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LETTER OF TRANSMITTAL

TN SOLID WASTE ASSISTANCE

Please forward the attached REGIONAL SOLID WASTE PLAN to the following address:

Tennessee Department of Environment & Conservation
Division of Solid Waste Assistance
14th Floor - L & C Tower
401 Church Street
Nashville, Tennessee 37243-0455

Name of Solid Waste Region:

Pickett County Municipal Solid
Waste Planning Region

Name of Counties in Solid Waste Region:

Pickett

Contact Person regarding Regional Solid Waste Plan:

Name: Ronnie Tompkins

Address: 699 Tompkins Lane Monroe TN 38573

Phone: (615) 823-5008

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TN SOLID WASTE ASSISTANCE

September 17, 1996

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IN SOLID WASTE ASSISTANCE

RRD 9/20/96
Tennessee Department of Environment and Conservation
Division of Solid Waste Assistance
14th Floor L and C Tower
401 Church Street
Nashville, Tennessee 37243-0455

In response to your certified letter dated September 9, 1996, attached you will find the Revised Pickett County Municipal Solid Waste Ten year Plan. This revision has incorporated all of the suggested changes that were pointed out to our board by your review and communicated to us by certified letter dated October 27, 1994.

Hopefully these changes and now our plan will meet with your approval. We do sincerely apologize for the delay. Our board's problems has been a lack of communication between state and local entities. We feel these problems have been solved by opening new communication channels for future correspondence.

Please notify me directly at my home address of any need for further action,
My address is
Ronnie Tompkins
699 Tompkins Lane
Monroe, Tennessee 38573

Sincerely,

Ronnie Tompkins

Ronnie Tompkins
Chairman Pickett County
Solid Waste Board

**10 YEAR - COMPREHENSIVE
SOLID WASTE PLAN**

June 1994 - June 2003

for

PICKETT COUNTY, TENNESSEE



JAMES C. HAILEY & COMPANY
Consulting Engineers
P.O. Box 148059
2622 Old Lebanon Road, Suite 200
Nashville, Tennessee 37214
(615) 883-4933

PICKETT COUNTY
10-YEAR COMPREHENSIVE SOLID WASTE PLAN

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10-YEAR COMPREHENSIVE SOLID WASTE PLAN

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PICKETT COUNTY

10-YEAR COMPREHENSIVE SOLID WASTE PLAN

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CHAPTER I

DESCRIPTION OF THE MUNICIPAL

SOLID WASTE REGION

A. **GENERAL DESCRIPTION**

Pickett County has elected to assemble a 10-year comprehensive solid waste plan as a single county region. Therefore, the regional boundaries will include all of Pickett County. Pickett County is bounded on the east by Scott County, on the south by Fentress and Overton Counties on the west by Overton and Clay Counties, and on the north by the Kentucky counties of Clinton and Wayne. The County contains about 162.9 square miles. Byrdstown, the County seat of Pickett County, is located in the northeastern section of Middle Tennessee. It is within and near the eastern border of the Highland Rim. Byrdstown is located six (6) miles south of the Kentucky-Tennessee border and is also located approximately ninety six (96) miles northeast of Nashville, eighty (80) miles northwest of Knoxville and about forty two (42) miles northeast of Cookeville. It is located in the Upper Cumberland Development District.

Byrdstown comprises a population of 998 residents according to the 1990 census. The County-wide population is 4,548, also according to the 1990 census. Pickett County currently has the lowest population of all the counties in Tennessee. Because of the hilly topography, Pickett County has been an isolated small County in Tennessee. Generally, the County's residents rely on small farming, light manufacturing (generally in the apparel industry), the lumber industry, and/or tourism along Dale Hollow Lake for most of the employment opportunities.

B. RATIONALE FOR REGION FORMATION

After the formation of solid waste planning regions in December of 1992, Pickett County held meetings with each County assigned to their region to discuss the proposed 10-year comprehensive solid waste plan. It was the general consensus of all Counties involved to formulate single County regions, therefore, Pickett County failed to adopt a multi-county region.

C. INSTITUTIONAL STRUCTURE

The Pickett County Solid Waste Board is made up of five (5) individuals appointed by the County Commission. A chairman, vice-chairman and secretary/treasurer have been elected to serve on this Board. The sole purpose of the Solid Waste Board is to assemble a 10-year Comprehensive Solid Waste Plan, as required by the Solid Waste Management Act of 1991 for submission and approval of the Pickett County Commission Landfill Committee. In addition to the Solid Waste Board, there is a five (5) member Advisory Committee made up of individuals from different areas of Pickett County. The role of the Advisory Committee is to counsel the Solid Waste Board as to the needs and concerns of their particular area. Also, the Advisory Committee relays the information provided in the plan and discussed in Board meetings to the citizens in their area(s). The public is also welcome to all Solid Waste Board meetings and all meetings are open discussion.

Pickett County publishes the date and time of all Board meetings in the Pickett County Press so all citizens are aware of each meeting's time, date and location.

D. **DEMOGRAPHICS**

The current 1993 population of Pickett County, according to the U.S. Census Bureau population projections is 4,595 people, therefore, the average population density calculates to be 28.2 people per square mile. Tables I-1 through I-3 displays a breakdown of the 1990 census population of Pickett County based on sex and age, education and type of housing and occupancy. Table I-4 presents the yearly projected population through the year 2003.

TABLE I - 1

PICKETT COUNTY

DISTRIBUTION OF COUNTY POPULATION BY SEX AND AGE *

<u>AGE</u>	<u>TOTAL</u>	<u>MALE</u>	<u>PERCENT</u>	<u>FEMALE</u>	<u>PERCENT</u>
0 - 4	294	139	47.3	155	52.7
5 - 17	823	409	49.7	414	50.3
18 - 44	1,601	820	51.2	781	48.8
45 - 64	1,057	528	50.0	529	50.0
65+	773	327	42.3	446	57.7
	-----	-----	-----	-----	-----
COUNTY TOTAL	4,548	2,223	48.9	2,325	51.1

* Based on 1,786 Households in Pickett County

TABLE I - 2

PICKETT COUNTY

DISTRIBUTION OF COUNTY POPULATION BY EDUCATION *

(AGE > 25 YEARS OLD)

	<u>NUMBER</u>	<u>PERCENT</u>
Less than 8th Grade	1,161	38.0
Grade 8	N/A	N/A
High School (1 - 4)	1,401	45.9
College (1 - 4)	378	12.4
Post Graduate/Professional	115	3.7
	-----	-----
COUNTY TOTAL	3,055	100.00

* Based on 1,786 Households in Pickett County

TABLE I - 3

PICKETT COUNTY

DISTRIBUTION OF COUNTY POPULATION

BY TYPE OF HOUSING & OCCUPANCY

	<u>TOTAL PERSONS</u>	<u>OCCUPIED</u>	<u>OWNER</u>	<u>RENTED</u>
<u>Single Family</u>				
1. Detached	3,473	3,473	2,913	560
2. Attached	16	16	12	4
<u>Multi-Family</u>				
2	62	62	3	59
3-4	20	20	3	17
5-9	95	95	2	93
10-19	32	32	2	30
20-49	0	0	0	0
Institutional	54	N/A	N/A	N/A
Mobile Home/ Trailer	744	744	620	124
Other	52	52	27	25

TABLE I - 4**PICKETT COUNTY****POPULATION PROJECTIONS (1991 - 2003)**

<u>YEAR</u>	<u>POPULATION PROJECTION</u>	<u>CHANGE</u>	
		<u>NUMBER</u>	<u>PERCENT</u>
1991 (BASE YEAR)	4,564	0	0.0
1992	4,580	16	0.4
1993	4,595	31	0.7
1994	4,611	47	1.0
1995	4,627	63	1.4
1996	4,643	79	1.7
1997	4,659	95	2.1
1998	4,675	111	2.4
1999	4,691	127	2.8
2000	4,707	143	3.1
2001	4,714	150	3.3
2002	4,730	166	3.6
2003	4,734	170	3.7

As shown in Table I-4, Pickett County is projected to grow only slightly over the next ten (10) years. Therefore, demographic factors are not likely to have a significant impact on solid waste consideration. However, retirement and the lake related developments around Dale Hollow Lake may become an important factor if they proceed at a faster rate than anticipated and need to be watched closely and evaluated on an annual basis.

E. **ECONOMIC ACTIVITY**

This section of the Comprehensive Solid Waste Plan is intended to provide an overview of Pickett County's economy. Economic indicators are selected that may affect future economic activity, waste operation or waste reduction projections. A County profile as provided by the District Needs Assessment prepared by the Upper Cumberland Development District for Pickett County is as follows:

COUNTY PROFILE

1.	Name of County:	Pickett
2.	Population:	4,548
3.	Is the County in a MSA:	No
4.	Which One:	N/A
5.	Is the County contiguous to an MSA:	No
6.	Which One:	N/A
7.	Is there one or more interstate highway(s) traversing the County:	No
8.	Which One(s):	N/A
9.	Total Interstate Miles in County:	- 0 -
10.	Total Highway Miles in the County other than Interstate:	
	U.S. Primary Highways	21.67 miles
	U.S. Secondary Highways	0.00 miles
	State Highways	23.84 miles
	County Roads	196.49 miles
11.	Number of commercial/general airports in the County:	- 0 -
12.	Number of major waterways and ports in County cable of supporting barge transports:	- 0 -
13.	Number of rail routes and terminals in County:	- 0 -
14.	Total employment in the County	2,024
15.	Total Earnings:	\$22,416,000

16. Average Per Capita Income \$ 8,645
17. What percent of this is the average State per capita income: 54.8%
18. What percent of this is the average U.S. per capita income: 45.9%
19. What percent of the total population is officially below the U.S. poverty line: 24.9%
20. Is the County one of Tennessee's persistent poverty County: Yes
21. Describe the overall distribution of non-agriculture employment, by sector, for the County:

TABLE I - 5

PICKETT COUNTY

DISTRIBUTION OF EMPLOYMENT

NON-AGRICULTURAL

BY SECTOR

<u>Sector</u>	<u>Number Employed</u>	<u>Percent</u>
Manufacturing	682	45.7
Construction	52	3.5
Trade	247	16.6
Finance, Insurance, Real Estate	42	2.8
Services	180	12.1
Transportation, Communications, Public Utilities	43	2.9
Government	235	15.8
TOTALS	1,492	100.00

22. What is the total agricultural employment: 518

23. List major employers in the County including both private and public entities, which generate commercial solid waste or non-hazardous industrial wastes.

<u>Employer</u>	<u>Private</u>	<u>Public</u>
Osh Kosh B'Gosh	X	
DNT	X	
Dale Hollow Apparel	X	
Da-Low	X	
Kar dol	X	
Bluegrass Cooperage	X	
Cooks Manufacturing	X	
Mullins Lumber Co.		
Storco Manufacturing	X	

24. List major institutions (e.g. colleges, penal institutions, group homes, etc.) housing more than 100 persons: N/A

25. List major health care facilities (hospitals, nursing homes, etc.) with more than 50 beds:

TABLE I - 6

PICKETT COUNTY

MAJOR HEALTH CARE FACILITIES

<u>Facility</u>	<u>Location</u>	<u>No. of of Beds</u>	<u>Estimated Quantity of Solid Waste</u>	<u>Infectious Waste Mgt Onsite / Method of Offsite Treatment</u>
Pickett Co. Nursing Home	Byrdstown	63		Offsite
26.	What is the total appraised property value in 1990:			\$25,378,478
27.	Date of last appraisal			1990
28.	Property tax rates:			\$3.44
29.	Total revenues from property tax in 1990:			\$572,000
30.	Provide the same information for any municipality within the County with >1,000 people, or any special utility district:			N/A

For the Year 1991:

31.	What were the total sales subject to sales tax:	\$14,332,186
32.	What was the County sales tax rate:	8.25%
33.	Total County sales tax revenue:	\$179,923
34.	Does the County levy a wheel tax:	No
35.	Wheel Tax Rate per Vehicle:	N/A
36.	Total Wheel Tax revenue for 1991:	N/A

Solid Waste Management Sources of Revenue:

How are public solid waste collection, transportation, treatment and disposal services funded:

37. By the County:

	<u>Amount</u>	<u>Percent</u>
Percentage of Property Tax	\$0.61	17.7%

The Tennessee Department of Transportation is in the process of making major improvements to Highway 42 from the southern County line north to Byrdstown. Upon completion of the project in 1997 there will be a major highway connecting Byrdstown and Interstate 40 to the south and the Kentucky state line to the north. This major trucking route could increase industrial development in Pickett County which, in turn could affect the volume of solid waste requiring disposal. This will be addressed annually and revised as necessary in this plan.

CHAPTER II

ANALYSIS OF CURRENT SOLID

WASTE MANAGEMENT SYSTEM

A. **CHARACTERIZATION OF THE WASTE STREAM**

The intent of this chapter of the plan is to determine the current quantity of solid waste generated in Pickett County and to identify its sources by jurisdiction and by sector. It will also provide preliminary information about waste composition and variability.

