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A Solid Waste Management Consultants, Inc.

September 30, 1998

Ron Henricks, Environmental Administrator  
Department of Environmental Protection  
Bureau of Solid and Hazardous Waste  
Solid Waste Section MS 4565  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Re: Transmittal of Sumter County's 1998-1999 Recycling and Education  
Grant Application, Part 2  
TIA Project No. 06-06.240

Dear Mr. Henricks:

Enclosed are an original and two copies of Sumter County's 1998-1999 Solid Waste Recycling and Education Grant Application, Part 2. As you requested, we have not enclosed the diskette containing the tables with this application. TIA will submit the diskette and, if appropriate, hard copies of the tables incorporating any necessary revisions on December 1, 1998.

Please feel free to contact me if you have questions or need additional information concerning Sumter County's 1998-1999 Recycling and Education Grant Application.

Sincerely,

TIA Solid Waste Management Consultants, Inc.

  
Tina Lewis

TL/ls

Enclosures

xc: Garry Breeden, Sumter County Public Works  
Terry Hurst, Sumter County Solid Waste Facility

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EA, SOLID WASTE

10012 N. Dale Mabry Highway, Suite 223, Tampa, Florida 33618  
Telephone 813-264-7240 • Fax 813-265-8140 • E-mail: tia@kcii.com


 DEP Form 62-716.900(2)  
 Effective \_\_\_\_\_

# Department of Environmental Protection

 Lawton Chiles  
 Governor

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

 Virginia B. Wetherell  
 Secretary

## Solid Waste Recycling and Education Grant Application

### Part Two

1. Name of Applicant: Sumter County Board of County Commissioners
2. Contact Person (person handling program on daily basis): Garry Breeden
3. Address of Contact Person:  
319 East Anderson Ave.  
Bushnell, FL 33513-6152
4. Telephone Number of Contact Person: (352 ) 793-0240
5. Required Attachments:

Are the following items attached? If not, please explain. Due October 1 of each year.

- (a) X A description of the recycling and education projects or planning studies, including any business and accounting plans. Rule 62-716.410 (1a)
- (b) X An estimate of the quantity and type of materials to be collected and recycled, including an explanation of the methods used to estimate this quantity. Rule 62-716.410(1b)
- (c) X A description of all existing or proposed recycling facilities, collection centers, or other related service centers located within the county, including ownership, capacity, type of facility, and approximate service area of such facilities. Rule 62-716.410(1c)
- (d) X A demonstration that the materials to be collected or processed, or both, are not presently being recovered to the extent necessary to meet the goal established in Section 403.706(4), F.S. and would not be so recovered, but for the proposed recycling project and a description of the method used to make this determination. This demonstration shall include an explanation of how existing private and public sector recycling programs and efforts will be incorporated into the recycling and education program. Rule 62-716.410(1d)
- (e) X A summary of all costs incurred, or to be incurred, in planning or implementing the recycling and education projects. Rule 62-716.410(1e)
- (f) X Any contracts or agreements entered into or summaries of contemplated agreements or contracts to develop and implement the recycling program. Rule 62-716.410(1g)
- (g) X The measurable objectives of the education program and an explanation of how the education program will directly promote the use of an existing or planned local recycling project. Rule 62-716.410(1h)
- (h) X A description of the methods to be used in evaluating the success of the education and recycling programs. Rule 62-716.410(1i)
- (i) X An explanation of the manner in which the recycling program will be implemented. Rule 62-716.410 (2a)
- (j) X A timetable for the continued development and implementation of the recycling program. Rule 62-716.410(2b)
- (k) X The estimated percentage of the population participating in various types of recycling activities. Rule 62-716.410(2c)

Page 1 of 2

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- (l)   X   The percent reduction each year in municipal solid waste disposed of at solid waste disposal facilities as a result of public and private recycling programs, including the success rates, perceived reasons for failure or success, and the public and private sector recycling activities which are ongoing and most successful.  
Rule 62-716.410(2d)
- (m)   X   A description of the type and the weight of solid waste generated within the applicant's service areas and the general type and the weight of solid waste that is expected to be generated within the service areas in the 20-year period following the date of the grant application. Rule 62-716.410(2e)
- (n)   X   An identification and description of the facilities where solid waste is being disposed of or processed, the remaining available permitted capacity of such facilities, any planned increases in the capacity of such facilities, and the anticipated effect of recycling programs on the type and size of such facilities.  
Rule 62-716.410(2f)
- (o)   X   An explanation of how existing or anticipated solid waste reduction or recycling will affect the type and size of any planned or existing solid waste management facilities in the affected service areas.  
Rule 62-716.410(2g)
- (p)   X   A description and evaluation of solid waste that is being or could be recycled, including, but not limited to:
- (1) The type and weight of solid waste or materials which would otherwise become solid waste that is being or could be recycled by the public and private sector, giving consideration at a minimum to the following materials: glass, aluminum, steel and bimetallic materials, office paper, yard trash, newsprint, corrugated paper, and plastics;
  - (2) The anticipated and available markets or uses for materials collected through recycling programs; and
  - (3) The estimated costs of and revenue from operating and maintaining existing and proposed recycling programs. This does not include specific costs and revenues from privately operated recycling programs, but a summary of such costs and revenues is required if the applicant intends to provide funding for such programs.  
Rule 62-716.410(2h)
- (q)   X   A description of any recycling activities implemented or existing prior to July 1, 1989.  
Rule 62-716.410(2i)
- (r)   X   Local governments whose comprehensive plans have been submitted at the time of application shall provide an explanation of how the recycling program relates to the future land use elements, sanitary sewer, solid waste, drainage, potable water, and natural groundwater aquifer recharge elements; intergovernmental coordination elements; and capital improvements elements of the local government comprehensive plans prepared pursuant to part II of chapter 163, F.S. by the county or municipality. Rule 62-716.410(2j)
- (s)   X   A description of how all special wastes will be managed. Rule 62-716.410(2k)
6. Does each solid waste facility owned or operated by the county or municipality have weight scales? Rule 62-716.420(2a)  
Yes   X   No
7. Has the operator of each landfill owned or operated by this county or municipality completed an operator training course approved by the Department? Rule 62-716.420(3)  
Yes   X   No

I CERTIFY that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to apply for this grant on behalf of this local government.

  
Signature of Authorized Representative

9/22/98  
Date

Please return form to:  
Department of Environmental Protection  
Bureau of Solid and Hazardous Waste  
Solid Waste Section MS 4565  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

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SUMTER COUNTY  
1998-1999 SOLID WASTE RECYCLING AND EDUCATION  
GRANT APPLICATION, PART TWO

TABLE OF CONTENTS

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<u>Section</u>	<u>Page</u>
<b>1</b>	<b>TABLES</b>
Table 1, Municipal Solid Waste Collection and Recycling (January 1, 1997 – December 31, 1997)	
Table 2, Waste Reduction Goals Worksheet (January 1, 1997 – December 31, 1997)	
Table 3, Current and Future MSW Collection and Recycling by Generator Type (January 1, 1997 – December 31, 1997, January 1, 1998 – December 31, 1998, and January 1, 2017 – December 31, 2017)	
Table 4, Municipal Solid Waste to Be Collected and Recycled (January 1, 1998 – December 31, 1998 and January 1, 2017 – December 31, 2017)	
Table 5, Participation in Recycling (Average for the Calendar Year 1997)	
Table 6, Municipal Solid Waste Management Facilities (As of June 1998)	
Table 7, Existing and Proposed Recycling Facilities, Service Centers and other related Service Centers (October 1, 1996 – September 30, 1999)	
Table 8, Local Government Program Cost Summary (October 1, 1997 – September 30, 1998)	
Table 9, Timetable for the Continued Development and Implementation of Recycling/Waste Reduction Programs (October 1, 1998 – September 30, 2000)	
Table 10, Curbside Recycling Programs in Florida (As of June, 1998)	
Table 11, City/Institutional Recycling Programs (As of June, 1998)	



<u>Section</u>	<u>Page</u>
(r) Local governments whose comprehensive plans have been submitted at the time of application shall provide an explanation of how the recycling program relates to the future land use elements, sanitary sewer, solid waste, drainage, potable water, and natural groundwater aquifer recharge elements; intergovernmental coordination elements; and capital improvements elements of the local government comprehensive plans prepared pursuant to Part II of 'Chapter 163, F.S. by the county or municipality.....	40
(s) A description of how all special wastes will be managed.....	42
(t) A description of the progress made toward developing a composting program for organic materials such as yard waste, food waste, and paper waste that would otherwise be disposed of in a landfill.....	43
(u) A description of the procurement policies and activities by county and city governments who will be utilizing the Recycling and Education grant monies .....	44

## APPENDICES

Appendix A, Existing Contracts and Interlocal Agreements

Appendix B, Wildwood Ordinance

Appendix C, Solid Waste Research and Development Policy

Appendix D, News Articles

TABLE 1  
MUNICIPAL SOLID WASTE  
COLLECTION AND RECYCLING  
(January 1, 1997 - December 31, 1997)

Note: Refer to Grant Application Items 5(l) & 5(p)

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COUNTY:	SUMTER	1997 POPULATION(a):		44,366			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Materials Type	Collected Tons	Percent Total Tons(b)	Pounds per Capita per Day(c)	Recycled Tons			Percent Recycled(e)
				Public	Private	Total (d)	
1. Minimum 5 Materials(f)							
a. Newspaper	2,379	6	0.29	957	4	961	40
b. Glass	1,281	4	0.16	153	0	153	12
c. Aluminum cans	92	0	0.01	25	9	33	36
d. Plastic bottles	915	2	0.11	0	0	0	0
e. Steel cans	915	2	0.11	131	8	139	15
2. Special Waste Materials(g)							
a. C&D debris	10,247	28	1.27	0	675	675	7
b. Yard trash	3,751	10	0.46	530	0	530	14
c. White goods(h)	110	0	0.01	50	0	50	45
d. Tires	73	0	0.01	38	0	38	52
e. Process fuel(i)	NA	NA	NA	0	0	0	0
3. Other Waste Materials							
a. Other plastics	1,464	4	0.18	40	8	48	3
b. Ferrous metals(h)	2,196	6	0.27	247	1,631	1,878	86
c. Non-ferrous metals	1,098	3	0.14	13	98	111	10
d. Corrugated paper	2,928	8	0.36	456	664	1,120	38
e. Office paper	915	2	0.11	144	0	144	16
f. Other paper	2,562	7	0.32	314	0	314	12
g. Food	1,830	5	0.23	184	0	184	10
h. Textiles	549	1	0.07	0	8	8	1
i. Miscellaneous	3,294	9	0.41	534	14	548	17
4. County Totals	36,598	100.00	4.52	3,817	3,118	6,935	19
Must Equal Figure Reported in 5.e.:		36,598	Certified Materials Total (excluding rubber)			4,959	No rates>100%

5. MSW Management (tons)

a. Unadjusted Recycled (Line 4, Column 7)	6,935
b. Landfilled (Including Landfilled Combustor Ash)	16,926
c. Gross Combusted (WTE Input)	17,271
i) Landfilled Combustor Ash (j)	4,318
ii) Combustor Material Recycled (k)	216
iii) Net Combusted (Output) = 5c - 5c(i) - 5c(ii)	12,737
d. Gross MSW = 5a+5b+5c	41,132
e. Net MSW = 5a+5b+5c(iii)	36,598

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

6. Adjusted Recycling Rate Calculations

a. Total tons of special wastes recycled. (Add lines 2a through 2e, column 7)	1,294
b. Special waste recycling percent (Divide line 6a by line 4, column 2 and multiply times 100.)	3.5
c. Line 4, column 8 minus line 6b.	15.4

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.	19 %

	Landfilled		Combusted		Recycled (Unadj.)	
	Tons	%	Tons	%	Tons	%
Gross MSW Management	16,926	41%	17,271	42%	6,935	17 %
Net MSW Management	16,926	46%	12,737	35%	6,935	19 %

(a) Official April 1, 1997 Governor's Office population estimates.

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

(c) Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1997 county population divided by 365 days.

(d) Use Certified Recycler's numbers provided by FDEP for the appropriate material types. Column 5 (recycled-public) + column 6 (recycled-private) = column 7 (Certified Recycler's total.)

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

(f) The Legislature established a goal of 50 percent for each material by the end of 1994 for each county.

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

(h) To establish ferrous tonnage, subtract known white goods tonnage from Certified ferrous tonnage (White Goods + Ferrous Metals = Certified Ferrous.) If white goods tonnage is not known, use 16% of the Certified Ferrous tonnage for this figure.

(i) 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 7 (total county tons recycled).

(j) Tonnage of incinerator byproducts (i.e. ash and filtered material) disposed in landfill.

(k) Tonnage of materials recovered at the incinerator that is recycled (i.e. ash and ferrous metals.)

TABLE 2  
**WASTE REDUCTION  
 GOALS WORKSHEET**  
 (January 1, 1997 - December 31, 1997)

Note: Refer to Grant Application Item 5(l)

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COUNTY: SUMTER

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

a. Total MSW disposed (landfilled plus combusted)	15,055 Tons
b. Population (Official April 1, 1988 figure)	30,001 People
c. MSW/Capita: 1a/1b =	0.50 Tons/Capita

2. BASE YEAR #2: July 1, 1989 - June 30, 1990

a. Total MSW disposed (landfilled plus combusted)	14,388 Tons
b. Population (Official April 1, 1989 figure)	31,260 People
c. MSW/Capita: 2a/2b =	0.46 Tons/Capita

3. BASE YEAR #3: July 1, 1990 - June 30, 1991

a. Total MSW disposed (landfilled plus combusted)	12,088 Tons
b. Population (Official April 1, 1990 figure)	32,100 People
c. MSW/Capita: 3a/3b =	0.38 Tons/Capita

4. BASE YEAR #4: July 1, 1991 - June 30, 1992

a. Total MSW disposed (landfilled plus combusted)	17,043 Tons
b. Population (Official April 1, 1991 figure)	32,015 People
c. MSW/Capita: 4a/4b =	0.53 Tons/Capita

5. BASE YEAR #5: July 1, 1992 - June 30, 1993

a. Total MSW disposed (landfilled plus combusted)	21,355 Tons
b. Population (Official April 1, 1992 figure)	33,057 People
c. MSW/Capita: 5a/5b =	0.65 Tons/Capita

6. BASE YEAR #6: July 1, 1993 - June 30, 1994

a. Total MSW disposed (landfilled plus combusted)	23,761 Tons
b. Population (Official April 1, 1993 figure)	33,814 People
c. MSW/Capita: 6a/6b =	0.70 Tons/Capita

7. CURRENT YEAR: January 1, 1997 - December 31, 1997

a. Total MSW disposed (Table 1, line 5b plus 5c(iii))	29,663 Tons
b. Population (Official April 1, 1997 figure)	44,366 People
c. MSW/Capita: 7a/7b =	0.67 Tons/Capita

8. WASTE REDUCTION PROGRESS (a)

a. Base Year #1 to Current Year:	$[(1c - 7c) / 1c] \times 100 =$	-34%
b. Base Year #2 to Current Year:	$[(2c - 7c) / 2c] \times 100 =$	-45%
c. Base Year #3 to Current Year:	$[(3c - 7c) / 3c] \times 100 =$	-76%
d. Base Year #4 to Current Year:	$[(4c - 7c) / 4c] \times 100 =$	-26%
e. Base Year #5 to Current Year:	$[(5c - 7c) / 5c] \times 100 =$	-3%
f. Base Year #6 to Current Year:	$[(6c - 7c) / 6c] \times 100 =$	5%

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

**TABLE 3**  
**CURRENT AND FUTURE MSW**  
**COLLECTION AND RECYCLING BY GENERATOR TYPE**  
(Jan. 1, 1997 - Dec. 31, 1997; Jan. 1, 1998 - Dec. 31, 1998 and Jan. 1, 2017 - Dec. 31, 2017)

Note: Refer to Grant Application Items 5(b) & 5(m)

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**SECTION A**

		COUNTY:	SUMTER		1997 POPULATION(a):	44,366
(1)	(2)	(3)	(4)	(5)	(6)	
Generator Type	Collected and Recycled Jan. 1, 1997 - Dec. 31, 1997					
	Collected Tons(b)	Percent Total Tons(c)	Pounds per Capita per Day(d)	Recycled Tons	Percent Recycled(e)	
1. Residential Single Family	12,809	35	1.58	2,855	22	
2. Residential Multi-Family	1,830	5	0.23	389	21	
3. Commercial	21,959	60	2.71	3,691	17	
4. County Totals	36,598	100	4.52	6,935	19	
Must Equal Figure Reported in Table 1:		36,598	4.52	6,935	19	

**NOTE: 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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
		1998 POPULATION :		46,544		2017 POPULATION:		87,926	
Generator Type	To Be Collected and Recycled Jan. 1, 1998 - Dec. 31, 1998					To Be Collected Jan. 1, 2017 - Dec. 31, 2017			
	Collected Tons(b)	Percent Total Tons(c)	Pounds per Capita per Day(d)	Recycled Tons	Percent Recycled(e)	Collected Tons(b)	Percent Total Tons(f)	Pounds per Capita per Day(d)	
1. Residential Single Family	13,650	50	1.61	4,103	30	23,208	45	1.45	
2. Residential Multi-Family	1,365	5	0.16	141	10	2,579	5	0.16	
3. Commercial	12,285	45	1.45	2,830	23	25,787	50	1.61	
4. County Totals	27,300	100	3.21	7,074	26	51,574	100	3.21	

(a) Official April 1, 1997 Governor's Office population estimates.

(b) Collected Tons = Tons Recycled + Tons Landfilled + Tons Combusted (Net).

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

(d) Pounds/Capita/Day = column 2 (generator type tons) times 2,000 pound/ton divided by the appropriate county population divided by 365 days.

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

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

(g) Pounds/Capita/Day = column 7 (generator type tons) times 2,000 pound/ton divided by the 2017 county population divided by 365 days.

**TABLE 4**  
**MUNICIPAL SOLID WASTE TO BE**  
**COLLECTED AND RECYCLED**  
**(January 1, 1998 - December 31, 1998 and January 1, 2017 - December 31, 2017)**

Note: Refer to Grant Application Items 5(b) & 5(m)

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COUNTY:	SUMTER		1998 POPULATION:		46,544		2017 POPULATION:		87,926	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Materials		To Be Collected and Recycled Jan. 1, 1998 - Dec. 31, 1998				To Be Collected Jan. 1, 2017 - Dec. 31, 2017				
		Collected Tons(a)	Percent Total Tons(b)	Pounds per Capita per Day(c)	Recycled Tons (d)	Percent Recycled	Collected Tons(e)	Percent Total Tons(b)	Pounds per Capita per Day(f)	
1. Minimum 5 Materials(g)										
a. Newspaper		1,775	7	0.21	799	45	3,352	7		0.21
b. Glass		956	4	0.11	287	30	1,805	4		0.11
c. Aluminum cans		68	0	0.01	27	40	129	0		0.01
d. Plastic bottles		683	3	0.08	137	20	1,289	3		0.08
e. Steel cans		683	3	0.08	171	25	1,289	3		0.08
2. Special Waste Materials(h)										
a. C&D debris		7,644	28	0.90	1,147	15	14,441	28		0.90
b. Yard trash		2,798	10	0.33	700	25	5,286	10		0.33
c. White goods		82	0	0.01	45	55	155	0		0.01
d. Tires		55	0	0.01	30	55	103	0		0.01
e. Process fuel(i)		NA	NA	NA		0	NA	NA		NA
3. Other Waste Materials										
a. Other plastics		1,092	4	0.13	186	17	2,063	4		0.13
b. Ferrous metals		1,638	6	0.19	1,425	87	3,094	6		0.19
c. Non-ferrous metals		819	3	0.10	123	15	1,547	3		0.10
d. Corrugated paper		2,184	8	0.26	874	40	4,126	8		0.26
e. Office paper		683	3	0.08	130	19	1,289	3		0.08
f. Other paper		1,911	7	0.22	287	15	3,610	7		0.23
g. Food		1,365	5	0.16	218	16	2,579	5		0.16
h. Textiles		410	2	0.05	25	6	774	2		0.05
i. Miscellaneous		2,457	9	0.29	467	19	4,642	9		0.29
4. County Totals		27,300	100.00	3.21	7,074	26	51,574	100.00		3.21
Must Equal Figure Reported in Table3:		27,300	Must = 100%	3.21	7,074	26	51,574	Must = 100%		3.21

- (a) Collected Tons = column 2, line 4 (total tons collected) times column 3 (percent total tons) divided by 100.
- (b) Percent Total Tons as reported in County's Waste Composition study. County Total must = 100%.
- (c) Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1998 county population divided by 365 days.
- (d) Recycled Tons = column 6 (percent recycled) times column 2 (material type tons) divided by 100. No recycling rates can be greater than 100%.
- (e) Collected Tons = column 7, line 4 (total tons collected) times column 8 (percent total tons) divided by 100.
- (f) Pounds/Capita/Day = column 7 (material type tons) times 2,000 pound/ton divided by the 2017 county population divided by 365 days.
- (g) The Legislature established a goal of 50 percent for each material by the end of 1994 for each county.
- (h) The total of these materials can count towards no more than one half of the 30 percent recycling goal for each county.
- (i) 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 1**  
**MUNICIPAL SOLID WASTE**  
**COLLECTION AND RECYCLING**  
(January 1, 1997 - December 31, 1997)

Note: Refer to Grant Application Items 5(l) & 5(p)

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COUNTY: SUMTER		1997 POPULATION(a): 44,366	
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Materials Type	Collected Tons	Percent Total Tons(b)	Pounds per Capita per Day(c)	Recycled Tons		Total (d)	Percent Recycled(e)
				Public	Private		
1. Minimum 5 Materials(f)							
a. Newspaper	2,255	6	0.28	543	4	547	24
b. Glass	1,214	3	0.15	0	0	0	0
c. Aluminum cans	87	0	0.01	24	9	33	38
d. Plastic bottles	867	2	0.11	0	0	0	0
e. Steel cans	867	2	0.11	128	8	136	16
2. Special Waste Materials(g)							
a. C&D debris	9,716	28	1.20	0	675	675	7
b. Yard trash	3,557	10	0.44	530	0	530	15
c. White goods(h)	104	0	0.01	50	0	50	48
d. Tires	69	0	0.01	38	0	38	55
e. Process fuel(i)	NA	NA	NA	0	0	0	0
3. Other Waste Materials							
a. Other plastics	1,388	4	0.17	40	0	40	3
b. Ferrous metals(h)	2,082	6	0.26	247	1,433	1,680	81
c. Non-ferrous metals	1,041	3	0.13	13	98	111	11
d. Corrugated paper	2,776	8	0.34	326	130	456	16
e. Office paper	867	2	0.11	0	0	0	0
f. Other paper	2,429	7	0.30	7	0	7	0
g. Food	1,735	5	0.21	184	0	184	11
h. Textiles	521	2	0.06	0	0	0	0
i. Miscellaneous	3,123	9	0.39	534	14	548	18
4. County Totals	34,699	100.00	4.29	2,665	2,371	5,036	15
Must Equal Figure Reported in 5.e.: 34,699		Certified Materials Total (excluding rubber)				3,060	No rates > 100%
5. MSW Management (tons)							
a. Unadjusted Recycled (Line 4, Column 7)							5,036
b. Landfilled (Including Landfilled Combustor Ash)							16,926
c. Gross Combusted (WTE Input)							17,271
i) Landfilled Combustor Ash (j)							4,318
ii) Combustor Material Recycled (k)							216
iii) Net Combusted (Output) = 5c - 5c(i) - 5c(ii)							12,737
d. Gross MSW = 5a+5b+5c							39,232
e. Net MSW = 5a+5b+5c(iii)							34,699
(Must Equal Line 4, Column 2 of the Table and Line 4, Column 2 of TABLE 3.)							
6. Adjusted Recycling Rate Calculations							
a. Total tons of special wastes recycled							1,294
(Add lines 2a through 2e, column 7)							
b. Special waste recycling percent							3.7
(Divide line 6a by line 4, column 2 and multiply times 100.)							
c. Line 4, column 8 minus line 6b.							10.8
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.							15 %

	Landfilled		Combusted		Recycled (Unadj.)	
	Tons	%	Tons	%	Tons	%
Gross MSW Management	16,926	43%	17,271	44%	5,036	13 %
Net MSW Management	16,926	49%	12,737	37%	5,036	15 %

- (a) Official April 1, 1997 Governor's Office population estimates.
- (b) Percent Total Tons = column 2 (material type tons) divided by line 4, column 2 (total county tons collected) times 100.
- (c) Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1997 county population divided by 365 days.
- (d) Use Certified Recycler's numbers provided by FDEP for the appropriate material types. Column 5 (recycled-public) + column 6 (recycled-private) = column 7 (Certified Recycler's total.)
- (e) Percent Recycled = column 7 (Total recycled tons) divided by column 2 (material type tons) times 100. No recycling rates can be greater than 100%.
- (f) The Legislature established a goal of 50 percent for each material by the end of 1994 for each county.
- (g) The total of all Special Waste Materials can count towards no more than one half of the 30 percent recycling goal for each county.
- (h) To establish ferrous tonnage, subtract known white goods tonnage from Certified ferrous tonnage (White Goods + Ferrous Metals = Certified Ferrous.) If white goods tonnage is not known, use 16% of the Certified Ferrous tonnage for this figure.
- (i) 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 7 (total county tons recycled).
- (j) Tonnage of incinerator byproducts (i.e. ash and filtered material) disposed in landfill.
- (k) Tonnage of materials recovered at the incinerator that is recycled (i.e. ash and ferrous metals.)

TABLE 2  
WASTE REDUCTION  
GOALS WORKSHEET  
(January 1, 1997 - December 31, 1997)

Note: Refer to Grant Application Item 5(l)

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COUNTY: SUMTER

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

a. Total MSW disposed (landfilled plus combusted)	15,055 Tons
b. Population (Official April 1, 1988 figure)	30,001 People
c. MSW/Capita: 1a/1b =	0.50 Tons/Capita

2. BASE YEAR #2: July 1, 1989 - June 30, 1990

a. Total MSW disposed (landfilled plus combusted)	14,388 Tons
b. Population (Official April 1, 1989 figure)	31,260 People
c. MSW/Capita: 2a/2b =	0.46 Tons/Capita

3. BASE YEAR #3: July 1, 1990 - June 30, 1991

a. Total MSW disposed (landfilled plus combusted)	12,088 Tons
b. Population (Official April 1, 1990 figure)	32,100 People
c. MSW/Capita: 3a/3b =	0.38 Tons/Capita

4. BASE YEAR #4: July 1, 1991 - June 30, 1992

a. Total MSW disposed (landfilled plus combusted)	17,043 Tons
b. Population (Official April 1, 1991 figure)	32,015 People
c. MSW/Capita: 4a/4b =	0.53 Tons/Capita

5. BASE YEAR #5: July 1, 1992 - June 30, 1993

a. Total MSW disposed (landfilled plus combusted)	21,355 Tons
b. Population (Official April 1, 1992 figure)	33,057 People
c. MSW/Capita: 5a/5b =	0.65 Tons/Capita

6. BASE YEAR #6: July 1, 1993 - June 30, 1994

a. Total MSW disposed (landfilled plus combusted)	23,761 Tons
b. Population (Official April 1, 1993 figure)	33,814 People
c. MSW/Capita: 6a/6b =	0.70 Tons/Capita

7. CURRENT YEAR: January 1, 1997 - December 31, 1997

a. Total MSW disposed (Table 1, line 5b plus 5c(iii))	29,663 Tons
b. Population (Official April 1, 1997 figure)	44,366 People
c. MSW/Capita: 7a/7b =	0.67 Tons/Capita

8. WASTE REDUCTION PROGRESS (a)

a. Base Year #1 to Current Year:	$[(1c - 7c) / 1c] \times 100 =$	-34%
b. Base Year #2 to Current Year:	$[(2c - 7c) / 2c] \times 100 =$	-45%
c. Base Year #3 to Current Year:	$[(3c - 7c) / 3c] \times 100 =$	-76%
d. Base Year #4 to Current Year:	$[(4c - 7c) / 4c] \times 100 =$	-26%
e. Base Year #5 to Current Year:	$[(5c - 7c) / 5c] \times 100 =$	-3%
f. Base Year #6 to Current Year:	$[(6c - 7c) / 6c] \times 100 =$	5%

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

TABLE 3  
**CURRENT AND FUTURE MSW  
 COLLECTION AND RECYCLING BY GENERATOR TYPE**  
 (Jan. 1, 1997 - Dec. 31, 1997; Jan. 1, 1998 - Dec. 31, 1998 and Jan. 1, 2017 - Dec. 31, 2017)

Note: Refer to Grant Application Items 5(b) & 5(m)

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**SECTION A**

		COUNTY:	SUMTER		1997 POPULATION(a):	44,366
(1)	(2)	(3)	(4)	(5)	(6)	
Generator Type	Collected and Recycled Jan. 1, 1997 - Dec. 31, 1997					
	Collected Tons(b)	Percent Total Tons(c)	Pounds per Capita per Day(d)	Recycled Tons	Percent Recycled(e)	
1. Residential Single Family	12,145	35	1.50	1,993	16	
2. Residential Multi-Family	1,735	5	0.21	272	16	
3. Commercial	20,819	60	2.57	2,771	13	
4. County Totals	34,699	100	4.29	5,036	15	
<b>Must Equal Figure Reported in Table 1:</b>		34,699	4.29	5,036	15	

**NOTE: 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

		1998 POPULATION :		46,544		2017 POPULATION:		87,926
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Generator Type	To Be Collected and Recycled Jan. 1, 1998 - Dec. 31, 1998					To Be Collected Jan. 1, 2017 - Dec. 31, 2017		
	Collected Tons(b)	Percent Total Tons(c)	Pounds per Capita per Day(d)	Recycled Tons	Percent Recycled(e)	Collected Tons(b)	Percent Total Tons(f)	Pounds per Capita per Day(d)
1. Residential Single Family	12,654	50	1.49	2,979	24	21,514	45	1.34
2. Residential Multi-Family	1,265	5	0.15	103	8	2,390	5	0.15
3. Commercial	11,389	45	1.34	2,055	18	23,905	50	1.49
4. County Totals	25,308	100	2.98	5,137	20	47,809	100	2.98

(a) Official April 1, 1997 Governor's Office population estimates.

