



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Community Assistance
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37243-0455

July 20, 2001

Mr. Darrell Kingsmill
Chairman, Houston County Municipal Solid Waste Planning Region 42
Court Square Center
Erin, Tennessee 37061

RE: Five-year Update to Ten-year Solid Waste Plan
Houston County Solid Waste Region
Region Member: Houston
Update Due — October 8, 2001

Dear Mr. Kingsmill:

As you are aware, the Solid Waste Management Act of 1991 requires the Solid Waste Regions to plan, monitor, and report on solid waste activities. One of the requirements of this legislation was for each region to prepare a Ten-year Solid Waste Management Plan. The legislation also requires that Five-year updates to those plans be prepared and submitted to the state for review. The Houston County Region's Ten-year plan was approved on October 8, 1996; therefore, your Five-year Update is due to this office by **October 8, 2001**. Please note that the Update is expected to consider the next Ten-year planning horizon, and will become your current Ten-year Plan upon approval by this office.

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment was due by September 30, 1992; with revisions due by April 1, 1999 and every five years after that. The Solid Waste Needs Assessment for the counties and municipalities within your region was received on March 31, 1999. Please contact Mr. Phil Armor with the Greater Nashville Regional Council to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

The Five-year update to your Ten-year Solid Waste Management Plan is an important tool for your Region. If you have any questions, please do not hesitate to contact me at 615-532-0744.

Sincerely,

Becky Gorham
Planning, Reporting and Waste Reduction

C: The Honorable Jim Smith, Houston County Executive
Mr. Phil Armor, Greater Nashville Regional Council
Houston County Solid Waste Director
Mr. Mike Stooksberry, Solid Waste Management Consultant
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center



RLG 7/30
JND 7/30
AMM 7/30

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Community Assistance
401 Church Street, 8th Floor L & C Tower
Nashville, Tennessee 37243-1533

MEMORANDUM

DATE: July 28, 2003
TO: Commissioner Child
FROM: Ron Graham *RG*
RE: Houston County Waste Tire Option Grant Payment

*7/30 - Comm. Child by note to PBL
appears request to give
bonds to Houston Co. in the
amount of \$, 854,10 -
PBL - prepare letter &
necessary documents -
- PBL to call
Mayor.*

I spoke today with Houston County Mayor George Clark regarding a July 25, 2003 letter (attached) informing him that the fiscal year 2002/2003 Waste Tire Option Grant (beginning July 1, 2002) was not executed. I received a message later today that Mayor Clark had received the letter with the returned tire manifests and invoice.

While I was on vacation, Jim Poff and Joyce Dunlap presented this grant to you on June 17, 2003 for your consideration. According to Jim and Joyce, you decided not to sign this grant because of the length of time required for Houston County to regain compliance and your March 31, 2003 memorandum concerning processing state contract's and grants. Significant compliance dates:

- Five year update to ten year solid waste regional plan - Due 10/8/01; Approved 4/30/03
- 2002 Annual Progress Report - Due 3/31/01; Approved 6/12/03
- 2001 Annual Progress Report - Due 3/31/02; Approved 2/7/03

Mayor Clark stated that since he has returned to office, he has worked hard to both ensure that the required reports are approved and apply for eligible funds for Houston County. He would like the department's assistance to provide the funds requested. Mayor Clark would like to speak with you personally regarding this request. Mayor Clark's telephone number is (931) 289-3633.

Please let me know if I can provide any other information or assistance.

*1
informed that
grant will
be paid.
Per the contract
& get documents
back -
Grant to be
expedited*

*Phil...
Shed for CPC
to my cabinet
payment of grant
in the amount of \$854,100
J*

**FIVE YEAR UPDATE
MUNICIPAL SOLID WASTE
REGIONAL PLAN**

**HOUSTON COUNTY, TENNESSEE
SOLID WASTE PLANNING REGION**

**GEORGE E. CLARK
HOUSTON COUNTY EXECUTIVE**

Submitted:

NOVEMBER, 2002

PREPARED BY:

**HIGHERS KOONCE & ASSOCIATES, INC.
CIVIL AND ENVIRONMENTAL ENGINEERING
3343 PERIMETER HILL DRIVE
SUITE 212
NASHVILLE, TENNESSEE 37211
(615) 333-7200
(615) 333-0529**

WWW:HIGHERSKOONCE.COM

RECEIVED

APR 29 2003

COMMUNITY ASSISTANCE
TENNESSEE DEPARTMENT
OF ENVIRONMENT &
CONSERVATION

Revision 2: April 2003

CHAPTER 1

SUMMARY

A Ten Year Solid Waste Regional Plan for the Houston County Solid Waste Planning Region was prepared in 1994 and approved by the state in 1996. This planning document outlined the goals and objectives for the Region for a ten year period from 1994 to 2004. The Five Year update to the Ten Year Plan, scheduled for submittal in 2001, addresses the progress made toward meeting these goals and objectives and the plans for following through over the remainder of that period. It's submittal has been delayed due to an ongoing investigation of options available to the county after Erin and Tennessee Ridge did not renew inter-local agreements for sharing cost in solid waste disposal. Revenue generation mechanisms for supporting the projected budgets are currently under discussion by the county finance committee and will be addressed by the county commissioners as soon as a recommendation is made by that group. Table 1-1 is a proposed implementation schedule of facilities and programs for the ten year planning horizon. This schedule is based on funding from the projected budgets for that time span included in Appendix B.

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OF
FIVE YEAR UPDATE SOLID WASTE REGIONAL PLAN

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APPENDICES

APPENDIX	A.	Census Documentation
APPENDIX	B.	Projected Budgets
APPENDIX	C.	Public Participation Activities
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TABLE 1-1
Implementation Schedule
Houston County, Tennessee

TASK	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012
<u>Waste Reduction:</u>											
<u>Educational Programs</u>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<u>Collection:</u>											
County Convenience Center Operations	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
New Convenience Center				✓							
Compactor Unit Purchase		✓									
Collection Box Upgrades		✓		✓			✓				
Recycling											
Contracted Hauler (Tires)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Baler Unit Purchase				✓				✓			
Landfill											
Ongoing Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Public Education: Administration & Printing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Problem Waste: Household Waste Disposal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Disposal Capacity: County Waste Transport Operations	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Truck Purchase		✓								✓	

Chapter 2 General Information about the Region

The Houston County Solid Waste Region is a one county region consisting of Houston County in north central Tennessee. The county covers 200 square miles. The City of Erin is the county seat. State Highway 149, running east/west and State Highway 13, which runs north/south, bisect the county. Houston County has a County Executive-County Commissioner type of government. According to the 2000 census, Houston County has a total population of 8,088.

Figure 1-2 shows the regional solid waste systems in relation to the county boundary, major highways and major geographical features of the area.

The Region has a solid waste committee consisting of eight members. Two positions represent the municipalities within the region, one from each from Erin and Tennessee Ridge. Five positions are at large representatives, two of which are farmers within the region. The final position is the County Executive. The governing body of each municipality selects the municipal representatives and the County Executive appoints the remaining positions. Each committee member serves a term of six years and is appointed on a staggered basis to provide continuity in the committee's ongoing functions. The following is table is the current makeup of the solid waste planning committee.

Regional Solid Waste Planning Committee

Name	Representing	Term Start Date	Representing
Mr. George E. Clark	County Executive	August 2002	August 2008
Mr. Jim Vanfleet	Houston County	August 2002	August 2008
Mr. Phil Averitt	Houston County	August 1998	August 2004
Mr. Chris Selph	Houston County	August 1998	August 2004
Mr. Donnie Lewis	Houston County	August 2000	August 2006
Mr. Darrell Kingsmill*	Houston County	August 1998	August 2004
Mr. Rhyne T. Largent	City of Erin	August 2000	August 2006
Mr. Lee Dunavant	Tennessee Ridge	August 2000	August 2006
Mr. Charles Arnold, Jr.	Houston County	August 2002	August 2008

* Committee Chairperson

*2008-3 ✓
2006-3
2008-3*

SOURCE REDUCTIONS

0 Tons/Year
0%

DIVERSION

565 Tons/Year
12.2%

UNMANAGED

0 Tons/Year
0%

WASTE GENERATION

4645 Tons/Year
100%

BALED AND LANDFILLED

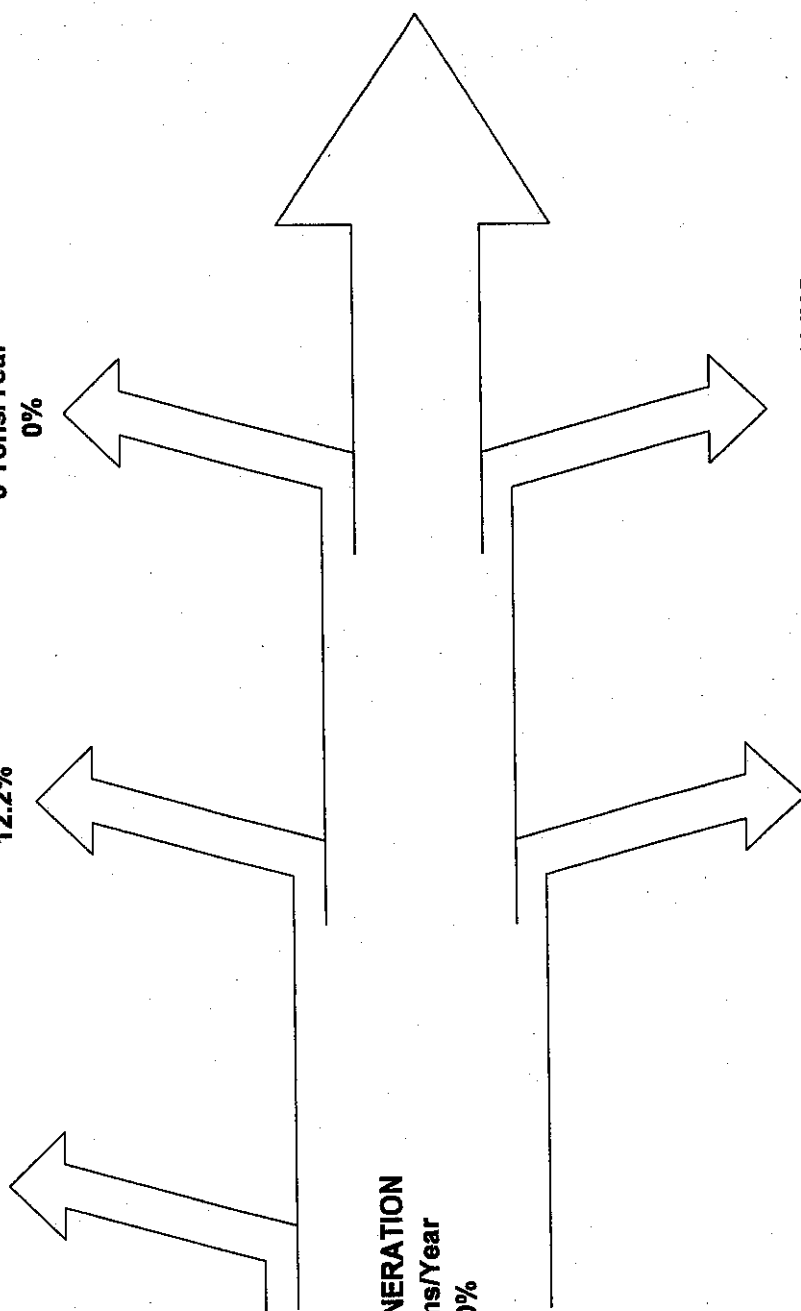
2827 Tons/Year
60.8%

**CONVENIENCE CENTER
RECYCLING**

1212 Tons/Year
26.1%

BRAKE RECYCLING

41 Tons/Year
0.9%



2000 Calendar Year

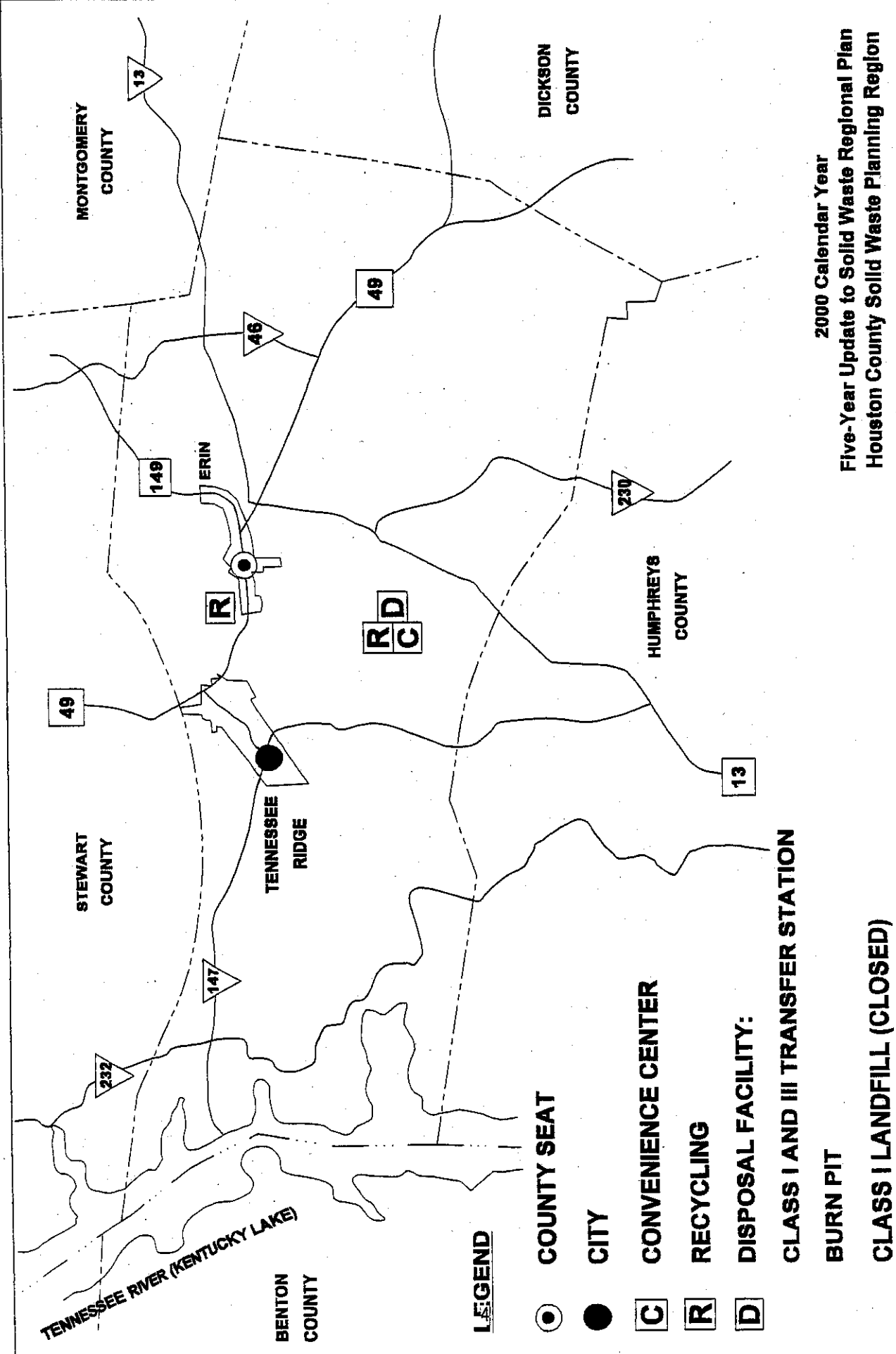
Five-Year Update to Solid Waste Regional Plan
Houston County Solid Waste Planning Region