The data collected is for the calendar year 1991 based on accurate written records kept by operators for July 1 through December 31. Quantity has been reported in tons using the conversion factor of 4 cubic yards = 1 ton. The assessment remained consistent with the County. For the calendar year 1991 the estimated quantity of waste received by Pickett County totaled 1,076 tons. Table II-1 shows the distribution of solid waste by source.

TABLE II - 1

<u>SOURCE</u>	<u>QUANTITY (TONS/YEAR)</u>	<u>% OF TOTAL</u>
Residential	538	50
Commercial/ Institutional	108	10
Non-Hazardous Industrial	430	40

Table II-2 displays the composition of the solid waste by material.

TABLE II - 2

<u>WASTE CATEGORY</u>	<u>NATIONAL % *</u>	<u>CALCULATED TONS</u>
Paper & Paperboard	40.0	430
Glass	7.0	76
Ferrous Metals	6.5	70
Aluminum	1.4	15
Other Non-ferrous Metals	0.6	6
Plastics	8.0	86
Rubber & Leather	2.5	27
Textiles	2.1	23
Wood	3.6	39
Food Waste	7.4	80
Yard Waste	17.6	189
Misc. Inorganic Waste	1.5	16
Other	1.7	18
TOTAL MUNICIPAL SOLID WASTE	100.0	1,076

* **Comprehensive studies have not been done in the Upper Cumberland Region in recent years. Therefore, the national projections are assumed to represent the county waste composition percentages.**

During the summer months, Memorial Day through Labor Day, the production of solid waste increases significantly due to tourism at Dale Hollow Lake. The County currently provides green boxes at specific areas around the lake. During the months of July, August and September 1993, when tourism is at a peak, Pickett County had reported 199, 188, and 223 tons, respectively. During the off season months of October, November and December 1993, Pickett County landfill reported 150, 105 and 94 tons, respectively. All weights are actual weights from scale readings at the landfill.

B. **WASTE COLLECTION AND TRANSPORT SYSTEMS**

The intent of this section is to carry out a complete inventory of all collection services operating within Pickett County. The inventory will identify overlaps and unserved areas. It will begin to define existing transportation patterns and provide basic information for long range decisions about routing so that all residents of Pickett County will have access to some type of solid waste collection.

Presently, neither Pickett County nor the City of Byrdstown provide any form of collection service, however, all households and businesses of Pickett County have access to a private hauler. It is estimated that ninety percent (90%) of all households and businesses currently contract with a private hauler.

The remaining ten percent (10%) have the option to dispose of their waste directly in the Pickett County Landfill or use the green boxes scattered around Dale Hollow Lake or Pickett State Park. A list of all of the private haulers operating in Pickett County and the estimated volume of waste disposed of in the Pickett County Landfill per year are as follows:

<u>HAULER</u>	<u>VOLUME (TONS/YEAR)</u>
HLR-69-000-0977 LARRY ANDERSON ROUTE 2, BOX 137A BYRDSTOWN, TN 38549	12
HLR-69-000-0978 LARRY BROWN ROUTE 2, BOX 142 BYRDSTOWN, TN 38549	120
HLR-69-000-0983 SUTTON SHIRT CORP. HOLLIS SMITH 214 SOUTH MAIN BYRDSTOWN, TN 38549	573
HLR-69-000-0984 C. B. STEPHENSON, JR. P. O. BOX 311 BYRDSTOWN, TN 38549	70
HLR-69-000-0985 CHARLES PHILLIPS 506 CEDAR AVENUE BYRDSTOWN, TN 38549	360

Figure 2 is a copy of a survey that was mailed to each registered private hauler in Pickett County. Responses were minimal. Additional efforts will be made to contact these haulers as part of the assessment follow-up.

PRIVATE HAULER SURVEY

a. Name: _____ No. of Households: _____
 Address: _____ No. of Businesses: _____

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards _____	31-40 _____	
5-15 cubic yards _____	> 40 _____	
16-24 cubic yards _____		compartmentalized truck with recycling bins _____
25-30 cubic yards _____		trailer for recyclables _____

c. How many routes? * _____

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	_____	_____	_____
Route #2	_____	_____	_____
Route #3	_____	_____	_____

e. How often is waste collected? _____

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	_____	_____	_____
Winter Months	_____	_____	_____

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

* Please circle areas served on the attached County map along with route numbers.

PRIVATE HAULER SURVEY

a. Name: C.B. Stephenson, Jr. No. of Households: 62
 Address: P.O. Box 311 (Beason Rd.) No. of Businesses: 4
Byrdstown, TN 38549

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards	<u>1</u>		31-40	
5-15 cubic yards			> 40	
16-24 cubic yards			compartmentalized truck with recycling bins	
25-30 cubic yards			trailer for recyclables	

c. How many routes? * 2

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	<u>28</u>	<u>3</u>	<u>0</u>
Route #2	<u>34</u>	<u>1</u>	<u>0</u>
Route #3			

e. How often is waste collected? Every 2 wks.

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	<u>approx. 4</u>	<u>approx. .5</u>	<u>0</u>
Winter Months	<u>approx. 4</u>	<u>approx. .5</u>	<u>0</u>

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

* Please circle areas served on the attached County map along with route numbers.

Figure 2

PRIVATE HAULER SURVEY

a. Name: Larry Anderson No. of Households: 160
 Address: 3279 Anderson Rd. No. of Businesses: 20
Byrdstown, TN 38549

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards _____	31-40 _____	
5-15 cubic yards <u>2</u>	> 40 _____	
16-24 cubic yards _____		compartmentalized truck with recycling bins _____
25-30 cubic yards _____		trailer for recyclables _____

c. How many routes? * 3

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	<u>48</u>	<u>20</u>	_____
Route #2	<u>57</u>	_____	_____
Route #3	<u>55</u>	_____	_____

e. How often is waste collected? weekly

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	<u>12 tons total</u>	_____	_____
Winter Months	_____	_____	_____

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

* Please circle areas served on the attached County map along with route numbers.

Figure 2

PRIVATE HAULER SURVEY

a. Name: Dale Hollow Apparel No. of Households: 0
 Address: 214 S. Main Street No. of Businesses: 1
Byrdstown TN 38549

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards _____ 31-40 1 truck
 5-15 cubic yards _____ > 40 _____
 16-24 cubic yards _____ compartmentalized truck with recycling bins _____
 25-30 cubic yards _____ trailer for recyclables _____

c. How many routes? * NA

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	_____	_____	_____
Route #2	_____	_____	_____
Route #3	_____	_____	_____

e. How often is waste collected? _____

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	_____	<u>21 TONS - Month</u>	_____
Winter Months	_____	<u>SAME</u>	_____

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

Card board - 25 ton per yr
Cloth - 150 ton per yr

* Please circle areas served on the attached County map along with route numbers.

Figure 2

PRIVATE HAULER SURVEY

a. Name: LARRY BROWN No. of Households: 110
 Address: R#2 Box 144 No. of Businesses: 22
Byrdstown, TN

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards _____	31-40 _____	
5-15 cubic yards _____	> 40 _____	
16-24 cubic yards <u>20 cu. yd. - one</u>	compartmentalized truck with recycling bins _____	
25-30 cubic yards _____	trailer for recyclables _____	

c. How many routes? * 2

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	<u>110</u>	<u>110</u>	<u>2</u>
Route #2	_____	<u>22</u>	_____
Route #3	_____	_____	_____

e. How often is waste collected? Households once a week
Business twice a week

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	<u>10</u>	<u>40</u>	<u>4</u>
Winter Months	<u>10</u>	<u>30</u>	<u>4</u>

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

* Please circle areas served on the attached County map along with route numbers.

Figure 2

PRIVATE HAULER SURVEY

a. Name: Terry Ford No. of Households: 200
 Address: RR1 Box 223 No. of Businesses: 22
Ryeclstown TN

b. List the type and number of vehicles required to register with the state as waste transporters:

> 5 cubic yards	1 Tractor	31-40
5-15 cubic yards	1 Ton Dump	> 40
16-24 cubic yards	1 Com.	compartmentalized truck with recycling bins
25-30 cubic yards		trailer for recyclables

c. How many routes? * 5

d. Approximate number of households/businesses/industries served by each route?

	<u># Households</u>	<u># Businesses</u>	<u># Industries</u>
Route #1	<u>32</u>	<u>3</u>	<u> </u>
Route #2	<u>56</u>	<u>3</u>	<u> </u>
Route #3	<u>29</u>	<u>6</u>	<u>1</u>

e. How often is waste collected? Weekly ~~48-55~~ 5-8

f. Volume of Waste:

	<u># Households</u> <u>Tons/Month</u>	<u># Businesses</u> <u>Tons/Month</u>	<u># Industries</u> <u>Tons/Month</u>
Summer Months	<u>16.</u>	<u>4000 Ton</u>	<u>5.</u>
Winter Months	<u> </u>	<u> </u>	<u> </u>

g. If waste is other than domestic household wastes, please state waste type (cardboard, cloth, etc.) and approximate volume per year.

* Please circle areas served on the attached County map along with route numbers.

Figure 2

C. **SOURCE REDUCTION AND RECYCLING SYSTEMS**

Source reduction and recycling efforts in Pickett County are just beginning to get underway. With the opening of the new recycling and compaction center at the Pickett County Landfill in October 1993, Pickett County has initiated a volunteer recycling program for glass, plastics, newsprint, cardboard, heavy metals and aluminum. The center has not been in operation long enough to compile sufficient data as to the volume of recyclables expected. This section will be revised as necessary when sufficient data becomes available. A non-profit organization called the Visions Five Group, Inc., has been formed by the County Executives in Clay, Fentress, Jackson, Overton and Pickett Counties to deal with a variety of solid waste issues. This group has established a centralized location in Overton County for all counties of the Visions Five Group, Inc. to bring in their recyclables to be sold. They have also implemented the Middle Tennessee Recycling Market Cooperative which is based at the recycling center in Overton County. The purpose of the cooperative is to locate the best market for various recyclables and to collect and store recyclables from the Visions Five counties at the base station until choice markets become available. The cooperative has chosen Mr. Andy Mitchell as their General Manager in charge of operations.

In addition to County recycling efforts at the Landfill, Pickett County has one (1) private recycling industry; Shelley's Recycling, owned and operated by Darwin Shelley in the Red Hill area of Byrdstown.

For its location, see the Regional System Map at the end of this plan. In 1990 Shelley's Recycling reported that they collected and sold 500 tons of recyclable material. This constitutes fifty one percent (51%) of the total County waste generated for the same time period. The primary recyclable collected was reported to be white goods (discarded washers, dryers, refrigerators, etc.) Currently Shelley's primary recyclable is aluminum. The majority of white goods are being taken to the Pickett County Recycling Center where they have processed approximately 25 tons of white goods since the inception of the recycling center in October of 1993. Figure 3 is a recycling survey as completed by Mr. Darwin Shelley of Shelley's Recycling. As can be seen from this survey, Shelley's Recycling removes on the average of 300 tons per year of solid waste from landfills. Of this 300 tons per year, approximately 40 percent or 120 tons is being diverted from the Pickett County landfill which is ten percent (10%) of the 1989 base year quantity of 1198 tons.

RECYCLING SURVEY

SHELLEY'S RECYCLING

1. Approximately how many tons per year have you recycled each year from 1990 to present?

1990 -	<u>500 TON</u>	
1991 -	<u>400 TON</u>	APPROX.
1992 -	<u>325 TON</u>	
1993 -	<u>250 TON.</u>	

2. List all types of materials recycled and approximate percentages of total recyclables of each type:

<u>Material Recycled</u>	<u>% of Total</u>	<u>Material Recycled</u>	<u>% of Total</u>
<u>Aluminum</u>	_____	_____	_____
<u>Copper</u>	_____	_____	_____
<u>Radiators</u>	_____	_____	_____
<u>Steel</u>	_____	_____	_____
<u>Batteries</u>	_____	_____	_____

3. From which area(s) do you receive recyclables?

- Pickett County
- Other Counties
- Other States
- Other (Please specify area if not listed above)

Albany, Ky. _____

4. Approximately what percentage of your business is from Pickett County residents?

40 Percent
60 Percent from Albany, Ky.

5. Any additional comments: (use back of page if necessary)

As stated previously, Pickett County is in the early stages of their source reduction and recycling efforts. The volunteer recycling program will be observed very closely over the next year and revised as necessary.

In addition, with the help of the Visions Five Group, Inc., TVA and the State of Tennessee, Division of Solid Waste, Pickett County plans to implement a variety of recycling education programs aimed at the general public, schools, industries, businesses, etc., with the possibility of initiating some type of mandatory household recycling program, if necessary.

D. **WASTE PROCESSING, COMPOSTING & WASTE-TO-ENERGY/INCINERATION SYSTEMS**

At the present time Pickett County does not employ any of these systems nor do they intend to operate any of the systems during the duration of this 10-year comprehensive solid waste plan.