(b) Collected Tons = Tons Recycled + Tons Landfilled + Tons Combusted (Net).

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

(d) Pounds/Capita/Day = column 2 (generator type tons) times 2,000 pound/ton divided by the appropriate county population divided by 365 days.

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

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

(g) Pounds/Capita/Day = column 7 (generator type tons) times 2,000 pound/ton divided by the 2017 county population divided by 365 days.



TABLE 4  
MUNICIPAL SOLID WASTE TO BE  
COLLECTED AND RECYCLED  
(January 1, 1998 - December 31, 1998 and January 1, 2017 - December 31, 2017)

Note: Refer to Grant Application Items 5(b) & 5(m)

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COUNTY:	SUMTER		1998 POPULATION:		46,544	2017 POPULATION:		87,926
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Materials	To Be Collected and Recycled Jan. 1, 1998 - Dec. 31, 1998					To Be Collected Jan. 1, 2017 - Dec. 31, 2017		
	Collected Tons(a)	Percent Total Tons(b)	Pounds per Capita per Day(c)	Recycled Tons (d)	Percent Recycled	Collected Tons(e)	Percent Total Tons(b)	Pounds per Capita per Day(f)
1. Minimum 5 Materials(g)								
a. Newspaper	1,645	7	0.19	592	36	3,108	7	0.19
b. Glass	886	4	0.10	44	5	1,673	4	0.10
c. Aluminum cans	63	0	0.01	28	45	120	0	0.01
d. Plastic bottles	633	3	0.07	32	5	1,195	3	0.07
e. Steel cans	633	3	0.07	158	25	1,195	3	0.07
2. Special Waste Materials(h)								
a. C&D debris	7,086	28	0.83	921	13	13,387	28	0.83
b. Yard trash	2,594	10	0.31	519	20	4,900	10	0.31
c. White goods	76	0	0.01	42	55	143	0	0.01
d. Tires	51	0	0.01	30	60	96	0	0.01
e. Process fuel(i)	NA	NA	NA		0	NA	NA	NA
3. Other Waste Materials								
a. Other plastics	1,012	4	0.12	142	14	1,912	4	0.12
b. Ferrous metals	1,518	6	0.18	1,291	85	2,869	6	0.18
c. Non-ferrous metals	759	3	0.09	121	16	1,434	3	0.09
d. Corrugated paper	2,025	8	0.24	405	20	3,825	8	0.24
e. Office paper	633	3	0.07	32	5	1,195	3	0.07
f. Other paper	1,772	7	0.21	89	5	3,347	7	0.21
g. Food	1,265	5	0.15	190	15	2,390	5	0.15
h. Textiles	380	2	0.04	46	12	717	2	0.04
i. Miscellaneous	2,278	9	0.27	456	20	4,303	9	0.27
4. County Totals	25,308	100.00	2.98	5,137	20	47,809	100.00	2.98
Must Equal Figure Reported in Table 3:	25,308	Must = 100%	2.98	5,137	20	47,809	Must = 100%	2.98

- (a) Collected Tons = column 2, line 4 (total tons collected) times column 3 (percent total tons) divided by 100.  
 (b) Percent Total Tons as reported in County's Waste Composition study. County Total must = 100%.  
 (c) Pounds/Capita/Day = column 2 (material type tons) times 2,000 pound/ton divided by the 1998 county population divided by 365 days.  
 (d) Recycled Tons = column 6 (percent recycled) times column 2 (material type tons) divided by 100. No recycling rates can be greater than 100%.  
 (e) Collected Tons = column 7, line 4 (total tons collected) times column 8 (percent total tons) divided by 100.  
 (f) Pounds/Capita/Day = column 7 (material type tons) times 2,000 pound/ton divided by the 2017 county population divided by 365 days.  
 (g) The Legislature established a goal of 50 percent for each material by the end of 1994 for each county.  
 (h) The total of these materials can count towards no more than one half of the 30 percent recycling goal for each county.  
 (i) 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 5**  
**PARTICIPATION IN RECYCLING**  
(Average for the Calendar Year 1997)

**Note: Refer to Grant Application Item 5(k)**

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COUNTY: SUMTER

1997 POPULATION(b): 44,366

Generator Type	Total Units in County	Residents per Unit (c)
Residential Single Family	19,325	2.46
Residential Multi-Family	106	2.46
Commercial	640	NA

(1) Recycling Services	(2) County Units with Service Available	(3) Percent of Total Units in County with Service Available(d)	(4) County Units Participating in Available Service	(5) Percent of County Units Participating in Available Service(e)	(6) Percent of Total Units in County Participating(f)	(7) Population Participating in Available Service(g)	(8) Percent of County Population Participating in Available Service(h)
Residential Single Family							
a. Curbside collection	0	0	0	0	0	0	0
b. Drop off stations	19,325	100	6,764	35	35	16,639	38
c. Mobile drop off	0	0	0	0	0	0	0
d. Buy back centers	0	0	0	0	0	0	0
Residential Multi-Family							
a. Curbside collection	0	0	0	0	0	0	0
b. Drop off stations	106	100	37	35	35	91	0
c. Mobile drop off	0	0	0	0	0	0	0
d. Buy back centers	0	0	0	0	0	0	0
Commercial							
a. Scheduled collection	640	100	128	20	20	NA	NA
b. On call collection	0	0	0	0	0	NA	NA

(a) In the application narrative, include a summary of calculations/methodology used to determine average figures

(b) Official April 1, 1997 Governor's Office population estimate.

(c) The Residents per Unit figures for Residential Single Family and Residential Multi Family can be acquired from the county planning department as reported in the County's comprehensive plan.

(d) Percent of Total Units in County with Service Available = column 2 (County Units with Service Available) divided by Total Units in County times 100.

(e) Percent of County Units Participating in Available Service = column 4 (County Units Participating in Available Service) divided by column 2 (County Units with Available Service) times 100.

(f) Percent of Total Units in County Participating = column 4 (County Units Participating in Available Service) divided by Total Units in County times 100.

(g) Population Participating in Available Service = column 4 (County Units Participating in Available Service) times Residents per Unit.

(h) Percent of County Population Participating in Available Service = column 7 (Population Participating in Available Service) divided by the 1997 official population times 100.

TABLE 6  
MUNICIPAL SOLID WASTE MANAGEMENT FACILITIES  
(As of June 1998)

Note: Refer to Grant Application Item 5(l)

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COUNTY: SUMTER

Facility (List Landfills by Class, then Waste-to-Energy Facilities)	Facility Type (a)	Remaining Permitted Capacity			Planned Increase			Ownership Type (Place "X" in Column)	
		Landfill (cubic yards)	Waste-to-Energ (tons per day)	Years Capacity Remaining	Landfill (cubic yards)	Waste-to-Energy (tons per day)	Year On-line	Public	Private
1. Sumter Solid Waste Facility (See Section 5n)	Other							X	
2. D&C Landfill	C&D	421,440							X
3. Bayside of Marion County (See Section 5n)	Class III								X
4. Lake County WTE (See Section 5n)	WTE								X
5.									
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
21.									
22.									
Totals	4	421,440	0	0	0	0		1	3

**SOLID WASTE DISPOSAL FEES (dollars per ton) (b)**

Class I	WTE Facility	Yard Trash	White Goods	C&D	Passenger Tires	Asbestos	Out of County	Petroleum Contaminated Soils
\$49.50	\$45.00	\$49.50	\$49.50	\$17.00	\$75.00		not accepted	

**TABLE 7**  
**EXISTING & PROPOSED RECYCLING FACILITIES, SERVICE CENTERS & OTHER RELATED SERVICE CENTERS**  
 (October 1, 1998-September 30, 1999)  
 Note: Refer to Grant Application Item 5(c)

COUNTY SUMTER

1997 POPULATION(a) 44,366

Facility (Place "P" Next to Proposed Facility)	Address	City	Zip Code	Telephone (Include Area Code)	Hours of Operation(a) (Use Abbreviations Listed Below)	Type(b) (Use Abbreviations Listed Below)	Ownership Type (Place "X" in Column)		MRF/RMPF Capacity (Tons/Day)	MRF/RMPF Processed (Tons/Day)	Service Area(c) (Place "X" in Column)			Material Source(d) (Place "X" in Column)			Material Handled(e) (Use Abbreviations Listed Below)
							Public	Private			PC	EC	MC	R	C	B	
1. Beeman's Salvage	County Road 416	Lake Panasofkee	33538	352-793-8888	M-F 8-5	DO, BB		X		0.07			X			X	A, SM, O
2. City of Wildwood Drop-Off	100 N Main	Wildwood	34785	352-330-1343	M-U 24 hours/day	DO	X			0.27	X			X			A, ON, G, S, O
3. Lynch Recyclers	1616 W C-48	Bushnell	33513	352-793-4588	M-F 8-5:30	DO, BB		X		0.64			X			X	SM, O
4. SCSWF (MRF and Compost Digester)	835 County Road 529	Sumterville	33538	352-793-3368	M-S 8-4	MRF	X		100.00	60.00		X				X	ON, OC, OP, MP, G, A, P, OP, S, W, SM, T, Y, O
5.																	
6.																	
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34.																	
Totals	4					NA	2	2	100.00	60.98	1	1	2	1	0	3	NA

(a) M - Monday, T - Tuesday, W - Wednesday, R - Thursday, F - Friday, S - Saturday, U - Sunday. List hours as 8-5

(b) MRF - Materials Recovery Facility (dirty MRF), RMPF - Recovered Materials Processing Facility (clean MRF), DO - Drop off center, BB - Buy back center, O - Other

(c) PC - Partial County, EC - Entire County, MC - Multiple County

(d) Majority of the materials coming from these sources R - Residential, C - Commercial, B - Both Residential & Commercial

(e) ON - Old Newspaper, OC - Old Corrugated Containers, M - Magazines, OP - Office Paper, MP - Mixed Paper, G - Glass Bottles, A - Aluminum Cans, P - Plastic Bottles, PP - Other Plastics,

S - Steel Cans, W - White Goods, SM - Scrap Metal, T - Tires, Y - Yard Trash, C - C&D, O - Others

TABLE 8  
LOCAL GOVERNMENT PROGRAM COST SUMMARY (a)  
(October 1, 1997 - September 30, 1998)

Note: Refer to Grant Application Item 5(e)

COUNTY:	SUMTER	POPULATION (b):	44,366
---------	--------	-----------------	--------

Cost Categories	Dollars Spent and Encumbered (c)		
	R&E Funds	Local Funds (d)	Total
<b>Equipment &amp; Building(e)</b>			
Public Sector(f)	28,252	435,000	463,252
sub-total	28,252	435,000	463,252
<b>Operating Services(g)</b>			
Public Sector(f)	9,401	887,001	896,402
Private Sector Contracts(h)	409		409
sub-total	9,810	887,001	896,811
<b>Planning/Engineering Studies(i)</b>			
Public Sector(f)			0
Private Sector Contracts(h)	63,396	75,000	138,396
sub-total	63,396	75,000	138,396
<b>Public Education(j)</b>			
Public Sector(f)	50		50
Private Sector Contracts(h)	600	3,000	3,600
sub-total	650	3,000	3,650
<b>Total Public Costs</b>	37,704	1,322,001	1,359,705
<b>Total Private Contract Costs</b>	64,404	78,000	142,404
<b>Grand Total Used</b>	102,108	1,400,001	1,502,109
<b>Costs Per Capita</b>	2.30	31.56	33.86
<b>Grant Award</b>	102,108		
<b>Remaining R&amp;E Funds Not Used(k)</b>	0		

(a) Information requested in this table should include cost data for both the county government and the participating municipalities found within its borders.

(b) Official April 1, 1997 Governor's Office population estimate.

(c) Include all dollars spent or committed via a purchase order by the local government on recycling programs during the county fiscal year.

(d) Any local revenues (non-R&E grants) such as tip fees, advalorem taxes, special assessments, recycling fee via waste disposal bill, material sales revenue etc., spent on the recycling program.

(e) Funds spent and encumbered for the acquisition of recycling equipment and recycling facilities.

(f) Publicly funded and operated entities such as a county or city gov't, regional planning councils, public universities, school boards, etc. May include contracts or purchase orders with public entities.

(g) Funds spent and encumbered for the acquisition of services relating to the collection, processing, marketing and sales of recycled material.

(h) Privately owned and operated entities, including non-profit organizations, contracted or retained through a purchase order to provide services or products to the local gov't for its recycling program.

(i) Funds spent and encumbered for the acquisition of planning and/or engineering products or services relating to the recycling program.

(j) Funds spent and encumbered for the acquisition of educational products or services for schools or the general public relating to the recycling program.

(k) All remaining R&E grant funds not spent or encumbered during the county fiscal year.

**TABLE 9**  
**TIMETABLE FOR THE CONTINUED DEVELOPMENT and IMPLEMENTATION**  
**OF RECYCLING/WASTE REDUCTION PROGRAMS**

(October 1, 1998 - September 30, 2000)

Note: Refer to Grant Application Item 5(j)

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COUNTY: SUMTER

Sector Program Elements	Events(a)																							
	FFY 98-99												FFY 99-00											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Single Family																								
1. EPA Compost Study	O	O	O	O																				
2. Educational Brochure Distrib.	P	P	O	O	O	O	O	O	O	O	O	P	P	O	O	O	O	O	O	O	O	O	O	P
3. Educational Video	P	P	P	R	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
4. Educational Workshop	P	P	P	P	P	R	R	O																
5. IFAS Compost Study	P	P	O	O	O	O	O	O	O	O	O	O												
6. Tours/Presentations	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Multi-Family																								
1. EPA Compost Study	O	O	O	O																				
2. Educational Brochure Distrib.	P	P	O	O	O	O	O	O	O	O	O	P	P	O	O	O	O	O	O	O	O	O	O	P
3. Educational Video	P	P	P	R	R	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
4. Educational Workshop	P	P	P	P	P	R	R	O																
5. IFAS Compost Study	P	P	O	O	O	O	O	O	O	O	O	O												
6. Tours/Presentations	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
Commercial																								
1. EPA Compost Study	O	O	O	O																				
2. Educational Brochure Distrib.	P	P	O	O	O	O	O	O	O	O	O	P	P	O	O	O	O	O	O	O	O	O	O	P
3. IFAS Compost Study	P	P	O	O	O	O	O	O	O	O	O	O												
4. Tours/Presentations	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
5.																								
6.																								
Institutional																								
1. EPA Compost Study	O	O	O	O																				
2. UBBM Recycling	R	O	O	O	O	O	O	O	O	O														
3. IFAS Compost Study	P	P	O	O	O	O	O	O	O	O	O	O												
4. Tours/Presentations	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
5.																								
6.																								

(a) Use this list of events. Additional event may be used and should be listed below. P - Planned, R - Procured, O - Operating, H - Hiring Key Staff, C - Contracting for Services, M - Executing Marketing Agreements

Additional Events:

Table 10

(a) Other materials not listed or specific notations should be footnoted below.

(b) The cost of the curbside program to each household being served. Must include offset of processing fees and revenues.

## Other Materials & Notations

(1) Customers receiving curbside recycling services are not charged by the waste hauler and the County does not charge the waste haulers for delivering the segregated materials to the Solid Waste Facility. Therefore, a cost per household per month of \$0 was listed.

TABLE 11  
CITY/INSTITUTIONAL RECYCLING PROGRAMS (a)  
(As of June 1998)

COUNTY:		SUMTER				
Program Name	Coordinator/Contact	Address	Zip Code	Telephone	97-98 R&E \$\$ Allocated(b)	Mandatory Recycling(c)
City of Wildwood	Gene Kornegay	100 North Main Street, Wildwood	34484	(352) 330-1343	\$0.00	NONE
Sumter Correctional Institute	Dan Browning	P.O. Box 667, Bushnell	33513	(352) 793-2525	\$0.00	NONE
Coleman Federal Prison	Joey Pitts	846 NE 54th Terrace, Coleman	33521	(352) 330-3100	\$0.00	NONE
Totals	3				\$0.00	

(a) Information listed should include significant institutional programs such as universities, public schools, hospital and prisons as well as city recycling programs. Do not list the county program.

(b) R&E Grant dollars provided by the state and passed on to each city to provide recycling services. \$0.00 indicates that no funds were provided to the city.

(c) For City programs, indicate if recycling is mandated by local ordinance or policy for the residential sector with an R, or for the commercial sector with a C (RC for both). Otherwise, LEAVE BLANK.

FDEP  
9/24/98



- (a) **A description of the recycling, waste reduction, and education projects or planning studies, including any business and accounting plans.**

## **RECYCLING AND EDUCATION ACTIVITIES**

### ***SCSWF Recycling and Waste Reduction Programs***

Sumter County owns and operates the Sumter County Solid Waste Facility (SCSWF) in Sumterville, Florida. The SCSWF, which serves the County's residential, commercial, and governmental/institutional sectors, operates from 8:00 a.m. to 4:00 p.m. Monday through Saturday, excluding major holidays.

During the 1997-1998 grant year, the County completed construction of the SCSWF, which consists of a 100-tons-per-day (TPD) materials recovery facility (MRF) and a 50-TPD compost digester system. The County's integrated solid waste management system is designed to meet and exceed County and State solid waste and recycling goals by recovering up to 75% of the incoming waste stream through combined recycling and composting processes.

The new Sumter County MRF, which began operating in November 1996, is equipped with an automated debugging system, residue disc screen, magnetic separators, and manual sorting stations. The MRF's operations are flexible and can be modified to recover additional materials, and its capacity can be increased by the addition of operating shifts. Recovered recyclable materials are baled and marketed by Sumter County.

During the 1998-1999 grant year, Sumter County plans to recover the following materials through front-end processing at the MRF: ferrous metals (including steel cans), non-ferrous metals (including aluminum cans), plastic film, plastic bottles, glass (clear, green, and brown) OCC, ONP, and additional materials, depending on market conditions.

During the 1997-1998 grant year start-up and acceptance testing were completed on the SCSWF's newly-constructed compost digester system. Materials remaining in the waste stream after recyclables have been recovered and non-compostable residuals have been

removed during front-end processing are introduced into the aerobic digester, an enclosed, rotary vessel that serves as a biomechanical composting device. Sumter County chose the digester system for its capacity to control odor and leachate, to substantially reduce organics volumes, and to accelerate the composting process. The composting digester system is designed to handle 50 TPD of MSW and 25 TPD of organic biosolids such as sludge or other nitrogen sources, but the system's capacity can be increased as needed by adding digester units.

Materials leaving the digester are screened and placed in windrows for final curing. During the 1997-1998 grant year, the County completed construction of a compost finishing building, a pre-engineered metal building to protect unfinished compost from excessive moisture or drying, which can adversely affect the natural composting process. During curing in the compost finishing building, turning machines periodically aerate the compost materials to promote completion of the composting process and ensure consistent production of high quality, Class A compost.

In addition to recycling activities at the MRF, the County also recycles bulky items and special wastes at the SCSWF. Bulky items are collected from the MRF tipping floor and in segregated loads delivered to the SCSWF. Materials currently collected for recycling at the SCSWF from these sources include:

- |   |   |
|---|---|
| <input type="checkbox"/> White Goods              | <input type="checkbox"/> Ferrous and Non-Ferrous Metals |
| <input type="checkbox"/> Tires                    | <input type="checkbox"/> Lead-Acid Batteries            |
| <input type="checkbox"/> Used Oil and Oil Filters | <input type="checkbox"/> Yard Waste                     |

#### ***SCSWF Education, Research, and Planning Activities***

Over 70 formal tours of the SCSWF were conducted during the 1997-1998 grant year. A number of special tours were also conducted in connection with completion of the MRF and construction of the compost digester system and compost finishing building.

The SCSWF served as a featured tour for the National Recycling Coalition (NRC) at its 16<sup>th</sup> Annual Congress & Exposition in Lake Buena Vista, Florida on September 22 through 24, 1997. Thirty participants visited the SCSWF from locations as far away as Tokyo, Japan;

Wailuku, Hawaii; and Slovakia in Central Europe. Tour participants represented large metropolitan areas like Kansas City, Missouri; Atlanta, Georgia; and Indianapolis, Indiana and small communities such as Tiffin, Ohio; Tavares, Florida; and Centerville, Maryland. In connection with the NRC tour, the County conducted an educational session and produced and distributed a brochure describing Sumter County's recycling and MSW composting operations.

During the 1997-1998 grant year, Sumter County conducted a waste composition study. The results of this study will be available during the 1998-1999 grant period.

During the 1997-1998 grant year, Sumter County carried out a project titled *Maximizing Diversion of Municipal Solid Waste through Municipal Solid Waste Recycling and Composting* funded by a grant through the United States Environmental Protection Agency (EPA), Region 4. This project's primary task was to determine diversion rates by material type and analyze marketability of recovered materials by type. Because no other MSW facility in the country currently combines front-end processing and composting to the same extent as the SCSWF, no diversion rate data is available for integrated systems that combine front-end materials recovery and in-vessel composting.

If this project documents attractive diversion rates and successful marketing of targeted materials, including high quality compost produced from MSW feedstock, it will help establish the facility's integrated technology as a viable alternative for other small to mid-size communities in Region 4. The results of the project, which will be available in the 1998-1999 grant year, will provide the County with valuable planning information for maximizing recovery rates and materials marketability.

During the 1997-1998 grant year, Sumter County received a second grant through EPA Region 4 to study the effects of various processing modifications (*i.e.*, reduced material size, increased temperature, and special inoculants) on the maturity, stability, and quality of compost produced from MSW. This project will be completed and results will be available during the 1998-1999 grant year.

The County will also be participating as the site for another study funded by EPA Region 4 and conducted by the University of Florida's Institute of Food and Agricultural Sciences (IFAS). The study titled *Co-Composting of Organic Waste Blends: Organic Fraction of MSW and Animal or Food Wastes* will evaluate the effects of four experimental compost feedstock blends on compost processing and quality.

Also during the 1997-1998 grant year, Sumter County received funding from the Florida Department of Environmental Protection (DEP) through the Innovative Recycling Grants Program for an innovative recycling program. In cooperation with the United States Postal Service, this project will recycle undeliverable bulk business mail (UBBM) as a compost feedstock. This project will also evaluate and establish procedures for composting small domestic animal remains. This recycling program will begin in November 1998, and results of the project will be available during the 1998-1999 grant year.

#### ***Recycling Drop-Off Center Activities***

Sumter County operates a Recycling Drop-Off Center located at the SCSWF. Residents, businesses, and institutions may drop-off recyclables Monday through Saturday from 8:00 a.m. to 4:00 p.m., excluding major holidays.

During the 1997-1998 grant year, the Recycling Drop-Off Center accepted the following source-separated materials for recycling:

- |  |  |
|--|--|
| <input type="checkbox"/> Aluminum cans               | <input type="checkbox"/> Steel cans          |
| <input type="checkbox"/> HDPE plastic bottles        | <input type="checkbox"/> PET plastic bottles |
| <input type="checkbox"/> Glass (clear, green, brown) | <input type="checkbox"/> Newsprint (ONP)     |
| <input type="checkbox"/> Corrugated Boxes (OCC)      |  |

In summer 1998, the County redesigned and renovated the Recycling Drop-Off Center to encourage participation in the drop-off program. In addition to improving the appearance and convenience of the Recycling Drop-Off Center, operations were modified to more closely conform to the requirements of the County's current recycling markets. Commencing in late August 1998, textiles/clothing were added to the program, and separate collection of glass and plastics by type was discontinued. Improvements to the Recycling Drop-Off Center are expected to result in increased participation during the 1998-1999 grant year.

EPA grant funds were allocated to pre-construction planning and engineering costs and for an analysis of Recycling Drop-Off Center operations and materials marketability once renovations were completed. Results of the analysis, which will be available during the 1998-1999 grant year, are expected to help the County maximize recovery rates and increase participation in the drop-off recycling program.

#### ***Other Residential Programs (Single/Multi-Family)***

In addition to the Recycling Drop-Off Center located at the SCSWF, County residents have access to other residential recycling programs. Amos Refuse, a private hauler, provides curbside collection of newspapers, aluminum cans, glass, and metals to their solid waste collection customers at no additional cost. Beeman's Salvage also serves as a collection site for non-ferrous metals for recycling.

The City of Wildwood (population 3,950) operates four drop-off centers. (A copy of City Ordinance 254 governing the collection of solid waste, yard waste, and recyclables is attached in Appendix B, *City of Wildwood Ordinance No. 254*.) The four Wildwood drop-off centers currently collect newspaper, aluminum cans, clear glass, and steel cans, and the City collects used motor oil at two locations.

The Cities of Bushnell (population 2,273), Center Hill (population 758), Coleman (population 854), and Webster (population 832) do not offer municipal recycling programs. Residents of these cities have access to the County-operated Recycling Drop-Off Center located at the SCSWF in Sumterville. (See *Recycling Drop-Off Center Activities*, above for a description of materials collected at this site.)

On March 28, 1998, Sumter County Board of County Commissioners sponsored an Amnesty Day for hazardous waste. County residents were invited to dispose of up to 100 pounds per household of hazardous wastes at designated sites. The well-publicized event attracted 134 participants and collected over 10,000 pounds of household hazardous wastes, including the following materials: pesticides, fertilizers, paint thinners, stale gasoline, engine degreasers, brake fluids, anti-freeze, batteries, pool chemicals, drain cleaners, furniture polish, solvent, used oil, and other common household chemicals..

### ***Commercial Recycling Programs***

Sumter County supports local business and industry recycling efforts. Several businesses located in Sumter County currently operate in-house recycling programs with private sector recyclers providing collection, processing, and marketing services. Sumter Electric Cooperative recycles non-ferrous and ferrous metals, used oil, auto batteries, and solvent. Dietrich Industries, a local manufacturer, recycles metals to external markets, and the Container Corporation of America internally recycles all scraps generated during the paper manufacturing process.

Wal-Mart, Bushnell Foodway, and Thompson's IGA operate in-house OCC recycling programs. Restaurants such as Burger King, McDonald's, and Kentucky Fried Chicken, recycle frying oil through Griffin Industries. In addition to their in-house OCC recycling program, Wine-Dixie accepts film plastic grocery bags returned by customers and recycles wooden crates. The D&C Landfill processes incoming C&D to conserve landfill space and to recover recyclable materials, and Lynch Recyclers, Inc. recovers ferrous scrap from used automobiles.

In addition to encouraging in-house recycling programs, the County promotes recycling in the commercial sector by offering free processing and marketing services for segregated recyclables dropped off at the SCSWF. By using this program, businesses can realize an avoided cost savings of \$49.50 per ton of recyclables, the County's current tipping fee.

Business were also invited to participate in the hazardous waste Amnesty Day sponsored by the Sumter County Board of County Commissioners on March 28, 1998. This event offered businesses the opportunity to dispose of up to 2,200 pounds of hazardous waste at reduced rates. The well-publicized event collected over 10,000 pounds of hazardous materials, including pesticides, fertilizers, paint thinners, stale gasoline, engine degreasers, brake fluids, anti-freeze, batteries, pool chemicals, drain cleaners, furniture polish, solvent, and used oil.

During the 1998-1999 grant year, Sumter County plans to continue to encourage businesses to recycle and to increase the types of materials they recover. Source separation will continue to be encouraged through lower tip fees for segregated materials. The County will also encourage commercial generators to deliver materials to the SCSWF to maximize the recovery of materials.

#### ***Governmental/Institutional Recycling***

***Sumter County Correctional Institute:*** With a staff of approximately 400 and an inmate capacity of 1,800, the Sumter County Correctional Institute (SCI) is a significant generator of solid waste and recyclables in Sumter County. Since June 1995, SCI has contracted with the County for recycling and marketing services. That contract has been renewed annually since its inception, and the current term will expire May 9, 1999. Pursuant to the terms of this contract, the County provided SCI with materials to construct a recyclables processing building and a new baler to prepare recyclables for market. SCI collects and processes recyclables and transports baled materials to the SCSWF for marketing. SCI currently collects aluminum cans, ferrous and non-ferrous metals, and plastics. See Appendix A, *Existing Contracts and Interlocal Agreements*, for a copy of the contract between the County and SCI.

Sumter County also collaborates with SCI in the annual "Joy Ride" to provide needy children with toys for the holidays. Throughout the year, SCSWF staff collect repairable, discarded tricycles and bicycles from the incoming waste stream, and SCI inmates repair and recondition them using donated paint, parts, and other materials. The "Joy Ride" program also recycles pallets and wood scraps from the furniture-building PRIDE program at SCI to make children's tables, chairs, rocking horses, cradles, desks, and other holiday gift items. During

the 1997-1998 grant year, "Joy Ride" provided over 100 bicycles and dozens of wooden toys to local charities for distribution to needy families in the Sumter County area.

***Coleman Federal Prison:*** Facilities at Coleman Federal Prison (CFP) include low and medium security facilities completed in 1995 and a minimum security camp completed in summer 1997. The combined capacity of the three facilities is over 3,000 inmates, and CFP employs approximately 720 staff. CFP's recycling program is still relatively new, but during the 1997-1998 grant year, CFP recycled the following materials: OCC, newspaper, office paper, aluminum cans, brass casings, used motor oil, tires, and batteries.

***Adopt-a-Highway:*** As a part of the Litter Control and Prevention Grant, Sumter County continued sponsorship of the Adopt-a-Highway program during the 1997-1998 grant year. Through this program, which is administered by the Sumter County Public Works Department, volunteer groups and local businesses enter into two-year contracts to adopt at least a two-mile segment of local roadways. Volunteers commit to collect litter from the adopted roadway at least four times a year. During the 1997-1998 grant year, 19 volunteer groups participated in this popular program.