HIGIERS, KOONCE & ASSOCIATES, INC.
Civil and Environmental Engineering
3341 Parkmead Rd. Drive, Suite 202
Nashville, Tennessee 37201 (615) 333-7200

FIGURE 1-1

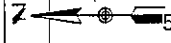
HOUSTON COUNTY WASTE FLOW DIAGRAM
HOUSTON COUNTY SOLID WASTE PLANNING REGION



2000 Calendar Year
Five-Year Update to Solid Waste Regional Plan
Houston County Solid Waste Planning Region

LEGEND

- COUNTY SEAT
- CITY
- CONVENIENCE CENTER
- RECYCLING
- DISPOSAL FACILITY:
- CLASS I AND III TRANSFER STATION**
- BURN PIT**
- CLASS I LANDFILL (CLOSED)**



SCALE: NONE

FIGURE 1-2
REGIONAL SYSTEMS MAP



HICKS, KOONCE & ASSOCIATES, INC.
 Civil/land Environmental Engineering
 3143 Parkcenter III Drive, Suite 202
 Nashville, Tennessee 37201 (615) 333-7200

Contacts for information concerning the Houston County Solid waste Planning Region are as follows:

Mr. George E. Clark County Executive P.O. Box 366 Erin, TN 37061 Phone: 931-289-3633 Fax: 931-289-2799	Mr. Darrell Kingsmill SWC Chairperson P.O. Box 366 Erin, TN 37061 Phone: 931-289-3633 Fax: 931-289-2799	Mr. Gary Copperage SW Director P.O. Box 366 Erin, TN 37061 Phone: 931-289-3633 Fax: 931-289-2799
--	---	--

The Solid Waste Committee is responsible for all planning and coordinating of the solid waste region and all proposals contained within the ten year plan. The general public is kept advised of the Committee's progress through the local media and by invitation to attend the regularly scheduled meetings. The Committee reviews all proposals and makes recommendations to the County Commission for final action. The County Executive's office is then responsible for implementing recommendations approved by the county commission.

The Houston County Planning Region has reviewed the possibility of joining the larger SMR (Stewart/Montgomery/Robertson) Planning region. The Houston County region has decided to remain autonomous due to the unique rural nature of their region and the firm establishment of a successful program for handling solid waste within the region over the last 5 years.

No Part 9 Authority has been ever been established for this planning region and there are no plans for establishing one at this time.

No house to house garbage collection is available within Houston County. However, private waste collection services are available to commercial and residential customers if they wish to pay for the service. The private waste collection services within the region are allowed to deposit waste at the county's convenience center for transfer to the region's solid waste disposal site at no charge.

The Houston County Solid Waste Region has a population of 8,088 and a population density of 40.44 persons per square mile as determined by 2000 census. According to the 2000 census 35 percent of the regions total population is contained within its municipalities. A further breakdown of the demographics within the Houston County Planning Region is contained in Appendix A.

Over the last ten years the population of the region has remained fairly stable, increasing by only 15 percent. While the population has increased for the region the solid waste generated has decreased indicating that educational programs over the past five years have been effective in reducing the amount of waste generated within Houston County.

Funding for the Houston County Solid Waste Programs have been obtained through property tax assessment and contributions from the municipalities within the County through inter-local agreements. The inter-local agreements expired in July of 2002 and are not being renewed. Therefore the County Commissioners are investigating the possibilities for making up the lost revenues through a revision in the property tax structure, the implementation of a user fee or a reduction in services. At present there has been no decision as to what course of action will be taken by the County Commission. The County has decided to pursue continued operation of the region's convenience center by purchasing equipment to receive and transport the waste received there to the Bi-County Landfill in Montgomery County. The Convenience center will operate on a 7 day per week schedule and be administered by the County Executive's Office with no reduction in services.

Budget projections for the Houston County Solid waste Planning Region are included in Appendix B of this report. These Budgets have been prepared by the County Executive's office and approved by the Solid Waste Committee. The County's Finance Committee is investigating ways to generate the required revenue stream to support these budgets. The Committee's final recommendation will be presented to the County Commissioners for action prior to the end of the 2002-3 budget year. The contact for information concerning these budget projections is as follows:

**Mr. George E. Clark
County Executive
P. O. Box 366
Erin, TN 37061
Phone: 931-289-3633
Fax: 931-289-2799**

Chapter 3

Waste Stream

The economic base and other area conditions can have significant effects on an areas waste generation. Houston County Solid Waste Planning Region possesses an economic base consisting mainly of farming, manufacturing, tourism and retail services. This diversified economy should sustain a relatively stable waste stream.

While these factors may affect the composition of waste stream as compared to national norms, the stream is not expected to deviate significantly in composition.

The Waste Stream Characterization for the Calendar Year 2000 is summarized in this chapter as follows.

Table 3-1
Quantity of Solid Waste Received for Disposal/Incineration
In Calendar 2000

Tons Disposed (Tons/Year)	Population (2000)	Waste Disposed Per Capita	
		Tons/capita/year	Pounds/capita/year
2,827	8,088	0.35	699

Table 3-2
Origin of Regional Solid Waste in 2000
(Tons per Year)

Residential	Institutional/Commercial	Non-Hazardous Industries	Special	Other
2,242	425	160	0	0

Table 3-3
Description of Waste Stream by Materials

Waste Category	Tons	Percentages
Paper & Paperboards	1131	40.0
Glass	198	7.0
Ferrous Metals	184	6.5
Aluminum	40	1.4
Other Non-Ferrous Metals	17	0.6
Plastics	226	8.0
Rubber & Leather	71	2.5
Textiles	59	2.1
Wood	102	3.6
Food Waste	209	7.4
Yard Waste	498	17.6
Misc. Inorganic Waste	42	1.5
Other	50	1.8
Total Municipal Solid Waste	2827	100.0

Houston County Solid Waste Planning Region
Five Year Update Solid Waste Plan
November, 2002

Table 3-4
Generated Waste Stream
(Tons Per Year)

CATEGORY	TONS	PERCENT
Waste to Landfill	2827	60.8
Source Reduction	0	0
Recycling	1253	27.0
Diversion	565	12.2
Unmanaged Waste	0	0
Total	4645	100.0

The region contains no active landfills. The County's solid waste is currently being hauled by contract to Bi-County Landfill in Montgomery County. Houston County is in the process of purchasing equipment to receive and transport waste received so that the contract for waste transport can be discontinued.

The region's source reduction and recycling systems generally consist of community and organizational recycling drives. Documentation verifying source reduction quantities from the region's businesses are not available at this time, however, an effort is being made to obtain this information in the future so that these quantities can be claimed.

Solid waste is included as a small part of the science curriculum in schools and the Extension Service teaches some recycling and holds recycling contests. Houston County will take a more active role in recycling and they have appointed a committee to study how solid waste education may best be approached.

Houston County removes cardboard and mixed metals from the waste stream for recycling. They are containerized and removed by a private company. Additionally, tires and brake liners are received by commercial outlets in Erin and processed for recycling. Plastics are being considered for segregation from the waste stream for recycling. When a source of sale is available that will cover the cost of recovering this waste stream recycling will be implemented.

Houston County owns and operates an air curtain incinerator that burns scrap wood and brush. The Solid waste Committee is continuing to investigate additional ways to divert Class III and IV waste from the total waste stream.

Unmanaged waste is reported as 0 percent of the overall waste stream due to a lack of reliable data on this category. Practices of disposing yard waste and burning household waste onsite are common within this rural region. However, quantifying unregulated waste is difficult. The region has been successful in stopping road side dumping through monitoring these activities with the county road department and the county sheriff's department. Continued efforts for documenting and controlling this part of the waste stream are being addressed through these departments and the implementation of public education programs.

Houston County continues to be a low to moderate income region with relatively high unemployment. Attempts are being made to attract industry to the Stewart/ Houston County Industrial Park with moderate success. There have been no major changes in the demographic makeup of the region and therefore it is not anticipated that the waste stream for the region will change significantly in the near future. Major employers in the region are as follows:

Southern Gage Company, Houston-Stewart Industrial Park
Magnum Manufacturing, Houston-Stewart Industrial Park
Tennessee Wire, Inc., Houston-Stewart Industrial Park
Nagle Industries, Houston-Stewart Industrial Park

The Top Five Contributors to the Region's waste Stream Are as follows:

Dollar Store, Erin, Tennessee

Fred's Foods, Erin, Tennessee

Magnum Manufacturing, Houston-Stewart Industrial Park

Tennessee Wire, Inc., Houston-Stewart Industrial Park

Houston County has received grants for educating elementary age children in the reduction of waste. This grant was administered through the County Executive's office.

From the base year to the 2000 calendar year the region has had a 23.5 percent reduction in its solid waste stream. The use of the economic growth adjustment formula and the new base year would be beneficial in helping the Region to meet the 25 percent reduction goal by 2003.

Houston County's main program for collecting and controlling waste in the Region is the Central Convenience Center. The development and enhancement of this center is of primary importance to the region. The county is concerned that a cut in revenues due to the loss of contributions from the municipalities will affect the operation of the center and are therefore undertaking steps to increase funding and cut costs of operation at the center. The committee is investigating ways to segregate Class III and IV waste at the center to reduce overall disposal costs.

Funds from recycled materials are utilized to make improvements at the center and increase recycling efforts at the convenience center.

Yard waste and burnable construction materials are disposed of onsite in the incinerator.

Automotive waste is currently being recycled through local retail outlets with plans for expansion to include automotive fluids.

Chapter 4

Collection and Transportation

The Houston County Region is served by two private collection services that transport waste to a single county operated convenience center. The county contracts with a commercial hauler to transport waste from this center to an approved landfill. Residents and Businesses within the region have the option of transporting waste to the convenience center or contracting with one of the private collection services to pick up and transport their waste. The county is in the process of taking over the transportation and disposal of waste received at the convenience center to reduce costs of operation. The receiving facility will be the Bi- County Landfill in Montgomery County.

The Private collection services currently operating in Houston County are as follows:

Clarks Disposal Company 931-289-5412

Tennessee Disposal Company 931-721-3486

Operation Hours of the Convenience Center are Monday to Sunday 8:00 AM to 6:00 PM. The convenience center is extremely popular with the residents of Houston County and the private collection services that bring waste there from inside the region. The committee is intent on maintaining the level of services that are provided there and possibly expanding to a second location when funding allows it.

Chapter 5

Recycling

The coordinator for the Houston County region is the County Executive. His office oversees the recycling of cardboard, mixed metals and automotive wastes for the region. The recycling efforts for these materials are handled privately with proceeds from the sale of certain materials going to help fund the operation of the solid waste programs of the region.

The region would like to make use of State Grant funds for the purchase of additional equipment to handle the recycling efforts at the Convenience Center which have been very successful to date. More effort is planned in the area of public education to heighten awareness that recycling can assist in reducing cost and helping the environment.

The region plans to continue to search out available markets for recycled materials and, where economically feasible, plans to expand programs to include these materials.

The availability of recycling of automotive waste is limited to the commercial hours of business for the participating businesses. Other recyclable materials must be transported to the convenience center during normal hours of operation.

Chapter 6 Disposal

Currently all Class I waste is exported from the Houston County convenience center to the Bi-County Landfill in Montgomery County. Information on these facilities is as follows: >

Facility Name: Houston County Transfer
Owner: Houston County
Contact: Gary Copperage
Phone Number: 931-289-4595
Location: 1136 Fire Tower Road
..... Erin, TN 37061
Address: Houston County Courthouse
..... P. O. Box 366
..... Erin, TN 37061
Jurisdictions Served:..... Houston County
Permit Number: SWP420001079

Facility Name: Bi-County
Owner: Montgomery County
Contact: Pete Reed
Phone Number: 931-648-5751
Location: 3212 Dover Road
..... Woodlawn, TN 37191
Address: P.O. Box 1112
..... Clarksville, TN 37041
Landfill Classification:I and IV
Jurisdictions Served:..... Montgomery County
..... Stewart County
..... Robertson County
..... Houston County
Permit Number: Class I (SNL63-102-0108MOD)
..... Class IV (DML 63-0103)

Currently, a private hauler under contract to Houston County is transporting waste.

No waste is imported into the region. The County is in the process of obtaining the equipment to take over this function and obtain a long-term contract for waste disposal at the Bi- County Facility. The Bi-County Landfill has sufficient capacity to receive all of Houston County's Solid Waste at a reasonable rate for the next ten years. Class III and IV waste is to be segregated at the convenience center and if required, transported separately to the landfill to obtain a more cost efficient disposal rate.

Chapter 7

Problem Wastes

Houston County has not participated in the State's Household Mobile Hazardous Waste Collection Service but is planning to arrange for a collection day in the upcoming year. There is no permanent household collection center located within the region. However, the County has sponsored collections in the past with some success. The committee will be investigating the periodic collection of hazardous household waste in conjunction with the State and the Bi-County Landfill.

Tires are collected and stored in a trailer at the Convenience Center. The County has an agreement with Mac Tire Recycling to lease the trailer and make monthly pickups at a cost of \$50 per month plus the disposal fee per tire. The tires are then transported to Saltillo, MS where they are chipped and burned for fuel by TVA.

This program has drastically reduced the level of tire dumping and seems to be cost effective for the amount of material taken in. If a more cost-effective means of disposal becomes available the committee will take it under consideration.

Brake's Recycling in Erin, TN has a buy back program to recycle used brake liners and some miscellaneous automotive plastics and metals. They also receive batteries for recycling. Although this service currently meets the needs of the region it is fairly limited and the committee is researching ways of expanding it to other locations and items for recycling.

Combustible used automotive fluids, such as motor oil, are collected in drums at the convenience center then transferred to the County Highway Maintenance Shop on a regular basis for burning in an approved incinerator to generate supplemental heat.

Chapter 8

Solid Waste Education

The County Executive's office coordinates all solid waste education activities. In the past the county has had some success utilizing state education grants for school age participants particularly elementary level. The county would like to do more public participation projects that would enhance awareness in the general population. The local paper has had much written about the revenue concerns surrounding solid waste management. The Committee would like to build on the high level of public interest at the present to show how individual efforts can reduce overall costs and save the whole community tax dollars. The committee would like to involve more civic organizations in the general effort to educate the public.