E. **DISPOSAL FACILITIES - LANDFILLS AND BALEFILLS**

Pickett County opened their new Landfill, State Permit Number SNL 69-102-0244, in November of 1992. The Pickett County Landfill is permitted as a Class I Landfill by the State of Tennessee and is located approximately 0.7 miles east of Byrdstown, as shown on the Regional System map located at the end of this plan. Pickett County is currently contracting with Mr. Jeffery Masiongale to operate the Landfill. Mr. Masiongale's contract expires October 31, 1994 at which time Pickett County plans to continue the practice of contracting for operation of the Landfill and recycling center.

The hours of operation for the Landfill are Monday through Friday from 8:00 a.m. to 4:00 p.m. The remaining life expectancy for the Landfill is approximately 21 years, therefore, the anticipated year of closure would be 2014. The County has filed an application for grant money to install a solid waste baler at the Landfill and convert the Landfill to a balefill. This could possibly increase the life expectancy of the Landfill to forty five (45) years.

The source of the waste being recovered at the Landfill is estimated to be 50% residential, 5% commercial, 5% institutional (Schools, hospitals, jails, etc.) and 40 % industrial (non-hazardous). The Landfill also accepts small quantities of land clearing wastes, brush, leaves, grass trimmings and demolition wastes for disposal as well as scrap tires.

The capital cost for the construction of the initial phase of Trench Number 1 and the recycling and compaction center was approximately \$235,000.00, of which approximately \$142,000.00 was in the form of a Community Development Block Grant. The remaining \$93,000.00 was taken from the Pickett County Solid Waste fund. According to the 1990 District Needs Assessment the average cost per ton to dispose of waste is approximately \$26.00.

As of July 1, 1993 the Landfill has put their scales in operation and began charging a tipping fee of \$10/ton for compacted refuse, \$18/ton for loose refuse and \$36/ton for individual household waste. The Landfill receives an average of 3 to 5 tons per day of solid waste for disposal from private haulers and individuals.

F. **COSTS AND REVENUES OF THE CURRENT SYSTEM**

Table II-3 displays the Statement of Proposed Operations for the fiscal year ending June 30, 1994.

As can be seen from this proposed budget, there is expected to be a surplus of \$92,924.00. However, this budget does not take into account the closure/post closure expenses that will be required for the new landfill or the old landfill. **THE COMPLETE PROPOSED BUDGET FOR THE 10-YEAR PLANNING PERIOD IS SHOWN IN CHAPTER XI OF THIS PLAN.**

G. **PUBLIC INFORMATION PROGRAMS**

Solid waste education and recycling programs for adults and children are generally considered to be a key factor in any comprehensive solid waste management plan or system. According to the 1990 census, Pickett County has 3,431 adults and 1,117 school age children (ages 5-17). Pickett County currently sponsors a recycling program and employs Ms. Forrest Rich of TVA, Knoxville as its recycling coordinator.

Currently the County is using the Corps of Engineers and Agriculture Extension Video in some classrooms and for the County Research and Development group. In addition the Visions Five Group, Inc. is promoting a Student Solid Waste data collection program and have also provided a recycling trailer for public promotion and study.

The Pickett County Press, the local newspaper with a circulation of 1,600, publishes articles about solid waste on a routine basis. Also, WSBI, Pickett County's local radio station, reports solid waste news stories, features and public service announcements on a regular basis. It is estimated that approximately 20% of the adult population and 10% of the school age children are currently benefiting from educational programs.

Pickett County, Tennessee
 Solid Waste Disposal Fund
 Statement of Proposed Operations
 For the Fiscal Year Ending June 30, 1994

TABLE II - 3

Account No.	Description	Estimated 1993-94
	Estimated Revenues	
	LOCAL TAXES	
40000	County Property Taxes	
40100	Current Property Tax	\$153,659.00
40110	Trustee's Collection - Prior Year	1,000.00
40120	Circuit/Clerk & Master Collection -	
40130	Prior Years	500.00
40140	Interest and Penalty	150.00
	TOTAL LOCAL TAXES	<u>\$155,309.00</u>
	STATE OF TENNESSEE	
46000	General Government Grants	
46100	Solid Waste Grants	<u>\$20,000.00</u>
46170		
	TOTAL STATE OF TENNESSEE	<u>\$20,000.00</u>
	FEDERAL GOVERNMENT	
47000	Federal through State	
47100	Community Development	<u>\$67,000.00</u>
47180		
	TOTAL FEDERAL GOVERNMENT	<u>\$67,000.00</u>
	Total Estimated Revenues	<u>\$242,309.00</u>
	Estimated Expenditures	
	PUBLIC HEALTH AND WELFARE	
55000	Waste Disposal	
55750	Landfill Operation and Maintenance	
55754	Contracts with Government Agencies	\$2,000.00
309	Contracts with Private Agencies	36,000.00
312	Contracts with Vehicle Owners	600.00
315	Engineering Services	5,000.00
321	Evaluation and Testing	5,000.00
322	Explosive and Drilling Services	6,000.00
323	Licenses	2,000.00
332	Other Contracted Services	25,000.00
399	Electricity	1,800.00
415	Other Supplies and Materials	5,000.00
499	Trustee's Commission	3,000.00
510	Depreciation	10,000.00
514	Building Construction	87,000.00
706	Other Capital Outlay	<u>25,000.00</u>
799		
	TOTAL PUBLIC HEALTH AND WELFARE	<u>\$193,400.00</u>
	Total Estimated Expenditures	<u>\$193,400.00</u>
	Excess of Estimated Revenues Over (Under) Estimated Expenditures	\$48,909.00
	Estimated Beginning Fund Balance	
	- July 1	0.00
49900	Residual Equity Transfers	<u>44,015.00</u>
	Estimated Ending Fund Balance	
	- June 30	<u>\$92,924.00</u>

=====

The County, with the help of the Visions Five Group, Inc. and Ms. Forrest Rich plans to increase the percentages dramatically in the near future so that all residents of the County will be exposed to some form of solid waste and recycling education.

H. **STRENGTHS AND WEAKNESSES OF THE EXISTING SYSTEM**

1. **Solid Waste Collection and Transportation**

Pickett County primarily depends on private haulers to provide collection services and plans to continue this practice through the ten year planning period. The cost to the County for providing collection and transportation would make this alternative impossible as Pickett County is recognized as one of the poorer counties in the state and country. The minimum level of service required by the Solid Waste Management Act for Pickett County is one (1) convenience center by 1995. With the opening of the new Pickett County Landfill in November 1992, this requirement has been fulfilled. Pickett County will also continue to provide Green Boxes around Dale Hollow Lake during tourist season as well as in Pickett State Park.

Based on 1991 solid waste and population data, the County has a per capita generation rate of 0.24 tons/person/year. The expected rate for a rural community is approximately 0.80/tons/person/year. This indicates that collections will probably increase when enough accurate weighing data becomes available at the new Landfill and residents currently disposing of their waste in other counties are forced to use the Pickett County Landfill. At this time Pickett County may have to

address the possibility of installing a convenience center or some other type of collection system in some of the more remote areas of the County.

2. **Source Reduction, Recycling and Reuse**

With the recent opening of the Pickett County Recycling and compaction center, a source reduction and recycling program has been implemented. The County will need to keep accurate data records on the volume of waste disposed or recycled so that the progress of the center can be evaluated. In addition, efforts need to be made to keep in control with Shelley's Recycling so accurate volume records can also be kept on recyclable material through private entities. It should be noted that the County is making significant progress in developing new recycling and reduction programs in spite of limited financial resources. However, there is still a need in the County for new recycling and reduction programs which will help the County meet the 25% reduction goal.

3. **Public Information and Education**

Presently, there are not any "significant" solid waste educational programs identified in the County. The primary source of educational programs has been through the Visions Five Group, Inc. and TVA. It should also be noted that the lack of educational programs is prevalent throughout the Upper Cumberland region.

The need to develop new solid waste educational programs is a need for all counties in the Upper Cumberland region.

Pickett County has the advantage of assistance from the Visions Five organization and TVA. The Upper Cumberland Development District will also assist in the distribution of basic educational materials.

4. **Disposal Capacity**

Table II-4 projects the amount of waste requiring disposal for the County during the next ten (10) years. Column two (2) only considers population and economic factors and indicates a slight increase in capacity requirements for the County. Column three (3) assumes the County will meet the 25% reduction goal. Therefore, the 10-year capacity projection is considerably less.

TABLE II - 4

YEAR	PROJECTED SOLID WASTE REQUIRING DISPOSAL ADJUSTED FOR POPULATION AND ECONOMIC GROWTH (TONS/YEAR)	PROJECTED SOLID WASTE REQUIRING DISPOSAL ADJUSTED FOR 25% REDUCTION GOAL (TONS/YEAR)
1993	1,137	1,133
1994	1,143	1,126
1995	1,147	1,086
1996	1,152	975
1997	1,157	864
1998	1,162	868
1999	1,168	872
2000	1,173	876
2001	1,175	880
2002	1,180	881

Based on the projected volumes from column two (2), the new Pickett County Landfill has a remaining useful life of 21 years.

On the other hand, if Pickett County meets the 25% reduction goal, the useful life will increase to approximately 26 years. In addition, as previously stated, Pickett County has applied for federal grant money for the purchase of a solid waste baler to be installed in their existing compactor building. The addition of this baler would convert the County's conventional Landfill into a balefill which would increase the density of the waste disposed of thereby decreasing the space required for disposal. This would realistically increase the useful life of the landfill by 50% or more.

CHAPTER III

GROWTH TRENDS, WASTE PROJECTIONS & PRELIMINARY SYSTEM STRUCTURE

A. **PROJECTIONS OF SOLID WASTE GENERATION**

The Solid Waste Management Act of 1991 requires that each County prepare projections of the solid waste generation for a ten-year planning period. Projections will be used to establish future demand in Pickett County for solid waste collection, treatment and disposal capacity. The projections will be evaluated on an annual basis comparing actual volume to projected volume and existing compared to planned capacity. Factors to be considered in waste projections include:

- * **Current waste generation and composition**
- * **Population changes and trends**
- * **Regulatory changes**
- **Special conditions.**

The plan will use the 1991 calendar year as a base year. Waste projections will be made for calendar years 1994 through 2003.

Projection Method:

1. Calculate an empirical per capita solid waste generation rate for Pickett County for the base year 1991. For purposes of the plan "**Waste requiring treatment or disposal** is assumed to be equivalent to, or a functional surrogate, for "**generation**".
2. Assume a constant per capita rate of generation for ten (10) years.
3. Adjust projections of solid waste generation in each of the next ten (10) years for population changes.
4. Adjust projections of solid waste generation in each of the next ten (10) years for economic changes.
5. Adjust projections of solid waste generation in each of the next ten (10) years for source reduction, recycling and reuse, or industrial process changes.

6. Adjust projections of solid waste generation in each of the next ten (10) years for regulatory changes such as bans or diversions of solid waste to other classes of landfills.
7. Adjust projections to account for "special conditions" unique to the County.
8. Adjust projections to account for anticipated imports of solid waste originating outside the County or for anticipated exports of solid waste to other counties.
9. Circulate projections for review to local officials and the Advisory Committee.

PICKET COUNTY PROJECTIONS

1. Total quantity of solid waste collected for treatment or disposal in 1991 (= "generation") 1,076 tons.
2. Projected population, 1991 4,564.
3. Calculate the empirical per capita waste generation rate for Pickett County in calendar 1991, according to the following:

$$\frac{\text{Total quantity of waste (tons)}}{\text{population/(persons)}} = \frac{\text{per capita generation}}{\text{(tons/person/year)}}$$

4. Adjust for population changes - The County population is projected to increase over the next ten (10) years, as shown in Chapter I, Table I-4. Assuming that the per capita generation rate will remain constant, the quantity of waste that is projected to be generated in each of the next ten (10) years is shown on Table III-1.

TABLE III - 1
PICKETT COUNTY SOLID WASTE PROJECTION
ADJUSTED FOR POPULATION

<u>Projection Year</u>	<u>Projected Population</u>	<u>Annual Per Capita Waste Generation Tons/Person/Year</u>	<u>Projected Quantity of Waste Requiring Disposal (Tons) (adj. for Population)</u>
1992	4,580	.24	1,099
1993	4,595	.24	1,103
1994	4,611	.24	1,107
1995	4,627	.24	1,110
1996	4,643	.24	1,114
1997	4,659	.24	1,118
1998	4,675	.24	1,122
1999	4,691	.24	1,126
2000	4,707	.24	1,130
2001	4,714	.24	1,131
2002	4,730	.24	1,135
2003	4,734	.24	1,136

5. To adjust the quantity of solid waste for economic change for each of the projection years, assume solid waste generation is related to total economic performance. The statewide economic growth rate can be used as a first approximation to calculate incremental increases in the quantity of waste requiring disposal in each of the projection years.

The UT Center for Business and Economic Research forecasts that the inflation adjusted gross state product "will grow at 3.2% compound annual rate" between 1990 and 1999.

Using this rate the annual incremental increase in waste requiring disposal in each of the projection years is shown on Table III-2.