***4-H Club Activities:*** During the 1997-1998 grant year, individual 4-H clubs carried out litter control activities through Adopt-a-Highway projects and street clean-ups, and aluminum cans and plastic containers were recycled at all 4-H-sponsored events and camps. The Sumter County Extension Service filled the vacant County Agent position in April 1998, and, as a result, the Service hopes to sponsor additional recycling activities in the 1998-1999 grant year.

***Sumter County Public Schools:*** Bushnell Elementary School sponsored Earth Day on April 24, 1997. Exhibitors included the Southwest Florida Water Management District, Florida Game and Fresh Water Fish Commission, the Florida Department of Forestry, 4-H, Okahumpka Incinerator, the Sumter County Sheriff's Office, and Richloam Fish Hatchery. Two classes at the school also participated in the event with rain forest and butterfly garden exhibits. Activities included a pet food drive, which collected over 700 pounds of pet food for donation to the Sumter County Humane Society, the Sumter County Animal Control Department, and La Guardar Wildlife Center.



**E. C. Rowell Public Library, Webster, Florida:** In August 1998, the E. C. Rowell Public Library announced a fund raising drive to collect and recycle newspaper. Additional projects like this one are anticipated during the 1998-1999 grant year as Southeast Paper Recycling Company of Orlando expands operations throughout Sumter County.

## SUMTER COUNTY RECYCLING STAFF

The recycling program for Sumter County is administered through the Public Works Department. Table A, *Recycling Program Staff*, below, lists recycling staff, brief descriptions of their duties, and time allocated to recycling activities.

TABLE A RECYCLING PROGRAM STAFF		
<i>Title (# Of Employees)</i>	<i>Description Of Duties</i>	<i>% Of Full Time Devoted To Recycling</i>
Director, Public Works (1)	Management, Education	25%
Assistant Director, Public Works (1)	Management	15%
Manager, SCSWF (1)	Management, education, training	60%
Administrative (3)	Recordkeeping, administration	10%
Administrative (1)	Recordkeeping, administration	20%
Supervisor (1)	Supervise recycling operation	75%
Worker (2)	Operational, processing, maintenance, and reporting duties	100%
Worker (14)	Operational, processing, maintenance, and reporting duties	50%

In addition to the County employees listed in Table A, *Recycling Program Staff*, labor from a nearby correctional institution was used to staff the SCSWF during the 1997-1998 grant year. Throughout the grant year, SCI provided 15-inmate work teams to process recyclables from 8:00 a.m. to 2:00 p.m. five days a week. In addition, work squads of 10 to 15 inmates provided by the SCI minimum security work camp performed grounds maintenance as needed. To help support the cooperative work program with SCI, during the 1997-1998 grant year the County donated a van to the institution for transporting work crews to and from the County facility.

## **BUSINESS AND ACCOUNTING PLANS**

### ***Mission Statement***

Sumter County is dedicated to providing its residents with cost-effective and environmentally-sound solid waste management. The County's solid waste management objective is to maximize the effectiveness and efficiency of its program through facility expansion, technological advances, and improved operating efficiencies and to not only meet but exceed County, State, and federal recycling goals. During the 1997-1998 grant year, the County moved closer to accomplishing these goals by undertaking improvements to the County's recycling and composting facility. The County completed construction and implementation of its in-vessel compost digester system, completed construction and expansion of the compost finishing building, and extended the MRF building and initiated improvements to the materials in-feed system to allow direct feed to the compost digester.

### ***Plans for Funding, Fiscal Year 1998-1999***

Sumter County expects to receive funding for capital improvements, educational outreach, and operational expenditures in Fiscal Year 1998-1999 from the following sources: 1998-1999 Recycling and Education Grant; 1997-1998 Innovative Recycling Grant; EPA Compost Grant; EPA sponsored IFAS study; 1998-1999 Small County Solid Waste Grant; 1998-1999 Waste Tire Solid Waste Grant; 1998-1999 Litter Control and Prevention Grant; tip fees; and recycling revenues.

The County also plans to seek supplemental funding for research and development projects through programs funded by the United States Department of Agriculture and other government agencies.

Table B, below, *Projected Revenue for 1998-1999*, reports the amounts and sources of the County's projected revenue.

<b>TABLE B</b> <b>PROJECTED REVENUE FOR 1998-1999</b>	
REVENUE SOURCE	AMOUNT
Solid Waste Recycling & Education Grant	\$ 102,108
Small County Solid Waste Grant	50,000
Waste Tire Solid Waste Grant	21,720
Litter Control & Prevention Grant	10,000
Innovative Recycling Grant	299,600
EPA Compost Grant	60,000
EPA/IFAS Study	7,000
Tipping Fees & Recycling Revenues	1,079,779
<b>TOTAL PROJECTED REVENUE</b>	<b>\$ 1,630,207</b>

### ***Measurable Objectives***

Sumter County has identified two primary measurable objectives for the 1998-1999 grant year:

- ☐ Achieving higher materials diversion rates for the SCSWF; and
- ☐ Increasing County-wide recycling rates.

***Achieving higher materials diversion rates for the SCSWF:*** The County's new recycling and composting facility was designed to meet and exceed County and State recycling goals by recovering a large portion of the waste stream as recyclables and compost. By combining front-end materials recovery with MSW composting, the County hopes to recover up to 75% of the waste stream entering the system. Thus, establishing attractive materials diversion rates comprises one important measurable objective for the County.

Because determining the facility's diversion rates will help establish the SCSWF as a model for other communities, the EPA funded a study in 1997-1998 to measure diversion rates and marketability by material types. The results of this study, which will be available in October 1998, will provide a concrete measure of progress toward the County's solid waste management objectives. The study is also expected to provide benchmarking information that will support planning for operational improvements.

***Increasing County-wide recycling rates:*** Recently completed renovations and operational improvements to the Recycling Drop-Off Center are expected to increase recycling participation rates. The 1997-1998 EPA grant award that provided partial funding for these renovations also included an analysis of drop-off recycling activities. The study's final report will include recommendations for enhancing marketability of materials and operating efficiency.

The County also plans to produce and distribute a brochure explaining the County's integrated recycling and composting system and promoting drop-off recycling. The County will produce an educational video for use in public education activities and hopes to place brief ads on local TV promoting recycling.

### **POTENTIAL IMPACT OF RECYCLING AND EDUCATION GRANT CUTS**

Sumter County is a rural county with a population of only about 40,000 and a severely limited tax base. The local tax rate is already at the maximum permissible rate, and the bond revenues available for solid waste programs from the 1994 Sumter County Capital Improvements Bond have been depleted by the construction of the County's new recycling and composting facility. The County depends on recycling and education grant funds to subsidize the County's recycling programs, purchase recycling containers and equipment, strengthen the recycling infrastructure, and support public education activities. In addition, the County also uses Grant funds for operational and training costs associated with processing recyclables at the SCSWF.

#### ***Effect of a 50% cut in Recycling and Education Grant Funding***

Sumter County is committed to recycling and waste reduction. The County's commitment has been most clearly demonstrated by passage of a five million dollar capital improvement bond issue in 1994, an impressive undertaking for a county of less than 40,000. Further, the County has carefully planned, designed, and implemented a state-of-the-art facility that will serve as a model for small and mid-size communities throughout the country.

A 50% reduction in Recycling and Education Grant funding would adversely impact several recycling program areas. For example, during the 1997-1998 grant year, grant funds were used to fund such essential program components as staff training, baling and shipping supplies, and program planning. In the coming 1998-1999 grant year, the County is depending on grant funds to subsidize waste composition studies and the production and distribution of educational materials, including an educational video promoting recycling. Without full grant funding, these projects will be delayed. The County believes its objective of increasing recycling rates by increasing drop-off center collections will be nearly impossible to achieve without these programs.

#### ***Effect of a 100% cut in Recycling and Education Grant Funding***

The impact of a 100% cut in Recycling and Education Grant Funding would go beyond delays in implementing essential programs. Without Recycling and Education Grant funding support, the County would be forced to eliminate non-essential programs such as "Amnesty Days," community and public school education and outreach, recycling drop-off program development, market studies, waste composition and diversion studies, and staff training. Over time, the elimination of these important program components would limit the County's ability to achieve its recycling goals and erode the County's progress toward its solid waste management objectives.

The County's rural demographics make public participation crucial to the success of recycling programs. Elimination of grant funding support would probably mean that the County's objective for increasing County-wide recycling rates by upgrading the Recycling Drop-Off Center and increasing public awareness could not be achieved. And, since the County also depends on grant funds to subsidize recycling operations at the SCSWF, a 100% cut in grant funds (which constitutes over 6% of the County's operating budget), could also impact essential operations and curtail recycling services at the SCSWF.

**(b) An estimate of the quantity and type of materials to be collected and recycled or waste reduced, including an explanation of the methods used to estimate this quantity.**

During the 1997 reporting year, solid waste collected in Sumter County was managed through recycling, combustion, and landfilling. Estimates of the quantity and type of materials to be collected and recycled or waste reduced during the 1998 reporting year are presented in Table 3, *Current and Future Municipal Solid Waste Collection and Recycling by Generator Type* and Table 4, *Municipal Solid Waste To Be Collected and Recycled*. To estimate projected collection rates by generator and material type, the County gathered data from the following sources:

- ☐ Sumter County monthly recycling and disposal records;
- ☐ Combusted tons disposal records from Lake County WTE Facility for materials originating in Sumter County;
- ☐ Landfilled tons disposal records for C&D materials from D&C Disposal, a C&D landfill located in Sumter County, and from Bayside of Marion, a Class III landfill in Marion County;
- ☐ Quarterly compost production records for the SCSWF;
- ☐ Percentage by generator type for residential single family, residential multi-family, and commercial sectors developed by Sumter County;
- ☐ County population for 1997 and projected population for 2000 and 2015 as reported in the *1997 Florida Statistical Abstract*;
- ☐ 1997 population data for Sumter County provided by DEP in Table 1, *Municipal Solid Waste Collection and Recycling (January 1, 1997-December 31, 1997)*;
- ☐ Sumter County's 1991 Waste Composition Study;

- ☐ US EPA, *Characterization Report of Municipal Solid Waste in the United States, 1997 Update*;
- ☐ Florida DEP's *Solid Waste Management in Florida (June 1998)*;
- ☐ Survey of private-sector and commercial recycling activities;
- ☐ Survey of public sector governmental/institutional recycling activities;

The total number of collected tons reported for 1997 in the Grant Application for 1997-1998 were somewhat lower than expected. The reduction may be attributable to two factors. First, residential construction activity in Sumter County remained strong during 1997, but public and institutional construction activity decreased following higher than typical levels of activity in 1995 and 1996. Reduced construction activity resulted in reduced generation of C & D debris. In addition, in 1997 a private hauler serving residential collection routes in Sumter County began transporting waste outside of the County for disposal.

Recycling rates for 1997 are also lower than typical for Sumter County. During the first six months of 1997, the County was forced to dispose of collected MSW during construction of the compost digester. Construction was completed on June 4, 1997, but the MRF operated only intermittently during the final six months of 1997 during acceptance testing and shake down of the digester.



- (c) **A description of all existing or proposed recycling facilities, collection centers, or other related service centers located within the County, including ownership, capacity, type of facility, and approximate service area of such facilities.**

Existing and proposed recycling facilities, collection centers, and related service centers located in Sumter County are reported in Table 7, *Existing & Proposed Recycling Facilities, Service Centers & Other Related Service Centers*. Sumter County's recycling capacity is comprised of the County-owned and -operated recycling and composting facility and drop-off center, the City of Wildwood's four drop-off centers, and two privately-owned and -operated buy-back centers. Because the County's rural demographics do not support commercially viable curbside collection programs, by far the greatest portion of the County's recycling capacity is contributed by the 100-TPD SCSWF.

The County's MRF began operating in October 1996, and the compost digester system began operating in June 1997. While the SCSWF was not fully operational throughout the 1997-1998 grant year, the SCSWF is designed to process 100 TPD of mixed MSW. The municipal waste stream is not expected to exceed design capacity for many years. In the meantime, the County is exploring ways to fully utilize the facility's design capacity.

Aluminum, newspaper, OCC, glass, steel cans, plastics, yard waste, white goods, and tires are currently being recovered and/or composted at the SCSWF. The County markets materials recovered at the SCSWF and materials collected and processed by SCI. The County currently uses all Class A compost produced at the SCSWF for public works projects, but plans to market compost once production capacity exceeds County demands and quality control mechanisms are in place.

The County anticipates increasing source-separated collections at the SCSWF as a result of recent renovations to the Recycling Drop-Off Center and planned public information materials and events. The City of Wildwood has no plans to add sites or materials to their program.

The County's two private recyclers, Beeman's Salvage and Lynch Recyclers, collect relatively small portions of the County's recycled materials. Beeman's Salvage, a hauler/processor, collects OCC, aluminum cans, ferrous metals, and auto batteries, and Lynch Recyclers

salvages used automobiles and non-ferrous metals for recycling. Facility capacity at Beeman's Salvage and Lynch Recyclers is not public information.

While not reported in Table 7 because they do not collect recyclables from the public, the Sumter County Correctional Institute (SCI) and the Coleman Federal Prison (CFP) operate in-house recyclables processing centers. Sumter County helped these institutions establish recycling programs, and the County provides SCI with recycling and marketing services. (See Appendix A, *Existing Contracts and Interlocal Agreements*, for the specific terms of the contract between the SCI and Sumter County.)

During the 1997-1998 grant year, Global Tire Recycling, Inc., a privately-owned crumb rubber manufacturer, broke ground for construction of a new production facility in Wildwood, Florida. The facility is expected to begin operating in October 1998. Global plans to collect and receive waste tires from Central Florida waste tire generators and tire haulers/processors. At full capacity, the facility is designed to process approximately 3.5 million tires per year and produce about 26,000 tons per year of crumb rubber. The crumb rubber will be marketed to asphalt blenders, primarily in Florida for use in Crumb Rubber Modified Asphalt highway projects. Smaller amounts are expected to be sold to various molded products manufacturers for such items as rubber mats, tiles, fences, and agricultural soak hoses.

In July 1998, Southeast Paper Recycling Company's Orlando division announced plans to expand operations into Sumter County. Southeast Paper Recycling is a subsidiary of Southeast Paper Manufacturing Company of Dublin, Georgia, the world's largest producer of 100 percent recycled newsprint. Southeast places newspaper recycling bins for nonprofit groups at no cost and pays for the material collected. Southeast typically works with churches, schools, civic groups, publishers, retirement communities, homeowners associations, and a variety of charitable organizations.

- (d) **A demonstration that the materials to be collected or processed, or both, are not presently being recovered to the extent necessary to meet the goal established in Section 403.706 (4), F.S. and would not be so recovered, but for the proposed recycling or waste reduction project and a description of the method used to make this determination. This demonstration shall include an explanation of how existing private and public sector recycling programs and efforts will be incorporated into the recycling or waste reduction education program.**

The County conducts an annual survey of private and public recycling programs to determine the materials collected or waste reduced and the markets for these materials. The 1997-1998 survey confirms that only two private recyclers currently operate in Sumter County (Beeman's Salvage and Lynch Recyclers) and that these private recyclers collect relatively small quantities of a limited variety of materials (ferrous and non-ferrous metals and OCC). By far, the greatest portion of Sumter County's recovered materials are collected at the County-owned and operated SCSWF. The County's annual survey also confirms that recyclables collected from all sources in the County are marketed to out-of-county processors or end-users.

While private sector recyclers play a potentially important role in the County's recycling infrastructure (particularly as population increases and demographics shift), they do not currently have the capacity to offer the necessary services and economic incentives for the County to achieve statutory recycling and waste reduction goals. Therefore, achieving the state mandated goal of 30% reduction in the amount of disposed MSW would be impossible in the absence of the public sector recycling programs.

The County currently has no contracts with private recycling/waste reduction service providers in Sumter County, and the County had no contracts with private recycling/waste reduction service providers in Sumter County during the past fiscal year. No Sumter County private recycling/waste reduction service providers were utilized because none have the capacity to process the necessary quantities and variety of materials.

- (e) A summary of all costs incurred, or to be incurred, in planning or implementing the recycling, waste reduction, and education projects.

Table 8, *Recycling Program Cost Summary* provides a summary of costs incurred during the 1997-1998 grant year. The projected program costs are presented in Table C, *Projected Recycling Program Costs for 1998-1999*, below.

<b>TABLE C</b> <b>PROJECTED RECYCLING PROGRAM COSTS FOR 1998-1999</b>	
PROGRAM AREA	AMOUNT
<b>Equipment and Building Costs:</b> Lab Center and Testing Equipment MRF extension to accommodate direct feed Installation of direct-feed system Roll-off trucks and containers Installation of Potable Water System	\$210,000
<b>Operating Expenses:</b> Scale Maintenance, Calibration, and Repair Salaries, Wages, and Benefits Research and Development Disposal of Residuals Technical Operating Assistance for SCSWF Maintenance Utilities	\$1,070,468
<b>Planning &amp; Engineering Studies:</b> Innovative Recycling Project (UBBM) EPA Compost Project EPA/IFAS Study	\$75,000
<b>Public Education:</b> Production & Distribution of Recycling Brochure Educational Tours & Materials Administration of Adopt-a-Highway Program Hazardous Waste Amnesty Day Business Recycling Workshop	\$25,000
<b>TOTAL PROJECTED PROGRAM COSTS</b>	<b>\$1,380,468</b>

(f) **Any contracts or agreements entered into or summaries of contemplated agreements or contracts to develop and implement the recycling or waste reduction program.**

The County currently contracts for goods and services in connection with recycling of materials that count toward the State-mandated recycling goals. The County believes that these contracts are mutually beneficial and do not discriminate against existing private collection or disposal services. See Appendix A, *Existing Contracts and Interlocal Agreements*, for copies of the following existing contracts:

***Sumter County Correctional Institute (SCI):*** Sumter County entered into a contract with SCI for recycling services commencing May 10, 1995. That contract has been renewed for two consecutive one-year terms and will continue in effect through May 9, 1998. Pursuant to the terms of the contract, the County provided SCI with materials for the construction of a recycling processing building at SCI and a baler to process recyclables for marketing. SCI collects recyclable materials and prepares materials for marketing. The County picks up and markets baled OCC, steel cans, ferrous metals, and plastics. The SCI may either market recovered aluminum or arrange for the County to market the material on behalf of SCI.

By addendum to the contract between the County and SCI, the County agrees to use inmate work squads to perform specified work at the SCSWF, including, but not limited to, maintenance and general labor.

***Bayside of Marion, Inc.:*** On September 3, 1997, the County entered into an agreement with Bayside of Marion, Inc. for the disposal of Class III material to be delivered to Bayside's Class III landfill. The agreement is for price only for an unspecified term.

***Bedminster Bioconversion Corporation:*** In May 1996, the County entered into a contract with Bedminster Bioconversion Corporation for the installation, start-up, and acceptance of an aerobic digester at the SCSWF. Installation, start-up, and acceptance testing were completed during the 1996-1997 grant year, but the County has not yet issued final acceptance of the facility. Because of its length, the complete contract is not included with this application but is available from the County. A letter documenting execution of the contract is included in Appendix A, *Existing Contracts and Interlocal Agreements*.

**D & C Landfill:** The County has a rate agreement dated August 22, 1991 with D & C Landfill for processing and disposal of construction and demolition debris. The agreement is for price only for an unspecified term.

**NRG/Recovery Group:** On April 8, 1991, Sumter County entered into a contract with NRG/Recovery Group, Inc. for the disposal of acceptable waste at the Lake County Waste-to-Energy Facility. The County's contract with NRG was assigned to Ogden Martin when that company took over operations of the facility and continues in effect.

**Sumter County Correctional Institute (SCI):** Sumter County entered into a contract with SCI for recycling services commencing May 10, 1995. That contract has been renewed for three consecutive one-year terms and will continue in effect until May 9, 1999. Pursuant to the terms of the contract, the County provided SCI with materials for the construction of a recycling processing building at SCI and a baler to process recyclables for marketing. The County picks up and markets baled OCC, steel cans, ferrous metals, and plastics collected by SCI. SCI may either market recovered aluminum or arrange for the County to market the material on behalf of SCI.

By addendum to the contract between the County and SCI, the County agrees to use inmate work squads to perform specified work at the SCSWF, including, but not limited to, maintenance and general labor.

**TIA Solid Waste Management Consultants, Inc.:** Sumter County contracts with TIA Solid Waste Management Consultants, Inc. (TIA) for recycling and solid waste management consulting services, including the preparation of the 1997-1998 Recycling and Education Grant Application; technical assistance with planning, designing, implementing, and operating the SCSWF; development and implementation of recycling policies and procedures; design and implementation of recycling programs; and development and implementation of public education activities.

- (g) The measurable objectives of the education program, and an explanation of how the education program will directly promote the use of an existing or planned local recycling or waste reduction project.

*Single Family/Multi-Family Activities*

**SCSWF and Recycling Drop-Off Center:** The County has identified two primary objectives for its residential recycling program in the 1997-1998 grant year: establishing higher materials diversion rates for the SCSWF and increasing County-wide recycling rates. While the first objective can best be achieved by careful planning to maximize facility design and operating efficiencies, accomplishing the second objective will directly depend upon increased public participation. In the absence of curbside collection programs, drop-off centers are the foundation of the County's residential recycling program.

To increase recycling rates, the County proposes to undertake the following educational activities to promote the use of the County's Recycling Drop-Off Center:

- ☐ Monitor the impact on participation rates of the recently-completed renovation of the Recycling Drop-Off Center and modify operational procedures to maximize participation.
- ☐ Develop brief informational presentations for local TV broadcast to promote recycling and composting and to describe Sumter County's recycling programs.
- ☐ Develop, reproduce, and distribute informational brochures to County residents and to visitors to the SCSWF promoting recycling and introducing the new Recycling Drop-Off Center.
- ☐ Distribute press releases to the *Sumter County Times*, various Cities' newsletters, and other neighborhood newsletters announcing completion of the SCSWF and inviting residents to tour the facility. (The *Sumter County Times* is received by approximately 50% of the County's households, and Wildwood's newsletter reaches approximately 75% of the City's residents.)

- ❑ Conduct SCSWF Awareness Tours. Guided tours of the SCSWF are offered to County residents, businesses, civic groups, and schools. These events provide an excellent opportunity to promote recycling and increase collections at the Recycling Drop-Off Center.

***The City of Wildwood Drop-Off Centers:*** The County plans to support the City's recycling program by assisting the City in developing brochures to promote recycling for distribution to City residents. The County will also prepare a press release for publication in the City's newsletter announcing completion of the SCSWF and inviting City residents to tour the facility. (Wildwood's newsletter is read by 75% of the City's residents.) The effects of the County's educational activities will be measured directly by comparing drop-off center collection quantities for 1997 with those for 1996.

#### ***Commercial Educational Activities***

During a prior grant year, the County conducted a survey to assess interest in business recycling and waste reduction programs. Response to that survey was positive, and the County plans to continue to promote business recycling and waste reduction programs by sponsoring a workshop designed to help businesses institute in-house programs to recover recyclables, reduce waste, and buy recycled. The results of the County's educational activities and workshop will be directly measured by comparing the number of businesses reporting in-house recycling programs in 1998 with the number reported in 1997.

#### ***Other Community Educational Activities***

***Public School Programs:*** Presentations by SCSWF staff at County schools have been well received, and the County plans to continue this program during the 1998-1999 grant year. The County expects to provide 100 compost samples and 250 informational brochures to local schools during these presentations. The County also plans to continue the policy of supplying compost to schools for use in xeriscaping and beautification projects.



With the completion of the SCSWF, the County expects the number of tours by school groups to increase, and the County will continue to support classroom recycling programs and actively participate in school-sponsored events such as Earth Day.

The impact of these educational activities are indirect and are, therefore, more difficult to measure. However, one measure of the success of school programs will be the number of presentations made and tours conducted during the 1998-1999 grant year compared to the numbers reported during the current grant year.

***Adopt-a-Highway:*** As a part of the Litter Control and Prevention Grant, Sumter County will continue the Adopt-a-Highway program during the 1998-1999 grant year. Through this program, which is administered by the Sumter County Public Works Department, volunteer groups and local businesses enter into a two-year contract to adopt at least a two-mile segment of local roadways. Groups commit to collect litter from the adopted roadway at least four times a year. During the 1997-1998 grant year, 19 groups participated in this popular program (compared with 15 groups during 1996-1997), and the goal is to increase this number during the coming year.

**(h) A description of the methods to be used in evaluating the success of the education, recycling, and waste reduction programs.**

Generally, the success of the planned education, recycling, and waste reduction programs will be evaluated by comparing materials recovery rates for 1997-1998 grant year with those for the 1998-1999 grant year. The results of the EPA study, which will be available in October 1998, will also provide important benchmarking information regarding material diversion rates.

More specifically, the success of the educational activities planned to promote collections at the County Recycling Drop-Off Center will be measured directly by comparisons of collection rates before and after the proposed activities. The effectiveness of the educational activities planned in connection with the City of Wildwood's recycling program, commercial recycling programs, and other public education activities will be evaluated as indicated in the discussion of those activities in 5(g), above.

**(i) An explanation of the manner in which the recycling or waste reduction program will be implemented.**

Sumter County will continue to expand recycling programs under the direction of the Sumter County Public Works Department Director and staff at the SCSWF. Existing County staff, supplemented by technical assistance from the County's recycling consultant and by support from staff of local governments, will implement the planned recycling and education programs.

The SCSWF and the County's recycling programs serve single-family, multi-family, and commercial generators. Because the SCSWF is the primary means by which recycling objectives will be met, detailed explanations of how the programs will be implemented by generator type are not presented here. However, sections 5(a), 5(c), 5(g), 5(h), and 5(j) include detailed considerations of County's recycling programs, the measurable objectives for implementation, and the timeline for implementation.

- (j) **A timetable for the continued development and implementation of the recycling or waste reduction program.**

See Table 9, *Timetable for Continued Development and Implementation of Recycling/Waste Reduction Programs*. The programs to be implemented are described in Sections 5(a), 5(c), and 5(g).

**(k) The estimated percentage of the population participating in various types of recycling or waste reduction activities.**

See Table 5, *Participation in Recycling (Average for the Calendar Year, 1997)*. In the absence of curbside collection services, the County depends upon self-haul and voluntary participation in recycling, and the County currently operates no mandatory recycling programs.

All residential, commercial, and governmental/institutional sectors in Sumter County have access to drop-off centers at the SCSWF and in the City of Wildwood. SCSWF staff estimate that approximately 35 % of the County's single-family and multi-family residents that use the SCSWF participate in the County's recycling drop-off program and approximately 20% of the commercial haulers participate. City of Wildwood staff estimate that approximately 40% of the City's residential population participates in the recycling drop-off program.

- (I) **The percent reduction each year in municipal solid waste disposed of at solid waste disposal facilities as a result of public and private recycling or waste reduction programs, including the success rates, perceived reasons for failure or success, and the public and private sector recycling activities which are ongoing and most successful.**

Table 1, *Municipal Solid Waste Collection and Recycling (January 1, 1997 - December 31, 1997)*, summarizes materials collected and recycled by both public and private sectors in Sumter County. The recycling rate reported in Table 1 reflects a decline from the rate reported for 1996. This decline results primarily from a decrease in the quantity of compost produced from 1996 to 1997 as well as from a decrease in the quantities of C&D recycled. This decrease in compost production results in lower recycling rates for compostable materials including yard waste, office paper, other paper, food waste, and miscellaneous materials. Composting and recycling activities were curtailed during 1997 during construction, acceptance testing, and shake down of the compost digester.

The County anticipates that once the SCSWF is fully operational, landfilled and combusted quantities will decline significantly and recycling rates will increase.

#### ***Waste Reduction Base Year***

Sumter County endorses using the initial grant year as the base for measuring progress toward waste reduction goals. The 1987-1988 grant year data serve as a logical baseline because they represent waste generation and recycling quantities prior to implementation of programs funded by Recycling and Education Grants.

- (m) **A description of the type and the weight of solid waste generated within the applicant's service areas and the general type and the weight of solid waste that is expected to be generated within the service areas in the twenty (20)-year period following the date of the grant application.**

Table 3, *Current and Future MSW Collection and Recycling by Generator Type*, summarizes the type and weight of solid waste generated in Sumter County during 1996 and estimated quantities for 1997 and 2016. In Section A, the total quantity of MSW collected for 1997 equals Net MSW reported in Table 1, *Municipal Solid Waste Collection and Recycling*. Percents of total tons by generator types are based on staff estimates, prior years' reports, and staff's knowledge of the County's waste stream. Tons collected by generator type were calculated by multiplying the total tons collected by individual generator percentages.

In Section B, populations for 1997 and 2016 were estimated using projections for 2000 published in the *Florida Statistical Abstract 1996*. Collection rates for 1996 were normalized to adjust for atypical C&D quantities and projected for 1997 and 2016. Recycling projections assume a 10% increase in recycling rates based on operation of the MRF for the full year and operation of the compost digester for six months during 1997. Generator percents were adjusted based on staff estimates.

For Table 4, *MSW to be Collected and Recycled*, summarizes recycling projections for 1997 and 2016 by material type. Projections of quantities to be collected and recycled are based on a waste composition study completed in 1991. Waste percentages reported in the 1991 study have been adjusted to accurately reflect increased construction activity in the County and the resulting increase in quantity of C&D generation. C&D quantities are expected to continue to contribute a significant percentage of the waste stream due to the Villages of Sumter, a 12,000 unit community that is currently under construction. The County conducted a waste composition study in August 1998, and results of that study will be available in October 1998.

- (n) **An identification and description of the facilities where solid waste is being disposed of or processed, the remaining available permitted capacity of such facilities, any planned increases in the capacity of such facilities, and the anticipated effect of recycling or waste reduction programs on the type and size of such facilities.**

Sumter County has one C&D debris landfill and no Class I waste disposal facilities within its jurisdiction. All MSW that cannot be disposed of at the C&D landfill must be processed at the SCSWF or transported out of the County for disposal. See Table 6, *Municipal Solid Waste Management Facilities as of 1998*, for a summary of disposal capacity available to Sumter County.