Chapter 9

Flow Control and Permit Review

Waste is only accepted at the convenience center from within the region. Vehicles with tags other than Houston County are not allowed to dump at the convenience center.

The Committee would like to investigate the possibility of permitting a Class III or IV at the Convenience Center to dispose of construction debris without the need of hauling it to Bi-County Landfill. It is not certain at this point that the waste stream for this material would offset the cost of building and maintaining the facility.

Chapter 10

Five Year Update and Review

A public hearing was held at 6:00 PM on January 13, 2003 in the Houston County Courthouse to obtain input from citizens regarding this plan (Appendix C contains a copy of the minutes of the public hearing). The meeting was well advertised in advance of the meeting. The public notice for the hearing and a front page article outlining the plan appeared in the January 7, 2002 issue of the Houston- Stewart Times. Copies of these documents are enclosed in Appendix C to this plan.

Municipalities within the region were sent copies of the draft plan and invited to the public hearing for input. Copies of the letters transmitting the draft plan to the municipalities are also included in Appendix C.

A copy of the Region's formation resolution and the resolution adopting the Five Year Update Plan are included in Appendix D to this plan.

(FIVE-YEAR UPDATE REPORT SIGNATURE PAGE)

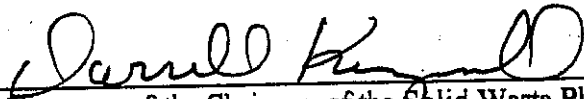
HOUSTON COUNTY PLANNING REGION

REGION NAME

To the best of my knowledge, the foregoing information is accurate as of the date of submission of this report:

Darrell Kingsmill

Typed Name of the Chairman of the Solid Waste Planning Region



Signature of the Chairman of the Solid Waste Planning Region

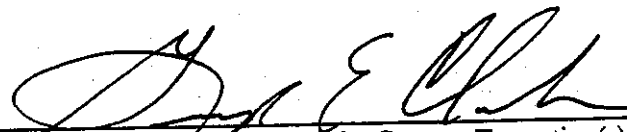
9-13-03

Date

To the best of my knowledge, the foregoing information is accurate as of the date of submission of this report:

George E. Clark

Typed Name of the County Executive(s)



Signature of the County Executive(s)

01-13-03

Date

Appendix A

Census Documents

Table DF-1. Profile of General Demographic Characteristics: 2000
Geographic Area: Houston County, Tennessee

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population.....	8,088	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population.....	8,088	100.0
Male.....	3,999	49.4	Hispanic or Latino (of any race).....	101	1.2
Female.....	4,089	50.6	Mexican.....	88	0.8
Under 5 years.....	541	6.7	Puerto Rican.....	6	0.1
5 to 9 years.....	554	6.8	Cuban.....	9	0.1
10 to 14 years.....	584	7.0	Other Hispanic or Latino.....	18	0.2
15 to 19 years.....	475	5.9	Not Hispanic or Latino.....	7,987	98.8
20 to 24 years.....	428	5.3	White alone.....	7,611	94.1
25 to 34 years.....	1,004	12.4	RELATIONSHIP		
35 to 44 years.....	1,103	13.6	Total population.....	8,088	100.0
45 to 54 years.....	1,113	13.8	In households.....	7,898	97.7
55 to 64 years.....	494	6.1	Householder.....	3,216	39.8
65 to 74 years.....	462	5.7	Spouse.....	1,833	22.7
75 to 84 years.....	453	5.6	Child.....	2,260	27.9
85 years and over.....	170	2.1	Own child under 18 years.....	1,773	21.9
Median age (years).....	39.5	(X)	Other relatives.....	324	4.0
18 years and over.....	6,118	75.6	Under 18 years.....	150	1.9
Male.....	2,880	35.8	Nonrelatives.....	265	3.3
Female.....	3,138	38.8	Unmarried partner.....	139	1.7
21 years and over.....	5,881	72.7	In group quarters.....	190	2.3
62 years and over.....	1,637	20.2	Institutionalized population.....	177	2.2
65 years and over.....	1,350	16.7	Noninstitutionalized population.....	13	0.2
Male.....	585	7.2	HOUSEHOLD BY TYPE		
Female.....	765	9.5	Total households.....	3,216	100.0
RACE			Family households (families).....	2,300	71.5
One race.....	8,011	99.0	With own children under 18 years.....	999	31.1
White.....	7,650	94.6	Married-couple family.....	1,833	57.0
Black or African American.....	288	3.3	With own children under 18 years.....	746	23.2
American Indian and Alaska Native.....	15	0.2	Female householder, no husband present.....	333	10.4
Asian.....	10	0.1	With own children under 18 years.....	194	6.0
Asian Indian.....	4		Nonfamily households.....	916	28.5
Chinese.....	1		Householder living alone.....	815	25.3
Filipino.....	1		Householder 65 years and over.....	388	12.1
Japanese.....	4		Households with individuals under 18 years.....	1,109	34.5
Korean.....	1		Households with individuals 65 years and over ..	828	28.9
Vietnamese.....	1		Average household size.....	2.46	(X)
Other Asian ¹	-		Average family size.....	2.92	(X)
Native Hawaiian and Other Pacific Islander.....	5	0.1	HOUSING OCCUPANCY		
Native Hawaiian.....	4		Total housing units.....	3,901	100.0
Guamanian or Chamorro.....	-		Occupied housing units.....	3,216	82.4
Samoan.....	-		Vacant housing units.....	685	17.6
Other Pacific Islander ²	1		For seasonal, recreational, or occasional use.....	385	9.9
Some other race.....	63	0.8	Homeowner vacancy rate (percent).....	2.3	(X)
Two or more races.....	77	1.0	Rental vacancy rate (percent).....	11.8	(X)
Race alone or in combination with one or more other races:³			HOUSING TENURE		
White.....	7,725	95.5	Occupied housing units.....	3,216	100.0
Black or African American.....	294	3.6	Owner-occupied housing units.....	2,476	77.0
American Indian and Alaska Native.....	53	0.7	Renter-occupied housing units.....	740	23.0
Asian.....	17	0.2	Average household size of owner-occupied units.....	2.49	(X)
Native Hawaiian and Other Pacific Islander.....	11	0.1	Average household size of renter-occupied units.....	2.33	(X)
Some other race.....	67	0.8			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Erin city, Tennessee

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	1,480	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	1,490	100.0
Male.....	870	45.0	Hispanic or Latino (of any race).....	14	0.9
Female.....	820	55.0	Mexican.....	9	0.6
Under 5 years.....	96	6.4	Puerto Rican.....	-	-
5 to 9 years.....	85	5.7	Cuban.....	-	-
10 to 14 years.....	108	7.1	Other Hispanic or Latino.....	5	0.3
15 to 19 years.....	76	5.1	Not Hispanic or Latino.....	1,476	99.1
20 to 24 years.....	83	5.6	White alone.....	1,284	86.2
25 to 34 years.....	164	11.0	RELATIONSHIP		
35 to 44 years.....	170	11.4	Total population	1,480	100.0
45 to 54 years.....	180	12.8	In households.....	1,313	88.1
55 to 59 years.....	88	4.8	Householder.....	588	39.5
60 to 64 years.....	74	5.0	Spouse.....	236	15.8
65 to 74 years.....	125	8.4	Child.....	382	25.6
75 to 84 years.....	147	9.9	Own child under 18 years.....	296	19.9
85 years and over.....	108	7.1	Other relatives.....	65	4.4
Median age (years).....	43.2	(X)	Under 18 years.....	29	1.9
18 years and over.....	1,157	77.7	Nonrelatives.....	42	2.8
Male.....	494	33.2	Unmarried partner.....	22	1.5
Female.....	669	44.5	In group quarters.....	177	11.9
21 years and over.....	1,110	74.5	Institutionalized population.....	177	11.9
62 years and over.....	425	28.5	Noninstitutionalized population.....	-	-
65 years and over.....	378	25.4	HOUSEHOLD BY TYPE		
Male.....	126	8.5	Total households	588	100.0
Female.....	252	16.9	Family households (families).....	356	60.5
RACE			With own children under 18 years.....	167	28.4
One race.....	1,456	97.7	Married-couple family.....	236	40.1
White.....	1,287	86.4	With own children under 18 years.....	93	15.8
Black or African American.....	155	10.4	Female householder, no husband present.....	98	16.3
American Indian and Alaska Native.....	4	0.3	With own children under 18 years.....	65	11.1
Asian.....	-	-	Nonfamily households.....	232	39.5
Asian Indian.....	-	-	Householder living alone.....	219	37.2
Chinese.....	-	-	Householder 65 years and over.....	129	21.9
Filipino.....	-	-	Households with individuals under 18 years.....	188	32.0
Japanese.....	-	-	Households with individuals 65 years and over.....	197	33.5
Korean.....	-	-	Average household size.....	2.23	(X)
Vietnamese.....	-	-	Average family size.....	2.92	(X)
Other Asian ¹	-	-	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	-	-	Total housing units	653	100.0
Native Hawaiian.....	-	-	Occupied housing units.....	588	90.0
Guamanian or Chamorro.....	-	-	Vacant housing units.....	65	10.0
Samoan.....	-	-	For seasonal, recreational, or occasional use.....	5	0.8
Other Pacific Islander ²	-	-	Homeowner vacancy rate (percent).....	2.6	(X)
Some other race.....	10	0.7	Rental vacancy rate (percent).....	8.2	(X)
Two or more races.....	94	2.3	HOUSING TENURE		
<i>Race alone or in combination with one or more other races:³</i>			Occupied housing units	588	100.0
White.....	1,319	88.5	Owner-occupied housing units.....	343	58.3
Black or African American.....	169	11.3	Renter-occupied housing units.....	245	41.7
American Indian and Alaska Native.....	25	1.7	Average household size of owner-occupied units.....	2.40	(X)
Asian.....	1	0.1	Average household size of renter-occupied units.....	2.00	(X)
Native Hawaiian and Other Pacific Islander.....	-	-			
Some other race.....	11	0.7			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic Area: Tennessee Ridge town, Tennessee

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	1,334	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	1,334	100.0
Male.....	651	48.8	Hispanic or Latino (of any race).....	14	1.0
Female.....	683	51.2	Mexican.....	7	0.5
Under 5 years.....	88	6.6	Puerto Rican.....	-	-
5 to 9 years.....	90	6.7	Cuban.....	2	0.1
10 to 14 years.....	86	6.4	Other Hispanic or Latino.....	5	0.4
15 to 19 years.....	88	6.6	Not Hispanic or Latino.....	1,320	99.0
20 to 24 years.....	60	4.5	White alone.....	1,308	98.1
25 to 34 years.....	183	13.7	RELATIONSHIP		
35 to 44 years.....	163	12.2	Total population	1,334	100.0
45 to 54 years.....	172	12.9	In households.....	1,321	99.0
55 to 59 years.....	84	6.3	Householder.....	533	40.0
60 to 64 years.....	91	6.8	Spouse.....	333	25.0
65 to 74 years.....	185	11.6	Child.....	364	27.3
75 to 84 years.....	80	6.0	Own child under 18 years.....	280	21.0
85 years and over.....	14	1.0	Other relatives.....	52	3.9
Median age (years).....	41.0	(X)	Under 18 years.....	18	1.3
18 years and over.....	1,026	76.9	Nonrelatives.....	99	2.8
Male.....	492	36.9	Unmarried partner.....	20	1.5
Female.....	534	40.0	In group quarters.....	13	1.0
21 years and over.....	992	74.4	Institutionalized population.....	-	-
62 years and over.....	303	22.7	Noninstitutionalized population.....	13	1.0
65 years and over.....	249	18.7	HOUSEHOLD BY TYPE		
Male.....	118	8.8	Total households	533	100.0
Female.....	131	9.8	Family households (families).....	412	77.3
RACE			With own children under 18 years.....	155	28.1
One race.....	1,332	99.9	Married-couple family.....	333	62.5
White.....	1,318	98.8	With own children under 18 years.....	119	22.5
Black or African American.....	3	0.2	Female householder, no husband present.....	55	10.3
American Indian and Alaska Native.....	-	-	With own children under 18 years.....	27	5.1
Asian.....	2	0.1	Nonfamily households.....	121	22.7
Asian Indian.....	-	-	Householder living alone.....	107	20.1
Chinese.....	-	-	Householder 65 years and over.....	51	9.6
Filipino.....	1	0.1	Households with individuals under 18 years.....	171	32.1
Japanese.....	1	0.1	Households with individuals 65 years and over.....	181	34.0
Korean.....	-	-	Average household size.....	2.48	(X)
Vietnamese.....	-	-	Average family size.....	2.82	(X)
Other Asian ¹	-	-	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	4	0.3	Total housing units	573	100.0
Native Hawaiian.....	4	0.3	Occupied housing units.....	533	93.0
Guamanian or Chamorro.....	-	-	Vacant housing units.....	40	7.0
Samoan.....	-	-	For seasonal, recreational, or		
Other Pacific Islander ²	-	-	occasional use.....	8	1.4
Some other race.....	5	0.4	Homeowner vacancy rate (percent).....	2.5	(X)
Two or more races.....	2	0.1	Rental vacancy rate (percent).....	12.8	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races:³			Occupied housing units	533	100.0
White.....	1,320	99.0	Owner-occupied housing units.....	431	80.9
Black or African American.....	4	0.3	Renter-occupied housing units.....	102	19.1
American Indian and Alaska Native.....	1	0.1	Average household size of owner-occupied units.....	2.48	(X)
Asian.....	2	0.1	Average household size of renter-occupied units.....	2.45	(X)
Native Hawaiian and Other Pacific Islander.....	4	0.3			
Some other race.....	5	0.4			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Appendix B

Budget Projections

Ten-Year Budget for Houston County, Tennessee Solid

Waste

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Waste Reduction										
Program	0	500	500	1,000	1,000	1,000	1,500	1,500	1,500	2,000
Capital Costs/Annualized Capital Costs	0	0	0	0	0	0	0	0		
Equipment	0	0	0	0	0	0	0	0	0	0
Operation and Maintenance Costs	0	0	0	0	0	0	0	0	0	0
Salary	0	0	0	0	0	0	0	0	0	0
Contractor	0	0	0	0	0	0	0	0	0	0
Printing	0	200	200	300	300	300	400	400	400	500
Etc.	0	0	0	0	0	0	0	0	0	0
Subtotal	0	700	700	1,300	1,300	1,300	1,900	1,900	1,900	2,500