TABLE III - 2

**PICKETT COUNTY SOLID WASTE PROJECTION
ADJUSTED FOR ECONOMIC GROWTH**

<u>Projection Year</u>	<u>Base (Tons)</u>	<u>Annual Increment Due to Economic Growth</u>	<u>Quant. Solid Waste Requiring Disposal Adj. for Economic Growth (tons)</u>
1992	1,076	34	1,110
1993	1,110	34	1,146
1994	1,146	36	1,183
1995	1,183	37	1,220
1996	1,220	38	1,260
1997	1,260	39	1,300
1998	1,300	40	1,341
1999	1,341	42	1,384
2000	1,384	43	1,429
2001	1,429	44	1,474
2002	1,474	45	1,519
2003	1,519	47	1,566

6. Add the increment for each year (from column 4 in Table III-2) to the projected annual quantity of waste requiring disposal, adjusted for population, from Table III-1) for each projection year.

TABLE III - 3

PICKETT COUNTY SOLID WASTE GENERATION

TOTAL SOLID WASTE

Projection Year	Quant. Solid Waste * Requiring Disposal Adjusted for Population Change (Tons)	Incremental Increase ** In Solid Waste Requiring Disposal Due to Economic Change (Tons)	Total***Solid Waste Req'ing Disposal (Tons)
1992	1,099	34	1,133
1993	1,103	34	1,137
1994	1,107	36	1,143
1995	1,110	37	1,147
1996	1,114	38	1,152
1997	1,118	39	1,157
1998	1,122	40	1,162
1999	1,126	42	1,168
2000	1,130	43	1,173
2001	1,131	44	1,175
2002	1,135	45	1,180
2003	1,136	47	1,183

* Column 4, Table III-1

** Column 4, Table III-2

*** Adjust for Population & Economic Growth

7. Based on the information collected in the County inventory of facilities, services and programs, local goals and markets, estimate annual reductions in the quantity of solid waste requiring disposal due to waste reduction and recycling or industrial process changes. Table III-4 shows the projected quantity of waste requiring disposal assuming waste reduction due to reuse and recycling.

TABLE III - 4

PICKETT COUNTY SOLID WASTE GENERATION

PROJECTED QUANTITY OF WASTE

REQUIRING DISPOSAL

Projection Year	Projected Totals * Adjusted for Population and Economic Factors (Tons)	Estimated Waste Reduction Due to Reuse and Recycling (Tons)	Projected Quantity of Waste Requiring Disposal Adjusted for Population & Economic Factors/Recycling (Tons)
1992	1,133	0	1,133
1993	1,137	11	1,126
1994	1,143	57	1,086
1995	1,147	172	975
1996	1,152	288	864
1997	1,157	289	868
1998	1,162	291	872
1999	1,168	292	876
2000	1,173	293	880
2001	1,175	294	881
2002	1,180	295	885
2003	1,183	296	887

* Column 4, Table III-3

Like most other rural communities, Pickett County is in the early phase of implementing solid waste reduction, recycling and industrial process changes.

The percentages shown above are primarily based upon two assumptions. First, the cost of solid waste disposal is expected to increase substantially during the next five (5) years. This cost increase is anticipated to result in a substantial reduction in the amount of industrial waste. Approximately 50% of the reduction shown is expected from industrial programs.

Second, markets for recyclable materials are expected to develop and be made available to Pickett County. A substantial portion of this recycling effort is expected to be paper products which account for approximately 40% of the total solid waste generated. Approximately 50% of the total reduction shown is expected from new markets for recyclable materials.

B. PRELIMINARY SYSTEM DESIGN

Presently, Pickett County is meeting all the requirements of the 1991 Solid Waste Management Act. The main areas of concern are providing some type of collection to all residents of the County and the volunteer recycling efforts. The concerns will be addressed in more detail after each system component has been evaluated in Chapter IV through X.

C. EVALUATION CRITERIA FOR PICKETT COUNTY

The solid waste management system options will be carefully evaluated in the next seven (7) chapters. A final selection of system elements and configurations will be deferred until the evaluation has been completed.

Evaluation criterion will include the following: Institutional compatibility; number and size of facilities needed to meet defined County needs; evaluation of regional markets for recovered materials, fuel to energy; capital and annual operating costs; unit costs (cost per ton of waste); siting and regulatory requirements; environmental impacts; public acceptance; and any other criteria selected by the Pickett County Solid Waste Board.

CHAPTER IV

WASTE REDUCTION

A. ESTABLISHING A BASE YEAR QUANTITY

The base year quantity is based on the population and quantity of solid waste generated and disposed of in calendar year 1989. The County per capita waste disposal rate for the base year can be calculated by the following equation:

$$\text{County annual per capita Waste Disposal Rate} = \frac{\text{Total Waste Disposed (1989)}}{\text{Total County Population (1989)}}$$

1989 solid waste records of Pickett County show that 1,198 tons of waste were disposed of and the County population of 1989 was 4,450. Using these figures, the County annual per capita waste disposal rate calculates to be 0.27 tons/person/year.

B. TARGET 1995 WASTE REDUCTION PER CAPITA GOAL

Based on the information in Section A, the value of a 25% reduction in the per capita quantity of waste disposed in tons/person/year is equal to the 1989 average per capita rate multiplied by 0.25. Therefore, the target 1995 per capita reduction is 0.065 tons/person/year or 130 pounds/person/year. This is the amount of waste that each individual in Pickett County must decrease their waste production by through reuse and recycling. In order to determine the quantity of waste in tons that must be reduced at the source or diverted to alternative treatment options if the County is to meet the 25% reduction goal by December 31, 1995, the 0.065 tons/person/year must be multiplied by the projected 1995 population. From Table I-4 the projected 1995 population is 4,627. Therefore, the 1995 goal of waste reduction calculates to be 300 tons countywide.

C. PICKETT COUNTY WASTE REDUCTION ACTIVITIES

Pickett County's short term goal (12/31/95) is to meet the state recommended 25% reduction goal. In order to achieve this goal, the County is planning to focus on the industrial/commercial sector as the largest possible source of volume reduction. As stated previously, industrial/commercial refuse makes up approximately fifty percent (50%) of the waste disposed of at the landfill. If industrial/commercial recycling efforts are successful, it is feasible that Pickett County will need the twenty five percent (25%) reduction goal without relying on mandatory recycling at the households as has been discussed by the Pickett County Solid Waste Board.

Pickett County's long term reduction goal (1996-2003) is to educate the public as to the importance of recycling on the household level. If volunteer recycling efforts are successful, mandatory recycling will not be necessary. However, if the volume of recyclables being collected at the recycling center does not increase dramatically from those collected through the first five (5) months of operation, the Board has discussed implementing a mandatory household recycling program with pickup refusal if recycling is not being performed.

As stated previously, approximately fifty percent (50%) of the waste disposed of annually is generated by industry. A list of the major manufacturers in Pickett County along with their product and types of waste(s) is included in Table IV-1.

TABLE IV - 1

MAJOR INDUSTRIES OF PICKETT COUNTY

<u>INDUSTRY</u>	<u>PRODUCT</u>	<u>TYPE OF WASTE(S)</u>
Osh Kosh B'Gosh	Children's Clothing	Textile & Cardboard
DNT	Clothing	Textile & Cardboard
Dale Hollow Apparel	Shirts	Tetxtile & Cardboard
Da-Low	Metal Fabrication	Cardboard
Kardol	Automotive Paints & Coatings	Cardboard
Cooks Manufacturing *	Wooden Furniture	Cardboard
Bluegrass Cooperage *	Whiskey Barrels	Cardboard
Mullins Lumber Co. *	Lumber	
Storco Manufacturing	Automotive Frame Equipment	Cardboard

* Sawdust generated is either disposed of on-site or sold for reuse.

As can be seen from Table IV-1, the majority of industrial waste is textile and cardboard. mandatory recycling of cardboard would divert a large percentage of industrial/commercial solid waste from the landfill. Textile, on the other hand, poses a much greater problem. Presently, there is no market for cloth scraps. The size of the individual scraps are too small to be used for alternative items. TVA has been working with Pickett County to try to find a market for reuse for this waste product, however, as of this date, no feasible solution has been found. With the help of TVA, Pickett County will continue to search for an alternative use to divert textile products from the landfill. In addition, the University of Tennessee, in conjunction with TVA operate an Industrial Waste Reduction Assessment Program. The University of Tennessee, Division of Solid Waste staff will visit each of the major industries of Pickett County

individually and make written recommendations as to the types and amounts of waste generated and which wastes can be recycled or reused along with possible methods and estimated amounts.

This is a free service in which Pickett County should take full advantage. The Nashville area telephone number to set up an assessment schedule is (615) 974-3018. It is also possible that the assessment of the textile industries will provide a solution to the scrap cloth problem. The initial contact to the program personnel should be made by the Pickett County Executive if a solid waste manager has not been hired.

Table IV-2 displays the estimated quantities of waste Pickett County projects to be removed or diverted from the landfill through the year 2003.

TABLE IV-2

**ESTIMATED QUANTITIES OF WASTE REMOVED OR DIVERTED FROM THE WASTE STREAM
(TONS)**

YEAR	PREVIOUS REDUCTIONS	RECOVERED & RECYCLED	DIVERTED TO ALTERNATIVE DISPOSAL	OTHER	TOTAL
1985 to 1989	-		-	-	
1990	-	200	-	-	
1991	-	160	-	-	
1992	-	130	-	-	
1993	-	125	-	-	
1994	-	200	-	-	
1995	-	270	-	-	
SUBTOTAL	-	1,085	-	-	1,085
1996	-	300	-	-	
1997	-	325	-	-	
1998	-	330	-	-	
1999	-	350	-	-	
2000	-	370	-	-	
2001	-	400	-	-	
2002	-	425	-	-	
2003	-	450	-	-	
TOTAL	-	3,750	-	-	3,750

D. STAFFING REQUIREMENTS

Presently all issues dealing with solid waste are being administered through the Pickett County Executive's office. The solid waste board has discussed the possibility of hiring a solid waste manager to oversee all solid waste matters. It would be an enormous first step towards dealing with solid waste reduction if the hiring of such a manager to develop full time interest to solid waste was approved by the Pickett County Commissioners.

As stated previously in Chapter One, all solid waste revenues for Pickett County are obtained through a percentage of the property tax collected. Presently the property tax rate in Pickett County is \$3.44/\$100 of taxable assessed value. Taxable assessed value is 25% for residential and farm land and 40% for industrial property. In fiscal year 1993/94 17.7% of all property taxes collected will be used for solid waste disposal. That total is estimated to be in excess of \$150,000.00. In addition, Pickett County has received several grants for solid waste projects. For example, in 1993 Pickett County received \$142,000.00 through the Community Development Block Grant program towards construction of their recycling center, \$20,000 towards the purchase of a new Bobcat Skid Steer loader and \$20,000 from the Tennessee State Litter Grant Program.

E. IMPLEMENTATION SCHEDULE

Presently, the only staffing Pickett County plans to add throughout the duration of the 10-year plan is a Solid Waste Manager. The hiring of such a manager should take place

during FY 1999/2000. If additional staffing should become necessary during the next ten (10) years, this plan would be revised accordingly.

F. DATA COLLECTION

Pickett County will collect data for required annual progress reports to the State of Tennessee through the solid waste manager's office. Accurate records as to the actual volume of waste disposed of at the landfill, recycled or diverted will be kept at the manager's office. Revenues and expenditures, as they relate to solid waste, will also be maintained by the solid waste manager.

CHAPTER V

WASTE COLLECTION AND TRANSPORTATION

A. EXISTING COLLECTION SYSTEM

As previously stated in Chapter II, with the opening of the new Pickett County landfill in October 1992, the County has met state requirements established by rule for number, location and design of collection facilities. In addition, there are presently five (5) private haulers also providing house to house collection services within Pickett County.

This level of service exceeds the level of service of convenience centers as required by state regulations. The County Executive has written a letter stating that a minimum of 90% of the county's residents are offered access to solid waste collection. A copy of this letter is attached in Appendix F.

B. COLLECTION AND TRANSPORTATION NEEDS

At the present time Pickett County will be satisfied to meet the minimum requirements for collection and transportation. The minimum level of service can be obtained with Convenience Centers. Using the service area (in square miles) criteria, Pickett County would be required to provide 162.9/180 or 0.91 convenience centers. Under the service area population criteria, Pickett County would be required to provide 4548/12000 or 0.38 convenience centers. Pickett County, at the present time, is providing one (1) convenience center located at the landfill and plans to staff and operate this center for the 10-year planning period. This level of service should be adequate since the area will not increase and the population is only projected to increase by 3.7% during the next ten (10) years. The needs of the local residents along with the financial conditions of the county will be monitored yearly and the level of

service will be upgraded as soon as it is feasible. At the present time Pickett County plans to open two (2) additional convenience centers during 1996.

C. COUNTY NEEDS WITHIN TEN (10) YEARS

As long as the private haulers continue to supply Pickett County with an affordable service, the County sees no need to get in the garbage collection business. As stated previously in Chapter II, approximately 90% of Pickett County residents are presently using the private hauler service at an average affordable rate of \$7.00 per month. The remaining 10% have access to a private hauler but choose to transfer or dispose of their waste by alternative methods.