**D & C Landfill:** The D&C Landfill is a privately owned and operated construction and demolition landfill located in Sumter County. The landfill is permitted for the next 14 years and has a remaining capacity of 421,440 cubic yards. Bill Gregory, the facility owner, estimates that approximately 10% of the material delivered to the facility is recovered for recycling and that approximately 10% of the material received is generated outside of the County. Tipping fees range from \$3 to \$5 per cubic yard for the general public and are \$17 per ton for material delivered by the SCSWF.

**SCSWF:** The SCSWF is a recently completed, County-owned and operated recycling and composting facility designed to process 100 tons of MSW per day. The facility's design capacity is expected to meet the County's needs for a number of years, and the County has no immediate plans to expand its operations. Residuals not recovered as recyclables or compost are transported out of the County for disposal as appropriate. Current tipping fees at the SCSWF are presented below:

- ☐ \$49.50 per ton for commercial disposal (i.e., more than ten bags or more than four barrels);
- ☐ \$.50 per bag (for residents) up to ten bags a day;
- ☐ \$1.50 per 55 gallon drum (for residents) up to four drums; and



- ☐ \$35 per year for senior citizens and disabled persons with permits for a maximum of five bags of household waste per week.
- ☐ Unseparated loads combining household waste with yard waste, white goods or C&D material are charged double the normal rate.

Special item fees are as follows:

- ☐ \$2.50 per tire for car tires; \$4 per tire for car tires with rims;
- ☐ \$5 per tire for truck tires; \$7.50 per tire for truck tires with rims;
- ☐ \$75 per ton for more than ten tires of 1,020 pounds or less per tire;
- ☐ \$150 per ton for tires larger than 1,020 pounds (e.g. front end loader tires);
- ☐ \$49.50 per ton for segregated yard waste; double charge if mixed with MSW;
- ☐ No charge for less than five oil filters; \$1 per filter for more than five filters and \$100 per barrel for 55-gallon barrels.

***Bayside of Marion Class III Landfill:*** While this facility is located outside of Sumter County, it is noted here because Sumter County disposed of materials at the Class III landfill during the reporting year. During 1997, Sumter County delivered approximately 1,610 tons of material to the Marion County facility and pays a tipping fee of approximately \$2.50 per cubic yard. Because the facility is located outside of Sumter County, the capacity of the facility was not included in Table 6, *Municipal Solid Waste Management Facilities (As of June 1998)*.

***Lake County Waste to Energy (WTE) Facility:*** While this facility is located outside of Sumter County, it is noted here because Sumter County disposed of materials at the WTE during construction of the MRF at the new SCSWF. In addition to materials transported from the SCSWF, commercial haulers deliver material collected in Sumter County to the WTE

facility directly. During 1997, Sumter County transported approximately 17,271 tons of material to the Lake County WTE facility. As a result of completion of construction and increased operations at the SCSWF, the amount of material delivered to the Lake County WTE facility during 1997 was somewhat lower than the 19,000 tons delivered in 1996. Sumter County pays a \$45 per ton tipping fee at the Lake County WTE facility. Because the facility is located outside of Sumter County, the capacity of the facility was not included in Table 6, *Municipal Solid Waste Management Facilities (As of June 1998)*.

- (o) **An explanation of how existing or anticipated solid waste reduction or recycling will affect the type and size of any planned or existing solid waste management facilities in the affected service areas.**

The new SCSWF is designed to process 100 tons of MSW per day and is expected to recover up to 75% of the waste stream as recyclable materials and compost. Facility capacity can be expanded by the addition of operating shifts to the MRF and by adding compost digester units to the existing composting system. The facility is designed to meet the County's solid waste management needs for many years.

The County's objectives for the 1998-1999 grant year include establishing materials diversion rates and marketability as a first step toward maximizing materials recovery. The County hopes to increase the facility's operating efficiencies to achieve high diversion rates, to recover marketable materials, and to enhance compost production. The County's objectives also include increasing collections of source-separated recyclables through drop-off center programs. These programs tend to be more cost effective than MRF processing because they require minimal processing.

As these objectives are achieved, the County anticipates that the quantity of materials requiring disposal will decrease significantly. The County's reduced disposal rates are expected to directly impact the Lake County WTE where most of the County's materials were disposed during the 1997-1998 grant year. Completion of the SCSWF should have no impact on the quantity of materials disposed of at the C&D landfill facility since these materials are already being screened for recyclables and can not be composted. During the 1998-1999 grant year the County expects to continue to dispose of non-recyclable, non-compostable residuals at the Class III landfill facility operated by Bayside of Marion, Inc., which is located outside Sumter County.

**(p) A description and evaluation of solid waste that is being or could be recycled, including, but not limited to:**

- (1) The type and weight of solid waste or materials which would otherwise become solid waste that is being or could be recycled by the public and private sector, giving consideration at a minimum to the following materials: glass, aluminum, steel and bimetallic materials, office paper, yard trash, newsprint, corrugated paper, and plastics.**

A recycling survey was conducted of private sector businesses and public sector entities such as schools, prisons, and cities in Sumter County to collect information concerning the type and quantities of materials being recycled. Table 1, *Municipal Solid Waste Collection and Recycling*, summarizes the information collected.

- (2) The anticipated and available markets or uses for materials collected through recycling programs.**

The County prepares materials on-site for marketing and actively seeks multiple end-use markets for the materials recovered through the County's recycling programs.

Current available markets by material type include the following:

- ☐ Aluminum: Ocala Recycling, Ocala, Florida and All American Recycling, Ocala, Florida;
- ☐ Compost: residential, commercial, and governmental/institutional entities;
- ☐ Ferrous Metals: Scrap All, Tampa, Florida, All American Recycling, Ocala, Florida, and Sunstate Recycling, Fruitland Park, Florida;
- ☐ Lead-Acid Batteries: Hurricane Batteries, Leesburg, Florida;
- ☐ Newspaper: Southeast Paper, Orlando, Florida and Jefferson Smurfitt, Fernandino, Florida;
- ☐ OCC: Jefferson Smurfitt, Fernandino and Jacksonville, Florida;
- ☐ Oil: International Oil Service, Plant City, Florida;

- ☐ Plastic: Scrap All, Tampa, Florida;
- ☐ Tires: Florida Tire Recycling, Port St. Lucie, Florida;
- ☐ White Goods: A-Home Appliances, Ocala, Florida;
- ☐ Yard Waste (chipped on site): Public Works Department and County residents.

- (3) **The estimated costs of and revenue from operating and maintaining existing and proposed recycling programs. This does not include specific costs and revenues from privately operated recycling programs, but a summary of such costs and revenues is required if the applicant intends to provide funding for such programs.**

Table 8, *Local Government Recycling Program Cost Summary*, summarizes 1997-1998 expenditures for the County's recycling program. The County's projected costs and revenues for 1998-1999 are summarized below. Because the SCSWF serves single-family residential, multi-family residential and commercial generators, projections are not itemized by generator types.

*Projected Recycling Revenues and Expenditures for 1998-1999*

**PROJECTED REVENUES**

Tipping Fees & Recycling Revenues	\$1,079,779
Solid Waste Recycling & Education Grant	102,108
Other Grant Revenues	448,320

<b>TOTAL PROJECTED REVENUES</b>	<b>\$1,630,207</b>
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**PROJECTED EXPENDITURES**

Equipment & Building Costs	\$ 210,000
Operating Expenses	1,070,468
Planning and Engineering Studies	75,000
Public Education	25,000

<b>TOTAL PROJECTED EXPENDITURES</b>	<b>\$ 1,380,468</b>
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**(q) A description of any recycling programs implemented or existing prior to July 1, 1989.**

Answer is not required, pursuant to DEP instructions to the 1998-1999 Grant application.

- (r) **Local governments whose comprehensive plans have been submitted at the time of application shall provide an explanation of how the recycling program relates to the future land use elements, sanitary sewer, solid waste, drainage, potable water, and natural groundwater aquifer recharge elements; intergovernmental coordination elements; and capital improvements elements of the local government comprehensive plans prepared pursuant to part II of chapter 163, F.S. by the County or municipality.**

Sumter County's Comprehensive Plan for the period 1991 to 2001 (Plan) was prepared in February 1992. The Plan incorporates the State's 30% waste reduction and recycling goals and specifies minimum service levels to manage an average per capita generation rate of 2.04 pounds per day. Consistent with the Plan's requirements, the County completed construction and renovation of the SCSWF. That facility is expected to provide adequate MSW processing capacity for Sumter County through 2015.

The Plan also specifies hazardous waste management objectives. Pursuant to the Plan, a hazardous waste transfer/temporary storage site has been established and annual hazardous waste Amnesty Days are planned and carried out.

**City of Webster:** The City of Webster adopted its current comprehensive plan on September 12, 1991. The City estimates its contribution to the County's solid waste stream to be 4,430 pounds per day, or approximately 5.94 pounds per day per capita. Policy 3-3 of the City's plan requires the City of Webster to cooperate with the County to promote the County's annual "Amnesty Days" for proper disposal of hazardous wastes. The City's plan also commits the City to informing residents of proper disposal methods and of the location of available storage and transfer facilities.

**City of Wildwood:** According to the City of Wildwood's Comprehensive plan, the City expects to generate 3.55 pounds per capita per day. Pursuant to its plan, the City operates a voluntary drop-off center recycling program, from which marketing revenues are generated to offset solid waste collection and disposal costs. The plan commits the City to cooperate with Sumter County in conducting hazardous waste "Amnesty Days."

**City of Bushnell:** In the City's plan, the 1991 level of service was estimated to be 4.36 pounds per capita per day.



**City of Center Hill:** The City of Center Hill's comprehensive plan provides for a level of service of 1,889 cubic yards per capita per year. Assuming an average of 787 pounds per cubic yard, this volume converts to 4.07 pounds per capita per day.

**City of Coleman:** The City of Coleman adopted a comprehensive plan on October 24, 1991. Policy 3-1-1 of this plan commits the City to cooperating with the County to provide a solid waste monitoring system to assess the amount and type of material comprising the City's solid waste stream with the objective of obtaining a 30% or greater reduction in the quantity generated for disposal through processing at the SCSWF. The comprehensive plan does not estimate a generation rate for Coleman. Policy 3-1-3 of the plan requires the City to cooperate with the County to promote Sumter County's "Amnesty Days" for proper disposal of hazardous wastes. The plan also commits the City to informing residents of proper disposal methods and of the location of available storage and transfer facilities.

**(s) A description of how all special wastes will be managed.**

Special waste including used oil, used oil filters, tires, white goods, and lead acid batteries are collected at the SCSWF and marketed to end-use markets and processors. Construction and demolition materials collected at the SCSWF are transported to the privately-owned and operated D&C Landfill located in Sumter County for disposal and recycling.

Presently no biohazardous/hazardous waste is accepted in Sumter County, and any biohazardous waste brought to the SCSWF is rejected. Haulers attempting to deliver hazardous material to the facility are advised to use the nearest available hazardous waste disposal facility or store the waste until the next Amnesty Day.

Sumter County, in cooperation with Marion County, conducts annual hazardous waste Amnesty Days and plans to continue to provide this service to residents and businesses. See Section 5(a) for a more detailed presentation of Amnesty Day activities.

- (t) A description of the progress made toward developing a composting program for organic materials such as yard waste, food waste, and paper waste that would otherwise be disposed of in a landfill**

The SCSWF is a recycling and composting facility designed to convert materials such as yard waste, food waste, paper, and other organic waste into a useful compost product. In effect, all non-recyclable waste is composted at the facility. After the County's MSW is processed to recover recyclable materials, it is introduced into an aerobic compost digester for biomechanical processing. Digested compost is screened, and residuals are transported for disposal at a properly permitted disposal facility. After curing in windrows, the compost is ready for marketing. The EPA funded study conducted during the 1997-1998 grant year will benchmark materials recovery rates for the facility. The County anticipates eventually recovering up to 75% of the incoming waste stream as recyclables and compost.

Segregated yard waste is also accepted and processed at the SCSWF. Yard waste delivered to the facility is chipped, used on site for soil erosion control, and made available to the County's residents and businesses without charge.

**(u) A description of the procurement policies and activities by County and City governments who will be utilizing the Recycling and Education Grant monies.**

Currently no governmental entities in Sumter County have adopted formal recycled content procurement policies. However, recycled products are purchased whenever quality, cost, and availability are comparable to non-recycled content materials. Governmental entities report purchasing tissue products and computer paper made from recycled content, and all SCSWF promotional literature and recycling program educational brochures are printed on post-consumer recycled content paper.

**EXTENSION AGREEMENT BETWEEN SUMTER COUNTY AND THE CITY OF  
BUSHNELL FOR THE USE OF THE 1998-99 SOLID WASTE MANAGEMENT TRUST  
FUND RECYCLING AND EDUCATION GRANT**

THIS AGREEMENT, made this 1<sup>st</sup> day of June, 1998, by and between Sumter County, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as "county", and the following city within the Sumter County, Bushnell, hereinafter collectively referred to as the parties.

WHEREAS, the parties hereto have previously entered into an agreement to meet the requirements of the 1988 Solid Waste Act adopted by the State of Florida; and,

WHEREAS, Sumter County continues to receive for disposal the waste stream of the City at the Sumter County Volume Reduction Facility and MSW Composting Facility; and,

WHEREAS, the city is required to meet the waste stream reduction requirement of the 1988 Solid Waste Act; and,

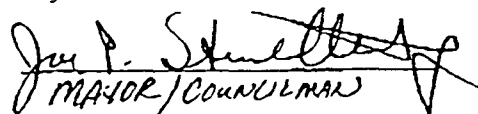
WHEREAS, the parties desire to extend the original agreement dated June 27, 1989, to the 1998-99 Recycling and Education Grant on the same terms and conditions set forth in the original agreement:

NOW, THEREFORE in consideration for the mutual benefits to flow to each other, the County and City agree as follows:

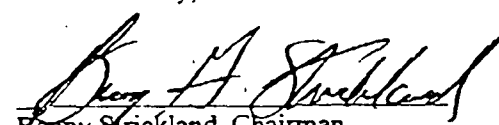
That certain interlocal agreement entered into between the parties originally dated June 27, 1989, is hereby extended to cover the 1998-99 Recycling and Education Grant and shall continue until such time as those funds are expended.

IN WITNESS WHEREOF, the parties hereto have caused this interlocal agreement to be executed for the uses and purpose therein expressed on the day and year first above written.

City of Bushnell

  
\_\_\_\_\_  
MAYOR/COUNCILMAN

Sumter County, Florida

  
\_\_\_\_\_  
Benny Strickland, Chairman  
Board of County Commissioners

**EXTENSION AGREEMENT BETWEEN SUMTER COUNTY AND THE CITY OF  
COLEMAN FOR THE USE OF THE 1998-99 SOLID WASTE MANAGEMENT TRUST  
FUND RECYCLING AND EDUCATION GRANT**

THIS AGREEMENT, made this 9<sup>th</sup> day of June, 1998, by and between Sumter County, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as "county", and the following city within the Sumter County, Coleman, hereinafter collectively referred to as the parties.

WHEREAS, the parties hereto have previously entered into an agreement to meet the requirements of the 1988 Solid Waste Act adopted by the State of Florida; and,

WHEREAS, Sumter County continues to receive for disposal the waste stream of the City at the Sumter County Volume Reduction Facility and MSW Composting Facility; and,

WHEREAS, the city is required to meet the waste stream reduction requirement of the 1988 Solid Waste Act; and,

WHEREAS, the parties desire to extend the original agreement dated June 27, 1989, to the 1998-99 Recycling and Education Grant on the same terms and conditions set forth in the original agreement:

NOW, THEREFORE in consideration for the mutual benefits to flow to each other, the County and City agree as follows:

That certain interlocal agreement entered into between the parties originally dated June 27, 1989, is hereby extended to cover the 1998-99 Recycling and Education Grant and shall continue until such time as those funds are expended.

IN WITNESS WHEREOF, the parties hereto have caused this interlocal agreement to be executed for the uses and purpose therein expressed on the day and year first above written.

City of Coleman



Sumter County, Florida



Benny Strickland, Chairman  
Board of County Commissioners

**EXTENSION AGREEMENT BETWEEN SUMTER COUNTY AND THE CITY OF  
WILDWOOD FOR THE USE OF THE 1998-99 SOLID WASTE MANAGEMENT TRUST  
FUND RECYCLING AND EDUCATION GRANT**

THIS AGREEMENT, made this 9<sup>th</sup> day of June, 1998, by and between Sumter County, a political subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as "county", and the following city within the Sumter County, Wildwood, hereinafter collectively referred to as the parties.

WHEREAS, the parties hereto have previously entered into an agreement to meet the requirements of the 1988 Solid Waste Act adopted by the State of Florida; and,

WHEREAS, Sumter County continues to receive for disposal the waste stream of the City at the Sumter County Volume Reduction Facility and MSW Composting Facility; and,

WHEREAS, the city is required to meet the waste stream reduction requirement of the 1988 Solid Waste Act; and,

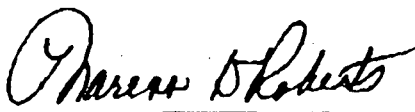
WHEREAS, the parties desire to extend the original agreement dated June 27, 1989, to the 1998-99 Recycling and Education Grant on the same terms and conditions set forth in the original agreement:

NOW, THEREFORE in consideration for the mutual benefits to flow to each other, the County and City agree as follows:

That certain interlocal agreement entered into between the parties originally dated June 27, 1989, is hereby extended to cover the 1998-99 Recycling and Education Grant and shall continue until such time as those funds are expended.

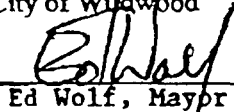
IN WITNESS WHEREOF, the parties hereto have caused this interlocal agreement to be executed for the uses and purpose therein expressed on the day and year first above written.

ATTEST:



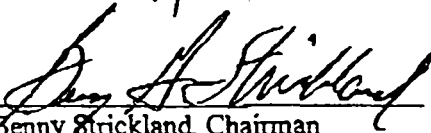
Marena D. Roberts, Assistant City Clerk

City of Wildwood



Ed Wolf, Mayor

Sumter County, Florida



Benny Strickland, Chairman  
Board of County Commissioners



**EASTERN ENVIRONMENTAL  
SERVICES, INC.  
BAYSIDE OF MARION, INC.  
"Class III Landfill"**

**BAYSIDE OF MARION QUOTE SHEET  
100 CUBIC YARD, 20 TON CAPACITY TRAILER**

August 6, 1997

Sumter County  
319 E. Anderson Av.  
Bushnell, FL 33513  
Gary Breeden

Dear Gary :

Bayside appreciates the opportunity to quote on your Class III material to be transported and disposed at Bayside of Marion, Inc.

**COST PER YARD :**

**\$2.50**

**PAYMENT TERMS :**

**PAYMENT TERMS SHALL BE NET  
30 DAYS UPON RECEIPT**

THIS PROPOSAL IS VALID FOR 35 DAYS FROM 8/06/97 AND IS BASED ON THE ABOVE INFORMATION. PLEASE SIGN INDICATING ACCEPTANCE OF THIS PROPSAL BY YOUR COMPANY AND FAX BACK TO BOMI. YOUR SIGNATURE BELOW INDICATES YOUR ACCEPTANCE OF THESE TERMS.

**ACCEPTED BY CUSTOMER :**

**BY :** *Karen S. Krauss*

*KAREN S. KRAUSS* Chairman  
**PRINT NAME AND TITLE**

**DATE :** 9/3/97

cc: Mitch Kessler / TIA

**ACCEPTED BY BOMI**

**BY :** *Charles Merkle*  
**Charles Merkle / General Manager**  
**Bayside of Marion, Inc.**





May 29, 1996

Mr. Garry Breeden, Director  
Sumter County Public Works Department  
319 East Anderson Avenue  
Bushnell, Florida 33513

Dear Mr. Breeden,

Enclosed please find three (3) executed copies of the contract between Sumter County and Bedminster.

By the time you receive this, Roder Russo will probably have talked to you about Schedule III, which you questioned. The correct and agreed-upon Schedule III has been inserted in the three enclosed copies in place of the incorrect version.

We are pleased to have the opportunity to be a contributor to your composting operation. I remember when your plant was in the planning stage. It has to be the oldest continuously-operating solid waste composting plant in the Western Hemisphere. Congratulations and the best wishes for continued success. Call me or Roder at any time should anything come up which requires our attention. As you probably know, we are moving our headquarters staff to Marietta, Georgia, where we presently have an office at 145 Church Street, Zip Code 30060. I'll be at the Marietta office starting next week.

Sincerely,

A handwritten signature in dark ink, appearing to read "H. Edinger".

Hugh M. Edinger  
Vice President

8/22/91

Garry Breeden  
Sumter County Public Works  
222 E. McCollum Ave.  
Bushnell, FL 33513

Re: Disposal rates for construction and demolition debris at D & C  
Disposal Inc.

Dear Garry,

D & C Disposal will accept construction and demolition debris from  
Sumter County utilizing the following rate schedule:

1. C & D material delivered to D & C by County - \$17.00 per ton.
2. C & D material delivered by private haulers but coming from  
County facility - \$17.00 per ton.
3. Trees and stumps from construction demolition delivered by  
Sumter County Public Works - \$5.00 per cu. yd.
4. All C & D delivered by Sumter County Public Works \$17.00 per  
ton.

D & C Disposal will invoice Sumter County monthly for materials  
delivered for disposal.

These Rates will be in force until further notice.

Sincerely,

*William H. Gregory*

## SPOT WASTE DISPOSAL AGREEMENT

This Spot Waste Disposal Agreement, as may from time to time be amended and supplemented (the "Agreement"), is made as of this 9th day of April, 1991, between NRG/Recovery Group, Inc., a Florida corporation ("NRG"), with offices at 40 Lane Road, Fairfield, NJ 07007-2615 and Sumter County, a political subdivision of the state of Florida (the "County"), with offices at 209 North Florida Street, Bushnell, Florida.

Pursuant to a certain service agreement dated as of November 8, 1988, between Lake County, Florida and NRG as from time to time amended and supplemented (the "Service Agreement"), NRG owns and operates a solid waste disposal and resource recovery facility (the "Facility") located at 3830 Rogers Industrial Pk Rd., P.O. Box 189, Okahumpka, FL 34762 (the "Facility Site").

The County has requested and NRG has agreed to permit the County to dispose of Acceptable Waste (defined below) at the Facility in accordance with, and subject to, the terms and conditions of this Agreement.

In recognition and consideration of the above, and intending to be legally bound, NRG and the County (together, the "Parties") agree as follows.

### ARTICLE 1 - DEFINITIONS

**1.01 Definitions.** Each of the capitalized terms used in this Agreement, unless otherwise expressly defined in this Agreement, shall have the meanings set forth in this Section. Such meaning shall apply equally to all forms of such term.

(a) "Acceptable Waste" shall have the meaning set forth in Schedule A.

(b) "Hazardous Waste" shall have the meaning set forth in Schedule A.

(c) "Receiving Time" means the hours between 7:30 a.m. and 5:00 p.m. Monday through Friday and the hours between 7:30 a.m. and 5:00 p.m. on Saturday (excluding holidays), or such other hours as NRG may designate from time to time.

(d) "Solid Waste" shall have the meaning set forth in Schedule A.

(e) "State" shall mean the state in which the Facility is located.

(f) "Tipping Rate" shall mean the rate charged at the Sumter County Landfill/Composting facility which as of the date of this contract is \$22.00/ton.

(g) "Unacceptable Waste" shall have the meaning set forth in Schedule A.

## ARTICLE 2 - RIGHTS AND OBLIGATIONS

### 2.01 Delivery; Acceptance; Testing.

(a) The County shall have the right to deliver Acceptable Waste to the Facility on a "spot" basis, that is, when Facility Capacity is made available to the County by NRG. NRG shall be under no obligation to make such Facility capacity available to the County.

(b) The County shall deliver only Acceptable Waste to the Facility. THE PARTIES RECOGNIZE THAT DELIVERY OF UNACCEPTABLE WASTE OR HAZARDOUS WASTE MAY HAVE A MATERIAL ADVERSE EFFECT ON NRG AND THE OPERATION OF THE FACILITY AND AGREE THAT ANY SUCH DELIVERY BY THE County SHALL BE GROUNDS FOR IMMEDIATE TERMINATION OF THIS AGREEMENT BY NRG AND THE BARRING OF ANY FUTURE DELIVERIES OF ACCEPTABLE WASTE TO THE FACILITY BY THE County.

(c) NRG may test samples drawn from the Solid Waste delivered by the County to determine whether it constitutes Unacceptable Waste or Hazardous Waste. The cost of any tests conducted by NRG on such samples shall be borne by the County if the results indicate that such Solid Waste contains Unacceptable Waste or Hazardous Waste.

### 2.02 Rejection Rights; Unacceptable Waste and Hazardous Waste.

(a) NRG will not accept Acceptable Waste delivered at hours other than the Receiving Time.

(b) NRG in its sole discretion shall have the right to inspect at the Facility the contents of any vehicle of the County containing Solid Waste to determine the presence of Unacceptable Waste or Hazardous Waste, including the right to require the person operating such vehicle to unload the contents as directed by NRG for inspection or the taking of samples as provided in Section 2.01(c). If any vehicle is found by NRG to contain Unacceptable Waste or Hazardous Waste, NRG may reject all or part of the contents of such vehicle. Upon notice from NRG of the discovery of Unacceptable Waste or Hazardous Waste, the County shall be responsible for removing any Unacceptable Waste or Hazardous Waste delivered by the County to the Facility as provided in Section 2.02(c).

(c) The County promptly shall remove from the Facility any Unacceptable Waste or Hazardous Waste delivered by the County and shall transport and dispose of such Unacceptable Waste or Hazardous Waste in accordance with applicable law and any directives of any regulatory agency having jurisdiction.

(d) NRG's sole obligations with regard to Unacceptable Waste or Hazardous Waste delivered by the County to the Facility are as follows:

(i) upon discovery by NRG of any such Unacceptable Waste or Hazardous Waste at the Facility, NRG shall notify the County;

(ii) NRG shall take such action as it deems appropriate, consistent with the permits governing the Facility, any directives of any regulatory agency having jurisdiction and applicable law regarding (A) the placement of such Unacceptable Waste or Hazardous Waste at a safe location, if any, within the Facility and (B) removal of such Unacceptable Waste or Hazardous Waste from the Facility; provided that NRG may, but shall not be obligated to, transport and dispose of such Unacceptable Waste or Hazardous Waste at the County's expense;

(iii) NRG shall cooperate with the County with regard to the County's obligations promptly to remove from the Facility and to dispose of such Unacceptable Waste or Hazardous Waste; and

(iv) NRG shall use ordinary care with regard to such Unacceptable Waste or Hazardous Waste when such Unacceptable Waste or Hazardous Waste delivered to the Facility.

(e) All activities of NRG with respect to such Unacceptable Waste or Hazardous Waste shall be as agent for the County, provided, however, County shall not be liable for damage or loss occurring as a result of the negligent acts of NRG in its activities with respect to such Unacceptable or Hazardous Waste.

(f) The County shall reimburse NRG, on demand, for any costs incurred by NRG (i) to the extent provided by Section 2.01(c), (ii) in performing its obligations under Section 2.02(d), or (ii) otherwise arising out of the delivery by the County to the Facility of Unacceptable Waste or Hazardous Waste.

**2.03 Weighing of Solid Waste Deliveries and County Vehicles.** Weighing facilities shall be operated and maintained at the Facility, and each vehicle of the County shall be weighed before each delivery. All vehicles of the County shall be weighed empty on a periodic basis as directed by NRG.

## **2.04 Identification and Regulation of Countys.**

(a) For security purposes, the County shall provide all of its personnel who may enter the Facility Site with identification satisfactory to NRG and shall notify NRG of the identity of all such personnel.

(b) The County shall perform its obligations so as to not interfere with any facet of normal operations of the Facility. The County shall comply with all applicable rules and regulations from time to time established by NRG concerning use of the Facility and Facility Site, including rules and regulations relating to traffic and parking. The current rules and regulations are attached hereto as Schedule B.

## **ARTICLE 3 - PAYMENT AND BILLING**

**3.01 Tipping Rate.** The County shall pay NRG the Tipping Rate for each short ton of Acceptable Waste accepted by NRG at the Facility.

### **3.02 Billing.**

(a) Not later than 30 days following the end of each calendar month, NRG shall provide the County with a statement setting forth for such calendar month the total number of tons of Acceptable Waste accepted by NRG at the Facility, the Tipping Rate, and the amount due and owing for such tons.

(b) The County shall pay to NRG the amount due and owing on or before the 30th day following receipt of such statement.

## **ARTICLE 4 - INSURANCE AND INDEMNITY**

**4.01 Insurance.** County shall obtain and maintain at its expense the following insurance coverages: (a) worker's compensation insurance as required by law, (b) comprehensive general liability primary insurance with a broad form contractual liability endorsement having a minimum combined single limit of liability of \$1,000,000 per occurrence; (c) comprehensive automobile liability primary insurance applicable to all owned, hired and non-owned vehicles having a minimum combined single limit of liability of \$1,000,000 per occurrence; (d) if applicable, professional indemnity primary insurance having a minimum amount of liability of \$1,000,000 per occurrence; and (e) excess liability insurance having a minimum limit of liability of \$1,000,000 per occurrence.

Each policy obtained pursuant to items (b) through (e) above shall designate NRG and its affiliates as additional insureds and shall contain a clause or endorsement stating that the waiver of subrogation contained in Section 4.02 shall not affect the right of any insured to recover under such policy.

**4.02 Waiver of Claims.** County waives any claim for recovery from NRG for any injury, loss or damage to Contractor resulting from the performance of this Agreement, to the extent compensation for such injury, loss or damage shall have been recovered under any insurance policy.

**4.03 Certificates.** County shall furnish NRG at the time this Agreement is executed with certificates of insurance evidencing the insurance coverages required by Section 4.01. Each certificate shall provide that thirty days prior written notice be given to NRG in the event of an expiration or cancellation of, or other material change in, any such coverages.

**4.04 Notice.** Immediately upon the occurrence of any injury, loss or damage resulting from the performance of this Agreement, written notice shall be given to NRG's authorized representative.