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Collection										
Capital Costs	0	0	0	0	0	0	0	0	0	0
Truck(s)	0	0	0	0	0	0	0	0	0	0
Boxes (six or eight cubic yards)	0	0	0	10,000	0	0	11,000	0	0	12,000
Roll-off Boxes	0	27,397	0	0	0	0	0	0	0	0
Compactor Units(s)	3,600	13,999	0	0	0	0	35,000	0	0	0
Fencing	0	0	0	0	0	0	15,000	0	0	0
Gravel	0	0	0	0	0	0	10,000	0	0	0
Concrete	5,000	0	0	0	0	0	30,000	0	0	0
Earthwork	0	0	0	0	0	0	10,000	0	0	0
Etc. (Engineer)	0	0	0	0	0	0	5,000	0	0	0
Annualized Capital Costs	0	8,280	8,280	11,680	11,680	16,917	16,917	16,917	16,917	20,917
Operation and Maintenance	5,000	5,000	5,000	5,000	5,500	5,500	5,500	5,500	6,000	6,000
Salary	49,000	33,815	34,829	35,874	36,950	38,059	39,200	40,377	41,588	42,853
Fuel	5,000	6,500	7,000	7,500	8,000	8,500	9,000	9,500	10,000	10,500
Electricity	1,500	1,500	1,500	2,000	2,000	2,500	2,500	3,000	3,000	3,500
Water	2,500	2,500	2,500	2,500	3,000	3,000	3,000	3,000	3,500	3,500
Insurance	7,000	7,200	7,400	7,600	7,800	8,000	8,200	8,400	8,600	8,800
Contracted Hauler	0	0	0	0	0	0	0	0	0	0
Etc. (Communications)	500	500	500	500	600	600	600	600	700	700
Subtotal	65,500	57,015	53,729	55,974	58,350	60,659	62,500	61,877	67,388	69,853

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Recycling										
Capital Costs	0	0	0	0	0	0	0	0	0	0
Baler	0	0	0	15,000	0	0	0	25,000	0	0
Collection Bins	0	0	0	0	0	0	0	0	0	0
Forklift	0	0	0	20,000	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Annualized Capital Costs	0	0	0	5,000	5,000	5,000	5,000	13,333	13,333	13,333
Operation and Maintenance	0	0	0	500	500	500	500	500	500	500
Salary	0	0	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	0	0	0
Electricity	0	0	0	0	0	0	0	0	0	0
Water	0	0	0	0	0	0	0	0	0	0
Insurance	0	0	0	0	0	0	0	0	0	0
Contracted Hauler	500	500	500	500	600	600	600	600	700	700
Etc.	0	0	0	0	0	0	0	0	0	0
Subtotal	500	500	500	41,000	6,100	6,100	6,100	39,433	14,533	14,533

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Landfill										
Capital Cost	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Permitting	0	0	0	0	0	0	0	0	0	0
Land Cost	0	0	0	0	0	0	0	0	0	0
Surveying	0	0	0	0	0	0	0	0	0	0
Earthwork	0	0	0	0	0	0	0	0	0	0
Liner	0	0	0	0	0	0	0	0	0	0
Clay/Soil Admixture	0	0	0	0	0	0	0	0	0	0
Drain Line	0	0	0	0	0	0	0	0	0	0
Gravel/Sand	0	0	0	0	0	0	0	0	0	0
Geotextile	0	0	0	0	0	0	0	0	0	0
Installation	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Contractor	0	0	0	0	0	0	0	0	0	0
Leachate Holding Tanks	0	0	0	0	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Annualized Capital Cost	0	0	0	0	0	0	0	0	0	0
Operation and Maintenance	0	0	0	0	0	0	0	0	0	0
Salary	0	0	0	0	0	0	0	0	0	0
Fuel	0	0	0	0	0	0	0	0	0	0
Electricity	0	0	0	0	0	0	0	0	0	0
Water/Sewer	0	0	0	0	0	0	0	0	0	0
Insurance	0	0	0	0	0	0	0	0	0	0
Equipment Repair	0	0	0	0	0	0	0	0	0	0
Telephone	0	0	0	0	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0
Closure/Post Closure Cost	0	0	0	0	0	0	0	0	0	0
Capital Cost	0	0	0	0	0	0	0	0	0	0
Annualized Capital Cost	0	0	0	0	0	0	0	0	0	0
Maintenance Cost	8,500	8,500	8,500	8,500	8,500	10,000	10,000	10,000	10,000	10,000
Subtotal	8,500	8,500	8,500	8,500	8,500	10,000	10,000	10,000	10,000	10,000

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Public Education										
Capital Cost	0	0	0	0	0	0	0	0	0	0
Annualized Capital Cost	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Operation and Maintenance	0	0	0	0	0	0	0	0	0	0
Salary	0	1,000	1,000	2,000	2,000	4,000	4,000	5,000	5,000	6,000
Printing	0	500	500	600	600	700	700	800	800	900
Etc.	0	0	0	0	0	0	0	0	0	0
Subtotal	0	1,500	1,500	2,600	2,600	4,700	4,700	5,800	5,800	6,900

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Problem Waste										
Capital Cost	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Annualized Capital Cost	0	0	0	0	0	0	0	0	0	0
Operation and Maintenance	0	0	0	0	0	0	0	0	0	0
Salary	0	0	0	0	0	0	0	0	0	0
Training	0	0	0	0	0	0	0	0	0	0
Disposal Cost	0	1,000	1,000	1,000	1,000	2,000	2,000	2,000	2,000	2,000
Printing\Advertising	0	500	500	500	500	1,000	1,000	1,000	1,000	1,000
Etc.	0	0	0	0	0	0	0	0	0	0
Subtotal	0	1,500	1,500	1,500	1,500	3,000	3,000	3,000	3,000	3,000

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
Disposal Capacity										
Capital Cost	0	0	0	0	0	0	0	0	0	0
Truck(s)	0	92,750	0	0	0	0	0	0	100,000	0
Container(s)	0	0	0	0	0	0	0	0	0	0
Etc.	0	0	0	0	0	0	0	0	0	0
Annualized Capital Cost	0	13,250	13,250	13,250	13,250	13,250	13,250	13,250	14,286	14,286
Operation and Maintenance Cost	0	1,000	1,500	2,000	3,000	3,500	4,000	4,500	1,000	1,500
Fuel	0	5,000	5,500	6,050	6,655	7,320	8,052	8,858	9,745	10,718
Salary	0	16,655	17,155	17,669	18,200	18,745	19,308	19,887	20,485	21,098
Contractor	141,000	0	0	0	0	0	0	0	0	0
Tipping Fees	0	75,200	75,200	75,200	75,200	75,200	85,000	85,000	85,000	85,000
Etc.(Communications)	0	500	500	500	500	600	600	600	600	600
Subtotal	141,000	204,355	113,105	114,669	116,805	118,615	130,210	132,095	231,116	133,202

HOUSTON COUNTY, TENNESSEE	2002- 2003	2003- 2004	2004- 2005	2005- 2006	2006- 2007	2007- 2008	2008- 2009	2009- 2010	2010- 2011	2011- 2012
SUMMARY										
Waste Reduction	0	700	700	1,300	1,300	1,300	1,900	1,900	1,900	2,500
Collection	65,500	57,015	53,729	55,974	58,350	60,659	62,500	61,877	67,388	69,853
Recycling	500	500	500	41,000	6,100	6,100	6,100	39,433	14,533	14,533
Landfill	8,500	8,500	8,500	8,500	8,500	10,000	10,000	10,000	10,000	10,000
Public Education	0	1,500	1,500	2,600	2,600	4,700	4,700	5,800	5,800	6,900
Problem Waste	0	1,500	1,500	1,500	1,500	3,000	3,000	3,000	3,000	3,000
Disposal Capacity	141,000	204,355	113,105	114,669	116,805	118,615	130,210	132,095	231,116	133,202
TOTALS	215,500	274,070	179,534	225,543	195,155	204,734	218,410	254,105	333,737	239,988

Appendix C

Public Participation Activities

Minutes for the Public Hearing concerning the Five Year update to the Houston County Solid Waste Planning region held at the Houston County Courthouse at 6:00 PM on January 13, 2003.

Attendance:

PUBLIC HEARING

1/13/03

Marky R. G. M.

Martha Bradley
Margaret Ann Goodwin
Frank & Goodwin

Dianne Sykes

PAV. J. L. Foss

Michael J. Dain

GREG EDINGTON

Phil Armour

James E. Talley

Jean Selgey

Chris Lepek

Samuel Burch

Harry Butler

James & Van Fleet

Comments:

Question: Who will be eligible to use the convenience center?

Answer: Waste is only accepted from vehicles with Houston County license plates. Contact the county executive's office for approval if special circumstances require the use of out of county vehicles to transport waste into the convenience center.

Question: What kind of savings has the county been able to obtain by taking over management and transport of waste from the convenience center?

Answer: It appears that there will be an overall reduction of costs in the range of 30 to 33 percent. Additional savings may be available depending on the amount of class III and IV tonnage segregated at the convenience center.

Question: How will the solid waste program be paid for?

Answer: The 2001-2002 budget was approximately \$300,000 of which the municipalities contributed half. Additional revenue will need to be collected for the loss of these contributions in the 2002-2003 budget. At present the shortfall is being made up by cost reductions coupled with a potential increase in property taxes. The finance committee is investigating options for obtaining the additional funding and will make recommendations to the county commissioners soon.

Comment: Can the county assess a user fee for the handling of garbage?

Answer: This idea is being discussed.

Question: What is the length of term and who can serve on the Solid Waste Committee?

Answer: Board members are appointed by the county executive terms are 6 years unless they are elected officials with terms of office less than 6 years. Anyone can serve on the committee. However, the state requires that each municipality be represented and that two members be farmers. Typically commissioners are chosen as committee members due there position in county government.

Question: Has the committee looked into a more equitable way of paying for solid waste management other than property tax?

Answer: The committee has and, is still investigating, options for funding the solid waste program in Houston County. The county commission does not want to raise property taxes, but solid waste is a program that must be funded and the cities are no longer obligated to assist the county to help pay for this mandated service.

Question: Is the committee going to look into providing programs for household hazardous waste collection?

Answer: The state offers a program for collection of household hazardous waste on a regular basis. In the past the county has participated in this program. The committee is looking into renewing this program and will publish a date for collection once it can get a commitment from the state.

No further comments were received and the meeting was closed at 6:30 PM

Community Calendar

Wival set Jan. 12-15

Stewart County

Port Donelson Pentecostal Church of God in Dover will hold a revival on Jan. 12-15. For information about the revival, call 232-6219.

Historical Society will

Meet January 14

The Houston County Historical Society will meet on Tuesday, Jan. 14 at 2 p.m. at Erin City Hall. For information on the meeting, call (615) 763-2377.

Senior Menus

Meals are served every day by the Cumberland HRA at the Lewis Senior Center in Erin and the Stewart County Senior Center in Dover. Reservations may be made in Dover by calling 289-3460 or in Erin by calling 232-4983. The following menu pertains to both locations for the week of Jan. 13-17, Monday, Jan. 13: Steak strip with gravy, squash casserole, green peas, with onions, meat roll and fresh orange. Tuesday, Jan. 14: Chicken, corn, tossed salad, Italian bread, apple cobbler, sugar free hot apple slices. Wednesday, Jan. 15: Spaghetti casserole, whole kernel corn, tossed salad, Italian bread, apple cobbler, sugar free hot apple slices. Thursday, Jan. 16: Sliced ham, macaroni and cheese, mixed greens, grape juice, cornbread, pudding, vanilla wafers, and sugar free vanilla pudding. Friday, Jan. 17: Pulled turkey with gravy, whipped potatoes

Public info workshops set with Corps officials

The Lake Barkley Resource Management staff will hold public information workshops the week of Jan. 13, 2003, in Dover, Cadiz, Ky., and Eddyville, Ky. The meetings will allow residents and interested parties to discuss issues of concern with Corps of Engineers officials. The workshops are held primarily to inform area residents and visitors about current events and shoreline management policies.

The meetings also provide opportunities for the public to ask questions about the U.S. Army Corps of Engineers programs. Residents of Stewart, Lyon and Trigg Counties can review and comment on the new Lake Barkley Shoreline Management Plan while it is still in draft. The shoreline management plan is reviewed every five years but only after incorporating concerns

voiced by the public. Individuals may provide comments on the plan, or on any proposed changes at the workshops, or in writing by Feb. 15, 2003. Contact the Lake Barkley Resource Manager at 270-362-4236 if you need assistance or for the web address. Comments may be mailed to Resource Manager, Lake Barkley, Highway 62, Box 218, Grand Rivers, Ky 42045.

The meetings will be held as follows: Monday, Jan. 13 - Eddyville, Ky., Lyon County Courthouse, 6 p.m.; Tuesday, Jan. 14 - Cadiz, Ky., Trigg County Courthouse, 6 p.m.; Thursday, Jan. 16 - Dover, Stewart County Courthouse, 6 p.m.

Life Line Screening will offer four health screenings using non-invasive ultrasound to assess the risk of stroke and vascular disease on Monday, February 24, at The First Baptist Church in Dover. There is a charge for the screenings.

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Health screenings to be offered

Life Line Screening will offer four health screenings using non-invasive ultrasound to assess the risk of stroke and vascular disease on Monday, February 24, at The First Baptist Church in Dover. There is a charge for the screenings.

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NOTICE

The Stewart County Public Safety Committee will meet **Thursday, January 9, 2003** at 6:00 PM at the Stewart County Election Station NO. 1.

Insertion Dates: January 7, 2003

Public Notice

The Houston County Legislative Body will meet in recessed session on **Monday, January 13, 2003** at 7:00 p.m. in the Houston County Courthouse to discuss the Five Year Update Municipal Solid Waste Regional Plan and another type of business.

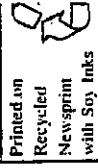
The public is invited.

George E. Claiborne
Houston County Executive

Insertion Date: Tuesday, Jan. 7, 2003

THE STEWART HOUSTON TIMES

Serving Stewart & Houston Counties Since 1886



(U.S.P.S. No. 521-860)

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POSTMASTER: Send changes of address to The Stewart-Houston Times, P.O. Box 425, Dover, Tenn. 37033. Periodical postage paid at Dover, Tenn. 37033.

Public hearing slated for solid waste plan

By DAVID R. ROSS

Houston County Editor

A public hearing is set for Jan. 13 at 6 p.m. at the Houston County Courthouse for comments on the county's Solid Waste plan five year update.

A draft of the plan is available for review upon request at the office of the Houston County Executive.

Houston County Executive George Clark said the Solid Waste Committee will be meeting tonight at 6 p.m. to refine the plan.

"We do encourage public input on the plan because this is an important issue for Houston County," Clark said.

Following the 6 p.m. public hearing on Jan. 13, the county commission will meet in recessed session at 7 p.m. in the courthouse to discuss the Five Year Update Municipal Solid Waste Regional Plan along with any other type of business.

State officials have been waiting for the plan for more than a year.

Local officials say the state has been lenient with them in getting the plan updated, but in recent meetings officials have said if the plan is not finalized, the county could face fines.

According to the plan's summary, a ten year solid waste Regional Plan for the Houston County Solid waste Planning Region was prepared in 12994 and approved by the state in 1996.

This planning document outlined the goals and objectives for the region for

to 2004.

The five year update to the ten year plan scheduled for submission in 2001

addresses the progress made toward meeting these goals and objectives and the plans for following through over the remainder of the period.