D. STAFFING NEEDS

Maintaining affordable garbage pick-up will be the responsibility of the proposed solid waste manager. Currently the County Executive is performing this duty.

E. BUDGET AND FUNDING

Please refer to the detailed operation and maintenance costs along with the necessary revenues as detailed in the budget section of Chapter XI of this plan. This represents the budget and funding necessary to operate this system during the ten (10) year planning period covered by this plan.

CHAPTER VI

RECYCLING

A. COUNTY NEEDS

In October of 1993 Pickett County opened its recycling and compaction center at their new landfill, thereby meeting state requirement T.C.A. 68-31-815(b)(7) requiring each county to provide one (1) or more sites for collection of recyclable materials by January 1, 1996. At present, the recycling center has not been in operation long enough to obtain data as to the types and volumes of recyclables expected. The County is required to report annually to the state planning office the quantities of recyclable materials collected by type of material. Therefore, this plan will be reviewed annually and updated accordingly.

B. ACTIONS TO EXPAND AND ENHANCE RECOVERY, REUSE & RECYCLING

1. The overall objective of Pickett County is to meet the twenty five percent (25%) reduction goal by December 31, 1995 as established by the State of Tennessee. In order to achieve this goal, Pickett County plans to, with the help of The Visions Five Group, implement a countywide recycling program. The proposed recycling program will be discussed in detail in the remainder of this chapter.
2. As shown on the regional map at the end of this plan, there are two recycling centers currently in operation in Pickett County. These locations provide all residents of Pickett County a place to bring their recyclables if they so desire.

counties of The Visions Five Group. This provides Pickett County with an economically viable site to transport processed recyclables.

7. Either the County Executive or the solid waste manager will deal directly with the Office of Cooperative Marketing.
8. For Pickett County and the Visions Five Group the General Manager of the Middle Tennessee Recycling Market Cooperation is responsible for finding markets for various recyclables.
9. Pickett County is in the process of initiating a Recycling and Reuse Curriculum for fourth and fifth graders at the Pickett County elementary school. Plans are to have a school curriculum of various levels for all grades, K-12, in place by 1995. Presently there are not any education programs geared for adults other than newspaper articles. Industrial/commercial recycling education programs will be implemented when mandatory recycling is initiated.
10. The solid waste manager will oversee all recycling programs. The manager will work with officials from the Visions Five Group, TVA and the State of Tennessee to implement the best recycling and education programs available.

11. The cost for recycling operations and education will be included in the Solid Waste Operations Budget. Please refer to the detailed budget and funding section as shown in Chapter XI which represents the financial requirements to operate this system during the ten (10) year planning period covered by this plan.
12. Funding for recycling operations and education will come from a combination of a portion of the general solid waste fund, possible grants and sale of recycled materials.
13. Volumes of recycled and recovered materials will be measured at the Pickett County landfill scale. It will be the responsibility of the solid waste manager to collect and prepare data for annual reports to the State of Tennessee.

C. COORDINATION OF RECYCLING PROGRAMS

Public, private and non-profit sector recycling programs will be coordinated through the solid waste manager with the help of the Visions Five Group, TVA and the State of Tennessee.

D. IMPLEMENTATION SCHEDULE

Pickett County's main goal is the hiring of a solid waste manager that is capable of dealing with all issues on solid waste. The hiring of such a manager by the end of FY 1999/2000 would be a major milestone for Pickett County in their solid waste endeavors.

CHAPTER VIII
DISPOSAL CAPACITY

A. EXISTING LANDFILL CAPACITY

In September of 1992, Pickett County officially opened the new Pickett County landfill off Highway 325, approximately 0.5 miles east of Byrdstown. (See the Regional System Map in the back of this plan for the location). The landfill consists of four (4) trenches which will be constructed in stages as the need for additional spaces is warranted. Presently, 200 feet of Trench No. 1 has been constructed which will provide Pickett County with disposal capacity through October 1996. The remaining operating life of the facility is estimated to be 21 years, therefore, the estimated year of closure of the landfill is 2014. Tables VIII-1 and VIII-2 display the estimated demand of waste requiring disposal versus the supply of existing and planned capacity for Pickett County on a yearly basis through the year 2003. The demand in Table VIII-1 is adjusted for population and economic growth and the demand in Table VIII-2 assumes that Pickett County will meet its 25% reduction goal by January, 1996.

B. DISPOSAL CAPACITY ASSURANCE AND IMPLEMENTATION SCHEDULE

An area large enough to handle Pickett County's solid waste for the next ten (10) years has already been permitted by the Division of Solid Waste for use as a Class I landfill. At this time, plans are being prepared to open the next section of the landfill. These plans will reflect the design as required by RCRA Subtitle D. The construction as per approved plans is expected to be complete and ready to receive solid waste by the end of summer of 1996.

Day-to-day operation of the landfill will continue and be updated as approved and required to meet all government requirements. These operations will include but not be limited to operation hours, proper cover, maintenance and ground water monitoring. See the detailed implementation schedule in Chapter XI for specific construction steps along with a matching time table required to meet the required disposal capacity assurance.

C. BUDGET AND FUNDING INFORMATION

Chapter XI contains the detailed costs and needed revenues associated with the implementation schedule as outlined in this section. The implementation schedule and financial projections are for the ten (10) year period covered by this plan.

TABLE VIII-1

PICKETT COUNTY, TENNESSEE

CAPACITY DEMAND VS. SUPPLY

DEMAND ADJUSTED FOR POPULATION & ECONOMIC GROWTH

YEAR	DEMAND: TONS OF WASTE REQUIRING DISPOSAL	SUPPLY: EXISTING & PLANNED CAPACITY	SURPLUS (+)	SHORTFALL
1993	1,137	25,185	24,052	
1994	1,143	24,052	22,905	
1995	1,147	22,905	21,758	
1996	1,152	21,758	20,606	
1997	1,157	20,606	19,444	
1998	1,162	19,444	18,282	
1999	1,168	18,282	17,114	
2000	1,173	17,114	15,941	
2001	1,175	15,941	14,766	
2002	1,180	14,766	13,586	
2003	1,186	13,586	12,400	

TABLE VII-2

PICKETT COUNTY, TENNESSEE

CAPACITY DEMAND VS. SUPPLY

DEMAND ADJUSTED FOR 25% REDUCTION GOAL

YEAR	DEMAND: TONS OF WASTE REQUIRING DISPOSAL	SUPPLY: EXISTING & PLANNED CAPACITY	SURPLUS (+)	SHORTFALL (-)
1993	1,133	25,185	24,052	
1994	1,126	24,052	22,926	
1995	1,086	22,926	21,840	
1996	975	21,840	20,865	
1997	864	20,865	20,001	
1998	868	20,001	19,133	
1999	872	19,133	18,261	
2000	876	18,261	17,385	
2001	880	17,385	16,505	
2002	881	16,505	15,624	
2003	887	15,624	14,737	

As can be seen by Tables VIII-1 and VIII-2 Pickett County is expected to utilize approximately one-half (1/2) of their existing and planned landfill capacity by the year 2003. Pickett County has an agreement with Overton County and Fentress County stating that they will dispose of either County's waste for a maximum period of ninety (90) days in case of an emergency. A copy of these agreements are presented on the following page.

JOINT LANDFILL SPACE RESOLUTION

WHEREAS, the present landfill in Pickett County is near capacity and Pickett County is presently looking for alternatives for a new landfill.

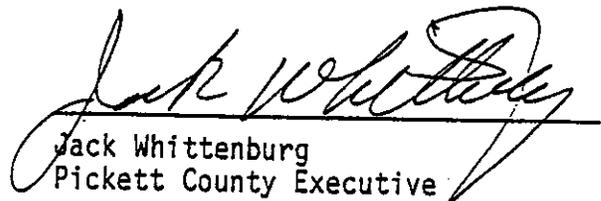
WHEREAS, if the present landfill shall become full before the other alternatives are achieved Pickett County will be in dire need of landfill space for a short period of time.

WHEREAS, Pickett County has requested Overton County and Fentress County to accept solid waste from Pickett County for a period not to exceed ninety days.

THEREFORE, BE IT RESOLVED, that if Overton County and Fentress County do accept Pickett County's solid waste that if in the future they should need space that Pickett County will in return accept their solid waste for a period not to exceed ninety days or the same amount of tonnage, which ever shall come first.

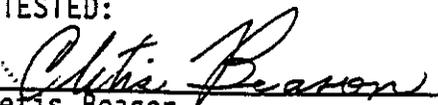
BE IT FURTHER RESOLVED, that this resolution shall only become effective if Overton County and Fentress County passes a resolution accepting Pickett County's solid waste under the same conditions.

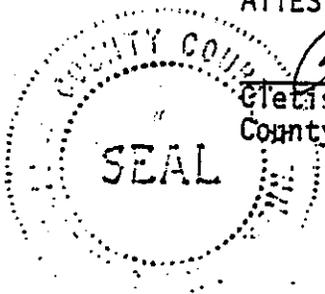
Adopted this 17th day of June, 1991.


Jack Whittenburg
Pickett County Executive

S E A L

ATTESTED:


Clotis Beason
County Court Clerk



RESOLUTION NO. 791-1A

RESOLUTION ALLOWING PICKETT COUNTY TO USE OUR LANDFILL
FOR THREE MONTHS IN RETURN FOR USE OF THEIRS
FOR THREE MONTHS

WHEREAS, Pickett County has requested use of Overton County's Landfill for a period of time not to exceed a total of three months from the starting date.

WHEREAS, Pickett County will allow Overton County to use Pickett County's Landfill in return for a period of time not to exceed three months from the starting date.

SECTION 1. A copy of this Resolution shall be transmitted to the County Court Clerk and shall become a permanent record of Overton County Government.

SECTION 2. This resolution shall take effect upon adoption, the general welfare requiring it.

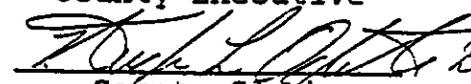
Dated this 22nd day of July, 1991.

Aye: 14
Nay: 0
Absent: 1

Approved:


County Executive

Attest:


County Clerk

JOINT LANDFILL SPACE RESOLUTION

WHEREAS, the present landfill in Fentress County is near capacity and Fentress County is presently looking for alternatives for a new landfill.

WHEREAS, if the present landfill shall become full before the other alternatives are achieved Fentress County will be in dire need of landfill space for a short period of time.

WHEREAS, Fentress County has requested Overton County and Pickett County to accept solid waste from Fentress County for a period not to exceed ninety (90) days.

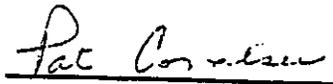
THEREFORE BE IT RESOLVED, that if Overton County and Pickett County do accept Fentress County's solid waste that if in the future they should need space the Fentress County will in return accept their solid waste for a period not to exceed ninety (90) days or the same amount of tonnage, which ever shall come first.

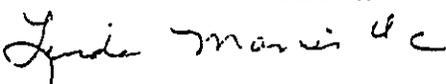
BE IT FURTHER RESOLVED, that this resolution shall only become effective if Overton County and Pickett County passes a resolution accepting Fentress County's solid waste under the same conditions.

Adopted this 17th day of June, 1991.


George Mullinix
Fentress County Executive

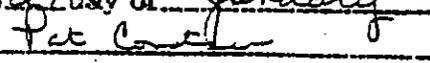
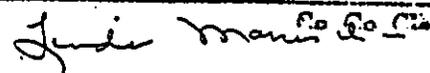
ATTESTED:


Pat Conatser
County Court Clerk


Linda Morris

State of Tennessee
Fentress County
I, Pat Conatser Co. Clk
certify the above to be a true and
correct copy of the original as filed in
my office.

This 29 day of January 1993

In an effort to protect this excess solid waste capacity Pickett County has a solid waste County Commission Board that consists of three (3) members. The purpose of this board is to monitor all solid waste concerns and administer solid waste funds. Also, if the addition of a solid waste manager is approved by the County Commission, one of the responsibilities of the position would be to monitor landfill capacity and plan for future capacity. The solid waste manager would report to the Solid Waste County Commission Board for approval of funding solid waste projects.

CHAPTER IX
PUBLIC INFORMATION
AND EDUCATION

A. PUBLIC INFORMATION AND EDUCATION PROGRAM NEEDS

The present need for public information and education programs as they pertain to solid waste issues, management operational costs and the value of waste reduction and recycling for Pickett County is immense. Based on the volume of recyclable materials collected at the recycling center in its first five (5) months of operation, very few residences and even fewer industries and businesses are recycling. Information on individual waste reduction through source reduction, reuse and recycling, backyard composting, etc., need to be made readily available to the general public describing their importance to the community. When a mandatory recycling program is put into effect for industries and businesses, a structured waste reduction and recycling program needs to be adopted by the solid waste board setting down rules and regulations to be followed and punishment for violators. In addition, both individuals and businesses need to be informed of the escalating costs of disposing of solid waste so that they can appreciate the value of volume reduction.