**4.05 County Indemnity.** The County shall, to the extent permitted by law, hold harmless and indemnify NRG and its affiliates, and their directors, officers, employees, contractors of any tier and other agents, and the other parties to the Service Agreement (the "the NRG Indemnified Parties") from and against any expense, loss, claim or liability whatsoever, including attorneys' fees, and shall defend the NRG Indemnified Parties in any proceeding, including appeals, for injury to any person, or loss or damage to any property arising out of: (a) the negligence or wrongful misconduct of the County, its directors, officers or partners, as the case may be, employees, contractors of any tier or other agents; (b) the failure by the County, its directors, officers or partners, as the case may be, employees, contractors of any tier or other agents to comply with applicable law; (c) the performance by the County of this Agreement; (d) the delivery by the County of any Hazardous Waste or Unacceptable Waste to the Facility; (e) any breach by the County of any representation made in this Agreement. The County is not required to hold harmless or indemnify any NRG Indemnified Party for any loss or claim to the extent caused by NRG's negligence or wrongful misconduct. This provision shall not be construed as a waiver of sovereign immunity afforded County under Florida law.

#### **ARTICLE 5 - TERM AND TERMINATION**

**5.01 Term.** This Agreement shall commence as of the date of this Agreement and shall continue in effect unless and until either NRG or the County gives the other Party written notice of termination of this Agreement.

**5.02 Effect of Termination.** The obligations set forth in Sections 2.02 (d) and (e), 4.05, 4.06 and 6.09, and any obligation for the payment of money, indemnity or otherwise, which shall have arisen from the conduct of the Parties pursuant to this Agreement shall survive termination of this Agreement and shall remain in full force and effect until satisfied or waived.

#### **ARTICLE 6 - CONSTRUCTION AND OPERATION OF THE AGREEMENT**

**6.01 Relationship of the Parties; Beneficiaries.** This Agreement reflects an arms-length transaction. Nothing in this Agreement creates a fiduciary or agency relationship between the Parties. This Agreement is not entered into for the benefit of, nor are any rights granted to, any third party.

**6.02 Assignment.** This Agreement shall not be assigned by the County without the prior express written consent of NRG. An assignment shall neither be effective nor relieve the County of its obligations under this Agreement unless this Agreement has been assumed by the assignee.

**6.03 Notices.** Any notices or communications required or permitted under this Agreement shall be in writing and sufficiently given if delivered in person or sent by telecopier or certified or registered mail, return receipt requested, postage prepaid, at the addresses of the Parties set forth above. Changes in the addresses to which such notices shall be delivered may be made by written notice given in accordance with this Section.

**6.04 Waiver.** No provision of this Agreement shall be deemed waived without express written notice of waiver. Failure to demand strict performance in one instance shall not be deemed to waive either Party's right to insist on strict performance in any other instance.

**6.05 Entire Agreement; Amendments.** The provisions of this Agreement (except captions), including the schedules annexed hereto, shall (a) constitute the entire agreement between the Parties, superseding all prior or contemporaneous negotiations, understandings or agreements and (b) not be modified in any respect except by express written agreement executed by the Parties.

**6.06 Severability.** If any provision of this Agreement shall be determined to be invalid, illegal or unenforceable, the Parties shall make good faith efforts to modify this Agreement to implement the intent of the Parties embodied in this Agreement, and, as modified, the remaining provisions of this Agreement shall be valid and enforceable to the fullest extent permitted by law.



6.07 Governing Law. This Agreement shall be governed by the laws of the state in which the Facility is located.

6.08 Compliance with Laws. The County shall comply with all applicable laws, rules, regulations, ordinances, permits and similar approvals of any governmental entity having jurisdiction, and all applicable industry codes, specifications and standards.

6.09 Publicity and Property Rights. The County shall not advertise or otherwise use its contact with NRG hereunder in any public disclosure without the prior written consent of NRG. Such disclosure shall include without limitation, issuing brochures, listing references, placing advertisements and making any announcement or releasing any information concerning the existence or content of this Agreement, any facility of NRG or its affiliates or the Services to be performed hereunder to any third party, except to the extent required by the Florida Public Records Law. The County shall not permit any photographing, filming or recording at, or allow any person to enter, the site where the Services are to be performed unless prior express written consent is obtained from NRG's designated representative. The County shall not use or permit the use of the trade and service names, marks and logos of NRG and its affiliates in any manner. This section shall survive the expiration or termination of this Agreement.

6.10 Counterparts. This Agreement may be executed in more than one counterpart, each of which shall be deemed to be an original.

6.11 Incorporation by Reference; Conflicts. The Schedules attached hereto are incorporated by reference; provided, however, that in the event of any conflict between the text of this Agreement and the schedules annexed hereto, the text of this Agreement shall govern.

IN WITNESS WHEREOF, the Parties have signed this Agreement as of the date of this Agreement.

NRG

By: J. M. Hett

Title: G. V. T. Operator

COUNTY

By: J. M. Hett

Title: Chairman

## SCHEDULE A

"Acceptable Waste" shall mean all solid wastes of the type presently accepted as of the date of this Agreement at Sumter County's composting facility, including all ordinary household, institutional and commercial wastes which consist primarily of combustible materials excluding, however, Unacceptable Waste, unless previously approved by NRG.

"Hazardous Waste" shall mean any material or substance, or combination of materials or substances, which as of the date of this Agreement by reason of composition or characteristic is:

(a) a hazardous substance as defined by Section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C.A. § 9601 (Supp. 1987), including but not limited to all materials listed or identified as hazardous waste under Subtitle C of the Resource Conservation & Recovery Act of 1976, as amended, 42 U.S.C.A. § 6921 (1983 and Supp. 1987) and implementing regulations adopted by the United States Environmental Protection Agency found at 40 C.F.R., Part 261, and all materials listed or identified as hazardous waste pursuant to Section 403.72, Florida Statutes (1987) and the implementing regulations of the State of Florida Department of Environmental Regulation found at Rule 17-30.030, Florida Administrative Code or as defined in the Toxic Substances Control Act. 15 U.S.C.A. §2601 et seq., as amended, and related regulations;

(b) a chemical listed by the United States Environmental Protection Agency in accordance with Section 302(a) or Section 313(c) of the Emergency Planning and Community Right-to-Know Act of 1986, 42 U.S.C.A. §§ 11002(a), 11023(c) (1987 Supp.);

(c) a special nuclear or byproduct material within the meaning of the Atomic Energy Act of 1954, 42 U.S.C.A. § 2014 (1975 and 1987 Supp.);

(d) a danger to health or safety including, but not limited to, any material or substance or combination of materials or substances which are explosive, toxic, corrosive, flammable, reactive, an irritant, or a strong sensitizer, or which generate pressure through decomposition, heat, or other means if such materials or substances may cause injury, illness or harm to humans, to domestic animals or livestock, or to wildlife, or

(e) prohibited by any federal, state or local law, regulation, or ordinance from being deposited in the Landfill then generally being used for disposal in connection with the Facility.

With regard to materials or substances which are not Hazardous Waste as of the date of this Agreement, if any governmental agency or unit having appropriate jurisdiction shall thereafter determine, pursuant to a "Change in Law" (as defined in the Service Agreement) that such materials or substances are Hazardous Waste, then such materials or substances shall be considered to be Hazardous Waste for the purposes of this Agreement as of the effective date of such governmental determination.

"Solid Waste" shall mean garbage, refuse, and other discarded solid materials, including solid waste materials resulting from industrial, commercial, or agricultural operations, governmental operations, and from community activities, but does not include solids or dissolved materials in domestic sewage or other significant pollutants in water resources, such as silt, dissolved or suspended solids in industrial waste water effluents, dissolved materials in irrigation return flows, other common water pollutants or special wastes, or any by-products, the sale or reuse of which is intended by the person from whose process they resulted.

"Unacceptable Waste" shall mean (i) Hazardous Waste and (ii) items in quantities or concentrations which, if accepted at the Facility, would be likely to materially adversely affect the operation of the Facility, damage the Facility or result in a violation of any permit for the Facility or any applicable law, including, without limitation, the items listed below; provided, however, that no such items shall constitute Unacceptable Waste if and to the extent that such items (x) are normally found in household waste, or in commercial or institutional waste in small quantities and concentrations and (y) may be processed at the Facility under applicable law, excluding the items listed in (a) thorough (k) below to the extent that they damage the Facility or result in a violation of any permit for the Facility:

- (a) Demolition or construction debris from building and roadway projects or locations (other than demolition or construction debris that consist primarily of combustible materials and is not likely to adversely affect the operation of the Facility or result in a violation of any permit for the Facility or applicable law).
- (b) Liquid wastes or any sludges.
- (c) Tires, marine vessels, or motor vehicles or any major parts or components thereof.

- (d) Dead animals or portions thereof.
- (e) Pathological wastes.
- (f) Water treatment residues.
- (g) Tree stumps, stems, branches or other combustibles over six inches (6") in diameter or in excess of four feet (4') in length.
- (h) Waste oil.
- (i) Machinery (other than small household appliances) or equipment including, without limitation, discarded "white goods" such as freezers, refrigerators, washing machines, etc.
- (j) Industrial wastes unless such material is reviewed by NRG and Sumter County and is determined to meet the requirements set forth above.
- (k) Other large, bulky or unsuitable items such as mattresses, beds, furniture, carpets, bicycles, baby carriages and the like, unless previously approved by NRG.

## SCHEDULE B

### FACILITY RULES AND REGULATIONS

#### Facility Operation -

- A. The Facility will be open to Haulers at the following times:  
7:30 A.M. to 5:00 P.M. - Monday through Saturday  
Closed on Sundays and the Legal Holidays of Thanksgiving Day,  
Christmas Day and New Year's Day.
- B. Haulers shall proceed through the main entrance and form a  
single file line at the scale house. The speed limit at the  
Facility is five (5) MPH - unless otherwise posted - which  
will be enforced. After unloading in the tipping area, trucks  
shall exit the facility. All Hauler traffic is one-way from  
entrance to exit.
- C. Trucks with mechanical problems shall exit the Facility or,  
if disabled, request immediate towing, at haulers expense to  
clear the Facility roads for inbound and outbound traffic.
- D. Haulers shall follow standard vehicle safety practices at all  
times and observe OMSL Safety Regulations.
- E. All open loads must be tarped or securely covered when outside  
of tipping floor enclosure.

#### Tipping Area Procedures

- A. Upon exiting the scale, trucks shall enter the enclosed  
tipping area and position for an available bay to unload. As  
directed by OMSL personnel, trucks shall back to the curb at  
the edge of the pit.
- B. Upon request of the OMSL employee or Lake County  
representative, on a random basis or for suspected problem  
loads, trucks may be directed to a specific area on the  
tipping floor to unload for examination of waste being  
delivered. The truck shall not leave the facility until  
released by the OMSL employee or County Representative  
employee. This spot check may result in some materials being  
rejected or in the discovery of Hazardous Waste.
  - 1. For Prohibited Waste which is not Hazardous Waste,  
the Hauler may be required at the direction of OMSL  
to reload such materials for disposal at another  
location.

2. For Hazardous Waste, as defined by Federal, State and local laws and regulations, Haulers shall remain at the Facility until appropriate public health and law enforcement officials arrive.
- C. Haulers shall make every effort to unload at the pit in an expedient and safe manner to assure even traffic flow through the Facility.
- D. Trucks with hydraulic leaks will be allowed to unload but not permitted further use of the facility until the leak is repaired. Vehicles with repeated mechanical problems or those deemed unsafe will be referred to the respective County Authority for appropriate action.
- E. Hauler must ascertain they are clear of crane activity before placement and unloading.

#### Emergencies and Damages

- A. Haulers at the Facility who discover a fire in their trucks (hot loads) shall be diverted to a designated area on the tipping floor or outside area to unload. OMSL employees and/or Lake County Fire Department shall use available equipment to extinguish all fires.
- B. In the event of accidents, explosions or Facility damage which impairs the flow of traffic or ability to dispose of Acceptable Waste at the Facility, Haulers shall follow directions and procedures from OMSL employees in dealing with such events.
- C. Any damage to Hauler's trucks or equipment, occurring at the Facility shall be immediately reported to the Facility Manager, before leaving facility, for appropriate action.

#### Rejected Loads

- A. All Prohibited Waste shall be rejected from the Facility if delivery is attempted. Haulers who have received weight tickets for loads which contain a portion of Prohibited Waste shall not receive a credit for such deliveries.
- B. OMSL reserves the right to reject total or partial loads being delivered to the Facility if special handling would be required, or bill the hauler for the special handling costs.

### Enforcement and Interpretation

- A. Any violation of these Rules and Regulations shall be subject to the enforcement procedures and penalties, including but not limited to, fines and suspension of tipping privileges.

### DRIVER AND PERSONNEL REGULATIONS

#### To apply to all individuals transported on any Hauler vehicles.

1. All containers must be secured so as not to allow leakage or spillage.
2. Trucks are not to be left unattended. All personnel must remain with truck.
3. All trucks must proceed with care and follow directions issued by appropriate plant staff and obey posted traffic signs.
4. Trucks are not to bump or roll into pit curb.
5. Drivers will back up straight to the pit before releasing load.
6. Cigarettes or other sources of combustion are not to be in or around pit area.
7. Foul language and inappropriate behavior are not permitted on site, ie: spitting, swearing, lewd gestures, littering, etc.
8. No Hauler shall possess, consume, nor be under the influence of any illegal or intoxicating substances.
9. All doors and gates on equipment are to be properly secured.

ADDENDUM A  
PROHIBITED WASTE

Prohibited waste shall include the following materials, but not be limited to that. A) if present in concentrations or quantities that, in the reasonable judgment of the Company, (1) would pose a substantial threat to public health or safety, (2) may cause applicable air quality or water effluent standards to be violated by the normal operation of the Facility, or (3) have a reasonable possibility of adversely affecting the operation of the Facility in any material respect, and (B) if the concentrations or quantities exceed those normally found in solid waste generated in residential and commercial areas.

A. Explosives

Dynamite (none allowed)  
Hand grenades (none allowed)  
Blasting caps (none allowed)  
Shotgun shells  
Any other explosives  
Fireworks

B. Liquid Waste or Industrial Waste

Gasoline	Fungicides
Kerosene	Alcohol
Insecticides	Acids
Turpentine	Hydraulic oil
Waste oil	Petroleum
Ether	Caustics
Naphtha	Sewage or process waste waters
Acetate	Leachate
Solvents	Sewage sludge
Paints	Inflammable or volatile liquids

C. Demolition Debris

Aggregate  
Brick  
Stone  
Pallets (unless halved)  
Cement  
Gravel  
Sand  
Structural clay products  
Soil  
Tree stumps and large branches over 6 inches in diameter and/or 4 feet in length  
Asbestos  
Sawdust  
Roofing materials  
Plaster  
Porcelain fixtures  
Boilers  
Other non-combustible demolition debris  
Creosote treated lumber  
Dry wall  
Metal pipes



D.

Miscellaneous Materials

Dead animals or portions thereof

Offal

Tar

Asphalt

Sealed drums

Pressurized containers (over one quart in size)

Car batteries

Automobile parts

E.

Tires

F.

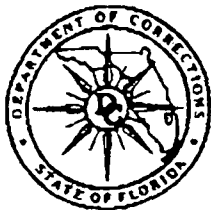
Hazardous Waste as defined under Federal, State and local laws and regulations.

G.

Pathological or Infectious Waste

H.

White Goods and large metal items. Haulers are encouraged to transport metal goods to a scrap dealer.



SUMTER  
CORRECTIONAL  
INSTITUTION

Governor  
LAWTON CHILES

Secretary  
HARRY K. SINGLETARY JR.

P.O. Box 667 • Bushnell, Florida 33513 • Telephone: (352) 793-2525 • Fax (352) 793-3542

April 30, 1998

Board of County Commissioners  
Attn: Garry Breedon, Director  
Sumter County Public Works  
Bushnell FL 33513

RE: CONTRACT 07009

Dear Sir:

The contract for the above referenced contract expires May 9, 1998. The Department of Corrections, Sumter Correctional Institution, in accordance with the conditions, contract renewal, requests your company's concurrence to renew the above referenced contract through May 09, 1999.

The renewal shall be upon the same terms and conditions as stated in the referenced bid.

We would appreciate a response no later than May 08, 1998.

Sincerely,

Robin Johnson  
Purchasing Agent III

APPROVED: ☒

DISAPPROVED: ☐

SIGNATURE:

COMPANY: Breedon & Sumter County, Canon 25

DATE: MAY 12, 1998

07009

CONTRACT BETWEEN THE  
DEPARTMENT OF CORRECTIONS  
SUMTER CORRECTIONAL INSTITUTION

AND

BOARD OF COUNTY COMMISSIONERS  
SUMTER COUNTY PUBLIC WORKS

This contract between the Florida Department of Corrections, Sumter Correctional Institution (hereinafter referred to as the "Department") and BOARD OF COUNTY COMMISSIONERS, SUMTER COUNTY PUBLIC WORKS (hereinafter referred to as the "Contractor") which are parties hereto.

WITNESSETH:

Whereas, the Department is required by Florida Statute, 945.04 to insure that all inmates are provided care, custody, treatment, housing and general handling of prisoners in accordance with Florida Statutes.

Whereas, it is necessary that budget resources be allocated effectively, and

Whereas, this contract is a result of statutory exemption, and:

Whereas, (SUMTER COUNTY PUBLIC WORKS) is a qualified and willing participant with the Department to (Recycle).

I.

Contract Term/Renewal

The Contractor and Department Mutually Agree:

This Contract shall begin on (May 10, 1995) or on the date on which the Contract has been signed by both parties, whichever is later. This Contract shall end at midnight on (May 09, 1996).

This Contract may be renewed at the option of the Department, for two additional one year periods after the initial Contract period, upon the same terms and conditions contained herein, and at the renewal prices indicated in Section XV. Renewal is at the

Department's sole discretion and shall be conditioned, at a minimum, on satisfactory performance evaluations by the Department and subject to the availability of funds. The Department, if it desires to renew this Contract, shall exercise its option no later than thirty 30 days prior to Contract expiration.

## II.

### Records

Representatives of the Department of Corrections, or the Comptroller of the State of Florida, or the Auditor General of the State of Florida, or their duly authorized representatives shall have access, for purposes of examinations, to any books, documents, papers and records of the Contractor as they may relate to this project.

The Contractor shall maintain books, records and documents in accordance with accounting procedures and practices which sufficiently and properly reflect all expenditures of funds provided by the Department under this Contract.

The Contractor shall maintain and file with the Department such progress, fiscal, inventory and other reports as the Department may require within the period of this Contract.

The Contractor shall include these aforementioned audit and record-keeping requirements in all approved subcontracts and assignments.

The Department may unilaterally cancel this Contract for refusal by the Contractor to allow public access to all documents, papers, letters or other material originated or received by the Contractor in conjunction with the Contract subject to the provisions of Florida Statutes, Chapter 119.

All records, documents, reports, notes or other written material, either prepared or maintained by the Contractor for administration and management of this Contract, its staff and inmates or offenders, are State property and will be turned over intact to the State upon cancellation, termination or completion of the Contract.

The Contractor shall provide progress reports including data reporting requirements as specified. These reports will be used for monitoring progress or performance to determine conformity with intended program purposes.

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The Contractor shall provide access to or furnish whatever information is necessary to effect this monitoring.

## III.

Nondiscrimination

The Contract Will not discriminate against any client, employee or applicant for employment because of race, color, religion, sex or national origin. The Contractor will take affirmative action to insure that clients, applicants and employees are treated without discrimination regarding their race, color, religion, sex or national origin. In addition, Contractor shall comply with the Americans with Disabilities Act. In the event of the Contractor's noncompliance with the nondiscrimination clauses, the Americans with Disabilities Act, or with any other such rules, regulations, or orders, this Contract may be canceled, terminated or suspended in whole or in part and the Contractor may be declared ineligible for further contracts.

## IV.

Cancellation

The Department shall have the right to unilaterally cancel, terminate or suspend this Contract, in whole or in part, by providing the Contractor thirty (30) days written notice by certified mail.

In the event funds to finance this Contract become unavailable, the Department may terminate the Contract upon no less than 24 hours notice in writing to the Contractor. Said notice shall be delivered by certified mail, return receipt requested, or in person with proof of delivery. The Department shall be the final authority as to the availability of funds for this Contract.

If a breach of this Contract occurs by the Contractor, the Department may by written notice to the Contractor, terminate this Contract upon 24 hours notice. Said notice shall be delivered by certified mail, return receipt requested, or in person with proof of delivery. If applicable, the Department may employ the default provisions in Chapter 60A-1, Florida Administrative Code. The provisions herein do not limit the Department's right to remedies at law or to damages.

The State of Florida, Department of Corrections' performance and obligation to pay under this Contract is contingent upon an annual appropriation by the Legislature.

V.

Indemnification/Hold Harmless

The Contractor shall be liable, and agrees to be liable for, and shall indemnify, defend and hold the Department harmless from all claims, suits, judgements or damages including court costs and attorney's fees arising out of intentional acts, negligence or omissions by the Contractor in the course of the operations of this Contract.

VI.

Invoicing

The Contractor agrees to pay for contracted services according to the conditions of this Contract set forth in Scope of Work. Invoices shall be sent to Department at time of payments, indicating \$/unit and pertinent information used to determine payment amount.

Section 215.422, F.S. provides that agencies have 5 working days to inspect and approve goods and services, unless bid specifications or the purchase order specifies otherwise. With the exception of payments to health care providers for hospital, medical, or other health care services, if payment is not available within 40 days, measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved, a separate interest penalty set by the Comptroller pursuant to Section 55.03, F.S., will be due and payable in addition to the invoice amount. To obtain the applicable interest rate, please contact the Agency's Fiscal Section at (904) 793-2525, ext. 221 or Purchasing Office at (904) 793-2525, ext 224. Payments to health care providers for hospitals, medical or other health care services, shall be made not more than 35 days from the date of eligibility for payment is determined, and the daily interest rate is .03333%. Invoices returned to a vendor due to preparation errors will result in a payment delay. Invoice payment requirements do not start until a properly completed invoice is provided to the agency. A Vendor Ombudsman, whose duties include acting as an advocate for vendors who may be experiencing problems in obtaining timely payment(s) from a State agency, may be contacted at (904)488-2924 or by

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calling the State Comptroller's Hotline, 1-800-848-3792. NOT APPLICABLE.

## VII.

Prison Rehabilitative Industries and Diversified Enterprises

It is expressly understood and agreed that any articles, which are the subject of or required to carry out this Contract shall be purchased from the corporation identified under Chapter 946, Florida Statutes, in the same manner and under the procedures set forth in Section 946.515(2), (4), Florida Statutes; and for purposes of this Contract, the person, firm or other business entity carrying out the provisions of this Contract shall be deemed to be substituted for this agency insofar as dealing with such corporation. The "corporation identified" is Prison Rehabilitative Industries and Diversified Enterprises, Inc. Available products, pricing and delivery schedules may be obtained by contacting: PRIDE of Florida, 5540 Rio Vista Drive, Clearwater, Florida 34620, Telephone: (813) 535-4900, Suncom: 568-1300.

## VIII.

Contract Management

The (Business Manager, Sumter Correctional Institution) is designated Contract Manager and is responsible for enforcing performance of the Contract terms and conditions and shall serve as a liaison with the Contractor and shall approve all invoices prior to payment and meet, at least twice a year with the Contractor, to review the Contractor's performance.

The (Chief of Regional Administrative Services) is designated Contract Administrator and is responsible for maintaining a Contract file and financial information on this Contract service and will serve as a liaison with the Contract Manager.

In the event that different representatives are designated by either party after execution of this Contract, notice of the name and address of the new representatives will be rendered in writing to the other party and said notification attached to originals of this Contract.

## IX.

Contract Modifications

Modifications to provisions of this Contract shall only be valid when they have been rendered in writing and duly signed by both parties. The parties agree to renegotiate this Contract if state revisions of any applicable laws, regulations or increases/decreases in allocations make changes in this contract necessary. There are no obligations to agree by either party. The Department shall be the final authority as to the availability of funds for this Contract.

X.

Name and Address of Payee

The name and address of the contact person and official payee to whom the payment shall be made:

ACCT. RECEIVABLE  
SUMTER CORRECTIONAL INSTITUTION  
PO BOX 667  
BUSHNELL FL 33513

XI.

Travel

The Department shall not be responsible for the payment of any travel expense which occurs as a result of this Contract.

XII.

Scope of Contract

NOW, THEREFORE, the parties agree as follows:

1. The County will provide material from an abandoned shed so that a recycling area can be constructed at the prison facility. Milled asphalt will be provided by the County so that a floor adequate for recycling process can be constructed. The County will provide a roller if necessary for the Prison to properly put down milled asphalt. The County will provide a baler for use at the Prison for baling cardboard and paper products. The County intends to provide a forklift suitable for transporting recyclable to the Prison. However, not providing a forklift to the Prison will not be considered breach of contract. Forklift will only be provided if feasible by County.



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2. As to materials suitable for baling, the Prison will utilize its own forces to operate the baler to bale material as described herein. County will pick up acceptable baled materials and remove for proper disposal or recycling. Prison will provide banding material, labor and utilities for the baler and will store baled material in recycling area until pickup by County. The prison agrees that any proceeds made from cardboard or paper product goes 100% to the County.

3. As to tin cans, Prison will separate, de-label and rinse out. Cans will be stored in recycling area until quantities merit removal either by County or by Prison. Prison will be compensated 50% of proceeds for tin cans.

4. As to all other recyclable ferrous metals, Prison will store ferrous metals in recycling area until quantities merit removal either by County or by Prison. Prison will be compensated 50% of proceeds of ferrous metals.

5. As to plastic materials, plastic will be stored or baled until quantities merit removal either by County or by Prison. Prison will be compensated 50% of proceeds of plastic materials.

6. As to aluminum cans, the Prison shall collect and store aluminum cans in recycling area. The Prison reserves the right to either have County sell cans or have a paying recycler receive cans. In either case, the Prison will receive 100% proceeds from aluminum cans.

7. In the event of default by any party to this Agreement, the prevailing party shall be entitled to recover from the defaulting party, all costs, and expenses, including a reasonable attorney's fee, whether suit be instituted or not, and at the trial court and appellate court level incurred by the prevailing party enforcing its rights hereunder.

The venue for the enforcement, construction or interpretation of this Agreement shall be the County or Circuit Court for Sumter County, Florida, and the parties hereby specifically waive any "venue privilege" and/or "diversity of citizenship privilege" which either has now, or may have in the future, in connection with this Agreement, or its duties, obligations, or responsibilities or rights hereunder.

8. Neither party shall be construed to be the agent, servant or employee of the other party or of any elected or appointed official thereof, for any purpose whatsoever, and further neither party shall have any express or implied authority of any kind or

nature whatsoever, to incur any liability, either in contract or in tort, as the agent, servant, or employee of the other party.

9. The Agreement shall not be binding upon the parties hereto, their successors and assigns, and time is of the essence of this Agreement.

10. This Agreement shall not be assigned or recorded by either party without the express written consent of the other party.

#### XIII.

##### Administrative Functions

All administrative functions, i.e., support staff, office space, telephone, supplies and typing shall be provided by the Contractor.

#### XIV.

##### Training

(NOT APPLICABLE)

#### XV.

##### Compensation

See Scope of Contract, Section XII.

#### XVI.

##### Miscellaneous

Waiver of breach of any provision of this Contract shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Contract.

This Contract will be governed by and construed in accordance with the laws of the State of Florida.

This Contract contains all the terms and conditions agreed upon by the parties.

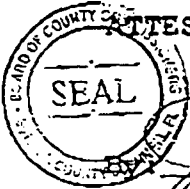
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IN WITNESS THEREOF, the parties hereto have caused this Contract to be executed by their undersigned officials as duly authorized.

*[Signature]*  
Regional Director

6-16-98  
Date

*[Signature]*  
(GARRY BREEDEN, DIRECTOR)  
(FEID: 59-6000865)



ATTEST: SARAH H. MASON  
CLERK OF CIRCUIT COURT  
*[Signature]*  
DEPUTY CLERK

BOARD OF COUNTY  
COMMISSIONERS OF SUMTER COUNTY,  
FLORIDA

By: *[Signature]*  
Stanton Giddons Jr  
CHAIRMAN

SUMTER CORRECTIONAL  
INSTITUTION

*[Signature]*  
By:

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

EXTENSION AGREEMENT

This agreement is made and entered into this 26<sup>th</sup> day of August, 1997, between SUMTER COUNTY, FLORIDA, (County) and TIA SOLID WASTE MANAGEMENT CONSULTANTS, INC. , (Contractor).

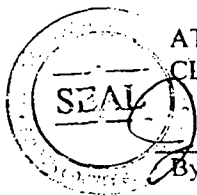
WHEREAS, the parties executed an agreement dated November 14, 1995, which expires September 30, 1997, and the parties desire to extend the agreement.

NOW, THEREFORE, the parties agree as follows:

1. That certain Agreements between the parties which expire September 30, 1997, are hereby extended to September 30, 1999.
2. The following terms and conditions are modified:  

NONE
3. No other terms or conditions of said agreement are affected in any way by this extension.

THIS AGREEMENT executed the day and year first above written.



ATTEST: GLORIA HAYWARD  
CLERK AND AUDITOR

*Jan Kirkpatrick*  
By: Deputy Clerk

*Ann Marie Summitt*  
Witness

\_\_\_\_\_  
Witness

SUMTER COUNTY, FLORIDA

*Karen Krauss*  
By: Karen Krauss, Chairman

CONTRACTOR

*AM*  
By: \_\_\_\_\_

CORRECTED  
RECYCLING, COMPOSTING AND RELATED TECHNICAL SERVICES CONTRACT  
SUMTER COUNTY DEPARTMENT OF PUBLIC WORKS

This contract is made and entered into this 14<sup>th</sup> day of Nov, 1995, by the Board of County Commissioners of Sumter County, Florida (Board) and TIA SOLID WASTE MANAGEMENT CONSULTANTS, INC. (CONSULTANT).