The submittal has been delayed due to an ongoing investigation of options available to the county after Erin and Tennessee Ridge did not renew interlocal agreements for sharing costs in solid waste disposal.

The five-year update municipal solid waste regional plan for Houston County was prepared by Highers Koence and Associates, Inc. Civil and Environmental Engineering, Nashville.

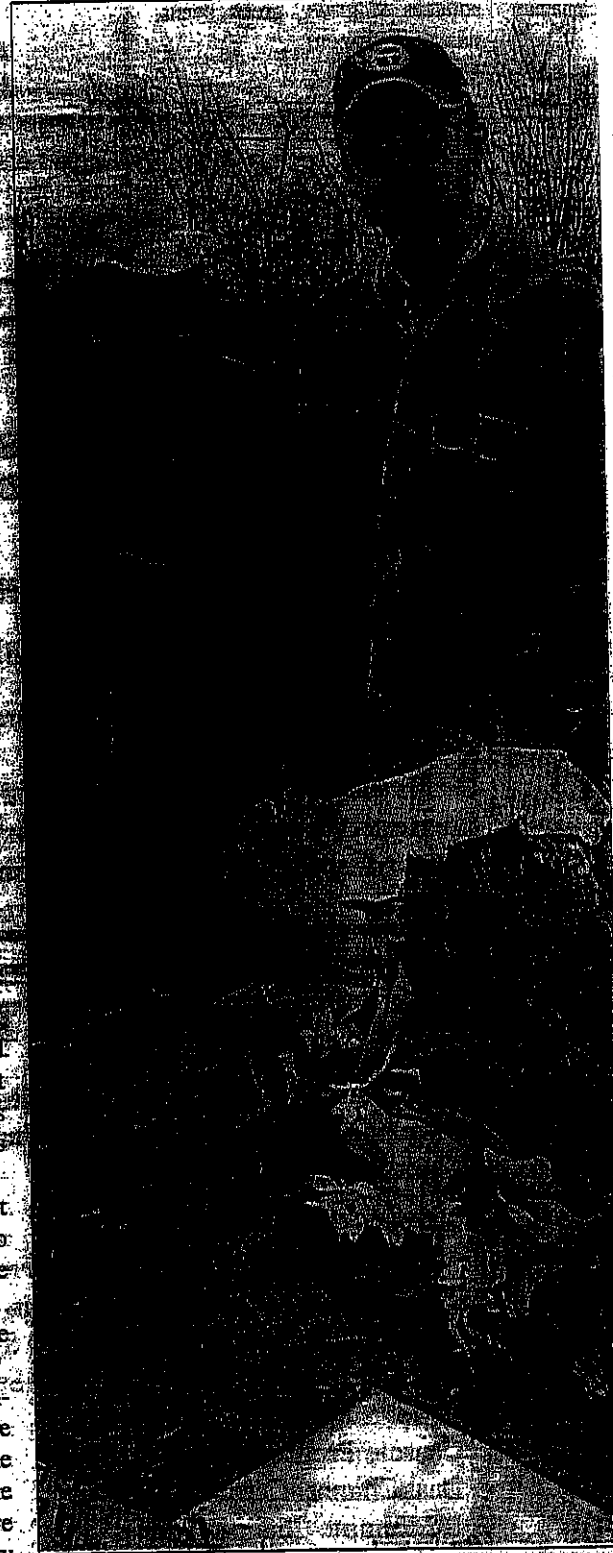
According to the updated plan, the Houston County Solid Waste Region is a one-county region consisting of Houston County.

The region has a solid waste committee with eight members. Two positions represent the municipalities in the region.

Five positions are at large representatives, two of which are farmers in the region.

The final position is the county executive.

The municipal representatives are selected by the governing body of the municipality and the remaining positions are appointed by the county executive. Each committee member serves a six-year term and is appointed on a staggered basis to provide continuity in the plan, says



Staff photo by David R. Ross. Cindy Adkins, left, and Mike Gaudet, both of Houston County, visited the county's convenience center last week to dispose of household and holiday trash. Citizens are encouraged to attend a public hearing

Hearing

Continued from A1

Members and the expiration date of their terms are: George Clark, Aug. 2006, Jim Vanfleet, Aug. 2008, Phil Averitt, Aug. 2008, Chris Selph, Aug. 2004, Donnie Lewis, Aug. 2006, Darrill Kingmill, Aug. 2008, Rhyie Largent, Aug. 2008 and Lee Dunavant, Aug. 2008. Kingmill is the chair. Largent represents Erin and Dunavant represents Tennessee Ridge. Clark is county executive.

The Solid Waste Committee is responsible for all planning and coordinating of the solid waste region and all proposals contained within the ten-year plan. The general public is kept advised of the committee progress, the plan says.

The Houston County Planning Region has reviewed the possibility of joining the larger Stewart/Montgomery/Robertson planning region. The Houston County region has decided to remain autonomous due to the unique rural nature of their region and the firm establishment of a successful program for handling solid waste within the region over the last five years, the plan says.

No "house-to-house" garbage collection is available within Houston County. However, private waste collection services are available to commercial and residential customers if they wish to pay for the service. The private waste collection service within the region are allowed to deposit waste at the county's convenience center for transfer to the regional solid waste disposal site at no charge, the plan says.

The Houston County Solid Waste Region has a population of 8,068 and a population density of 40.44 persons per square mile as determined by 2002 census. The census says 35 percent of the region's total population is contained within its municipalities.

Over the last two years, the population of the region has remained fairly stable, increasing by only 1.5 percent, while the population has increased for the region, the solid waste generated has decreased, indicating that educational programs over the past five years have been effective in reducing the amount of waste generated within the county, the plan says.

Funding for the programs have been obtained through property tax assessments and contributes from the municipalities within the county through an interlocal agreement. The interlocal agreements expired in 2002 and are not being renewed. Therefore the county commissioners are investigating the possibilities for making up the lost revenues through a revision in the property tax structure, the implementation of a user fee for the reduction of services, the plan says.

At present, there has been no decision as to what course of operation of the region's convenience center by purchasing equipment to receive and trans-

fer to the Bi-county Landfill in Montgomery County. The convenience center will operate a seven-day per week schedule and be administered by the county executive's office with no reduction in services, the plan says.

The plan says the economic base and other area conditions can have significant effects on all areas of waste generation. Houston County region possesses an economic base consisting mainly of farming, manufacturing, tourism and retail services. The diversified economy should sustain a relatively stable waste stream.

The region contains no landfills, the plan says. The county's solid waste is currently being hauled by contract to Bi County Landfill in Montgomery County. Houston County has purchased equipment to receive and transport waste received so that the county for waste transport can be discontinued.

The region source reduction and recycling systems generally consist of community and organizational recycling efforts.

Solid waste is included as a small part of the science curriculum in schools and the extension service teaches some recycling and holds recycling contests. Houston County will take a more active roll in recycling and they have appointed a committee to study how solid waste education may best be approached, the plan says.

The county removes cardboard and metal metals for the waste stream for recycling. They are containerized and removed by a private company. Additional tires and brake liners are received from commercial outlets in form for recycling.

Houston County owns and operates and maintain incinerator that burns into Woodstock. The Solid Waste Commission is continuing to investigate additional ways to divert Class III and Class IV waste from the total waste stream, the plan says.

Unmanaged waste is calculated from the accepted potential of

six pounds per capita per day minus all the known waste stream quantities. Ways to reduce unmanaged waste are being addressed through the county sheriff's office and public education programs, the plan says.

Houston County continues to be a slow to moderate-income region with relatively high unemployment, the plan says.

Attempts are being made to attract industry to the Stewart/Houston County Industrial park with moderate success. There have been no major changes in the demographic makeup of the region and therefore it is not anticipated that the waste stream for the region will change significantly in the near future, the plan says.

Houston County has received grants for educating elementary age children in the reduction of waste. This grant was administered by the county executive's office.

In the 2000 calendar year, the region had a 23.5 percent reduction in solid waste stream. Those of the economic adjustment formula and the new base year would be beneficial in helping the region to meet the 25 percent reduction goal by 2002, the plan says.

Houston County's main program for collecting and controlling waste in the Region is the Central Convenience Center. The development and enhancement of this center is of primary importance to the region.

The county is concerned that a cut in revenues due to the loss of contributions from the municipalities will affect the operation of the center and are therefore undertaking steps to increase funding and cut costs of operation of the center.

The commission is investigating ways to aggregate Class III and Class IV waste at the center to reduce overall disposal costs.

Funds from recycled materials are used to make improvement at the center and increase recycling afford at the convenience center.



HOUSTON COUNTY COURTHOUSE
ERIN, TENNESSEE 37061

George E. Clark
Executive

Telephone: (931) 289-3633

January 8, 2003

Mayor Lee Dunavant
City of Tennessee Ridge
11810 N Main Street
Tennessee Ridge, TN 37178

Dear Mayor Dunavant:

Enclosed is a copy of the Five Year Update Municipal Solid Waste Regional Plan for Houston County. Please review this plan and respond with any comments or questions.

Sincerely,

George E. Clark
County Executive
Enclosure

GEC/bjw



HOUSTON COUNTY COURTHOUSE
ERIN, TENNESSEE 37061

George E. Clark
Executive

Telephone: (931) 289-3633

January 8, 2003

Mayor Ryhne Largent
Erin City Hall
P.O. Box 270
Erin, TN 37061

Dear Mayor Largent:

Enclosed is a copy of the Five Year Update Municipal Solid Waste Regional Plan for Houston County. Please review this plan and respond with any comments or questions.

Sincerely,

George E. Clark
County Executive
Enclosure

GEC/bjw

Appendix D

Resolutions

A RESOLUTION
CREATING HOUSTON COUNTY'S MUNICIPAL SOLID WASTE PLANNING REGION

WHEREAS, the adoption of the Subtitle D landfill regulations by the United States Environmental Protection Agency and companion regulations adopted by the Tennessee Solid Waste Control Board will impact on both the cost and method of disposal of municipal solid waste; and

WHEREAS, at the urging and support of the coalition of local government, environmental, commercial, and industrial leaders, the 97th Tennessee General Assembly enacted T.C.A. §68-211-801 et seq. titled "Solid Waste Management Act of 1991"; and

WHEREAS, with the view that better planning for solid waste will help control the additional costs that will be imposed by the new landfill regulations, help protect the environment, provide an improved solid waste management system, better utilize our natural resources, and promote the education of the citizens of Tennessee in the areas of solid waste management including the need for and desirability of reduction and minimization of solid waste, local governments in Tennessee supported and work for the passage of this Act; and

WHEREAS, one of the stated public policies of this Act is to institute and maintain a comprehensive, integrated, statewide program for solid waste management; and

WHEREAS, as per T.C.A. §68-211-811, the nine development districts in the State of Tennessee have completed a district needs assessment which are inventories of the solid waste systems in Tennessee; and

WHEREAS, Houston County's Board of County Commissioners has given consideration to the needs assessment prepared by the Greater Nashville development district; and

WHEREAS, T.C.A. §68-211-813 requires that counties in the State of Tennessee form municipal solid waste regions no later than December 12, 1992; and

WHEREAS, the Act's stated preference is the formation of multi-county regions with counties having the option of forming single or multi-county municipal solid waste regions; and

WHEREAS, the State of Tennessee will provide grant monies of varying amounts to single county, two county, and three or more county municipal solid waste regions to assist these regions in developing their municipal solid waste region plans; and

WHEREAS, the primary and prevailing purpose of the municipal solid waste regions are the preparation of municipal solid waste regional plans which among other requirements must identify how each region will reduce its solid waste disposal per capita by twenty-five percent (25%) by December 31, 1995, and a planned capacity assurance of its disposal for a ten (10) year period; and

WHEREAS, the development of a municipal solid waste regional plan that results in the most cost effective and efficient management of municipal solid waste is in the best interest of the citizens of Houston County;

NOW, THEREFORE BE IT RESOLVED, by the Board of County Commissioners of Houston County, Tennessee, acting pursuant to T.C.A. §68-211-801 et seq., that there is hereby established a Municipal Solid Waste Region for and by Houston County, Tennessee; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. §68-211-813(a)(2), that the Board of County Commissioners of Houston County, Tennessee finds and determines that Houston County shall be and shall constitute a single county municipal solid waste region due to the following: Houston County presently does not operate and maintain a solid waste landfill and it is the consensus of the County Executive and County Court that for financial reasons Houston County should be a single solid waste region; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. §68-211-813(b)(1), a Municipal Solid Waste Region Board is hereby established to administer the activities of this Region; and

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall be composed of nine (9) members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. §68-211-813(b)(1) Houston County Board members shall be appointed by the County Executive and approved by this Board of County Commissioners and, due to the fact that The Cities of Erin and Tennessee Ridge collect or provide disposal services through its own initiative or by contract, the Cities of Erin and Tennessee Ridge shall have a Board member. This member shall be the Mayor of each city; and

BE IT FURTHER RESOLVED, that members of the Board of the Municipal Solid Waste Region shall serve a six (6) year term except that two members appointed by the County Executive shall have a four (4) year term, that one member shall have a two (2) year term, and that the Mayors of Erin and Tennessee Ridge shall have a two (2) year term. The proposed board members and the length of their terms is as follows:

<u>Name</u>	<u>Length of Term</u>
Honorable George E. Clark	6 Years
Phil Averitt	6 Years
Donnie Lewis	6 Years
Gus Norfleet	4 Years
Tommy Meadows	4 Years
Darrell Kingsmill	4 Years
J. C. Clark	2 Years
Honorable Fred Finley	2 Years
Honorable Robert Brown	2 Years

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall have all powers and duties as granted it by T.C.A. §68-211-813 et seq., and in addition, in the performance of its duty to produce a municipal solid waste region plan, it shall be empowered to utilize existing Houston County governmental personnel, to employ or contract with persons, private consulting firms, and/or governmental, quasi-governmental, and public entities and agencies and to utilize Houston County's services, facilities and records in completing this task; and

BE IT FURTHER RESOLVED, that at the Municipal Solid Waste Region Board's initial organizational meeting it shall select from its members a chair, vice-chair, and secretary and shall cause the establishment of a municipal solid waste advisory committee whose membership shall be chosen by the Board and whose duties are to assist and advise the Board; and

BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board, in the furtherance of its duty to produce a municipal solid waste region plan, is authorized to apply for and receive funds from the State of Tennessee, the federal government, Houston County, and to apply for and receive donations and grants from private corporations and foundations; and

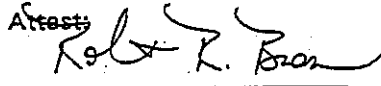
BE IT FURTHER RESOLVED, that Houston County shall receive, disburse, and act as the fiscal agent for the administration of the funds of the Municipal Solid Waste Region and the Region's Board; and

RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF HOUSTON COUNTY, TENNESSEE, this 19th day of September, 1994, the welfare of the citizens of Houston County requiring it.