As stated previously in Chapter VI, Pickett County is in the process of initiating a recycling and reuse curriculum for fourth and fifth graders at the Pickett County elementary school. The need for school-based solid waste education is prevalent throughout the Pickett County school system as well as the Upper Cumberland Development District. With the help of TVA, The Visions Five Group and the Upper Cumberland Development District, Pickett County plans to have information and education programs for every target group in the County by the end of 1996.

B. WAYS TO MEET NEEDS

1. The goals and objectives of Pickett County are to provide information and education to all residents of the County. This will require a vast amount of help from outside sources, such as TVA, Upper Cumberland Development District, The Visions Five Group, as well as the State of Tennessee.
2. With the majority of the 25% reduction goal directed at the industrial/commercial sector, they will be the initial main target group. Following the industrial/commercial group the target groups will consist of adults and school aged children.
3. The amount and kinds of information to be provided is largely based on the amount and kinds of information that is provided to Pickett County from sources such as TVA, The Visions Five Group, the Upper Cumberland Development District and the State of Tennessee. Pickett County plans on keeping a close eye on what types of public information and education programs seem to be working for other counties and regions throughout the State and implement those types of programs.
4. Methods to be utilized will again be determined by methods made available by various groups and by trial and error; not only by Pickett County but by other counties and regions as well. Methods which have been discussed by the Pickett

County Solid Waste Board for school-based instruction have included audio-visual materials, slides and videos provided by TVA, exhibits and demonstrations such as the recycling trailer provided by The Visions Five Group and various speakers who could possibly stimulate interest in solid waste issues at differing levels of education. Articles pertaining to solid waste in the Pickett County Press and solid waste news stories to be broadcast on WBSI, Pickett County's local radio station were also discussed. In addition, several board and advisory committee members expressed interest in attending workshops, seminars and training courses being conducted by the Upper Cumberland Development District in conjunction with the State Division of Solid Waste.

5. Pickett County will rely heavily on the staffing of the various groups previously mentioned for providing solid waste information and education programs. If and when a solid waste manager is hired by Pickett County, reviewing and implementing various educational programs and arranging for solid waste information to be made available to the general public will be yet another task for which that person will held responsible.

The budget needs for public information and education programs are not expected to be significant. The majority of the existing programs are free of charge with reproduction, distribution and advertising costs the main expenses.

6. Financing public information and education programs will be available from the solid waste general funds on an as needed basis. If the cost of funding a program exceeds \$250.00, approval from the County Commission Solid Waste Board will be required.

7. Evaluation and reporting will be on an annual basis when the Pickett County 10-year Comprehensive Solid Waste Plan is revised.

C. IMPLEMENTATION SCHEDULE

Pickett County intends to have a County-wide industrial/commercial source reduction and recycling program implemented by January 1, 1995. By January 1, 1996, education programs for all residents of Pickett County will be available.

CHAPTER X

PROBLEM WASTES

A. HOUSEHOLD HAZARDOUS WASTES

Household Hazardous Wastes (HHW) are defined as products used at residences that are discarded in domestic garbage and that contain substances already regulated under RCRA as an industrial hazardous waste. Some examples of HHW include aerosol spray cans, paint cans, pesticides, some cleaners, etc. The State of Tennessee, through funds made available from the Solid Waste Management Fund, provides a mobile collection unit to provide collection of HHW. Pickett County is required to provide a site for collection and at least one (1) person at the collection site to assist persons in operating the mobile collection unit. Pickett County will coordinate with the State to have the mobile collection unit set up at the Pickett County landfill on an as needed basis, at which time Pickett County will supply volunteer personnel necessary to assist in its operation. Pickett County will advertise the dates and times in the Pickett County Press and their local radio station well in advance of the date that the collection unit will be at the landfill. In addition, Pickett County will attempt to educate the general public as to the necessity and benefits of separating HHW from domestic garbage.

B. WASTE TIRES

Pickett County presently has a tire collection and storage site at the new landfill. Tires are stored at the landfill until a time when the mobile tire shredding services, provided by the Department of Environment and Conservation, is needed. The tire collection site has an estimated capacity of 2,500 tires and the estimated quantity of tires received at the landfill is 800 tires per year. The tire shredding service comes to Pickett County landfill

approximately one (1) time per year. The shredded tires are currently being disposed of in the landfill.

For several years Pickett County used the majority of the annual liter grant cleaning up roadside dumps and illegal tire piles. Presently, no known illegal tire piles exist in Pickett County.

C. WASTE OIL

Presently, due to lack of acceptable facilities, the Pickett County landfill does not accept waste oil or other automotive fluids. Residents or businesses of Pickett County can bring waste oil to two (2) separate private businesses in the County that use the oil for either heating or machine lubricants. Pickett County has, however, applied for a grant from the State of Tennessee to install a waste oil recycling facility at the landfill site. In addition, Pickett County has also discussed the purchase of an EPA approved heat system which cleanly burns the waste oil. The heat produced would then be used to heat the Recycling Center baler room, supply room, restroom and office space.

D. LEAD ACID BATTERIES

Currently, lead-acid batteries are either being exchanged for a core charge when a new battery is purchased or being taken to Shelley's Recycling Center where they are

purchased. There have been very few lead-acid batteries show up at the landfill, but with the current core exchange of \$5.00 and a selling price about the same, the amount being discarded are negligible.

E. LITTER GRANT ACTIVITIES

As stated in Part B, in previous years the majority of Pickett County's State Litter Grant has been used to clean up illegal roadside dumps and illegal tire piles. Since there are no longer any known illegal dumps or tire piles in Pickett County, the grant money is being used for roadside pickup, signs and community education.

CHAPTER XI

IMPLEMENTATION: SCHEDULE;

STAFFING AND FUNDING

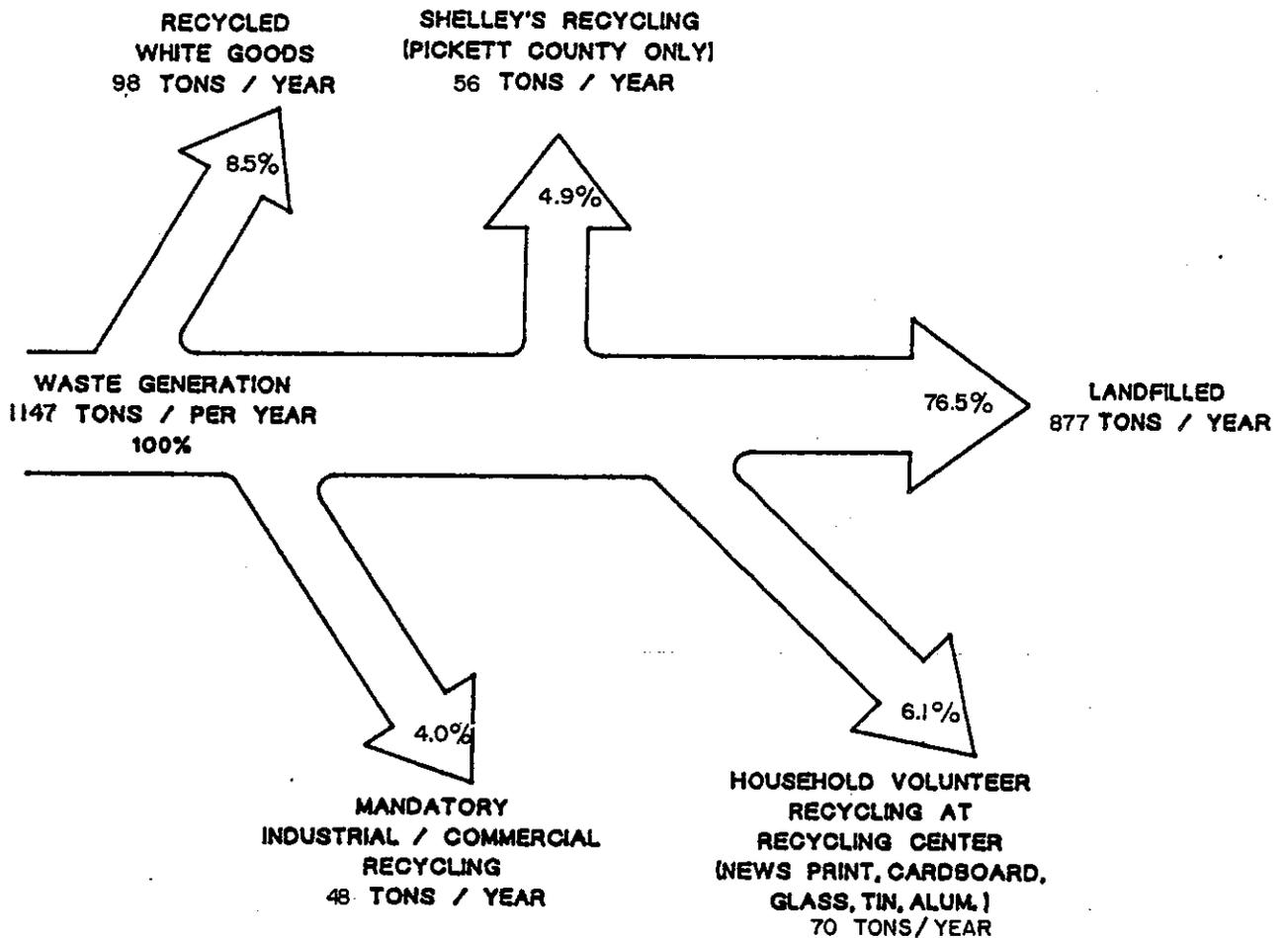
A. SYSTEM DEFINITION

The overall Pickett County Solid Waste Program is in very good shape compared to the majority of the counties or regions in the State of Tennessee. Much of the credit for the State of the Solid Waste Program goes to the County Executive and the County Landfill Board for their foresight on solid waste issues. Pickett County, known as the smallest and one of the poorer counties in the state is one of the more aggressive counties when it comes to applying for and receiving grant money for solid waste projects from all sources available.

Currently, all regulations and goals through the year 1996, with the exception of the 25% reduction goal have been met or exceeded. However, Pickett County has a good jump on the reduction goal with the recycling of white goods at the landfill, the Pickett County recyclables being taken to Shelley's Recycling and the small amount of household recyclables being collected at the Recycling Center. When mandatory industrial/commercial recycling is put into effect in FY 94/95 and the recycling education for children and adults is prevalent throughout the County, the 25% reduction goal should not only be met but exceeded by December 31, 1995. This is evident by viewing the proportional flow diagram as shown on Figure 4 on the following page.

PICKETT COUNTY, TENNESSEE

PROPORTIONAL FLOW DIAGRAM AS OF 1995



As stated previously in Chapters III through X the major components of the Pickett County Waste Management System throughout the 10-year planning period, (June 1994-June 2003), are already in place. Affordable collection is available to all residents of the County from private haulers. The newly opened Pickett County landfill has an estimated remaining useful life of 21 years. The Pickett County Recycling Center has recently been opened at the landfill site. There is a tire storage area at the landfill capable of storing approximately 2-years worth of tires. Lead-acid batteries are either exchanged when a new one is purchased or sold at Shelley's Recycling. Pickett County has an application for grant money for a used oil storage reservoir to be located at the landfill site. The only shortcomings of the Pickett County Waste Management System are the lack of a full time Solid Waste manager and the lack of quality County-wide recycling and reuse education programs for all sectors and ages.

A regional system map showing the regional boundaries, the location of Shelley's Recycling Center and the location of the Pickett County Landfill and Recycling Center is located in the back of this plan.

B. IMPLEMENTATION SCHEDULE

Table XI-1 displays the proposed implementation schedule for Pickett County through 2003. This table presents all state requirements as well as proposed planning programs. The schedule will be updated as the state requirements change and as Pickett County's dictate. The revised plan reflect County goals, programs, and milestones.