WHEREAS, the Board has need of consulting services related to the Sumter County Solid Waste Facility, and

WHEREAS, the Board has complied with Consultants' Competitive Negotiation Act, and

WHEREAS, the parties have successfully negotiated a contract as to fees and charges, and

WHEREAS, the parties desire to enter into a written agreement outlining the duties and responsibilities and compensation of the CONSULTANT,

NOW, THEREFORE, the parties agree as follows:

1. The relationship of the CONSULTANT to the Board will be that of a professional consultant, and the CONSULTANT will provide the professional and technical services required under this agreement in accordance with acceptable consulting practices and ethical standards, and will endeavor to provide to the Board prompt and efficient consulting engineer services to the best of its ability.

2. The CONSULTANT is hereby retained and employed as a consulting engineer to work with the board and the department of public works to provide consulting services on an "as needed" basis for recycling, composting and related technical services.

3. The term of this agreement shall be from November 1, 1995, to September 30, 1997. It may be renewed upon agreement by both parties and re-negotiating of fees. During the term of this agreement, the consulting fees are as set forth on CONSULTANT'S 1995 rate sheet, as attached hereto.

4. With regard to the compensation paid to the CONSULTANT, the CONSULTANT shall furnish to the Board on a monthly basis an itemized recap of the hours utilized during the preceding month broken down as per the categories shown on CONSULTANT'S 1995 rate sheet. The CONSULTANT shall compute the total amount due for the preceding month and said amount shall be paid to the CONSULTANT within 10 days from receipt of the bill. Said statement shall be subject to audit by the Sumter County Director of Public Works prior to submission to the Clerk and Auditor to the board for final payment.

5. General consideration (a). All original reports, computations, and other documents prepared by the CONSULTANT pursuant to this Agreement are and remain the property of the CONSULTANT as instruments of service. However, the CONSULTANT shall furnish any such documents as may be required by the board to its appropriate agencies upon request. (b). The CONSULTANT shall at all times comply with the Florida Public Records Law, the Florida Open Meeting Law, and all other applicable laws, rules and regulations of the State of Florida. (c). CONSULTANT shall at all times carry, on all operations hereunder, and automotive public liability and property damage insurance in amounts satisfactory to

the Board. (d) Upon the CONSULTANT's written request, the board will furnish or cause to be furnished such reports, studies, instrument, documents, and other information as the CONSULTANT and Board mutually deem necessary, and the CONSULTANT may rely upon same in performing the services required under this agreement. (e) The Board and the CONSULTANT each binds itself and its successors, legal representatives and assigns to the other party to this agreement and to the partners, successors, legal representatives, and assigns of such other party, in respect to all covenants of this agreement; and, neither the board nor the CONSULTANT shall assign or transfer their interest in this agreement without the prior written consent of the other party.

6. In addition to the hourly compensation set forth above, the CONSULTANT shall be compensated for travel and per diem as set forth in Chapter 112 of the Florida Statutes. Copies, telephone charges or other items of overhead expense that are normally billed to the board shall be billed at cost to the CONSULTANT without any additional factoring.

7. Should any other professional services be called for by the board, such as expert testimony, sub-consultants, etc., the charges therefore shall be agreed in advance by the parties hereto.

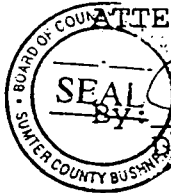
8. To the fullest extent permitted by law, the CONSULTANT shall indemnify and hold harmless the board from and against all claims, damages, losses and expenses, direct, indirect or consequential arising out of or resulting from the performance of the consulting services called for by this agreement. CONSULTANT, shall not however, be obligated to defend, hold harmless or indemnify the Board from and against all claims, damages, losses and expenses, direct, indirect or consequential arising out of or resulting from the negligence of the Board.

9. The CONSULTANT, its agents, servants or employees shall in no manner whatsoever be construed as the employees, agents or servants or representatives of the board, and shall have not expressed or implied power or authority to act in any manner whatsoever for or on behalf of the Board of Sumter County, Florida, except as provided in the services specifically called for herein. The CONSULTANT is hereby designated as an independent contractor to the Board of County Commissioners of Sumter County, Florida and none of the employees, agents, or servants of the CONSULTANT shall have any of the fringe benefits applicable to employees of the board.

10. In the event of default by either party hereto, the defaulting party shall be liable for all costs and expenses, including a reasonable attorney's fee, incurred by the other party and enforcing its rights hereunder, whether litigation be instituted or not, and at the trial court and appellate court level. The CONSULTANT does hereby specifically waive its "venue privilege" and or "diversity of citizenship privileges" and agrees specifically that any action for the enforcement, construction, or interpretation of this agreement shall be maintained in the Circuit Court for Sumter County, Florida, and CONSULTANT hereby specifically waive its right to institute any action of any kind or nature whatsoever against the board in any other State or Federal Court or administrative tribunal.

11. All payments by the Board hereunder shall be due and payable in Bushnell, Sumter County, Florida. This agreement may be terminated by either party upon 30 days prior written notice. If this agreement is terminated, CONSULTANT shall be paid for all work performed up to the date of termination.

IN WITNESS WHEREOF, the parties have signed this agreement the day and year first above written at Bushnell, Sumter County, Florida.



ATTEST: SARA H. MASON  
Clerk of Circuit Court

By: [Signature]  
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS  
OF SUMTER COUNTY, FLORIDA

By: [Signature]  
Stanton Gideons, Jr. Chair

ATTEST:

[Signature]  
Corporate Secretary

TIA SOLID WASTE MANAGEMENT  
CONSULTANTS, INC.

By: [Signature]

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF WILDWOOD, FLORIDA ESTABLISHING A POLICY FOR THE COLLECTION OF REFUSE; GRASS; LEAVES; TRIMMINGS; LIMBS; RECYCLABLES ; AND OTHER SOLID WASTE; PROVIDING FOR SERVICE; PROVIDING FOR CONTAINER SIZE AND QUANTITY; PROVIDING FOR PICKUP TIMES AND LOCATIONS; PROVIDING INSTRUCTION FOR OTHER TYPES OF SOLID WASTE NOT OTHERWISE SPECIFIED; PROVIDING FOR FEES FOR COLLECTION OF SAME

RECEIVED AUG 28 1995

BE IT ORDAINED by the City Commission of the City of Wildwood, Florida the following policy on the collection of refuse, grass, leaves, trimmings, limbs, recyclables, and other non-containerized solid waste.

#### SECTION I GENERAL ADMINISTRATION

- a) All living units, residences, institutions, agencies, businesses, industries, or other entities within the City limits of the City of Wildwood requiring refuse services are required to purchase such service from the municipality or its designee.
- b) All aforesaid entities within newly annexed territory of the City of Wildwood will have 30 calendar days following receipt of notification by the City of Wildwood to begin City refuse services.
- c) Entities may be released by the City Commission of Wildwood from municipal refuse pick up because of the nature, volume, location or other incompatibility of the individual service. Said release must be in writing and can be rescinded at any time by the City Commission with 30 days notice.
- d) A refuse deposit fee equivalent to two months service charge will be collected on all new residential and commercial accounts using containers. Accounts utilizing dumpsters will pay a deposit fee equal to one month service charge. These deposits will be held for application against any delinquent balance. Upon termination of service, the account holder may present the deposit receipt for a refund of the deposit, minus any outstanding obligation. The deposit fee will not accumulate interest.
- e) Refuse left at curbside is the responsibility of the resident until picked-up by the City and then it becomes the property of the City.
- f) Services provided outside of the boundaries of the municipality will be billed at a 25% surcharge above the City rates as provided for in Florida Statutes, Chapter 180.199 (a).

#### SECTION II RESIDENTIAL AND COMMERCIAL CANS

- a) Individual residential units may set out four (4) thirty (30) gallon containers per week.
- b) Refuse will be picked up once a week.
- c) A service charge per container/per week or per month will be assessed for each additional container needing pick up beyond the standard of 4.

SEP 6 11 08 AM '95  
Municipal  
Waste  
Department  
City of Wildwood  
Florida



- d) All refuse must be placed in animal proof containers with lids or tops. Plastic bags are not permitted after September 30, 1993.
- e) Containers must not exceed fifty (50) pounds each in weight.
- f) Containers must be placed at street curbside to be picked up and qualify for the regular rate. A surcharge may be possible for non-curb-side service.
- g) Refuse must be placed at curbside no earlier than 12 hours prior to the customary pick-up time.
- h) Exact time of pick up may vary from week-to-week. Refuse should be placed at curbside no later than 7:00 a.m. on pick-up day.
- i) Refuse containers must be maintained in a reasonable state of sanitation and repair for health and safety reasons.

### SECTION III COMMERCIAL DUMPSTERS

- a) 2-yard, 4-yard, 6-yard, and 8-yard dumpsters are available.
- b) Commercial customers may require standard service, two (2) pick ups per week; or double service, four (4) pick ups per week.
- c) Commercial businesses which are required by law to have dumpsters with lids may request same in writing and expect a 30 day delivery time frame.

### METAL MAY NOT BE PLACED IN DUMPSTERS

### SECTION IV GRASS AND LEAVES

- a) Grass and leaves will be picked up at curbside once a week, only if contained in store bought lawn and leaf bags; or special purpose bags purchased at City Hall, if approved by City Resolution. The weight of each bag for pick up is not to exceed 50 pounds.
- b) All customers are encouraged to use mulching type mowers to reduce the need for this City service.
- c) Residents and Businesses East of the centerline of Hwy 301 (Main Street) must have bags at curbside according to Schedule A in the Refuse Resolution.
- d) Residents and Businesses West of the centerline of Hwy 301 (Main Street) must have bags at curbside according to Schedule B in the Refuse Resolution.
- e) Bags should not be placed on the traveled portion of City streets or in drive ways, but should be accessible at curbside so as to minimize the time and effort required for pick up. Collectors are not required to retrieve, open gates or lift bags over fences or other containment.
- f) Bags may not be left at curbside for any longer than three (3) days.

#### SECTION V TIRES AND RIMS

The City will pass on to the customer, the individual landfill charges for the following, plus a 10% handling fee:

- a) Car tire
- b) Car tire with rim
- c) Truck tire (up to size 900 x 20)
- d) Truck tire (up to size 900 x 20) with rim
- e) Tires larger than size 900 x 20 will be charged at a per pound rate
- f) Other

To ensure timely pick up and proper billing for tires residents should follow the pay-item procedure outlined in the Refuse Resolution.

#### SECTION VI TRIMMING AND LIMBS

##### a) Delivery

1. The City will be constructing a forced air limb burner. When operational, residents are encouraged to bring yard trimming and limb debris to the burner grounds during advertised hours of operation at a fee to be set by Resolution.

##### b) Pick up

1. Piles of trimmings and limbs (all grass and leaves need to be bagged per the previous section of this ordinance) will be picked up at residents' curbside at no fee only if the pile does not exceed the following maximum size.

2. The maximum volume allowed for no-charge pick up is two (2) cubic yards as estimated by the Public Works Director or his designee. Ground area covered and height of pile may vary within the maximum volume.

3. No limbs shall be larger than 6" in diameter at any point and no larger than four (4) feet in length for no-cost pick up.

##### c) Pay Pile Pick Up

1. There will be a charge for trimmings and limbs not conforming to the aforementioned two (2) cubic yard criteria. The pay-item procedure as outlined in the Refuse Resolution shall apply.

2. Residents are encouraged to take yard trimmings and limbs to the County Landfill if they so desire or residents may contract with a private hauler permitted to perform this type of work in the City of Wildwood in lieu of City services.

3. Trimmings and limbs shall not be left at curbside for longer than five (5) days unless a pay-item procedure has been initiated with the City of Wildwood.

#### SECTION VII OTHER REFUSE

- a) Refuse not covered in Sections I through VI shall fall in the "Other Refuse" category. This category includes furniture, white goods, carpeting, beds, bicycles, electronic goods and other non-standard household garbage and requires a pay-item procedure.
- b) The items covered in (a) above are not permitted to be placed in cans or dumpsters.
- c) Residents are encouraged to dispose of these items at the Sumter County Landfill, however, the City will pick up and dispose of these items for a service fee, since these items are not covered under normal residential or commercial monthly refuse rates for cans or dumpsters.
- d) The service fee to dispose of the items covered under this Section will be predetermined prior to pick up according to the policy outlined in the "Pay Item" Section of the Refuse Resolution.
- e) If the service fee quoted is not satisfactory to the resident, the resident may contract with a private hauler who is licensed and permitted to do business in the City of Wildwood, so long as that hauler uses a State approved landfill or method of disposal.
- f) Refuse of this type is not permitted to remain at curbside for longer than five (5) calendar days.

#### SECTION VIII PAY ITEM PROCEDURE

- a) A pay-item procedure will be developed which will accommodate items for pick up not covered in the standard residential or commercial monthly refuse rate and described in Section IV, V, VI, and VII. The procedure will be adopted and amended by Resolution of the City Commission.

#### SECTION IX RECYCLING

- a) Recycling is offered on a City-wide, non-mandatory basis. Original Recycling Items are as follows:
- |               |   |
|---------------|---|
| - Newspaper   | - Aluminum  |
| - Tin         | - Motor Oil   |
| - Clear Glass | - additional items may be added or deleted by Resolution of the City Commission |
- b) Recycling will be by means of neighborhood recycling stations. These stations are drive thru with color keyed containers clearly marked for separated recyclables.
- c) Recyclables may not be mixed and it is unlawful to place anything in a container or on the grounds of a City recycling station other than what is clearly marked on the containers.
- d) It is unlawful to salvage from recycling centers. All materials left a recycling centers become the property of the City of Wildwood.
- e) A nominal monthly service fee may be charged for set up, operation and maintenance of the recycling service centers as delineated in the Refuse Fee Resolution.

#### SECTION X PAY ITEM PROCEDURE

REC. 527 MAY 88

Initiation

Either resident calls City Hall requesting an estimate or

- b) A pay-item pile is noticed and location is relayed to City Hall which attempts to contact resident.

Estimate Criteria

An estimate is generated based on the criteria set forth in the Refuse Fee Resolution.

- b) Other refuse will be billed based on estimated weight in pounds. The formula for the charge per pound will be set in the Refuse Fee Resolution.
- c) After the estimate has been developed the Public Works employee will fill out an official estimate form with a City Utility Technician and personally relay the estimate to the resident, explaining the charge as necessary.
- d) The resident can reject the estimate and contact a private hauler permitted to do business in the City of Wildwood as long as the waste is disposed according to the State and County law and ordinances. This pick up must be accomplished within three (3) days of the estimate contact for health and safety reasons.
- e) If the resident accepts the estimate for the pick up, he/she must sign the work order to authorize the work performed and the subsequent billing.
- f) The Utility Department will then arrange with the Public Works Director or his designee a scheduled time for the pick up.
- g) After the pick up has taken place the Public Works Director or his designee will sign off on the work completed portion of the work order.
- h) The Utility Technician will then enter the extra charge into the "Other Charges" portion of the resident's computer billed account to be paid at the same time as the rest of the utility bill. In no case is the customer to be charged more than the estimate for the refuse picked up.

SECTION IX DECLARATIONS

If any provision or Section of this Ordinance is declared invalid, the validity of the remainder shall not be affected.

All fees payable, pursuant to this Ordinance shall be set by Resolution, and shall be amended as set by City Commission from time to time.

Any and all other Ordinances or parts of Ordinances dealing with any provision or Section of this Ordinance are hereby superseded by the language and intent of this Ordinance.

This Ordinance shall take Effect October 1, 1993.

DONE AND ORDAINED this 28<sup>th</sup> day of June in the year 1993 by the City Commission of the City of Wildwood.

CITY COMMISSION  
CITY OF WILDWOOD, FLORIDA

SEAL

Attest:

Joseph Jacobs  
Joseph Jacobs, City Clerk

Ed Wolf

Ed Wolf, Mayor Commissioner

Sumter County  
Solid Waste Research and Development Policy

Sumter County is dedicated to providing its residents with a cost effective and environmentally sound solid waste management program. Currently the county is achieving over a 30% recycling rate. The county solid waste management objective is to maximize the effectiveness and efficiency of its program through facility expansion, upgrading, and utilization of new technologies. In order to accomplish this, the county may regularly conduct focused research and development projects. The following are policies the Department of Public Works applies in evaluating the soundness of proposed research and development projects.

Will the project have direct or indirect costs to be borne by the county?

Will the project address any existing facility problems?

Will the project provide information of direct value to the county?

Will the project produce economic benefits to the county?

Will the project further the solid waste management objective of the county?

In addition to the above criteria, in assessing proposals from outside organizations, the county will evaluate the research and development project by evaluating the following:

The compatibility of the organization's objectives with that of the county;

The operating and financial history of the organization; and

The scope and specific task of the R & D Projects.

Additionally, should the county pursue a research and development project with an outside organization, an agreement would be executed which would set forth the rights and obligations of both parties regarding each specific project at all times. The county's priority will be to protect and maintain the level of service provided to county residents and abide by all local, state and Federal laws and regulations.

All research and development proposals would be submitted to the Public Works Department for review and evaluation. A recommendation would be forwarded to the Board of County Commissioners upon completion for final action.

Sumter County reserves all rights to select only those projects which in its opinion best serves the interest of Sumter County.

The public records law of Florida is applicable to all projects completed pursuant to this policy.

# Sumter students adopt a highway

South Sumter High School FFA/HERO chapter has adopted the highway in front of the high school and extending two miles towards Lake Panasoffkee. Saturday, Nov. 8, found seven high school students, a fourth grade little sister, and the chapter sponsor out working.

The amount of trash that had been left on the side of the road made an impression on the students who helped.

Several said they had thrown their last piece of litter out of a vehicle. While paper is expected litter, the group was surprised to find plywood, an old lawn chair, and even a couple of hypodermic needles.

One of the Florida State FFA/HERO targets for the 1997-98 school year is "Monitor Our Environment". "we encourage everyone to become involved in protecting our environment right here in Sumter County," said FFA chapter advisor Nancy Thompson.

If you or your organization is interested in helping with the Adopt-A-Highway program, contact Jennifer Illey at the Sumter County Public Works 793 0240.



**ADOPTS HIGHWAY** — Pictured (left to right) back row are: Jessica Wacks, Kars Schoenfeld, and John Earl Shorn. Front row: Jennifer Chancey, Jennifer Vera, Tabitha Mason, Deserae Smart, Amy Hartshorn, and Shantia McCullough.

678-1120-SCT

## PUBLIC NOTICE

City of Wildwood  
offices WILL BE CLOSED  
THURSDAY AND FRIDAY

NOVEMBER 27, 1997 and NOVEMBER 28, 1997  
In Observance of THANKSGIVING

There will be no Refuse Pick Up on that day.

### REFUSE SCHEDULE:

Thursday, November 27, 1997

### CHANGED TO:

Wednesday, November 26, 1997

NOTE: Friday, November 28, 1997  
REFUSE pickup DOES NOT  
CHANGE.

HAVE A SAFE AND HEALTHY



Intetr

11/75  
2/1/80  
2/1/80

# HOUSEHOLD HAZARDOUS WASTE DISPOSE OF POISONS SAFELY!

THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS  
IS SPONSORING A PROJECT TO  
COLLECT, RECYCLE, TREAT & PROPERLY DISPOSE OF  
HOUSEHOLD HAZARDOUS WASTE  
&  
CONDITIONALLY EXEMPT SMALL QUANTITY  
BUSINESSES

*(Hazardous Waste from businesses will be accepted at reduced rates)  
(2200 lbs. per business - Call 1-800-624-5302 for prices)*

**SATURDAY, MARCH 28, 1998 - 9 AM - 3 PM**

~~THE BOARD OF COUNTY COMMISSIONERS~~  
SUMTER COUNTY, FLORIDA

PESTICIDES  
FERTILIZERS  
PAINT THINNERS  
STALE GASOLINE  
ENGINE DEGREASERS  
BRAKE FLUID  
ANTI FREEZE  
BATTERIES  
FLUORESCENT LAMPS  
PROPANE TANKS  
USED SHARPS  
(hypodermic needles)



South Sumter  
High School  
Parking Lot



C-475

US 301

SR-471

Shopping  
Center  
Post  
Office

SR 48

Belt Ave.

C-478

US 301

POOL CHEMICALS  
INSECTICIDES  
OVEN CLEANERS  
DRAIN CLEANERS  
SPOT REMOVERS  
FURNITURE POLISH  
SOLVENTS  
USED OIL  
MERCURY CONTAINING  
DEVICES, I.E.  
THERMOMETERS &  
SWITCHES  
USED OIL FILTERS  
AEROSOL CANS

BRING YOUR WASTE TO SOUTH SUMTER HIGH SCHOOL PARKING LOT  
SATURDAY, MARCH 28, 1998 - COLLECTION HOURS  
ARE BETWEEN 9 AM - 3 PM

100lb. limit per household

## DO NOT

(DO NOT) BRING THE FOLLOWING MATERIALS TO THE COLLECTION CENTER  
FOR DISPOSAL

- 1) EXPLOSIVES & ORDNANCE MATERIALS
- 2) RADIOACTIVE MATERIAL
- 3) INFECTIOUS OR BIOLOGICALLY ACTIVE MATERIAL

**CONTACT SUMTER COUNTY PUBLIC WORKS**  
FOR ASSISTANCE OR INFORMATION AT 793-0240



# Bushnell Elementary

**BY BRENDA LOCKLEAR**

Staff writer

Bushnell Elementary School served up a dose of nature, wildlife and the environment last week, with their annual Earth Day celebration.

Along with school lessons, students were exposed to a variety of information, provided by several different exhibitors on Friday, April 24.

The event was coordinated by Paula Hawkins and Kathi Lowery.

Exhibitors included representatives from state and local agency such as Southwest Florida Water Management District, Florida

Game and Fresh Water Fish Commission, the Florida Department of Forestry, 4-H, Okahumpka Incinerator, the Sumter County Sheriff's Office and Richloam Fish Hatchery.

The school combined the Earth Day with their Career Day and other exhibitors included Prosthetics Research, military recruiters, Spirit, emergency and law enforcement personnel and a cement truck.

Two classes at the school also participated in the event, with a rain forest and butterfly garden exhibit.

Judy Carter of LaGuardia

Wildlife Center was on hand to provide students with a special presentation and student Brad Revels brought a Swiss breed cow to explain how the animals are part of the recycling process.

Earth Day at the school lasted from 8:30 a.m. until noon and students managed to provide over 70 pounds of pet food for Sumter County animals.

Lowery said they had a pet food drive between classes to help provide food for the Sumter County Humane Society, the county animal control facility and LaGuardia.



# Tire recycling business is launched in Wildwood



**GROUNDBREAKING** — Local government and business representatives participated in a groundbreaking ceremony for Global Tire Recycling on Monday. The new business will be located in the Willard Pebbles Industrial Park in Wildwood.

Global Tire Recycling, Inc., recently broke ground on its new facility for the production of crumb rubber from waste tires.

The facility will be located in the Willard Pebbles Industrial Park in Wildwood, which is centrally located in Florida for the collection and receipt of waste tires and the shipment of crumb rubber to its customers throughout the state.

Monday morning, local government and business representatives met at the site of the future facility.

Brian Fifer, chairman/CEO of Global Tire Recycling, Inc. told those attending that all local subcontractors are being used in the facility's construction

and that they intend to hire all employees locally as well.

Fifer said that the ground breaking symbolized "Global putting its roots into the community."

The facility will be 48,000 square feet on 10.7 acres. It is being built under a construction management agreement with Dibarco Building Corporation of Wildwood. The project engineers are Riddle Consulting Engineers, Inc., of Belleview.

The crumb rubber production plant is being built with the proceeds of industrial development revenue bond offering of \$9.2 million that was provided

*Please see TIRES,*

## TIRES

by the state through the Sumter County Industrial Development Authority. The bond offering was underwritten by Blount Parrish and Company, Inc., which is an investment banking firm in Montgomery, Ala.

**SUMTER COUNTY TIMES**  
WEEKLY - 3,300  
INVERNESS  
OCT 02 1997

The facility is expected to be completed in March 1998. At that time, Global Tire Recycling expects to collect and receive waste tires from Central Florida waste tire generators and tire haulers/processors. In the State of Florida, there are approximately 15 million waste tires generated each year.

At full capacity, the facility expects to process approximately 3.5 million tires per year and produce about 26,000 tons per year of crumb rubber, which is finely ground rubber that has 99 percent of the steel and fiber removed.

The crumb rubber is expected to be sold to asphalt blenders, primarily in Florida, for use in Crumb Rubber Modified Asphalt highway projects. Smaller amounts are expected to be sold to various

fences and agricultural soak hoses.

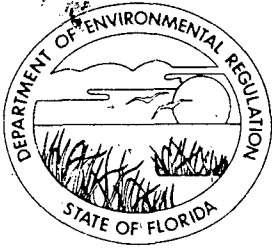
Since 1992, the Florida Department of Transportation (FDOT) has specified the use of crumb rubber in all FDOT asphalt highway projects as either a five percent or 12 percent blend in the asphalt emulsion for, at least, the friction course layer. While it was envisioned that, eventually, it would help to alleviate the Florida waste tire disposal problem and support the state's recycling efforts, the primary purpose was to capitalize on the proven performance and durability characteristics that CRM highway asphalt provides over conventional.

Upon commencement of operation, Global expects to employ approximately 30 employees from the Sumter County area and, upon reaching capacity in about two

Tires that are brought to the facility, generally will be in trailers that will be dumped mechanically and conveyed indoors. No tires will be stored outdoors in tire piles and the entire building will have a fire sprinkler system. The production process consists of shredding and grinding through a series of mills with the steel and fiber removed and recycled, as well. The process is environmentally friendly in that it does not involve heating, freezing, or use of chemicals.

There will be virtually no discharges to the sewer ground water or the atmosphere. The facility will operate under a Waste Tire Processing Permit that will be issued by the Florida Department of Environmental Protection (FDEP), which also will monitor the operations to ensure compliance with all of the related safety

at 5869 County  
nts ECC at 5505  
at 1589 Long  
leburg  
is parked on  
6 Kingsley Lake  
Lake.  
is for paper,  
n and steel are  
y administration  
17 in Green  
baseball parks.  
nation, call the  
nvironmental  
284-6374.



# Florida Department of Environmental Regulation

Southwest District

3804 Coconut Palm

Tampa, Florida 33619

Lawton Chiles, Governor

813-744-6100

Carol M. Browner, Secretary

## PERMITTEE

Mr. Garry Breeden, Director  
Department of Public Works  
Sumter County  
222 East McCollum Avenue  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: SF60-211255  
Date of Issue: **DEC 29 1992**  
Expiration Date: 11/1/97  
County: Sumter  
Lat/Long: 28°44'30"N  
82°05'20"W  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Landfill Long-Term  
Care

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-4, 17-25, 17-520, 17-522, 17-550, and 17-701. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with department and made a part hereof and specifically described as follows:

To provide long-term care, maintenance and groundwater monitoring for (approximately 30 acres), referred to as the Closed Sumter County Landfill, subject to the specific conditions attached. The site is located 1 mile east of Interstate 75 along the south side of C.R. 470, north of Bushnell, Sumter County, Florida.

Replaces Permit No.: SF60-146475

PERMITTEE: Garry Breeden

PERMIT NO: SF60-211255

Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS:

1. This landfill site is classified as a closed Class I landfill. Long-term care, maintenance, and groundwater monitoring shall be provided in accordance with all applicable requirements of Chapters 17-4, 17-25, 17-520, 17-522, 17-550, and 17-701, Florida Administrative Code. Any construction on the closed landfill shall require a separate Department permit unless the Department determines a permit modification to be more appropriate.
2. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this closed landfill. Such control shall prevent the creation of these nuisance conditions on adjoining property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.
3. Gas monitoring shall be provided annually and shall include monitoring of the site as specified in F.A.C. Chapter 17-701, and monitoring in and adjacent to all on-site structures. Test results shall be provided as a percent of the lower explosive limit (LEL). Test locations shall be shown on a drawing and described in a report. The report shall provide professional conclusions and recommendations regarding the adequacy of the existing gas venting and protective measures. The report shall be provided annually beginning March 1, 1993. Evidence of methane gas buildup or migration may necessitate installation of additional measures to control such buildup and/or migration.
4. In the event of damage to any portion of the closed landfill or related facilities, the permittee shall immediately notify the Department of Environmental Regulation explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be made within one week following the occurrence.
5. The site shall continue to have a surface water management system operated and maintained to prevent surface water flow onto the facility site, and a stormwater runoff control system operated and maintained to collect and control stormwater as indicated in the original construction permit submittal. Any significant modification of the approved stormwater design must be resubmitted to the Department for approval prior to implementation.
6. The site shall be properly maintained including erosion control, maintenance of grass cover, prevention of ponding, and gas venting system repairs.

PERMITTEE: Garry J. Jorden PERMIT NO: 60-211255  
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS

9/30/93  
7. At least 30 days prior to performance of any sampling or analysis as required by this permit, the permittee shall provide proof to the Department that field and laboratory work done in connection with your routine groundwater monitoring is conducted by a firm possessing a Generic Quality Assurance Project Plan or a Comprehensive Quality Assurance Plan approved by the Department. The Quality Assurance Plan must specifically address the sampling and analytical work that is required by the permit. The Quality Assurance Plan shall be required from all persons performing sampling or analysis, and shall be followed by all persons collecting or analyzing samples related to this permit.

after 90'93 analyses  
8. In accordance with Chapter 17-520, Florida Administrative Code, the new wells as part of the Groundwater Monitoring System shall be constructed and all wells sampled within ninety (90) days of the issuance of this permit. The permittee shall ensure that the groundwater monitoring system adequately monitors the existing site. Within one hundred and twenty (120) days after issuance of this permit, an evaluation regarding the effectiveness of the system shall be certified by the professional in-charge and submitted to the Department. The evaluation shall include but not be limited to a water table contour map and shall indicate the direction of groundwater flow. The report containing the evaluation shall also include new well construction information and sampling results.