Sponsor:


County Commissioner, Chairman

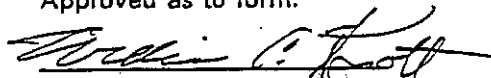
Attest:



Approved:


County Executive

Approved as to form:


County Attorney

RESOLUTION _____

Sponsored by the Houston County Executive, George E. Clark
And recommended by Committee Chairman, Darrell Kingsmill

A RESOLUTION ADOPTING A FIVE YEAR REVISION AND UPDATE TO THE HOUSTON COUNTY SOLID WASTE MANAGEMENT PLAN, IN ACCORDANCE WITH THE TENNESSEE SOLID WASTE MANAGEMENT ACT OF 1991.

WHEREAS, the proper management of solid waste is an important issue affecting the health and welfare of current and future residents of Houston County; and;

WHEREAS, the Tennessee Solid Waste Management Act of 1991 ("the Act") mandates the establishment of "solid waste regions" throughout the state; and

WHEREAS, each solid waste region is required to prepare a five year revised solid waste management plan in accordance with the Act; and

WHEREAS, the Houston County Commission has previously established a Solid Waste Committee in order to ensure Houston County's compliance with the requirements of the Act; and

WHEREAS, the Houston County Solid Waste Committee has prepared and adopted a five year revision and updated solid waste management plan for the Houston County Solid Waste Region, has held a public hearing on the plan, and recommends its adoption by the Houston County Commission.

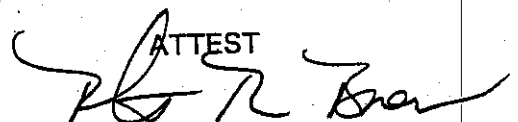
NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF HOUSTON COUNTY, TENNESSEE:

- Section 1. Houston County hereby adopts the Houston County Solid Waste Five Year Revision/Update Management Plan dated November, 2002.
- Section 2. Houston County authorizes the submission of the Houston County Solid Waste Five Year Revision/Update Management Plan to the Tennessee Department of Environment and Conservation and endorses the subsequent approval of the same as the solid waste planning document of the Houston County Solid Waste Region.
- Section 3. Houston County will continue to cooperate and work with the Houston County Solid Waste Committee in order to implement the Houston County Solid Waste Management Plan, thereby satisfying the requirements set forth in the Act of 1991.

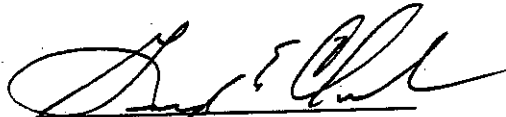
Adopted this 13th day of January, 2003.

CERTIFICATION OF ACTION


Commission Chairman

ATTEST

County Clerk

Approved: Yes

Vetoed:

County Executive

01-13-03
Date

RLG 7/30
JND 7/30
AMM 7/30



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
401 Church Street, 8th Floor L & C Tower
Nashville, Tennessee 37243-1533

MEMORANDUM

DATE: July 28, 2003
TO: Commissioner Child
FROM: Ron Graham *RG*
RE: Houston County Waste Tire Option Grant Payment

*7/30 - Comm. Child by note to Dept
approves request to give
brinds to Houston Co in the
amount of \$5,854.10 -
Per - prepare letter &
necessary documents -
- FBP to and
Mayor.*

I spoke today with Houston County Mayor George Clark regarding a July 25, 2003 letter (attached) informing him that the fiscal year 2002/2003 Waste Tire Option Grant (beginning July 1, 2002) was not executed. I received a message later today that Mayor Clark had received the letter with the returned tire manifests and invoice.

*1
inform that
grant will
be paid.*

While I was on vacation, Jim Poff and Joyce Dunlap presented this grant to you on June 17, 2003 for your consideration. According to Jim and Joyce, you decided not to sign this grant because of the length of time required for Houston County to regain compliance and your March 31, 2003 memorandum concerning processing state contract's and grants. Significant compliance dates:

*Per he could
get documents
back -
Grant to be
expedited*

- Five year update to ten year solid waste regional plan - Due 10/8/01; Approved 4/30/03
- 2002 Annual Progress Report - Due 3/31/01; Approved 6/12/03
- 2001 Annual Progress Report - Due 3/31/02; Approved 2/7/03

*Rec'd 3/7/03
Rec'd 5/8/03
Rec'd 1/15/03*

Mayor Clark stated that since he has returned to office, he has worked hard to both ensure that the required reports are approved and apply for eligible funds for Houston County. He would like the department's assistance to provide the funds requested. Mayor Clark would like to speak with you personally regarding this request. Mayor Clark's telephone number is (931) 289-3633.

Please let me know if I can provide any other information or assistance.

*Phil
Shed for EPA
to make certain
payment of grant
in the amount of \$5,854.10*



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1533

April 30, 2003

Mr. Darrell Kingsmill, Chairman
Houston Co. Municipal SW Planning Region
Court Square Center
Erin, TN 37061

Dear Mr. Kingsmill:

Thank you for information just received relative to the Five-Year Update to Houston County's Municipal Solid Waste Plan. The information has been reviewed by division staff and the report is hereby approved. The Houston County MSW Region is now in compliance with provisions of the Solid Waste Act and is again eligible for funding from the Solid Waste Management Fund.

This revised plan is intended to serve as a guideline for the region's solid waste reduction activities during the upcoming ten-year period. Tennessee Code Annotated §68-211-815 requires that it be consistent with the state solid waste plan, with the provisions of this part, with all other applicable provisions of law, and with any regulation promulgated by the department. Any changes or updates in this plan must be identified and reported in the region's Annual Progress Report and its next Five-Year Update.

If you have any questions or comments, or if you need our assistance, please telephone me at (615) 532-0082 or e-mail bob.knight@state.tn.us

Sincerely,

A handwritten signature in black ink, appearing to read "MLA".

Robert G. Knight
Planning, Reporting, and Waste Reduction

cc: The Honorable George Clark, Houston County Executive
Mr. Gary Copperage, Houston County Solid Waste Director
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Mike Stooksberry, UT-CTAS
Mr. Greg Edrington, Consultant, Highers Koonce & Associates
Mr. Charles Jobe, EC, Nashville Environmental Assistance Center



HOUSTON COUNTY COURTHOUSE
ERIN, TENNESSEE 37061

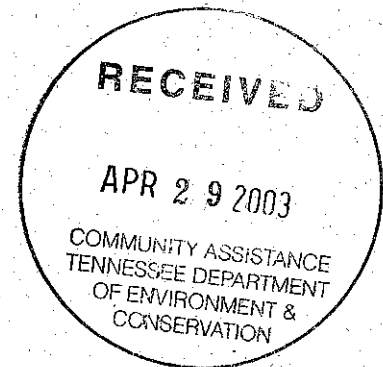
George E. Clark
Executive

Telephone: (931) 289-3633

April 24, 2003

File No. 0130-07

Mr. Robert Knight
Tennessee Department of Environment and Conservation
Division of Community Assistance
401 Church Street, L & C Tower, 8th Floor
Nashville, Tennessee 37243-1533



**RE: HOUSTON COUNTY
MUNICIPAL SOLID WASTE REGIONAL PLAN
FIVE YEAR UPDATE REVISION 2**

Dear Mr. Knight:

In response to your memorandum dated March 14, 2003, The Houston County Planning Region has prepared the following clarifications and has revised the Five-Year Update to the Ten-Year Solid Waste Plan to include the requested information as described below. Two copies of the revised plan are enclosed for your use.

Item 1:

Table 3-4 Source Reduction has been eliminated due to a lack of acceptable documentation to verify the amount previously reported.

Item 2:

Table 3-4 Unmanaged Waste has been eliminated due to a lack of reliable information concerning the overall waste stream generated. Ongoing efforts are being made by the planning region to identify unmanaged waste and minimize it.

Item 3:

Information concerning the operation of the Region's convenience center as a transfer station has been included in Chapter Six of the report.

Item 4:

Terms of the Region's planning board have been adjusted to provide for a rotation of three board members on a semiannual basis with each board member serving six years in accordance with Tennessee Statutes.

Item 5:

The region currently provides for recycling of cardboard and ferrous metals. Plastic recycling is currently being investigated and funds have been outlined for purchase of equipment to handle these materials in the 10-year budget plan.

The submittal and acceptance of Revision 2 of this report should return the region to a state of compliance with the solid waste regulations and allow the region to receive funds applied for by the region.

If you have any questions or comments concerning the requested clarifications and additional information feel free to contact me at 931-289-3633. Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "George E. Clark". The signature is fluid and cursive, with a large initial "G" and "E".

George E. Clark, County Executive

Cc: Greg Edrington, HKA w/enclosures
Phil Armor, GNRC w/ enclosures

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 4-29-03

TO: File

FROM: BRK.

SUBJECT: Houston - ~~2002 APR~~ 5-yr Update

Greg Cibrington (Highers Koonce) called today to tell me that Houston Co. Exec. Gary Clark has the 2nd revision of the 5-yr Update, will sign & send to us within next few days. He says it will be identical to the draft copy which I have reviewed & accepted.

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 4-22-03

TO: File

FROM: Bob K.

SUBJECT: Houston - Fini - Year Update

Spoke w/ Greg Edington (Higher Koonce) today + advised him that the revised report rec'd in this office on 4/16/03 is satisfactory. He will have the Cr. exec. + brand chair submit a "formal" copy within next few days.

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 3-26-03

TO: Julie

FROM: BDK

SUBJECT: Houston 2001 APP + Five-year Update

Spoke w/ Phil Hamer re add info for 2001 APP. He passed it to me + I added to data base. (Chy. 11.0, 4, +D). The 2000 APP form was inadvertently used when submitting the 2001 APP + the questions were somewhat different.

Phil spoke w/ Greg Edgington of Higher-Knowledge, + ~~that~~ advised him about using "national averages" in computing Houston's education data. He (Phil) will work w/ Greg to get the 5-yr. Update complete + the response to my comments back to us ASAP.



Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1	
To	GREG EDRINGTON	From	BOB KNIGHT
Co.	HIGHERS KOONCE	Co.	TDEC/DCA
Dept.	+ ASSOC	Phone #	532-0082
Fax #	(615) 333-0529	Fax #	

STATE OF TENN
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
L & C Tower-8th Floor
401 Church Street
Nashville, TN 37243-1533

MEMORANDUM

March 14, 2003

TO: Mr. Greg Edrington, P.E.
Highers, Koonce, & Associates, Inc.

FROM: Bob Knight, ^{BK} Planning, Reporting, & Waste Reduction

RE: Houston County MSW Planning Region
Five-Year Update to Solid Waste Plan

Greg, it was good talking with you today and I appreciate your efforts to complete this 5-yr update. Listed here are the areas we discussed, along with some suggestions offered to help finalize the report.

1. Table 3-4 lists the categories of the waste stream generation. **Source reduction** is normally derived from changes in manufacturing, distribution, or handling practices that result in less waste being generated, e.g., improvement in a method of producing 'widgets', or perhaps decreasing the weight of packaging or packing material, which results in less waste. We require a statement from the company claiming such reduction to be included with the report. If you don't have access to such numbers, it would be more appropriate to indicate 'none' in this column.
2. Table 3-4 also lists **unmanaged waste** tonnage, along with an explanation of how it was calculated, i.e., using 6 pounds/capita/day. Your methodology produced a figure of 2,957 tons (2+ pounds/capita/day) or 37.5% of the total municipal solid waste generated. This percentage appears excessive, compared with reports from other regions across the state, and would seem to suggest that the region's present collection program is not adequate to meet the needs of all its residents. The generally accepted method of determining unmanaged waste volume is to rely on estimates and records made and kept on such waste by the solid waste director or someone else familiar with the illegal dumps,

Memo to Greg Edrington

March 14, 2003

Page 2

backyard composting, and burning taking place within the county. Again, if you do not have access to these estimates, it may be more appropriate to list "none" for this column.

3. The county's convenience center meets the description of also serving as a **transfer station** since the solid waste collected is brought to this facility and then reloaded onto a transfer truck and hauled to Bi-County Landfill (see the reference to transfer in Chapter 4 of this report.) Chapter 6.1 of the 5-Year Update Guidelines asks for information on such facilities. I have attached a copy of Chapter 6.1 for your convenience.

✓ This report is an update of the region's solid waste plan and, as such, should be in accordance with the statutes. T.C.A. §68-211-813 provides that planning board member terms shall be for six (6) years, staggered so that approximately one-third of the terms shall expire every two years, except for the **initial board**, where one-third of the terms shall be for two (2) years and one-third for four (4) years. The current terms should be an extension of the initial terms, all six (6) years in length. If members serve for less than 6 years, their successor should fill out the remainder of that term before beginning another 6-year term. This compliance with the Act should be accomplished as soon as possible, but not later than December 31, 2003.

✓ Table 3-3 describes waste categories found in Class I disposed waste. Paper & paperboard is shown at 40%, ferrous metals at 6.5%, and plastics at 8%. This estimate indicates that 54.5% of the Class I waste being landfilled has some potential of being recycled. Providing for collection of these 3 materials for recycling would improve the region's disposed waste reduction rate.

If you should have any question about these items, please call me at 532-0082.

Chapter 6: Disposal

(Landfills, Incinerators, Waste to Energy Facilities, Transfer Stations, and Waste Imports and Exports)

Statutory Authority (edited) - T.C.A. 68-211-815 (b): Each plan shall provide a current system analysis, including disposal capability, with an analysis of the remaining life expectancy of landfills or other disposal facilities; anticipated capacity needs; planned capacity assurance; and descriptions of planned or needed facilities.

Countywide Disposal Assurance - Each county shall assure that one or more disposal systems is available to meet the needs of the residents of the county [T.C.A. 68-211-851(a)].

Full Financial Disclosure and Accountability - Any county, solid waste authority, and municipality that operates a Class I landfill and/or incinerator shall account for financial activities related specifically to that landfill and/or incinerator in an enterprise fund. A uniform solid waste financial accounting system and chart of accounts developed by the comptroller of the treasury shall be used [T.C.A. 68-211-874 (a)].

Sources - Many of the questions in this Chapter come directly from the Development District Solid Waste Needs Assessment guidance document -Chapter VI. You are encouraged to use the Needs Assessments for counties in this Region as a source, but take care to update information and bear in mind that the Assessments are a "county by county" analysis while Five-Year Updates call for a Regional analysis. In addition to the landfill and incinerator operators themselves, The Division of Solid Waste Management's estimated life survey will be a useful source.

1. Please list all the landfills, transfer stations, Municipal Solid Waste incinerators, Landfill Gas to Energy facilities, and Waste to Energy facilities in the Region.
 - Name of Facility
 - Owner
 - Operator/Contact
 - Phone Number
 - Address/Location/County
 - ~~Classification of Landfill (I - IV)~~
 - ~~For Class I landfill, does facility meet Federal Subtitle D regulations?~~
 - Jurisdictions Served (Please identify by name)
 - Permit Number (*convenience center number*)
 - Tipping fee per ton (List fee amounts)
 - Special Tipping Fees (List fee amounts)
 - Materials the facility receives/limits
 - ~~Does the facility produce energy?~~
 - Transfer from where to where?