TABLE XI-1
PICKETT COUNTY, TENNESSEE
IMPLEMENTATION SCHEDULE

1993 - 1997

1993	1994	1995	1996	1997
		No MSW disposal facility shall accept any unshredded waste tires, lead acid batteries, or used oil. Each county shall provide at least one site for the collection and storage of these items. (Jan. 1, 1995)	Each county must provide one or more sites for collection of recyclable within the county. (Jan. 1, 1996) (Complete)	Education Program for all Pickett County residents in Place Jan. 1, 1997.
	Submission of Municipal Solid Waste Region Plans to State Planning Office (June 30, 1994)		Open 2 Convenience Centers	
		Revise Solid Waste Management Plan (March 1, 1995)	Synthetic liner required in all landfills where disposal continues (Oct. 9, 1996)	
		Add Waste Oil Burner to Landfill Building	Revise Solid Waste Management Plan (March 1, 1996)	Revise Solid Waste Management Plan (March, 1997)
Each owner or operator of a MSW disposal facility must keep written records of the amount of solid waste measured in tons received at the facility (July 1, 1993) (Complete)		Mandatory industrial/commercial recycling program in place (June 30, 1995)	Install Leachate Collection System And Install Baler	Open Phase 4, Thence 1 with Synthetic Liner
	Countywide 15% waste reduction goal (Dec. 31, 1994)	Each county must assure that a county wide MSW collection and disposal system is in place (Jan. 1, 1995) (Complete)	Open Phase 3, Trench with Synthetic Liner	Monitor Education and Recycling Programs
		Each county or region must meet the 25% waste reduction goal. (Dec. 31, 1995)	Monitor Education and Recycling Programs	

TABLE XI-1

PICKETT COUNTY, TENNESSEE

IMPLEMENTATION SCHEDULE

1998 - 2003

1998	1999	2000	2001	2002	2003
Revise Solid Waste Management Plan (March, 1998)	Monitor Education and Recycling Programs	Monitor Education and Recycling Programs	Evaluate and Modify Education and Recycling Programs	Evaluate and Modify Education and Recycling Programs	Evaluate and Modify Education and Recycling Programs
Monitor Education and Recycling Programs	Revise Solid Waste Management Plan (March, 1999)	Revise Solid Waste Management Plan (March, 2000)	Revise Solid Waste Management Plan (March, 2001)	Revise Solid Waste Management Plan (March, 2002)	Revise Solid Waste Management Plan (March, 2003)
Open Phase 1, Thence 2, 3, & 4 with Synthetic Liner		Employ a Solid Waste Manager			Open Phase 2, Thence 2, 3, & 4 with Synthetic Liner

C. STAFFING AND TRAINING REQUIREMENTS

For the base year 1993, Pickett County did not have any authorized solid waste management positions. Collection is performed by Individuals or private haulers and the operation of the landfill is performed by private contract. Currently, the County Executive is responsible for overseeing all solid waste management issues.

As discussed previously in Chapters IV through X of this plan, a solid waste manager is needed in Pickett County to oversee all solid waste issues from collection to education to coordinating for additional landfill space. The solid waste manager should be knowledgeable in landfill operation, construction, education and state and federal solid waste law. When approved by the County landfill board, a solid waste manager could be hired. This probably will occur within the next five (5) years.

D. BUDGET AND FUNDING INFORMATION

Table XI-2 is a complete budget for the ten (10) year planning period for Pickett County's Solid Waste program. The budget matches the implementation schedule as to when expenditures are expected and shows matching revenues to fund the necessary capital outlays. Some grants are expected and in some years Pickett County will need to borrow additional money to fund the program. This budget will be modified if property taxes change, additional waste is imported from outside sources, additional grants become available, and if regulations governing solid waste operations are amended. The budget as presented will provide for the following milestone items:

1. Install Baler
2. Install Leachate collection system
3. Add waste oil burner to landfill
4. Open new Trenches complete with synthetic liner as needed
5. Recycling and education programs
6. Postclosure care costs for old landfill
7. Add convenience centers as needed
8. Solid waste manager
9. Operation and maintenance of complete solid waste system
10. Costs to close existing landfill when complete

TABLE XI - 2

Pickett County, Tennessee Solid Waste Disposal Fund Statement of Proposed Operations		Actual 1993-94	Actual 1994-95	Estimated 1995-96	Estimated 1996-97	Estimated 1997-98	Estimated 1999-00	Estimated 2000-01	Estimated 2001-02	Estimated 2002-03	Estimated 2003-04
Acct. No.	Description										
Estimated Revenues											
LOCAL TAXES											
40000	County Property Taxes										
40100	Current Property Tax	\$157,191	\$205,840	\$100,000	\$175,000	\$181,125	\$187,464	\$194,026	\$200,817	\$207,845	\$215,120
40120	Trustee's Collection - Prior Year	\$11,304	\$10,760	\$14,000	\$14,490	\$14,997	\$15,522	\$16,065	\$16,628	\$17,210	\$17,812
40130	Clerk & Master Collections - Prior Years	\$2,787	\$4,082	\$500	\$518	\$536	\$554	\$574	\$594	\$615	\$636
40140	Interest And Penalty	\$2,055	\$1,806	\$2,200	\$2,277	\$2,357	\$2,439	\$2,525	\$2,613	\$2,704	\$2,799
	TOTAL LOCAL TAXES	\$173,337	\$222,488	\$116,700	\$192,285	\$199,014	\$205,980	\$213,189	\$220,651	\$228,374	\$236,367
CHARGERS FOR CURRENT SERVICES											
43000	General Service Charges										
43100	Tipping Fees/Recycling Sales	\$0	\$12,352	\$75,000	\$77,625	\$80,342	\$83,154	\$86,064	\$89,076	\$92,194	\$95,421
	TOTAL CHARGES FOR CURRENT SERVICES	\$0	\$12,352	\$75,000	\$77,625	\$80,342	\$83,154	\$86,064	\$89,076	\$92,194	\$95,421
STATE OF TENNESSEE											
46000	Other State Revenues	\$0	\$0	\$138,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0
46980	Other State Grants	\$0	\$0	\$138,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL STATE OF TENNESSEE	\$0	\$0	\$138,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FEDERAL GOVERNMENT											
47000	Federal through State	\$25,775	\$0	\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0
47180	Community Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
47990	Other Direct Federal Revenue	\$25,775	\$0	\$240,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL FEDERAL GOVERNMENT	\$199,112	\$234,840	\$570,465	\$329,910	\$279,356	\$289,134	\$299,253	\$309,727	\$320,568	\$331,788
	Estimated Other Sources										
44130	Sale of Materials & Supplies	\$0	\$157	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
49200	Note Proceeds	\$0	\$0	\$110,000	\$0	\$20,000	\$0	\$0	\$0	\$60,000	\$0
	TOTAL ESTIMATED REVENUES & OTHER SOURCES	\$199,112	\$234,997	\$680,465	\$329,910	\$299,356	\$289,134	\$299,253	\$309,727	\$380,568	\$331,788

TABLE XI - 2

Acct. No.	Description	Actual 1993-94	Actual 1994-95	Estimated 1995-96	Estimated 1996-97	Estimated 1997-98	Estimated 1999-00	Estimated 2000-01	Estimated 2001-02	Estimated 2002-03	Estimated 2003-04
	Pickett County, Tennessee										
	Solid Waste Disposal Fund										
	Statement of Proposed Operations										
	Excess of Estimated Revenues and Other Sources										
	Over (Under) Estimated Expenditures	\$90,004	\$28,196	(\$29,437)	\$38,357	(\$138,236)	\$52,291	\$38,439	\$40,640	(\$133,048)	\$40,381
	Estimated Beginning Fund Balance - July 1	\$12,668	\$121,000	\$149,196	\$119,759	\$158,116	\$19,880	\$72,171	\$110,611	\$151,250	\$18,202
49900	Residual Equity Transfers - In	\$18,328	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ESTIMATED ENDING FUND BALANCE - JUNE 30	\$121,000	\$149,196	\$119,759	\$158,116	\$19,880	\$72,171	\$110,611	\$151,250	\$18,202	\$58,583

CHAPTER XII

ALLOCATION OF IMPLEMENTATION

RESPONSIBILITIES; PLAN ADOPTION

AND SUBMISSION

Pickett County being a one-county solid waste region has full responsibility for implementation of the 10-year solid waste plan. The Pickett County Solid Waste Board and the Pickett County Advisory Committee were established for the purpose of preparing this 10-year comprehensive solid waste plan. Upon completion, the Solid Waste Board will hold a public hearing which will afford all interested persons an opportunity to submit written and oral comments, and the proceeding shall be recorded and transcribed and become a part of the plan. After the public hearing the Solid Waste Board shall submit the plan to the Pickett County Commission for their approval to support and fund the plan. Upon County approval the Solid Waste Board shall submit the plan to the State of Tennessee, Department of Environment and Conservation, Division of Solid Waste for their approval. The responsibility of implementing the state approved solid waste plan will fall with the Pickett County landfill commission with approved funding by the Pickett County Commission.

Ten (10) copies of the Solid Waste Plan shall be submitted to:

Tennessee Department of Environment and Conservation
Division of Solid Waste Assistance
14th Floor - L & C Tower
401 Church Street
Nashville, Tennessee 37243-0455

no later than June 30, 1994.

CHAPTER XIII

FLOW CONTROL AND

PERMIT APPLICATION REVIEW

A. INTRA-COUNTY FLOW CONTROL

As stated previously in Chapter VIII, Pickett County has an agreement with both Overton and Fentress Counties to receive their solid waste for a period of ninety (90) days during an emergency. In order to receive any other County's waste, a resolution would have to be passed by the Pickett County Solid Waste Board.

B. PLANS REVIEW

Pursuant to Tennessee Code Annotated, Title 68, Chapter 31, after the plan is approved by the State, the Pickett County Solid Waste Board must approve any application for a permit for a solid waste disposal facility or incinerator within the County as consistent with the County's disposal needs before any permit is issued by the Commissioner.

An applicant for a permit for construction or expansion of a solid waste disposal facility or incinerator shall submit a copy of the application to the Pickett County Solid Waste Board at or before the time the application is submitted to the commissioner. The Pickett County Solid Waste Board shall review the application for compliance with the provisions of Section 13, and shall conduct a public hearing after public notice has been given in accordance with Tennessee Code Annotated, Title 8, Chapter 44, prior to making a determination. The hearing shall afford all interested persons an opportunity to submit written and oral comments, and the proceeding shall be recorded and transcribed. The Pickett County Solid Waste Board shall render a decision on the application within ninety (90) days after receipt of a complete application. The Pickett

County Solid Waste Board shall immediately notify the commissioner of its acceptance or rejection of an application.

The Pickett County Solid Waste Board may reject an application for a new solid waste disposal facility or incinerator or expansion of an existing solid waste disposal facility or incinerator within the County only upon determining that the application is inconsistent with the solid waste management plan adopted by the Pickett County Solid Waste Board and approved by the state planning office and shall document in writing the specific grounds on which the application is inconsistent with such plan.

Where the Pickett County Solid Waste Board rejects an application, the commissioner shall not issue the permit unless the commissioner finds that the decision of the region is arbitrary and capricious and unsupported in the record developed before the region.

Appeal of final actions of the Pickett County Solid Waste Board including any determination under subsection (b)(2)(B) of Section 13 shall be taken by an aggrieved person within thirty (30) days to the Pickett County Chancery Court. The court shall exercise the same review as it would in a case arising under Tennessee Code Annotated, Title 4, Chapter 5. An "aggrieved person" shall be limited to persons applying for permits, persons who own property or live within a three (3) mile radius of the facility or site that is proposed for permitting, or cities and counties in which the proposed facility is located.

APPENDICES

APPENDIX A

LEGAL DOCUMENTATION

AND

ORGANIZATION OF THE REGION

RESOLUTION NO. 1

A RESOLUTION
CREATING PICKETT 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 a coalition of local government, environmental, commercial, and industrial leaders, the 97th Tennessee General Assembly enacted T.C.A. 68-211-801 et seq. titles "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 worked for the passage of the 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, Pickett County's Board of County Commissioners has given consideration to the needs assessment prepared by the Upper Cumberland 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 Pickett County.

NOW, THEREFORE BE IT RESOLVED, by the Board of County Commissioners of Pickett 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 Pickett 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 Pickett County, Tennessee finds and determines that Pickett County shall be and shall constitute a single county municipal solid waste region due to the following:

Pickett County recognizes the advantages of multi-county solid waste planning. We are reviewing the information contained in the District Needs Assessment which was released September 30, 1992. It will take several weeks to adequately review the data. Therefore, at this time, we feel that it is in the best interest of the citizens of Pickett County that Pickett County become a single county municipal solid waste region. Pickett County will continue to plan and cooperate with its neighbors in any way necessary to provide the most efficient and cost effective solid waste management system for its citizens.

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 five (5) members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. 68-211-813(b)(1) five (5) Board members shall be appointed by the County Executive and approved by this Board of County Commissioners; 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 (2) members appointed by the County Executive shall have a two (2) year term, that two (2) members appointed by the County Executive shall have a four (4) year term, that one (1) member appointed by the County Executive shall have a six (6) year term; and

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 Pickett 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 Pickett 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, Pickett County, and to apply for and receive donations and grants from private corporations and foundations; and

BE IT FURTHER RESOLVED, that, Pickett 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

BE IT FURTHER RESOLVED, that upon the passage of this Resolution and at no later date than December 31, 1992, the County Clerk of Pickett County shall transmit a copy of this Resolution to the Tennessee State Planning Office.

RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF Pickett COUNTY, TENNESSEE, this 16th day of November, 1992, the welfare of the citizens of Pickett County requiring it.