9. Upon completion of any new well(s) constructed, the following information shall be provided:

9/30/93  

Well identification	Driller's Log
Latitude/Longitude	Total depth of well
Aquifer monitored	Casing diameter
Screen Type and slot size	Casing type and length
Screen length	SWFWMD well construction
Elevation at top of pipe	permit numbers
Elevation at land surface	

10. The groundwater monitoring wells shall be located as shown on the attached drawing Figure No. 1 by Springstead Engineering dated November 6, 1992 as follows:

<u>Well Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1	Floridan	See Figure No. 1
MW-2	Floridan	See Figure No. 1
MW-4	Floridan	See Figure No. 1
MW-6A	Floridan	See Figure No. 1
MW-7	Floridan	See Figure No. 1
MW-8	Floridan	See Figure No. 1
MW-9	Floridan	See Figure No. 1

PERMITTEE: Garry J. Jaden      PERMIT NO: 60-211255  
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS (cont'd)

All wells are to be clearly labelled and easily visible at all times.

9/30/13 A surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by metes and bounds or equivalent surveying techniques. The surveyed drawing shall include the monitor well identification number, location and elevation of all permanent benchmark(s) and/or corner monument marker(s) at the site. The survey shall be conducted by a Florida Registered Surveyor.

11. Upon completion of the new wells as part of the groundwater monitoring system, all groundwater monitoring wells shall be sampled for the following parameters:

9/30/13 EPA 624/625 parameters (all compounds detected above 10 ug/L should be reported)

EPA Priority Pollutant Metals

Primary and Secondary Drinking Water Standards which are not included in the above items.

Water Level

Temperature

Conductivity

Ammonium

Color

All groundwater monitoring wells shall be sampled quarterly for the following parameters:

EPA 601/602 parameters

Primary and Secondary Drinking Water Standards which are not included in the above item

Water Level

Temperature

Conductivity

Ammonium

Color

This list of parameters could be modified depending on the results of the initial round of sampling and analysis for this permit application. After four quarters of sampling and analysis, the permittee may apply to modify the sampling parameters.

PERMITTEE: Garry J. Jorden                      PERMIT NO: 60-211255  
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS;

12. All piezometers and wells not a part of the approved groundwater monitoring plan are to be plugged and abandoned in accordance with Chapter 17-21.10(4), F.A.C., and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department providing verification of the plugged program. A written request for exemption to the plugging of a well must be submitted to the Department's Solid Waste Section for approval.

13. If at any time background groundwater standards are exceeded at the edge of the zone of discharge, the permittee has fifteen (15) days in which to resample the monitor well(s) to verify the original analysis. Should the permittee choose not to resample, the Department will consider the water quality analysis as representative of current groundwater conditions at the facility.

14. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department of Environmental Regulation immediately and a detailed written report shall follow within seven (7) days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent the recurrence. All monitoring well design and replacement shall be approved by the Department prior to installation.

15. The field testing, sample collection and preservation and laboratory testing, including quality control procedures, shall be in accordance with methods approved by the Department in accordance with Chapters 17-4.246 and 17-3.401, F.A.C. Approved methods are published by the Department or as published in Standards Methods, A.S.T.M., or EPA methods shall be used. Approved methods for chemical analyses are summarized in the Federal Register, December 1, 1976 (41FR52780) except that turbidity shall be measured by the Nephelometric Method.

16. All groundwater monitoring analysis shall be reported on the Department Form 17-1.216(2), Quarterly Report on Groundwater monitoring. The permittee shall submit to the Department the results of the groundwater monitoring well water quality analysis no later than the fifteenth (15) day of the month immediately following the end of the sampling period. The results shall be sent to the Solid Waste Section, Department of Environmental Regulation, Southwest District Office, 3804 Coconut Palm Drive, Tampa, Florida 33619-8313.

17. The permittee shall ensure that the water quality standards for Class G-II groundwaters will not be exceeded at the boundary of the zone of discharge according to Sections 17-3.402 and 17-3.404, F.A.C.

SPECIFIC CONDITIONS;

18. The permittee shall ensure that the minimum criteria for groundwater specified in Section 17-3.402, F.A.C. shall not be violated within the zone of discharge.

19. Prior to 90 days before the expiration of the Department Permit, the permittee shall submit an evaluation of the Groundwater Monitoring Plan as per F.A.C. Rule 17-7.050(3)(e). The evaluation shall include all applicable information as required by F.A.C. Chapter 17-520, and shall include an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. Any groundwater contamination that may exist, shall be addressed as part of a groundwater investigation for the landfill assessment. As part of the groundwater investigation, the permittee shall sample all groundwater monitoring wells for the Primary and Secondary Drinking Water parameters included in Chapter 17-550, Florida Administrative Code, Drinking Water Standards. The Groundwater Monitoring Plan shall be adequate to monitor any modifications to the existing landfill site including but not limited to closure.

20. The permittee shall provide financial assurance for this landfill site in accordance with F.A.C. Rule 17-701.076. Proof that the financial assurance has been funded adequately shall be provided to the Department annually. All submittals in response to this specific condition shall be submitted to: Financial Coordinator, Solid Waste Section, Department of Environmental Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

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

22. Prior to 90 days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

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



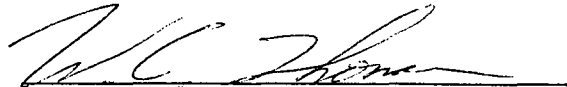
PERMITTEE: Garry J. Jorden                      PERMIT NO: 60-211255  
Sumter County Landfill Long-Term Care

SPECIFIC CONDITIONS (cont'd)

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

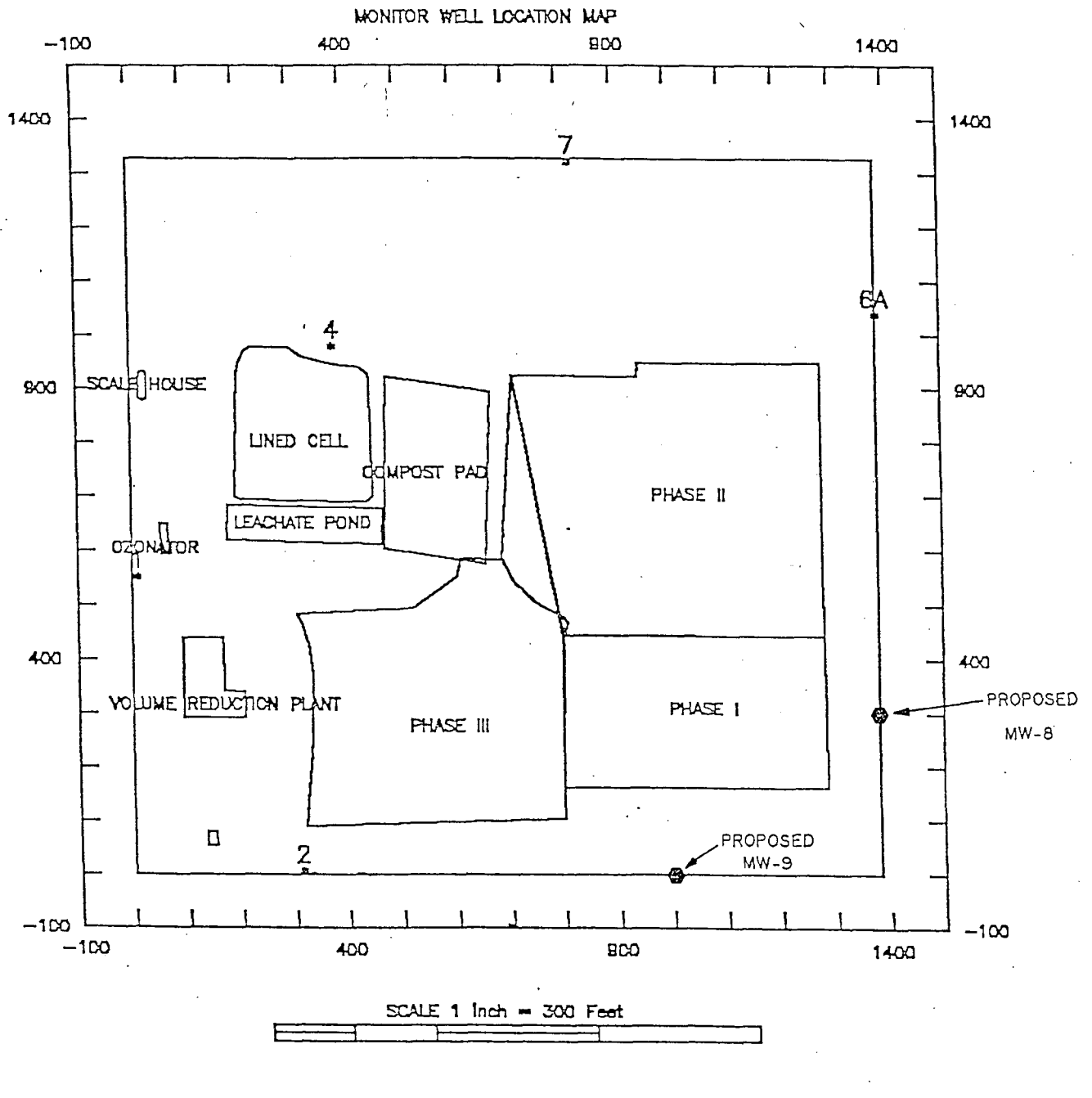
EXECUTED in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

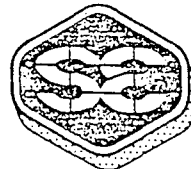


*For* Richard D. Garrity, Ph.D.  
Director of District Management  
Southwest District

# SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY



**SPRINGSTEAD ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS - SURVEYORS



727 S. 14TH STREET  
LEESBURG, FL 34748-5618  
(904) 787-1414

MONITORING WELL LOCATION MAP

SUMTER COUNTY SOLID WASTE FACILITY

SUMTER COUNTY, FLORIDA

Drawn By: DWS

Checked By: JWS

Date: 11/6/92

Job No.: 92-1100.00

FIGURE NO. 1



# Florida Department of Environmental Regulation

Southwest District

3804 Coconut Palm

Tampa, Florida 33619

Lawton Chiles, Governor

813-744-6100

Carol M. Browner, Secretary

## NOTICE OF PERMIT

DEC 29 1992

Mr. Garry Breeden, Director  
Sumter County  
Department of Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Sumter County Landfill Long-Term Care

Dear Mr. Breeden:

Enclosed is Permit Number SF60-211255, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee 32399-2400, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

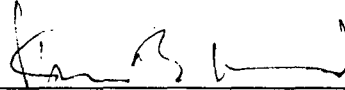
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Mr. Garry Breeden, Director  
Sumter County Public Works

Page Two

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



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


KBF/ab

cc: John Springstead, P.E., Springstead Engineering  
Kathy Anderson, FDER Tallahassee  
Robert Butera, P.E., FDER Tampa  
Steve Morgan, FDER Tampa

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies  
were mailed before the close of business on 12-29-92 to  
the listed persons.

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant  
the designated Department,  
Clerk, receipt of which is  
hereby acknowledged.

  
Clerk

12-29-92  
Date

01/11/93

APPL RECVD:03/30/92 TPA CODE:SF SUBCODE:08 LAST UPDATE:12/29/92  
DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:11/09/92  
DER PROCESSOR:FORD  
APPL STATUS:IS DATE:12/29/92 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)  
RELIEF:\_\_\_ (SSAC/EXEMPTIONS/VARIANCE)

```

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:60
(Y/N) N OGC HEARING REQUESTED LAT/LONG:28.44.30/82.05.20
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:____
(Y/N) N GOV BODY LOCAL APPROVAL REQD? CODE #:_____
(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALT#:_____

```

STATE: FL ZIP: PHONE: - -

STATE:FL ZIP:33513 PHONE:\_\_\_\_-\_\_\_\_-\_\_\_\_

STATE: FL ZIP: 34748 PHONE: - - -

B	C	D	E	F	G	H	I	J	K	L	M	N
DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE	- - - -	___/___/___										
DER SENT DNR APPLICATION/SENT DNR INTENT	- - - -	___/___/___	---	___/___/___								
DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	--	___/___/___										
#1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	04/28/92	--	05/29/92								
#2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	06/26/92	--	07/29/92								
#3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	08/26/92	--	10/05/92								
#4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	10/30/92	--	11/09/92								
#5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	___/___/___	--	___/___/___								
#6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	___/___/___	--	___/___/___								
LAST 45 DAY LETTER WAS SENT	- - - - -	___/___/___										
FIELD REPORT WAS REQ--REC	- - - - -	___/___/___	--	___/___/___								
DNR REVIEW WAS COMPLETED	- - - - -	___/___/___										
APPLICATION WAS COMPLETE	- - - - -	11/09/92										
GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS	- -	___/___/___										
NOTICE OF INTENT WAS SENT--REC TO APPLICANT	- - - -	___/___/___	--	___/___/___								
PUBLIC NOTICE WAS SENT TO APPLICANT	- - - - -	___/___/___										
PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED	- -	___/___/___										
WAIVER DATE BEGIN--END (DAY 90)	- - - - -	___/___/___	--	___/___/___								

COMMENTS:

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188523

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell Dollars \$ 1800.00

Applicant Name & Address Same

Source of Revenue Solid Waste Mg+

Revenue Code 1051 Application Number SF60-211255

OK 47594 By Alvina King

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188523

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell Dollars \$ 1800.00

Applicant Name & Address Same as before

Source of Revenue Solid Waste Mg+

Revenue Code 1051 Application Number SF60-211255

OK 47594 By Alvina King

## APPLICATION TRACKING SYSTEM

04/02/92

APPL NO: 211181

APPL RECVD: 03/30/92 TYPE CODE: 80 SUBCODE: 108 LAST UPDATE: 03/31/92

DER OFFICE RECVD: TPA DER OFFICE TRANSFER TO: APPLICATION COMPLETE: 10/05/92

DER PROCESSOR: SWP FOR 12/17/92

APPL STATUS: 00 DATE: 03/30/92 ACTIVE/DENIED/WITHDRAWN EXEMPT/ISSUED/GENERAL

EX RELIEF: ISSAC/EXEMPTIONS/VARIANCE

(Y/N) N MANUAL TRACKING DISTRICT: 40 COUNTY: 60

(Y/N) N DGC HEARING REQUESTED LAT/LONG: 83.44.30/32.05.20

(Y/N) N PUBLIC NOTICE READ? BASIN-SEGMENT:

(Y/N) N GOV BODY LOCAL APPROVAL REQ? CODE #:

(Y/N) Y BETTER OF INTENT REQ? (1/ISSUE 0/DENY) ALT#:

PROJECT SOURCE NAME: SUMTER COUNTY LANDFILL

STREET: 1 MI. E. OF T-25 ON CR 470 CT / NA

STATE: FL ZIP: PHONE:

APPLICATION NAME: SUMTER CO. CO. COMM

STREET: 222 E. MCCOLLUM AVE. CITY: BUSHNELL

STATE: FL ZIP: 33513 PHONE:

AGENT NAME: SPRINSTEAD ENGINEERING

STREET: 727 S. 14TH ST. CITY: GLEEBURG

STATE: FL ZIP: 33743 PHONE:

FEE #1 DATE PAID: 03/30/92 AMOUNT PAID: \$1000 RECEIPT NUMBER: 00138507

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE

C DATE DER SENT DNR APPLICATION/SENT DNR INTENT

D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.

E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT

E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT

E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT

E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT

E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT

E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT

F DATE LAST 45 DAY LETTER WAS SENT

G DATE FIELD REPORT WAS REC--REC

H DATE DNR REVIEW WAS COMPLETED

I DATE APPLICATION WAS COMPLETE

J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS

K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT

L DATE PUBLIC NOTICE WAS SENT TO APPLICANT

M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED

N WAIVER DATE BEGIN--END (DAY 90)

COMMENTS:

LEADAR TR-041MENT

PERMIT NOT REQUIRED.

LEADAR RECIRCULATION

APPROVED BY PERMIT

3060-211179.

RETURN \$1000

NEED AN UPDATED

PATR STREET PLS

12/12/92

PLS ENTER AS COMMENT

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188507

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from

Indian County

Date

3/30/92

Address

Dushnell, Fl

Dollars \$

1,000.00

Applicant Name & Address

Samuel 17/99

Source of Revenue

EX Yeatche Treatment Facility

Revenue Code

1055

Application Number

SC60-211181

By

CR 4P621

Alvin King



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188508

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Dumler County Date 3/30/92  
Address Bushnell, FL Dollars \$ 1000.00  
Applicant Name & Address Same  
Source of Revenue Class I  
Revenue Code 1056 Application Number 500-211182  
CL248622 By Alvina King

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188508

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Dumler County Date 3/30/92  
Address Bushnell, FL Dollars \$ 1000.00  
Applicant Name & Address Same 11205192  
Source of Revenue Class I  
Revenue Code 1056 Application Number 500-211182  
CL248622 By Alvina King

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188509

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell, FL Dollars \$ 100.00

Applicant Name & Address Same

Source of Revenue Sumter Co. WT

Revenue Code 1070 Application Number WT60-211205

By Alvin King

R 48623

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188509

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell, FL Dollars \$ 100.00

Applicant Name & Address Same 11/16/92

Source of Revenue Is Sumter Co. WT

Revenue Code 1070 Application Number WT60-211205

By Alvin King

R 48623

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188506

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell, FL Dollars \$ 3000.00

Applicant Name & Address Same

Source of Revenue Sumter County Landfill

Revenue Code 1056 Application Number 5060-21179

48624 By Almine King

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

188506

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Sumter County Date 3/30/92

Address Bushnell, FL Dollars \$ 3000.00

Applicant Name & Address Same 12/16/92 10592

Source of Revenue Is Sumter County Landfill

Revenue Code 1056 Application Number 5060-21179

48624 By Almine King

## APPLICATION TRACKING SYSTEM

12/18/92

APPL NO:211179

APPL RECVD:03/30/92 TYPE CODE:SO SUBCODE:13

LAST UPDATE:12/16/92

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:10/05/92

DER PROCESSOR:FORD

APPL STATUS:IS DATE:12/16/92 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

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

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:60

(Y/N) N DGC HEARING REQUESTED

LAT/LONG:28.44.30/82.05.20

(Y/N) Y PUBLIC NOTICE REQD?

BASIN-SEGMENT:\_\_\_

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

CODE #:\_\_\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY)

ALT#:\_\_\_\_\_

PROJECT SOURCE NAME:SUMTER COUNTY LANDFILL

STREET:1 MI. E. OF I-75 ON CR 470 CITY:NA

STATE:FL ZIP:\_\_\_\_\_ PHONE:\_\_\_\_\_

APPLICATION NAME:SUMTER BD. CO. COMM.

STREET:222 E. MCCOLLUM AVE. CITY:BUSHNELL

STATE:FL ZIP:33513 PHONE:\_\_\_\_\_

AGENT NAME:SPRINSTEAD ENGINEERING

STREET:727 S 14TH ST. CITY:LEESBURG

STATE:FL ZIP:34748 PHONE:\_\_\_\_\_

FEE #1 DATE PAID:03/30/92 AMOUNT PAID:03000 RECEIPT NUMBER:00188506

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / - -  
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / - - - - / / - -  
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / - -  
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 04/28/92--05/29/92  
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 06/26/92--07/29/92  
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 08/26/92--10/05/92  
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - - / / - -  
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - - / / - -  
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - - / / - -  
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / - -  
G DATE FIELD REPORT WAS REQ--REC - - - - - / / - - - / / - -  
H DATE DNR REVIEW WAS COMPLETED - - - - - / / - -  
I DATE APPLICATION WAS COMPLETE - - - - - 10/05/92  
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / - -  
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - 11/16/92--11/17/92  
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - 11/16/92  
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - 12/07/92  
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / - - - / / - -  
COMMENTS:

## APPLICATION TRACKING SYSTEM

12/18/92

APPL NO:211182

APPL RECVD:03/30/92 TYPE CODE:SO SUBCODE:04

LAST UPDATE:12/16/92

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:10/05/92

DER PROCESSOR:FORD

APPL STATUS:IS DATE:12/16/92 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

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

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:60

(Y/N) N DGC HEARING REQUESTED

LAT/LONG:28.44.30/82.05.20

(Y/N) Y PUBLIC NOTICE REQD?

BASIN-SEGMENT:\_\_\_

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:\_\_\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY)

ALT#:\_\_\_\_\_

PROJECT SOURCE NAME:SUMTER COUNTY LANDFILL

STREET:1 MI. E. OF I-75 ON CR 470 CITY:NA

STATE:FL ZIP:\_\_\_\_\_ PHONE:\_\_\_\_\_

APPLICATION NAME:SUMTER BD. CO. COMM.

STREET:222 E. MCCOLLUM AVE. CITY:BUSHNELL

STATE:FL ZIP:33513 PHONE:\_\_\_\_\_

AGENT NAME:SPRINSTEAD ENGINEERING

STREET:727 S 14TH ST. CITY:LEESBURG

STATE:FL ZIP:34748 PHONE:\_\_\_\_\_

FEE #1 DATE PAID:03/30/92 AMOUNT PAID:01000 RECEIPT NUMBER:00188508

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / - -

C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / - - / - -

D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - - / / - -

E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 04/28/92--05/29/92

E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 06/26/92--07/29/92

E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - 08/26/92--10/05/92

E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - / - -

E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - / - -

E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / - - / - -

F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / - -

G DATE FIELD REPORT WAS REQ--REC - - - - - / / - - / - -

H DATE DNR REVIEW WAS COMPLETED - - - - - / / - -

I DATE APPLICATION WAS COMPLETE - - - - - 10/05/92

J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / - -

K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - 11/16/92--11/17/92

L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - 11/16/92

M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - 12/07/92

N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / - - / - -

COMMENTS:THIS PERMIT NUMBER NOT USED. PERMIT NUMBER SO60-211179 INCLUDES THIS OPERATION OF THE MATERIALS RECOVERY AND VOLUME REDUCTION FACILITY

## APPLICATION TRACKING SYSTEM

12/18/92

APPL NO:211205

APPL RECVD:03/30/92 TYPE CODE:WT SUBCODE:05

LAST UPDATE:12/16/92

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:\_\_\_ APPLICATION COMPLETE:10/05/92

DER PROCESSOR:FORD

APPL STATUS:IS DATE:12/16/92 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

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

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:60

(Y/N) N DGC HEARING REQUESTED

LAT/LONG:28.44.30/82.05.20

(Y/N) Y PUBLIC NOTICE REQD?

BASIN-SEGMENT:\_\_\_

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:\_\_\_\_\_

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY)

ALT#:\_\_\_\_\_

PROJECT SOURCE NAME:SUNTER COUNTY SOLID WASTE MGT. FAC.

STREET:1 MI. E. OF I-75 ON CR 470

CITY:SUNTERVILLE

STATE:FL

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

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

APPLICATION NAME:SUNTER BD. CO. COMM.

STREET:222 E. MCCOLLUM AVE.

CITY:BUSHNELL

STATE:FL

ZIP:33513

PHONE:904-793-0240

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

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

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

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

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

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

FEE #1 DATE PAID:03/30/92 AMOUNT PAID:00100 RECEIPT NUMBER:00188509

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - -

C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - -

D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. - - - - -

E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - -

F DATE LAST 45 DAY LETTER WAS SENT - - - - -

G DATE FIELD REPORT WAS REQ--REC - - - - -

H DATE DNR REVIEW WAS COMPLETED - - - - -

I DATE APPLICATION WAS COMPLETE - - - - -

J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - -

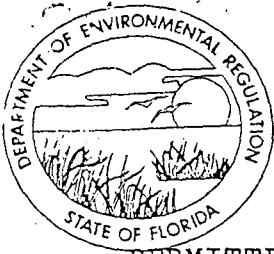
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - -

L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - -

M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - -

N WAIVER DATE BEGIN--END (DAY 90) - - - - -

COMMENTS:THIS PERMIT NUMBER NOT USED. PERMIT NUMBER SD60-211179 INCLUDES THIS OPERATION OF THE WASTE TIRE FACILITY.



# Florida Department of Environmental Regulation

**Southwest District**

Lawton Chiles, Governor

3804 Coconut Palm

813-744-6100

Tampa, Florida 33619

Carol M. Browner, Secretary

## PERMITTEE

Mr. Garry Breeden, Director  
Department of Public Works  
Sumter County  
222 East McCollum Avenue  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

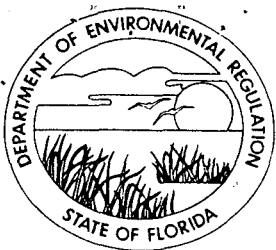
GMS ID No: 4060C00092  
Permit No: S060-211179  
Date of Issue: **DEC 16 1992**  
Expiration Date: 11/1/97  
County: Sumter  
Lat/Long: 28°44'30"N  
82°05'20"W  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Solid Waste  
Management Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-4, 17-25, 17-701, 17-709, and 17-711. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with department and made a part hereof and specifically described as follows:

To operate a solid waste management facility (approximately 10 acres), located 1 mile east of Interstate 75 along the south side of C.R. 470, north of Bushnell, Sumter County, Florida, referred to as the Sumter County Solid Waste Management Facility. The specific conditions attached are for the operation of:

1. MSW Composting Facility
2. Materials Resource Recovery Facility
3. Leachate Recirculation System
4. Waste Tire Storage Facility

Replaces Permit No.: SC60-132071



# Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

## PERMITTEE

Mr. Garry Breeden, Director  
Department of Public Works  
Sumter County  
222 East McCollum Avenue  
Bushnell, Florida 33513

## PERMIT/CERTIFICATION

GMS ID No: 4060C00092  
Permit No: S060-211179  
Date of Issue: DEC 16 1992  
Expiration Date: 11/1/97  
County: Sumter  
Lat/Long: 28°44'30"N  
82°05'20"W  
Sec/Town/Rge: 15/20S/22E  
Project: Sumter County  
Solid Waste  
Management Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-4, 17-25, 17-701, 17-709, and 17-711. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with department and made a part hereof and specifically described as follows:

To operate a solid waste management facility (approximately 10 acres), referred to as the Sumter County Solid Waste Management Facility, for solid waste processing, composting, and sorting recovered materials, subject to the specific conditions attached. The site is located 1 mile east of Interstate 75 along the south side of C.R. 470, north of Bushnell, Sumter County, Florida.

Replaces Permit No.: SC60-132071



PERMITTEE: Garry Eeden                      PERMIT NO: 60-211179  
Sumter County Solid Waste Management Facility

SPECIFIC CONDITIONS:

1. This facility shall be operated in accordance with reports by Springstead Engineering dated March 30, May 29, July 29, October 2, and October 29, 1992 and revised plan sheet dated October 29, 1992. This facility shall be operated in accordance with all applicable requirements of Chapters 17-4, 17-25, 17-701, 17-709, and 17-711, Florida Administrative Code. Composting operations shall comply with Rules 17-709.500, 17-709.510, 17-709.515, FAC. The maximum time that processed wastes shall remain onsite from the time of receipt is 12 months. Records shall be kept to document the receipt of the material, location of the material on site through the processing time period, and when it was removed from the site. The emergency lined storage cell shall be emptied of all waste within two years of issuance of this permit and shall only be used for further waste storage upon prior approval by the Department. Approval is granted by the Department for six (6) months commencing on the date of issuance of this permit for the storage of processed fluff due to a delay resulting from the construction of the leachate recirculation system.

2. The operating authority shall be responsible for the control of odors and fugitive particulates arising from this operation. Such control shall prevent the creation of these nuisance conditions on adjoining property. Complaints received from the general public and confirmed by Department personnel upon site inspection shall constitute a nuisance condition and the permittee must take immediate corrective action to abate the nuisance.

3. The permittee shall not accept hazardous waste or any hazardous substance at this site. Hazardous waste is a solid waste identified by the Department as a hazardous waste in Chapter 17-730, Florida Administrative Code. Hazardous substances are those defined in Section 403.703, Florida Statute or in any other applicable state or federal law or administrative rule.

4. All solid waste, recovered materials or residues handled at the facility shall be stored in a manner so as not to constitute a fire or safety hazard or a sanitary nuisance, and shall comply with all applicable local and state regulations. Recovered resources resulting from the facility and which may be offered for sale shall comply with applicable regulations of all appropriate state agencies.

5. Burning at this site is prohibited and is a violation of this permit. Any accidental fires which require longer than one (1) hour to extinguish must be promptly reported to the Department of Environmental Regulation.

6. The permittee shall dispose of all nonrecyclable goods in an appropriate disposal facility permitted by the Department. Only those wastes or materials specifically approved by FDER shall be accepted at the composting facility.

PERMITTEE: Garry Meeden

PERMIT NO: 60-211179

Sumter County Solid Waste Management Facility

#### SPECIFIC CONDITIONS

7. The site shall continue to have a surface water management system operated and maintained to prevent surface water flow onto the facility site, and a stormwater runoff control system operated and maintained to collect and control stormwater as indicated in the original construction permit submittal. Any significant modification of the approved stormwater design must be resubmitted to the Department for approval prior to implementation.

8. The stormwater/leachate ponds shall be emptied and the liner inspected for degradation annually and to ensure it continues to have appropriate physical, chemical and mechanical properties to prevent failure due to physical contact with the waste or leachate, climatic conditions, and other applied stresses and hydraulic pressures. The inspection shall be conducted and a report with recommendations and conclusions shall be submitted to the Department, certified by a professional engineer.

9. The permittee shall continue to provide collection and treatment necessary to meet water quality standards of all leachate and other liquid wastes such as wash-down water produced as a result of the operation of the processing and composting facility.

10. A trained supervisor or foreman shall be responsible for maintaining the facility in an orderly, safe, and sanitary manner. Sufficient personnel shall be employed to adequately operate the facility in compliance with this permit and in accordance with the Operation, Maintenance and Service Manual by Springstead Engineering.

11. The composting operation shall comply with FAC Chapter 17-709 and the resulting compost product shall comply with FAC Rules 17-709.530, 17-709.550, and 17-709.600. Other materials produced from the operation must not be marketed and sold as compost if it does not meet the standards of FAC 17-709.550 and 17-709.600.