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 3-13-03

TO: File

FROM: BJK

SUBJECT: Houston's Five-Year Update

Spoke w/ both Phil Amor (GNRC) + Greg Edington (Highway Council) re: items in the "revised" update that need revisiting. Phil suggested that he, Greg, and I get together + work on these. Greg said that if I would fax him a list of the changes needed that he would correct the report.

3/14/03 faxed list to Greg.



HOUSTON COUNTY COURTHOUSE
ERIN, TENNESSEE 37061

George E. Clark
Executive

Telephone: (931) 289-3633

March 7, 2003

File No. 0130-07

Mr. Robert Knight
Tennessee Department of Environment and Conservation
Division of Community Assistance
401 Church Street, L & C Tower, 8th Floor
Nashville, Tennessee 37243-1533

**RE: HOUSTON COUNTY
MUNICIPAL SOLID WASTE REGIONAL PLAN
REVISED FIVE YEAR UPDATE**

Dear Mr. Knight:

In response to your letter dated February 7, 2003, The Houston County Planning Region has prepared the following clarifications and has revised the Five-Year Update to the Ten-Year Solid Waste Plan to include the requested information as described below. Two copies of the revised plan are enclosed for your use.

Chapter 1-Summary

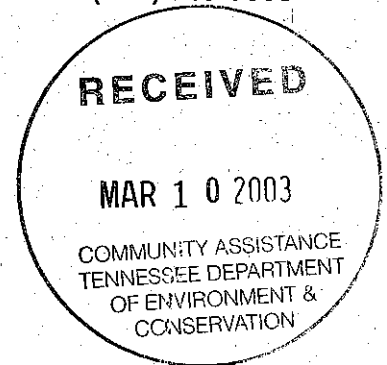
Please submit the requested implementation schedule illustrating current and planned facilities and programs for the ten-year planning horizon.

Table 1-1 has been added to the revised Solid Waste Plan to outline the proposed implementation schedule for the planned facilities and programs as presented in the ten year budget projections included in Appendix B.

Chapter 2-General Information

Please make the necessary adjustments to bring the board into compliance.

The number of members on the regional Solid Waste Planning Committee and their terms have been revised to include nine members with one third of the members terms expiring every two years.





Chapter 3-Waste Stream

Please correct tons disposed as shown in Table 3-1. Revise Tables 3-2 and 3-3 based on the corrected Table 3-1.

Tables 3-1, 3-2 and 3-3 have been revised to reflect the tons of disposed waste as shown in Figure 1-1 and Table 3-4.

Please explain, in more detail, how the calculation for unmanaged waste was made.



As described in Chapter 3 of the Plan, the figure for unmanaged waste is arrived at by utilizing the accepted potential of 6.0 pounds of waste per day per capita and multiplying it by the county's population and the number of days in a year. The known waste stream totals for the year 2000 are then subtracted from this total resulting in the annual unmanaged waste quantity for the year 2000.

The actual unmanaged waste is probably much lower for a rural region like Houston County since estimates of 6.0 pounds per day per capita includes yard waste which is collected in urban settings but is disposed of on site in rural areas like Houston County. Additionally, many people in rural settings will burn waste onsite before disposal further reducing the amount of waste transported to the landfill and thus lowering the amount calculated for unmanaged waste.

Explain the origin of the source reduction tonnage.



The figure for source reduction comes from estimates of waste collected by commercial carriers and compared to the previous year. These reductions were then extrapolated to include the entire population.

The strategies for source reduction in the five-year plan do not agree with those presented in the 2001 Annual Progress Report.

The 2001 Annual Progress Report does not reflect the five-year strategies due to a lack of information available to substantiate the numbers. The current administration is attempting to keep better records so that these trends can be better documented in future progress reports.

Chapter 6-Disposal

Please provide information on the region's transfer station.



The Houston County Region does not operate a transfer station. It has one Convenience Center open to all waste generators within the region.

Please provide information requested in Sections 6.3 and 6.4 of the Guidelines.

✓ Chapter 6 has been revised to include additional information as requested by sections 6.3 and 6.4 of the Guidelines for Five-Year Updates.

The submittal and acceptance of this revised report should return the region to a state of compliance with the solid waste regulations and allow the region to receive funds applied for by the region.

If you have any questions or comments concerning the requested clarifications and additional information feel free to contact me at 931-289-3633. Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "G. E. Clark", with a long horizontal flourish extending to the right.

George E. Clark, County Executive

Cc: Greg Edrington, HKA
Phil Armor, GNRC



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1533

Certified Mail 7002 0510 0002 3353 0410

February 7, 2003

The Honorable George Clark
Houston County Executive
Court Square Center
Erin, TN 37061

Dear Mr. Clark:

Division staff has reviewed the five-year update to the Houston County Municipal Solid Waste Planning Region's Ten-Year Solid Waste Plan and, while most of the report is complete and adequate, some sections need additional information or clarification. The following comments are based upon this review and other relevant documents and requirements:

CHAPTER 1-SUMMARY

Please submit the requested *implementation schedule* illustrating current and planned facilities and programs for the ten-year planning horizon.

CHAPTER 2-GENERAL INFORMATION

T.C.A § 68-211-813 requires that an MSW planning board consist of an odd number, not less than five (5) nor more than fifteen (15) members with six (6)-year terms, staggered so that approximately one third of the terms expire every two years. The Houston County MSW Region's formation resolution established a nine (9)- member board; however, the update report lists only eight members, and four of these member terms are for 4 years instead of 6. **Please make the necessary adjustments to bring the board into compliance.**

CHAPTER 3-WASTE STREAM

The tons disposed (4,080) shown in Table 3-1 does not agree with that shown in the flow diagram or in Section 3.4. It appears that the recycling volume (1,253 tons) was included in the tons disposed column. **Please make this correction and then compute Tables 3-3 and 3-3 based on the corrected figure in 3-1.**

Table 3-4 relates to total waste generation. The Update report shows *unmanaged waste* of 2,957 tons, which is 37.4% of the total waste generated. **Please explain, in more detail, how this calculation was made. In addition, please explain the origin of the *source reduction tonnage*. These strategies do not agree with those found in the 2001 Annual Progress Report.**

Mr. George Clark
February 7, 2003
Page 2


CHAPTER 6-DISPOSAL

Section 6.1 asks for certain information on waste facilities, including transfer stations, in the region. **Please provide this information for the region's transfer station.**

Sections 6.3 and 6.4 also request certain information concerning waste disposal. **Please provide this information.**

The region's response to these comments is **due on or before April 10, 2003**. If you have any questions or need our assistance, please contact me at the Division of Community Assistance, (615) 532-0082 or bob.knight@state.tn.us

Sincerely,



Robert G. Knight
Planning, Reporting, and Waste Reduction

cc: Mr. Darrell Kingsmill, Chairman, Houston MSW Planning Region
Mr. Mike Stooksberry, UT-CTAS
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Greg Edrington, Consultant, Highers, Koonce & Associates
Mr. Charles Jobe, EC, Nashville Environmental Assistance Center



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1533

Certified Mail 7002 0510 0002 3353 0427

February 7, 2003

Mr. Darrell Kingsmill, Chairman
Houston Co. Municipal SW Planning Region
Court Square Center
Erin, TN 37061

Dear Mr. Kingsmill:

Division staff has reviewed the five-year update to the Houston County Municipal Solid Waste Planning Region's Ten-Year Solid Waste Plan and, while most of the report is complete and adequate, some sections need additional information or clarification. The following comments are based upon this review and other relevant documents and requirements:

CHAPTER 1-SUMMARY

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Mr. Darrell Kingsmill

February 7, 2003

Page 2

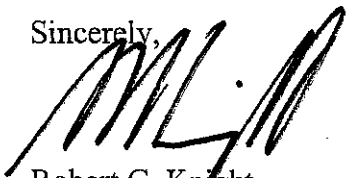
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The region's response to these comments is **due on or before April 10, 2003**. If you have any questions or need our assistance, please contact me at the Division of Community Assistance, (615) 532-0082 or bob.knight@state.tn.us

Sincerely,



Robert G. Knight
Planning, Reporting, and Waste Reduction

cc: The Honorable George Clark, Houston County Executive



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Community Assistance
401 Church Street, 8th Floor
Nashville, TN 37243-1533

January 29, 2003

Mr. Darrell Kingsmill, Chairman
Houston Co. Municipal SW Planning Region ~~42~~
Court Square Center
Erin, TN 37061

RE: Five-year Update to Ten-year Solid Waste Plan
Houston Co. SW Disposal Commission

Dear Mr. Kingsmill:

Thank you for your submission of the Houston Co. SW Disposal Commission County Five-year Update to Ten-year Solid Waste Plan. We received your plan on January 23, 2003. Division staff will complete the review within the next 90 days as required by The Solid Waste Act of 1991.

If you need additional information or have further questions, please contact me at 615-532-0095.

Sincerely,

Louis Bordenave

LLB:pag

cc: The Honorable George Clark, Houston County Executive
Mr. Gary Copperage, Houston County Solid Waste Director,
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Mike Stooksberry, UT-CTAS
Mr. Greg Edrington, Consultant, Higers, Koonce & Associates
Mr. Charles Jobe,, EC, Nashville Environmental Assistance Center

Routing Page
Solid Waste Planning Region
5 - YR Update

Planning Region: Houston 42

Clerk

Note: Send one original copy of the report to the permanent file. If the planning region did not provide two copies of the report, then make a working copy and send the original to the permanent file.

1. Write in the name of the person completing this report Mr. Greg Edrington
a "cc" for all letters sent to the chairperson.

2. (may be attached as a separate list):
Was a list of board members provided? Yes No
*If yes, continue to question four and verify the term of each member is current.
If no, skip question and go directly to question.*

3. Was the term of each member current? Yes No
Continue to question.

4. See page 14:
Did the chairperson of the board sign and date the report? Yes No
Continue to question.

5. See page 14:
Did the county executive, (each local Government body) sign and date the report? Yes No
Continue to question.

6. Which reviewer was assigned to this report? Wayne Bob
7. *Continue to question.*

8. On what date was the report sent to the reviewer? 01/27/03
Continue to question.

9. What is the deadline for the review (i.e., 90 working days from received stamp)? 04/23/03
Attach routing page to the report and give it to the reviewer.

Note: The letter will be addressed to the chairperson. The cc list will include the County Executive, Development District Director, person who prepared the report, and the CTAS contact. Modify (with date, names, cc, etc.) and print the letter entitled "5YrUpdtnmrg." and give letter to Linda Rigby for Ron Graham's signature. After letter is signed, Linda copies the letter for the cc list and one for the file. Linda then mails the letters and sends a copy of the letter to Patty to be placed in the permanent file.

Reviewer

Date review is complete _____ Reviewer's initials _____
Log-in completion date and give working copy of report to Bob. Leave original copy in the permanent file.



HOUSTON COUNTY COURTHOUSE
ERIN, TENNESSEE 37061

George E. Clark
Executive

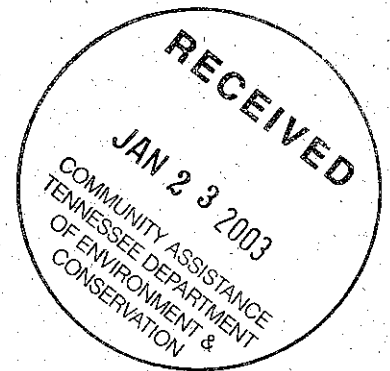
Telephone: (931) 289-3633

January 22, 2003

File No. 0130-07

Mr. Louis Bordenave
Tennessee Department of Environment and Conservation
Division of Community Assistance
401 Church Street, L & C Tower, 8th Floor
Nashville, Tennessee 37243-1533

**RE: HOUSTON COUNTY ⁴²
MUNICIPAL SOLID WASTE REGIONAL PLAN
FIVE YEAR UPDATE**



Dear Mr. Bordenave:

Enclosed are two executed copies of the Five Year Update to the Municipal Solid Waste Regional Plan that was due on October 8, 2001. This report has been delayed due to discussions concerning changes in the existing solid waste funding mechanisms and a change in the county's administration through elections in the fall of 2002.

The County is presently funding the costs of the solid waste program through property taxes and will continue to do so until the finance committee can investigate other options. Operation of the region's convenience center and waste transfer to the Bi-County Landfill is being transferred from outside contractor to county personnel and equipment has been purchased to contain and transport the waste that is collected.

The submittal and acceptance of this report should return the region to a state of compliance with the solid waste regulations and allow the region to receive funds applied for by the region and being held by the state for reimbursement.

If you have any questions or comments concerning this report feel free to contact me at (931) 289-3633. Thank you for your consideration in this matter.

Sincerely,

George E. Clark, County Executive
Enclosures (2)

Cc: Greg Edrington, HKA
Phil Armour, GNRC

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 1-3-03

TO: File

FROM: BAK

SUBJECT: Houston - 5 Yr. Update

Call from Greg Edrington (Highway Room). He needs "Sample Budget Form" for 5-yr Update Guidelines. My computer is down so I had Lori Luster send it by e-mail.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
L & C Tower-8th Floor
401 Church Street
Nashville, Tennessee 37243-1533

October 22, 2002

The Honorable George Clark
Houston County Executive
PO Box 366
Erin, TN 37061

Dear Mr. Clark:

Thank you for the courtesies extended us during our recent visit to your office. We appreciate your taking time from your schedule to meet with us and to review the Houston County Municipal Solid Waste Program and we look forward to receiving the information pertaining to the solid waste management reports, which was discussed.

In the meantime, if we may be of assistance to you or to the planning region board, please contact us at the Division of Community Assistance.

Sincerely,

(Ms) Lori LeMaster
Planning, Reporting, and Waste Reduction
(615) 532-0744
lori.lemaster@state.tn.us

Bob Knight
Planning, Reporting, and Waste Reduction
(615) 532-0082
bob.knight@state.tn.us

cc: Mr. Daryll Kingsmill, Chairman, Houston County MSW Planning Board
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Mike Stooksberry, UT-CTAS
Mr. Greg Edrington, Consultant, Highers, Koonce & Associates
Mr. Charles Jobe, EC, Nashville Environmental Assistance Center

Bob Knight - Trip to Houston Co. re: 2000 & 2001 APRs and Five-Year Update

From: Bob Knight
To: Bordenave, Louis; Dunlap, Joyce; LeMaster, Lori
Subject: Trip to Houston Co. re: 2000 & 2001 APRs and Five-Year Update

Lori LeMaster and Bob Knight traveled to Houston County 10/11/02 and met with new county executive, George Clark, Phil Armor with the Greater Nashville Regional Council, and Greg Edrington, consultant with Highers, Koonce & Associates. Mr. Clark was given a copy of the 2000 APR file, and copies of letters written re: the Five-Year Update and the 2001 APR, neither of which have been submitted as of this date. Mr. Clark was also given a copy of both the 2000 & 2001 APR guideline and the Five-Year Update guideline. As expected, Mr. Clark took advantage of the fact that he has been back in office only a few weeks. He stated that he intends to bring these reports current; however, it will take him some time to do so. He was advised that 'loss of eligibility' and 'commissioner's warning' letters would be issued by the department within the next few days. Mr. Clark enlisted the aid of Messrs. Armor and Edrington to complete these reports ASAP.