12. Measures shall be taken to avoid mixing incoming wastes with finished products ready to be used or sold for use to discourage the re-introduction of weed seeds and pathogens.

13. More than half of the compost stored at the facility shall be used or sold for use within each year. Further, any compost remaining at the facility for three years after it was produced shall be disposed of pursuant to the requirements of Chapter 17-701, F.A.C. or shall be reprocessed so that it can be sold or used.

PERMITTEE: Garry Eeden                      PERMIT NO: 60-211179  
Sumter County Solid Waste Management Facility

SPECIFIC CONDITIONS (cont'd)

14. The permittee shall record and maintain for three years the information set forth in Rule 17-709.530(2), FAC, regarding the activities for each month of operation of the facility. Records shall be available for inspection by Department personnel during normal business hours and shall be sent to the Department upon request.

15. The amount of compost or other products stored at the facility shall not exceed the designed capacity of 12,000 cubic yards for the total windrow area of the three compost pads.

16. Solid Waste which will not be made into compost or processed into other usable material shall be removed at least monthly.

17. Adequate equipment and reserve equipment shall be available for the mixing and turning of the windrow piles.

18. Each windrow pile shall be composted for a minimum of 20 consecutive days at an internal core temperature of 55°C degrees Celsius (131°F degrees Fahrenheit) and be completely turned at least 5 times during this twenty day period.

19. If odors are determined to be a nuisance at the site's boundaries, or if rainfall damages the final curing piles, odor controls or waterproof covers shall be provided.

20. The composting facility shall be operated so as to handle solid wastes on first-in, first-out basis. At no time shall any stored solid waste be allowed to remain unprocessed for more than seventy-two (72) hour. The expected life of a windrow is 60 days. Finished compost shall be removed for distribution to allow for new windrows. No windrow shall remain in process for longer than 120 days following the initial application of liquid waste water. Finished compost may remain longer than 120 days if normal operations including the size and number of rows remain unaffected.

21. Upon routine removal of each finished windrow, defective areas such as cuts or gouges found in the compost pad shall be repaired within 10 days. Should ponding occur on the compost pads for a duration of 72 hours or greater, the permittee shall implement measures to regrade and resurface areas on which ponding occurs. The windrow area's surface shall be inspected for degradation annually to ensure that the surface adequately withstands the wear and tear from normal operations. The inspection shall be conducted and a report with recommendations and conclusions shall be submitted to the Department, certified by a professional engineer.

SPECIFIC CONDITIONS (cont'd)

22. Stormwater or other surface water which comes into contact with the solid waste or mixed with leachate shall be considered leachate. All leachate shall be contained and shall not be discharged.

a. In the event that rainfall or evaporation rates cause the moisture content of the compost to exceed 65%, or cause the presence of standing liquid on the compost pad for longer than 72 hours following rainfall or application of liquid, then the permittee shall not apply any more liquid to the compost until the compost moisture content is less than 65%, and there is no standing liquid present on the compost pad.

b. The stormwater/leachate control ponds shall be kept in an aerobic condition at all times in order to prevent the development of nuisance conditions. This may require the installation of aeration equipment. The design of such equipment must be approved by the Department through issuance of a separate construction permit or modification of this permit.

23. The compost product will be sampled and analyzed as follows:

A composite sample of the compost produced at the composting facility shall be analyzed at intervals of every 20,000 tons of compost produced or every three months, whichever comes first, for:

<u>Parameter</u>	<u>Unit</u>	<u>Method</u>
Moisture	%	EPA 160.3
Total Nitrogen	% dry weight	EPA 351 & 353
Total Phosphorus	% dry weight	EPA 365
Total Potassium	% dry weight	EPA 3050/7610
Reduction in Organic Matter	%	EPA 160.4
Organic Matter	%	EPA 160.4
pH	standard units	EPA 9045
Foreign Matter	%	
Cadmium	mg/kg dry weight	EPA 3050/7130
Copper	mg/kg dry weight	EPA 3050/7210
Lead	mg/kg dry weight	EPA 3050/7420
Nickel	mg/kg dry weight	EPA 3050/7520
Zinc	mg/kg dry weight	EPA 3050/7950
Fecal Coliform	most probable number (MPN) per gram of volatile suspended solids(VSS)	SM 908

Those products produced not intending to meet or not meeting the compost standards shall not be marketed or sold as compost. The Department may decrease or increase the parameters to be analyzed for or the frequency of analysis based on monitoring data, changes in the waste stream or processing, or the potential presence of toxic substances.

PERMITTEE: Garry Eeden                      PERMIT NO: 50-211179  
Sumter County Solid Waste Management Facility

SPECIFIC CONDITIONS (cont'd)

24. Sampling and analysis activities as required by this permit shall be conducted by parties in accordance with a Department approved Quality Assurance Project Plan (Q.A.P.P.). Sampling and testing of the finished compost shall be in accordance with Rule 17-709.530(1), FAC. A copy of the test results shall be submitted to the Department within 30 days of sample collection. FAC Rule 17-709.530(1)(e), requires that sample collection, preservation, and analysis be pursuant to a Department-approved quality assurance plan. Documentation of the parties possession of an approved Q.A.P.P. shall be submitted to the Solid Waste Section, Department of Environmental Regulation, Southwest District Office, Tampa, Florida.

25. The finished compost shall comply with disinfection as defined in Rule 17-709.200(6), FAC.

26. An annual report shall be submitted to the Department by June 1 of each year in accordance with Rule 17-709.530(3), FAC.

27. In the event of damage to any portion of the composting facilities, the permittee shall immediately notify the Department of Environmental Regulation explaining such occurrence and remedial measures to be taken and time needed for repairs. Written detailed notification shall be made within one week following the occurrence.

28. Construction activities approved as a part of this permit shall be completed within one hundred and eighty (180) days following issuance of this permit. Any construction not previously approved as part of this permit shall require a separate Department permit unless the Department determines a permit modification to be more appropriate. After all significant initial construction of the site or facility components have been completed, the engineer or the authorized public officer shall complete Certification of Construction Completion, Department Form 17-7.130(2) and contact the Department to arrange for Department representatives to inspect the facility in the company of the permittee, the engineer, and the proposed on-site facility operator. The inspection is to ensure that the site or facility components have been developed in accordance with the approved permit. "Record Drawings" shall be submitted to the Department.

29. Waste tires at the waste tire storage area shall be stored in accordance with the waste tire site requirements in Rule 17-711.510, FAC. Storage at the waste tire storage area is limited to 10 tons of waste tires. At least 75% of the waste tires that are delivered to or are contained on the site of the waste tire storage area at the beginning of each calendar year must be removed for disposal or recycling from the area during the year in a permitted solid waste management facility. An annual report summarizing these operations shall be submitted to the Department by March 1 of each year, pursuant to FAC 17-711.530(4).

PERMITTEE: Garry Reeden                      PERMIT NO: 60-211179  
Sumter County Solid Waste Management Facility

SPECIFIC CONDITIONS (cont'd)

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

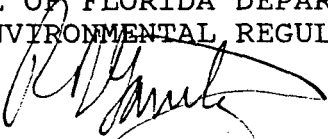
31. Prior to 90 days before the expiration of the Department Permit, the permittee shall apply for a renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules.

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

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

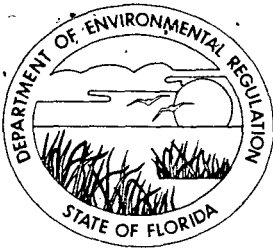
EXECUTED in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

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



# Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

## NOTICE OF PERMIT

DEC 1 8 1992

Mr. Garry Breeden, Director  
Sumter County  
Department of Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

Re: Sumter County Solid Waste Management Facility

Dear Mr. Breeden:

Enclosed is Permit Number S060-211179 to operate a facility for composting, issued pursuant to Section(s) 403.087(1), Florida Statutes.

Any party to the Order (permit) has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399 and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

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

KBF/ab

cc: John Springstead, P.E., Springstead Engineering  
Kathy Anderson, FDER Tallahassee  
Robert Butera, P.E., FDER Tampa  
Steve Morgan, FDER Tampa

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on DEC 16 1992 to the listed persons.

FILING AND ACKNOWLEDGMENT  
FILED, on this date, pursuant  
the designated Department,  
Clerk, receipt of which is  
hereby acknowledged.

Anna Black  
Clerk

DEC 16 1992  
Date



ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

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

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

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

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

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

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

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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

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

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

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

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

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

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

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

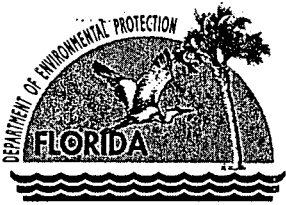
13. This permit also constitutes:

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

14. The permittee shall comply with the following:

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

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



# Department of Environmental Protection

Lawton Chiles  
Governor

**MAR 25 1997**

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Mr. Garry Breeden, Director  
Department of Public Works  
222 East McCollum Avenue  
Bushnell, Florida 33513

**RE: Permit Renewal, Sumter Co. Landfill Long-Term Care  
Sumter County Solid Waste Mgmt. Facility  
Permit No.: SF60-211255 & SO60-211179, respectively**

Dear Mr. Breeden:

A review of Department files indicates that the above referenced permits expire on November 11, 1997.

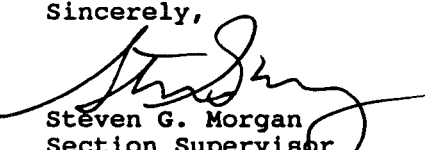
Specific Condition #22 of permit# SF60-211255 and Specific Condition #31 of permit# SO60-211179 state, "Prior to 90 days before the expiration of the Department Permit, the permittee shall apply for a permit renewal of a permit on forms and in a manner prescribed by the Department, in order to assure conformance with all applicable Department rules."

Due to the complexities involved in designing, constructing and operating a solid waste management facility, and the possibility that standards and/or regulations applicable to your facility may have changed, preparation of a complete permit application can be a rather involved and time consuming process.

Therefore, the Department recommends that if you have not already done so, you begin the preparation of your application for permit renewal for the above referenced facilities. Also, since permit fees have changed, you should contact this office prior to submittal of your application to assure that the current fee is included.

Should you have any questions or require any assistance, please feel free to contact Allison Amram at (813) 744-6100, ext. 382 in regard to the Long-Term Care permit and Susan Pelz at ext. 386 in regard to the Solid Waste Management Facility permit.

Sincerely,

  
Steven G. Morgan  
Section Supervisor  
Solid Waste Compliance/Enforcement  
Southwest District

cc: Robert Butera  
Allison Amram  
Susan Pelz

P 079 946 454

# RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL -

PS Form 3800, June 1985

(See Reverse)	
<i>Garry Breeden, Director</i> <i>Dept. of Public Works</i>	
Street and No. <i>222 East McCollum Ave.</i>	
P.O., State and ZIP Code <i>Bushnell, FL 33513</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

## SENDER:

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

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

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

### 3. Article Addressed to:

Mr. Garry Breeden, Director  
Department of Public Works  
222 East McCollum Avenue  
Bushnell, FL 33513

### 4a. Article Number

*P 079 946 454*

### 4b. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Registered                                | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                              | <input type="checkbox"/> Insured              |
| <input checked="" type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD                  |

### 7. Date of Delivery

*3-26-97*

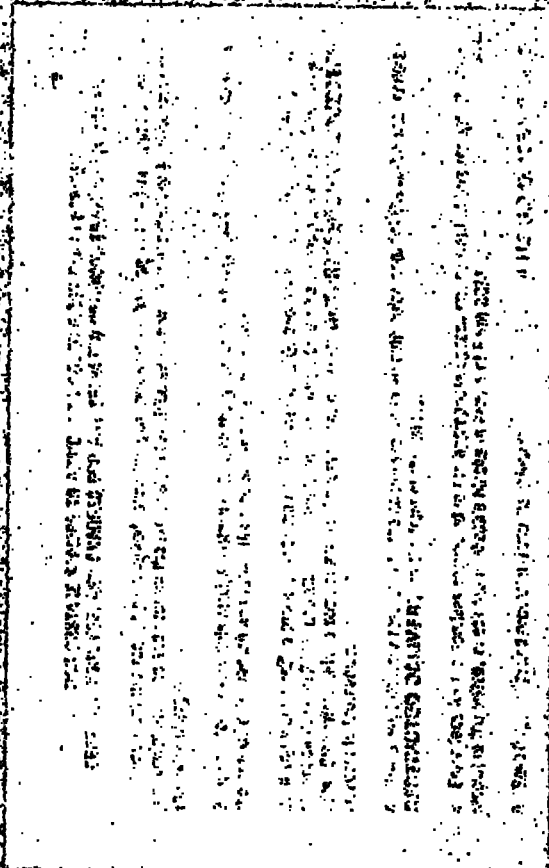
### 5. Received By: (Print Name)

*Secky Atkins*

### 6. Signature: (Addressee or Agent)

X

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



UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. 10-10

STAMP



RECEIVED Put your name, address, and ZIP Code in this box.

MAR 27 1997

D E P

*Steve Morgan*

State of Florida  
Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

*Sanitar Co Leadhill Long Term Care*

Permit # SF60-211255 & 5060-211179



SP 4/24  
RB 4/23/97  
five

# Composting:

## Taking the Road Less Traveled

*Three companies that have defied the odds, the markets, and unlikely locations to succeed in composting show how going off the beaten path has made all the difference.*

**L**ast November, the Composting Council (Alexandria, Va.) brought together companies, federal agencies, universities, recycling and composting organizations, and individuals for its seventh annual conference, entitled "Mapping the Future." For communities across the nation wondering how they are going to meet waste diversion goals by the year 2000, the conference focused on new products, innovations, and technology designed to help people have greater success in composting, whether in their places of business or in their back yards.

Of the many presenters at the conference, this article highlights three: Robert Dow, Mitch Kessler, and Nancy Allen. Although the systems they have developed do not appear, at first glance, to have much in common besides the conference presentations, they all represent how composting in unlikely locations—with unlikely materials or limited resources—can still work. Here are their stories.

**By Kim A. O'Connell**



## A MODEL FACILITY: MSW Composting in Sumter County, Fla.

**A**lthough most people can agree that, in general terms, composting is beneficial and worth doing—especially in light of reports that a combination of composting and current recycling practices could keep more than 70% of all garbage out of landfills and incinerators (see *Waste Age*, March 1996, p. 48)—many in the solid waste industry still question the viability of municipal solid waste (MSW) composting.

MSW composting facilities process all the organic matter found in household refuse. To produce useable compost, these facilities must also effectively separate out contaminants, such as plastics or metals, that often make their way into the mix. Numerous MSW facilities have failed, for reasons ranging from lack of odor control to poor-quality finished products. As an example, a table in the March 1996 issue of *Waste Age* listed all five MSW composting facilities (existing or proposed) in the state of Florida. Of these five operations, two are closed, one is operating only as a materials recovery facility, and one is undergoing permitting, leaving only a single MSW composting facility in the whole Sunshine State that is up and running: the Sumter County Solid Waste Composting, Processing, and Recycling Facility.

The Sumter County facility's story is one of beating the odds, of perseverance, and of taking responsibility. In 1987, the county was forced to close its small landfill, and state law required that the county increase its recycling. "They could have built another landfill, they could have transferred the garbage out," but instead the county decided to build one of the "first-generation" mixed waste composting facilities, says Mitch Kessler, president of TIA Solid Waste Management Consultants, Inc. (Tampa, Fla.), a company that plans, designs, and implements integrated waste management systems. TIA has been involved with the county for six years.

The county has owned the facility since 1988, but for its first five years it was operated by Amerecycle, Inc. Because of litter problems and contaminants being

ground up with the organic material, the county decided "the operating company wasn't performing to their level of satisfaction," Kessler says.

In July 1993, the county decided to take charge of its own MSW destiny and assumed control over the facility. At that time, Kessler began to work intensively with the county's public works director and improve upon the existing structure and technology.

Initially, facility operators would use a Hammer Mill (Buffalo, N.Y.) shredder to grind up everything that came through the plant. "One of the biggest problems we faced was all the plastic in the waste stream that was getting ground up," Kessler recalls. "Once you start shredding plastic bags, you have plastic confetti. And as

soon as you put that material outside, it starts blowing around. The second [issue] was that we were doing outdoor windrow composting, which gives you less environmental control. The third item that we wanted to improve upon was the amount of recyclables we could pull out of the system up front.

"Then what we did was [evaluate] the entire recycling and composting industry and looked at everything that was out there," Kessler continues. "It took us about a year. We looked at all types of up-front processing equipment to handle MSW and remove recyclables...and also those materials that would be contaminants to the composting feedstocks."

Armed with a \$5-million bond from the county, Kessler was determined to make MSW composting work in Sumter County and fulfill its goal of recovering more than 75% of the waste stream.

### A class (A) act

At the drawing board, TIA and the RRT Design and Construction Corp. (now WMI Recycling, Inc.) settled on a design for a 30,000-square-foot facility designed to process 100 tpd of MSW. The facility's components were to be incorporated in three phases.



**Teams of employees** pull out contaminants and sort recyclables, sending the remainder off to be composted.



The first phase, just completed, involved building a large, divided tipping floor that allows commercial haulers to unload materials on one side and homeowners to drop off their recyclables on the other. Almost immediately after materials are left on the tipping floor, a Bobcat (Fargo, N.D.) front-end loader transports them to a complex, but logical, \$1.3-million system of conveyor belts. These conveyors have stations manned by teams of employees who pull out contaminants and recyclables—including recoverable paper, plastic film, glass, old corrugated containers, nonrecyclable bulky waste, and other items. The recyclables are then conveyed to an area where they are baled and sent off to market. Overhead magnets pull out ferrous metals, and an eddy current separator pulls aluminum off the line. Compostable materials are fed through a screen and sent to the back of the facility, where they will be put through a Eweson (Marietta, Ga.) digester. The \$1.6-million digester system—phase two—should be on-line sometime this year.

"After it goes through this recycling system, the material comes together and goes to the composting area," Kessler says. "The best way for us [to control environmental conditions] was in an enclosed digester system. The compost will go into this enclosed vessel, and in that tube you can control moisture, you can control temperature, and you don't have a litter issue....The other significant advantage is that we have the option to add animal manure or sludge," Kessler says. "The objective is to have Class A compost, which is the best compost grade in Florida."

The materials travel through the digester for three days, which "speeds up the [composting] process two to three weeks, as opposed to outdoor windrows," Kessler says. What comes out is a humus-like substance—"the very early stages of compost," he says.

Once the material is taken out of the digester, it will be put into windrows for a variable period of time, depending on how much the windrows need to be aerated. Then the material would go into a finishing and curing building—phase three—which may require additional monies to be implemented.

"You're talking about a lot of dollars," says Benny Strickland, the county commissioner. "We are still trying to obtain another grant, and the reason we're doing that is for the finishing building. Because, in my opinion, it's very critical to control the environment to produce a Class A compost."

During the planning process, the facility did not process or compost any incoming waste. Instead, it was stored in a temporary cell, according to Strickland. However, the

local Department of Environmental Protection ordered the facility to remove materials from the cell by March 1996, providing the facility with an unexpected opportunity to glimpse the future. By processing the stored materials, the county was able to produce and market 3,700 tons of Class A compost, 9,200 tons of Class B compost, and 6,900 tons of Class C compost. If it can do all this without the front-end separation system or the digester, the new facility appears likely to produce Class A compost on a consistent basis.

But what about the problems that have doomed other MSW composting facilities? "Systems fail for a number of reasons," Kessler says. "One is [faulty] technology; two is siting," problems Kessler says the rural Sumter County facility does not have. "We have all kinds of state-of-the-art safeguards, including a biofilter and a scrubber to control odor."

"It's really a state-of-the-art facility [that can] maximize the recovery of these recyclables and produce quality compost from MSW," Kessler says. "I think it will soon become a model facility."





# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

March 18, 1997

Mr. Terry Hurst, Facility Manager  
Sumter County Solid Waste  
P.O. Box 1066  
Bushnell, Florida 33513

Subject: Acceptance of Air Curtain Incinerator Ash  
Sumter County Solid Waste Facility  
Permit No. SO60-211179

Dear Mr. Hurst:

This letter is in response to your January 30, 1997 letter requesting guidance on possible acceptance of ash residue from the City of Wildwood's air curtain incinerator. As the Sumter County facility is a recycling/composting facility, the Florida Department of Environmental Protection (FDEP) would evaluate this request for two issues: one, that use of the ash with compost will provide a beneficial property to the compost, and two, that the metals concentrations in the ash do not present problems for compost users.

The FDEP recommends that the County require pH and total metals<sup>1</sup> analysis of a representative ash residue sample. Some of these metals have concentrations listed in F.A.C. 62-709.550(1)(e) for classifying the compost, but others are metals which could be elevated in the ash residue. The FDEP can evaluate these metals to see if the concentrations are low enough to allow unrestricted distribution in the final compost product.

The County should also test for other parameters (such as total nitrogen, phosphorus, potassium, etc.) which could indicate if it's use will be beneficial to the final compost product. If the ash does show beneficial properties, then the compost permit must be modified for use of the ash as a compost additive. Please note that the permit expires November 1, 1997, and the permit renewal application is due 90 days prior to expiration. If the analyses show that the metals concentrations are acceptable for distribution of the final compost, and the ash residue will benefit the compost product, then the County may consider use of the ash.

If you have any questions, please contact me at 813/744-6100, ext. 336, or Susan Pelz at ext. 386.

Sincerely,

Allison Amram, P.G.  
Solid Waste Section

<sup>1</sup> Arsenic, Antimony, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Silver, Zinc

cc: Susan Pelz, P.E., FDEP  
Bob Butera, P.E., FDEP

# District Routing Slip

To: Bill Katash  
Bob Butera

Date: 2/18/97

C.C. To:

<input type="checkbox"/>	<b>Pensacola</b>	<b>Northwest District</b>	
<input type="checkbox"/>	<b>Panama City</b>	Northwest District Branch Office	
<input type="checkbox"/>	<b>Tallahassee</b>	Northwest District Branch Office	
<input type="checkbox"/>	<b>Apalachicola</b>	Northwest District Satellite Office	
<input checked="" type="checkbox"/>	<b>Tampa</b>	<b>Southwest District</b>	
<input type="checkbox"/>	<b>Punta Gorda</b>	Southwest District Branch Office	
<input type="checkbox"/>	<b>Bartow</b>	Southwest District Satellite Office	
<input type="checkbox"/>	<b>Orlando</b>	<b>Central District</b>	
<input type="checkbox"/>	<b>Melbourne</b>	Central District Satellite Office	
<input type="checkbox"/>	<b>Jacksonville</b>	<b>Northeast District</b>	
<input type="checkbox"/>	<b>Gainesville</b>	Northeast District Branch Office	
<input type="checkbox"/>	<b>Fort Myers</b>	<b>South District</b>	
<input type="checkbox"/>	<b>Marathon</b>	South District Branch Office	
<input type="checkbox"/>	<b>West Palm Beach</b>	<b>Southeast District</b>	
<input type="checkbox"/>	<b>Port St. Lucie</b>	Southeast District Branch Office	

Reply Optional ☐

Reply Required ☐

Info Only ☐

Date Due \_\_\_\_\_

Date Due: \_\_\_\_\_

Comments:

FYI

BY

Department of Environmental Protection  
SOUTHWEST DISTRICT

RECEIVED  
FEB 20 1997

From:

MJ Yan

Tel.:

# Sumter County Government



Board of Sumter County Commissioners

209 North Florida Street, Bushnell, Florida, 33513 Room 206 Telephone (352)793-0200 Suncom 665-0200 FAX (352)793-0207

February 11, 1997

Mrs. Virginia Wetherell, Secretary  
Florida Department of Environmental Protection  
3900 Commonwealth Blvd  
Tallahassee, Florida 32399-3000

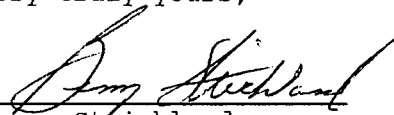
Dear Secretary Wetherell:

I would like to take this opportunity to express our sincere appreciation to you for the assistance you and your staff provided to Sumter County on solid waste composting during our meeting on February 4, 1997.

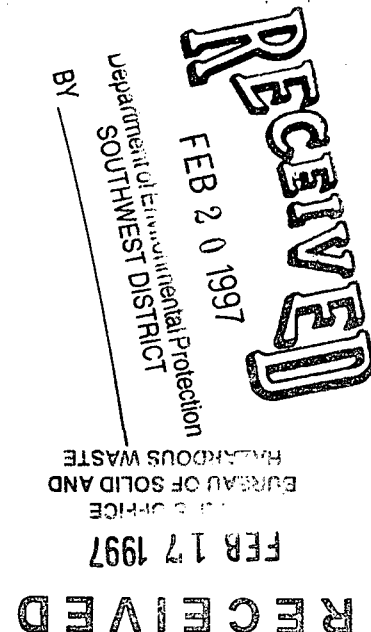
We came from the meeting with a lot of good, solid ideas and a feeling of accomplishment and direction.

Thank you for your help.

Very truly yours,

  
Benny Strickland  
Vice-Chairman

cc: John Ruddell  
Bill Hinkley



Karen S. Krauss, Chairman  
Distr. 4, (352)793-7704  
309 Center Street  
Bushnell, FL 33513

Joey A. Chandler, Distr. 2  
(352)793-9656  
143 CR 532 C  
Bushnell, FL 33513

Robin Cox  
Distr. 5, (352)793-6910  
P.O. Box 1482  
Webster, FL 33597-1482

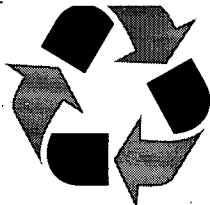
Randall N. Thornton  
County Attorney  
(352)793-4040, P.O. Box 58  
Lake Panasoffkee, FL 33538

Benny G. Strickland, Vice Chairman  
Distr. 1, (352) 748-3110 or 748-2060  
5259 CR 125-C  
Wildwood, FL 34785

Billy "Tiny" Rutter, Distr. 3  
(352) 748-4220  
P. O. Box 37  
Coleman, Florida 33521-0037

Gloria R. Hayward, Clerk & Auditor  
(352)793-0215  
209 North Florida Street  
Bushnell, FL 33513

Bernard Daw, County Administrator  
(352)793-0200  
209 North Florida Street  
Bushnell, FL 33513



RECEIVED

FEB 04 1997

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY

Compost Permit RB  
P. O. Box 1066  
Bushnell, FL 33513  
(352) 793-3368  
(352) 793-0166 Fax

AA  
AA  
SO60-211179

## Sumter County Solid Waste

824  
Dear Ms. Pelz:

January 30, 1997

This letter is in reference to the residue ash generated from the air curtain incinerator (FDEP Permit # AC60-258579) for the city of Wildwood. The permit was issued by James L. McDonald, Air Permitting Engineer, with Tampa District FDEP on December 8, 1994.

Gene Kornegay, the Public Works Director for the City of Wildwood, has contacted me about the possible disposal of the residue ash at the Sumter County Solid Waste Facility.

The purpose of this correspondence is to seek your guidance and or approval for accepting the residue ash at this facility for incorporation into our composting system.

I am sending a copy of the City of Wildwood's permit along for you review. I look forward to getting your response and comments on this matter as soon as possible.

If you have any questions, feel free to call me at 352-793-3368 or Gene Kornegay at 352-748-4239.

Sincerely,

Facility Manager

Terry Hurst, Facility Manager

Permit C. 12  
Sunter Co closed LF

FDEP

3804 Coconut Palm Drive, Tampa, FL 33619-8318

FAX

Date:

12/13/96

Number of pages including cover sheet:

1

To:

Garry Breeden  
Sunter Co Public Works

Phone:

Fax phone: 352/793-0247

CC:

From:

Allison Amman  
Solid Waste Section

Phone:

(813) 744-6100 x 336

Fax phone:

(813) 744-6125

REMARKS:

☐

Urgent

☐

For your review

☐

Reply ASAP

☐

Please comment

Garry - I have not received the ground water monitoring reports for the Sunter Co landfill that were due October 15, 1996. Please send these results to my attention as soon as possible. If there are any problems, please contact me at 813/744-6100, ext 336.  
Thanks.

Allison Amman

## \*\* Transmit Conf. Report \*\*

Dec 13 '96 11:43

FDEP/SLERP ---> 813527930247	
No.	0005
Mode	NORMAL
Time	0'32"
Pages	1 Page(s)
Result	O K



permit file

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

Date 12/10/96  
Time 3:20

Subject Sumter Co landfill - gw reporting

Permit No. \_\_\_\_\_

County Sumter

M Garry Breardon

Telephone No. 352/793-3368 0240

Representing Sumter Co Public Works

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

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

Summary of Conversation/Meeting

Called to find out the status of the groundwater  
sampling results that were due 10/15/96

12/13 - I called Garry again - he out. I will  
fax 352/793-0240 Send a fax

(continue on another  
sheet, if necessary)

Signature Allison Arman

Title PGI



permit file

# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

September 26, 1996

Mr. Garry Breedon  
Director of Public Works  
222 E. McCollum Avenue  
Bushnell, Florida 33513

Subject: Groundwater Monitoring at the Sumter County Solid Waste  
Management Facility, Permit No. SF60-146475, Sumter County

Dear Mr. Breedon:

The Solid Waste Section of the Florida Department of Environmental Protection (FDEP) has reviewed the quarterly groundwater reports for this facility for the period of July 1, 1996 to September 30, 1996. These results show elevated turbidity levels in wells MW-4 and MW-6 which may be affecting the metals and radionuclide analyses. Please evaluate methods of reducing sample turbidity, such as improved purging and sampling techniques or well development, prior to your next sampling event.

In addition, the dioxin (2,3,7,8-TCDD) testing should be conducted next sampling event using EPA Test Method 625.

If you have any questions, please contact me at 813/744-6100, ext. 336.

Sincerely,

Allison Amram, P.G.  
Solid Waste Section

cc: Judi Kelch, Central Testing Laboratory, 727 S 14th Street, Leesburg, FL 34748