Mr. Clark advised that the county has no solid waste director, contrary to information listed in the 2000 APR. We visited the one (1) convenience center; which is located at the landfill site and is operated as a transfer center. The hours of operation are being extended from 7am to 7pm, seven days per week in the very near future. And, recycling efforts will be expanded, provided markets can be located. Mr. Clark was given details about RMCT and advised that they would be happy to assist him with his materials marketing. He kept comparing Houston Co. to much larger counties, stating that he cannot have the kind of recycling programs that they have. He was reminded that Houston can have the same type of programs, of course, on a somewhat smaller scale.

When questioned about the Planning Board membership, Mr. Clark stated that only one or two of the members listed in the 2000 APR are interested in participating. He did not sound as though the chairman was even aware of what was going on. Apparently this board has not met in recent times! Mr. Clark was advised of the requirements of the SWA regarding board membership.

Negotiations between the previous county executive (Jimmy Smith) and the M-R-S Region re; Houston's possibly joining with the M-R-S Region appear to be dead. Mr. Clark appears to favor remaining a single-county region. He also does not plan to contract with Bi-County to pick up and haul Houston's MSW. He stated his feelings that Houston could purchase a truck and haul the waste at a cost lower than a contract rate. Houston County's Class I landfill has been closed, however, Mr. Clark mentioned his interest in possibly developing a Class III-IV facility at some future date.

It was re-emphasized that DCA, CTAS, RMCT, and the development district are available to assist Houston County with its solid waste needs, programs, and reporting.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1533

CERTIFIED MAIL 7002 0510 0002 3353 0465

October 17, 2002

The Honorable George Clark
Houston County Executive
PO Box 366
Erin, TN 37061

RE: Loss of State Funding Eligibility/Five-Year Update to Region Solid Waste Plan

Dear Mr. Clark:

On June 10, 2002, your office was sent a Commissioner's warning letter that the Department of Environment and Conservation had not received the Five-Year Update to the Municipal Solid Waste Regional Plan for the Houston Co. Municipal Solid Waste Planning Region. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (2)] requires that these plans be revised every five years after the plan's initial approval. The Region's plan update was due to be received by the Division of Community Assistance on October 7, 2001. When the solid waste region planning board fails to comply with provisions of the Act, the county represented by the solid waste planning region board is in non-compliance and is subject to loss of funds and civil penalties [T.C.A. 68-211-816(a)].

Houston County is no longer eligible for funding from the Solid Waste Management Fund as stated in [T.C.A. 68-211-816 (a) (2)]. To end this non-compliance with provisions of the Act, the Houston County Solid Waste Planning Region Board or Houston County must submit the plan update within 90 days of receipt of this letter. If the region or county fails to submit the plan within one hundred eighty (180) days from the date of the Commissioner's warning letter, June 10, 2002, additional sanctions may be imposed in accordance with [T.C.A. 68-211-816 (a) (3)]. Staffs from the development district and the University of Tennessee County Technical Assistance Service (UT-CTAS) are available to provide any assistance you may need to complete the plan update.

If you need additional information, please contact Louis Bordenave with the Division of Community Assistance, at 615-532-0095 or louis.bordenave@state.tn.us

Sincerely,

Ron L. Graham
Director

RLG:LLB:bk

cc: Mr. Daryll Kingmill, Chairman, Houston County MSW Planning Board
Mr. Mike Stooksberry, UT-CTAS
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Greg Edrington, Consultant, Highers, Koonce & Associates
Mr. Charles Jobe, EC, Nashville Environmental Assistance Center



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, Tennessee 37243-1533

CERTIFIED MAIL 7002 0510 0002 3353 0472

October 17, 2002

Mr. Darrell Kingsmill, Chairman
Houston Co. Municipal SW Planning Region
Court Square Center
Erin, TN 37061

RE: Loss of State Funding Eligibility/Five-Year Update to Region Solid Waste Plan

Dear Mr. Kingsmill:

On June 10, 2002, you were sent a Commissioner's warning letter that the Department of Environment and Conservation had not received the Five-Year Update to the Municipal Solid Waste Regional Plan for the Houston Co. Municipal Solid Waste Planning Region. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (2)] requires that these plans be revised every five years after the plan's initial approval. The Region's plan update was due to be received by the Division of Community Assistance on October 7, 2001. When the solid waste region planning board fails to comply with provisions of the Act, the county represented by the solid waste planning region board is in non-compliance and is subject to loss of funds and civil penalties [T.C.A. 68-211-816(a)].

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If you need additional information, please contact Louis Bordenave with the Division of Community Assistance, at 615-532-0095 or louis.bordenave@state.tn.us

Sincerely,

Ron L. Graham

Ron L. Graham
Director

RLG:LLB:bk

cc: The Honorable George Clark, Houston County Executive

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 10-9-02
 TO: File
 FROM: B.K.
 SUBJECT: Houston Co. - 2000 + 2001 APR's
 5-Year Update

Spoke w/ new cr. wll. George Wash who wants to catch up w/ past due reports; however, he needs time to comply. We agreed to meet Friday, 10/11 at 10:00, in his office. I agreed to provide him with copies of the 2000 APR. (the 2001 APR + 5-yr Update have not been rec'd.) + correspondence sent out.

Spoke w/ Phil Brown (GNRR) today + he agreed to work w/ Houston to get issues resolved.

Called Mike Stobbsbery (CTAS) in re the current status + asked for his help in getting these reports current.

TO	DATE

~~TELEPHONE/MEETING RECORD~~

Memo

DATE: 8/8/02

TO: File

FROM: B.K.

SUBJECT: Houston - Firm Year Update

Outgoing Commission's warning letters were sent to Co. exec. Jim Smith, + Johnny Brock Olson, Donald Kingmill, on 5/2/02. Mr. Kingmill accepted his letter on 5/10; however, Mr. Smith did not accept his & it was returned to this office.

A subsequent letter was sent to Mr. Smith on 6/10/02, which he accepted on 7/8/02. Thirty days from receipt will put the deadline at 10/8/02.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL #7002 0510 0002 3353 0298

June 10, 2002

The Honorable Jim Smith
Houston County Executive
Houston County Courthouse
PO Box 366
Erin, TN 37061

RE: Failure to Submit Municipal Solid Waste Regional Plan Five-Year Update


Dear Mr. Smith:

The Department of Environment and Conservation has not received the Solid Waste Planning Region's Five-Year Plan Update for Houston County. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (a)(2)] requires that the plan be revised every five years after the plan's initial approval. The Houston County plan update was due to be received by the Division of Community Assistance on October 8, 2001. When the solid waste region planning board for the county fails to comply with provisions of the Act, the county represented by the solid waste planning region board is in non-compliance and is subject to loss of funds and civil penalties [T.C.A. 68-211-816(a)].

To end this non-compliance with provisions of the Act, the Houston County Solid Waste Planning Region Board or Houston County must submit the plan update within 90 days of receipt of this letter. If the plan update is not received, the Houston County Solid Waste Region, and Houston County will lose eligibility for funds from the Solid Waste Management Fund [T.C.A. 68-211-816 (a)(2)]. If non-compliance continues, additional sanctions may follow [T.C.A. 68-211-816 (a)(3)].

I am certain that Houston County and the Houston County Solid Waste Planning Region will give these issues the serious consideration that is warranted. Staff from the Greater Nashville Regional Council and the University of Tennessee County Technical Assistance Service is available to assist Houston County to complete the plan update. If you need additional information, please contact Louis Bordenave with the Division of Community Assistance at 615-532-0095.

Sincerely,



Milton H. Hamilton, Jr.

MHH:RLG:LB:lr



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

DON SUNDQUIST
GOVERNOR

CERTIFIED MAIL #P800 251 034

May 2, 2002

The Honorable Jim Smith
Houston County Executive
Houston County Courthouse
PO Box 366
Erin, TN 37061



RE: Failure to Submit Municipal Solid Waste Regional Plan Five-Year Update

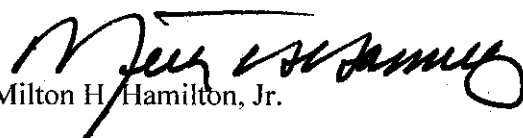
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Sincerely,


Milton H. Hamilton, Jr.

MHH:RLG:LB:lr

Mr. Darrell Kingsmill

May 2, 2002

Page 2

Cc: Mr. Darrell Kingsmill, Chairman, Houston Co. MSW Planning Region Board
Mr. Allen Wright, Houston Co. Solid Waste Director
Mr. Mike Stooksberry, UT-CTAS
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Charles Jobe, EC, Nashville Environmental Assistance Center



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL #P800 251 034

May 2, 2002

The Honorable Jim Smith
Houston County Executive
Houston County Courthouse
PO Box 366
Erin, TN 37061

RE: Failure to Submit Municipal Solid Waste Regional Plan Five-Year Update

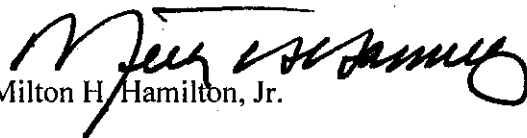
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Sincerely,


Milton H. Hamilton, Jr.

MHH:RLG:LB:lr



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL #P800 251 035

May 2, 2002

Mr. Darrell Kingsmill, Chairman
Houston County MSAW Planning Region
Court Square Center
Erin, TN 37061

RE: Failure to Submit Municipal Solid Waste Regional Plan Five-Year Update

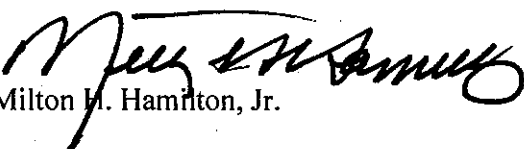
Dear Chairman Kingsmill:

The Department of Environment and Conservation has not received the Solid Waste Planning Region's Five-Year Plan Update for Houston County. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (a)(2)] requires that the plan be revised every five years after the plan's initial approval. The Houston County plan update was due to be received by the Division of Community Assistance on October 8, 2001. When the solid waste region planning board for the county fails to comply with provisions of the Act, the county represented by the solid waste planning region board is in non-compliance and is subject to loss of funds and civil penalties [T.C.A. 68-211-816(a)].

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Sincerely,


Milton H. Hamilton, Jr.

MHH:RLG:LB:lr

Cc: The Honorable Jim Smith, Houston County Executive

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 5-7-02

TO: File

FROM: BTK

SUBJECT: Houston MSW Region — 2000 APR
 — 2001 APR
 — Five-Year Update

Phoned Houston Co. Exec Jimmy Smith today. He promised a response to my 4/24/02 comments on the 2000 APR mfr about 5/14.

He is working of Mike Strohbehn (CTPS) on the 2001 APR + expects to have it completed by 5/20.

He has a consultant working on the five-year update and expects it to be ready for mail on 5/30.

Mr. Smith says his secretary left and he is having to train a new one. He has gotten behind with these and other reports.

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 5-7-02

TO: File

FROM: BAK.

SUBJECT: Houston MSW Regim - 2000 APR
 - 2001 APR
 - Five-Year Update

Phoned Houston Co. Exec Jimmy Smith today. He promised a response to my prior comments on the 2000 APR m/r about 5/14.

He is working w/ Mike Atcherson (CTPS) on the 2001 APR + expects to have it completed by 5/20.

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Mr. Smith says his secretary left and he is having to train a new one. He has gotten behind with these and other reports.

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 11/16/01

TO: file

FROM: RRG

SUBJECT: Phone Conversation w/ Phil Armor Re: Houston County
5-yr Update

Update late. County working on contract to join w/ Bi-County (Montgomery-Robertson)

SWR Board met last night w/o quorum so update not approved.

County Commission meets mon. - not again for 3 months.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL

November 5, 2001

Mr. Darrell Kingsmill
Chairman, Houston Co. Municipal SW Planning Region
Court Square Center
Erin, Tennessee 37061

RE: Five-Year Update to Ten-Year Solid Waste Plan

Dear Mr. Kingsmill:

The Department of Environment and Conservation has not received the Solid Waste Planning Region Five-Year Update Report for the Houston County Solid Waste Planning Region. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (2)] requires that these reports be revised every five years after the plan's initial approval. The Houston County report was due to the Division of Community Assistance on October 8, 2001.

The Region must submit the required report within 90 days of receipt of this letter. Otherwise, the region and jurisdiction(s) within the region may lose eligibility for grants from the Solid Waste Management Fund. If non-compliance continues, additional sanctions may follow [T.C.A. 68-211-816].

I am certain that the Houston County Solid Waste Planning Region will give these issues the serious consideration that is warranted. If you need additional information, please contact Louis Bordenave with the Division of Community Assistance, at 615-532-0095.

Sincerely,

Milton H. Hamilton, Jr.

MHH:RLG:RPG

Cc: The Honorable Jim Smith, Houston County Executive
Mr. Allen B. Wright, Houston County Solid Waste Director
Mr. Phil Armor, Greater Nashville Regional Council
Mr. Mike Stooksberry, CTAS-WT



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Community Assistance
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37243-0455

July 20, 2001

Mr. Darrell Kingsmill
Chairman, Houston County Municipal Solid Waste Planning Region 42
Court Square Center
Erin, Tennessee 37061

RE: Five-year Update to Ten-year Solid Waste Plan
Houston County Solid Waste Region
Region Member: Houston
Update Due — October 8, 2001

Dear Mr. Kingsmill:

As you are aware, the Solid Waste Management Act of 1991 requires the Solid Waste Regions to plan, monitor, and report on solid waste activities. One of the requirements of this legislation was for each region to prepare a Ten-year Solid Waste Management Plan. The legislation also requires that Five-year updates to those plans be prepared and submitted to the state for review. The Houston County Region's Ten-year plan was approved on October 8, 1996; therefore, your Five-year Update is due to this office by **October 8, 2001**. Please note that the Update is expected to consider the next Ten-year planning horizon, and will become your current Ten-year Plan upon approval by this office.

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment was due by September 30, 1992; with revisions due by April 1, 1999 and every five years after that. The Solid Waste Needs Assessment for the counties and municipalities within your region was received on March 31, 1999. Please contact Mr. Phil Armor with the Greater Nashville Regional Council to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

The Five-year update to your Ten-year Solid Waste Management Plan is an important tool for your Region. If you have any questions, please do not hesitate to contact me at 615-532-0744.

Sincerely,

Becky Gorham
Planning, Reporting and Waste Reduction

C: The Honorable Jim Smith, Houston County Executive
Mr. Phil Armor, Greater Nashville Regional Council
Houston County Solid Waste Director
Mr. Mike Stooksberry, Solid Waste Management Consultant
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center