Sponsor

Paul Jordan
County Commissioner

Attest:

Approved:

Clara Pearson
County Clerk

Jack Whittier
County Executive

Approved as to form:

Phillip Smyth
County Attorney

Coroner is Dr. Larry Mason

*Larry
Mason
as
coroner*

5. Motion by Paul Jordan, second by, Jack Barnes to appoint Dr. Larry Mason to continue as coroner and county medical examiner for Pickett County. The term of this position will be two years from the date of appointment. On Roll Call all members present voting aye. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Solid Waste Board Appointed

*Solid
waste
Board
appointed*

6. Motion by Paul Jordan, second by, Tommy Claborn to appoint the following persons to the solid waste Planning Board: Bill Robbins, Ronnie Tompkins, H. E. Feilder, Douglas Garrett, and Johnny Sells. On Roll Call all members present voting aye. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Sales Tax Resolution Passed

*Res.-
2 10
'22*

7. Motion by Paul Jordan, second by, Jack Barnes to pass a resolution to urge members of the General Assembly to extend the one-half cent sales tax. On Roll Call all members present voting aye. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Chairman and Chairman Pro-Tempore Appointed

*Chairman
Pro-Tempore
app.*

6. Motion by Donnie Matheny, second by, Tommy Claborn to appoint Jack Whittenburg as Chairman of the Pickett County Court, and to appoint Paul Jordan as Chairman Pro-Tempore of the Pickett County Court. On Roll Call all member present voting aye, except Paul Jordan who passed. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Landfill Committee Re-appointed

*Landfill
Comm. Re-
appointed*

Motion by Paul Jordan, second by, David Beaty to reappoint Maxie Beaty, Tommy Claborn, and Billy R. Smith to the Landfill Committee. On Roll Call all members present voting aye, except Maxie Beaty and Tommy Claborn who passed. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Discussion

Discussion

Discussion of Fire Hydrant for Mr. Clayton Lee. No Action

Discussion

Discussion

Richard Daniel with an update on the 911 Service.

Requirement Concerning Trash

*Landfill -
req. Trash*

8. Motion by Janice Shewmake, second by, Tommy Claborn that all private and commercial haulers using the Pickett County Landfill shall be required to cover all trash with wire mesh or tarp cover, beginning October 1, 1993. Trash that is not covered will not be accepted at the Pickett County Landfill after this date. On Roll Call all members present, except Jack Barnes who passed. Larry Peek became present for this motion. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

Resolution Pertaining to Sewer Line & Baler

*Res -
sewer
line +
Baler*

9. Motion by Tommy Claobrn, second by, Janice Shewmake to pass a resolution pertaining to sewer line and baler for Pickett County Landfill. This would be a REA loan passed through Volunteer Electric. On Roll Call all members present voting aye, except Jack Barnes who passed. Chairman Jack Whittenburg declared the motion carried and ordered the Clerk to spread the same on the minutes of the Court.

SOLID WASTE/LANDFILL/ADVISORY MEMBERS

SOLID WASTE BOARD:

Ronnie Tompkins	President
H.E. Felder	Vice-President
Johnnie Sells	Secretary
Tommy Fryar	Member
Doug Garrett	Member

LANDFILL COMMITTEE:

Maxie Beaty	1 year term
Billy Randall Smith	1 year term
Tommy Claborn	1 year term

ADVISORY COMMITTEE:

Bill Robbins	Recycling
Larry Anderson	Environmental
Jerry Reagan	Education
Kay Wilburn	Business
Jerry Flowers	General Public

* Term of the solid waste board and advisory board is unlimited.

**SOLID WASTE BOARD MEETING
MAY 27, 1993**

The meeting was called to order by Chairman Ronnie Tompkins at 7:00 p.m.

Items on the agenda were as follows:

- 1) The minutes of the April 27, 1993 meeting were read
- 2) Ray Bascum of James C. Hailey & Company Engineers, was present at this meeting. Ray discussed the 10 year plan. He stated that two of the key items was, the 25% Reduction Plan, which has to be completed by December 31, 1995. Ray also stated that the County wide collection service should be completed by January 1, 1995. Ray stated that he would prepare a preliminary plan and report back to the board in a couple of months.
- 3) Discussed the possibility of getting the electric companies to bill the customers for solid waste service.
- 4) Motioned by Tommy Fryar and seconded by Doug Garrett to elect Johnny Sells as Secretary. All Ayes.
- 5) Motioned by Johnny Sells and seconded by H.E. Felder to appoint Jerry Flowers to the Advisory Board, representing the general public. All Ayes.
- 6) Motioned by Doug Garrett and seconded by H.E. Felder to allow Chairman Ronnie Tompkins to sign any and all necessary paperwork. All Ayes.
- 7) Motioned by Doug Garrett and seconded by Tommy Fryar to adjourn. All Ayes.

The meeting was adjourned at 9:00 p.m.

PRESENT AT THE MEETING WERE:

Ronnie Tompkins
Tommy Fryar
Johnny Sells
H.E. Felder
Doug Garrett
Jerry Flowers
Kay Wilburn

Bill Robbins
Phillips Smalling
Ray Bascum
Jimmy Lee Clark
Jack Whittenburg
Tammy Dowdy

SOLID WASTE BOARD MEETING
APRIL 27, 1993

The meeting was called to order at 7:00 p.m.

Items on the agenda were as follows:

- 1) Motioned by Doug Garrett and seconded by Tommy Fryar to elect Ronnie Tompkins as Chairman. All Ayes.
- 2) Motioned by Johnny Sells and seconded by Doug Garrett to elect H.E. Felder as Vice Chairman. All Ayes.
- 3) Motioned by Johnny Sells and seconded by Tommy Fryar to elect Tammy Dowdy as Secretary. All Ayes.
- 4) Motioned by H.E. Felder and seconded by Doug Garrett to approve the budget as prepared and presented at the April 6, 1993 meeting. All Ayes.
- 5) Motioned by H.E. Felder and seconded by Doug Garrett to accept James C. Hailey and Company as the engineering and consulting firm to prepare the 10 year plan for Pickett County. All Ayes.
- 6) Motioned by H.E. Felder and seconded by Ronnie Tompkins to appoint the Advisory Committee as follows:

NAME	REPRESENTING
Bill Robbins	Recycling
Larry Anderson	Environmental
Jerry Reagan	Education
Kay Wilburn	Business

All Ayes.

- 7) Motioned by Doug Garrett and seconded by Johnny Sells to have Attorney, Phillips Smalling to draw up a contract between James C. Hailey and Company and Pickett County for the 10 year plan. All Ayes.

OTHER ITEMS OF DISCUSSION:

To find another person to serve on the Advisory Committee representing the general public.

Counties joining Pickett County on the engineering services for the 10 year plan include Van Buren and Jackson.

**SOLID WASTE BOARD MEETING
APRIL 5, 1994**

The meeting was called to order by Chairman Ronnie Tompkins at 7:00 p.m.

Items on the agenda were as follows:

The minutes of the March 15, 1994 meeting were read.

Motioned by H.E. Felder and seconded by Johnny Sells to approve the minutes of the March 15, 1994 meeting.

The meeting was then turned over to Ray Bascum of James C. Hailey and Company.

Ray stated that he had revisions on the population figures for the 10 year plan. He also stated that he had checked with the Upper Cumberland Development District on getting the 1989 tonnage estimates raised and they informed him that it would be better to wait until you got a year of actual data before they were adjusted. Ray then asked if anyone had questions or comments on the 10 year plan and the board discussed to some length the hiring of a Solid Waste Manager for Pickett County.

Motioned by Doug Garrett and seconded by H.E. Felder to approve the 10 year solid waste plan for Pickett County and to present this plan to the Pickett County Board of Commissioners.

The board then discussed attending the Pickett County Court Meeting on April 18, 1994, just in case the commissioners had questions on the plan, and it was agreed that the board members would attend this meeting.

Motioned by H.E. Felder and seconded by Doug Garrett to adjourn.

PRESENT AT THE MEETING WERE:

Jack Whittenburg
Phillips Smalling
Ray Bascum
H.E. Felder
Jerry Reagon
Tammy Dowdy
Ronnie Tompkins
Larry Anderson
Doug Garrett
Johnny Sells



Pickett County Government

KELLY KEISLING
County Executive

COMMISSIONERS
Lelon Davidson
Fred Elder
Colon Huddleston

Jack Barnes
David Beaty
Bernie Copeland

James Hammock
James Rigney
Michale Wilson

04/25/95

Division of Solid Waste
Tennessee Department of Environment & Conservation
401 Church Street
14th Floor, L & C Tower
Nashville, Tenn.

Subject: Uniform Financial Accounting

Gentlemen:

This letter serves as notification that Pickett County is complying with the Uniform Accounting requirements as regulated by the State of Tennessee Comptrollers Office. We are complying with audit requirements as suggested by the Division of County Audit.

If you have further questions or need additional information please contact my office. Thank you.

Respectfully,

Kelly Keisling

KTK/cs

APPENDIX C

PUBLIC PARTICIPATION ACTIVITIES

Pickett County Press

35¢



Volume 31, Number 12

Byrds town, Tennessee 38549 Thursday, March 24, 1994

One Section-Ten Pages

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NOTICE OF PUBLIC HEARING

The Board of the Pickett County Solid Waste Region hereby gives notice of a public hearing, pursuant to Section 68-211-814, Tennessee Code Annotated, on the 10-Year Comprehensive Solid Waste Plan of Pickett County, Tennessee. The hearing shall be held on Tuesday, April 5, 1994, at 6:00 p.m. in the Courtroom of the Pickett County Courthouse, Byrds town, Tennessee. Copies of the proposed 10-Year (1994-2003) Comprehensive Solid Waste Plan for Pickett County, Tennessee, James C. Hailey and Company, Consulting Engineers, are on file with the County Executive, Pickett County Courthouse, and are available for inspection and review at regular office hours every day up until the hearing. Public attendance and comment are encouraged.

NOTICE OF MEETING OF PICKETT COUNTY SOLID WASTE REGION BOARD

The Board and Advisory Board of the Pickett County Solid Waste Region will hold a public meeting for review and action on the 10-Year Comprehensive Solid Waste Plan on April 5, 1994, at 7:00 p.m., or the conclusion of the Public Hearing, if later, in the Courtroom, Pickett County Courthouse, Byrds town, Tennessee.

APPENDIX E

COUNTY COMMISSION REVIEW

STATE OF TENNESSEE

BE IT REMEMBERED that a Session of the Pickett County Court was began and held April 18, 1994, present and Presiding was COUNTY OF PICKETT Hon. Jack Whittenburg Chairman, and present Cletis Beason the Clerk of the Court and a Quorum of the Commissioners being Present namely Jack Barnes, Maxie Beaty, David Beaty, Tommy Claborn, Paul Jordan, Janice Shumake and Billy R. Smith Absent for Roll Call were Larry Peek and Donnie Matheney.

Court opened at 6:00 P.M. and the following proceedings were had and entered on the Minutes of the Court to wit:

Previous Minutes Approved

Motion by Janice Shumake and Seconded by Tommy Claborn, to approve the previous (March, 1994 Meeting) Minutes.

On Roll Call, all present and voting AYE, except Jack Barnes who voted NAY, Chm. Whittenburg declared the Motion Carried, and the Clerk to Rcord same.

Notaries Approved

Motion by Maxie Beaty and Seconded by Billy Smith, to Appoint Lynn Smith and Michael W. Zachary as Notaris Public.

On Roll Call, all present and voting AYE, Chm. Whittenburg declared that the Motion Carried, and the Clerk to record same on the Court Minutes.

Approval of 10 yr. Solid Waste Plan for Pickett County

Motion by Tommy Claborn and Seconded by Billy Smith, to Approve the 10 Year Solid Waste Plan as presented by the Pickett County Solid Waste Board.

On Roll Call, all present and voting AYE, Chm. Whittenburg declared that the Motion Carried, and that the Clerk Record same on the MINutes of the Court.

continued to page 625

State of Tennessee, County of Pickett, I Cletis Beason, Clerk, certify that the foregoing is a true and perfect copy as appears in Minutes Book, No. 17 Page 625. This July 7th 1994 Cletis Beason Cletis Beason, Clerk

APPENDIX F

**MISCELLANEOUS
CORRESPONDANCE**



Pickett County Government

KELLY KEISLING
County Executive

COMMISSIONERS
Lelon Davidson
Fred Elder
Colon Huddleston

Jack Barnes
David Beaty
Bernie Copeland

James Hammock
James Rigney
Robert Bond

05/23/96

Mr. Paul Enam Davis
Director, TDEC
Division of Solid Waste Assistance
14TH Floor, L & C Tower
401 Church Street
Nashville, Tenn. 37243-0455

Subject: Solid Waste Collection

Mr. Davis,

In response to the attached letter regarding the above subject, in my opinion I feel we are offering a minimum of 90% of the county's residents access to solid waste collection.

One reason is based on the fact that we have four private contract haulers who not only service the manufacturing facilities here, but also contract with homeowners throughout the county. Secondly, everyone certainly has access to both the county's Landfill and Recycling Center which is located within two miles from downtown Byrdstown and finally, within the next sixty days, we will have completed construction of two new convenience centers in a couple of outlying areas of the county.

With the above reasons given, that is why I feel my opening paragraph is true to form. If you should have further questions or comments, please feel free to contact me anytime.

Respectfully,

Kelly Keisling

KTK/cs

CC: Ken Shepherd, UCDD
Ronnie Tompkins, Chairman Solid Waste Planning Region
James Garrett, James C. Hailey & Co.
Elizabeth Blackstone - Division of Solid Waste



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Assistance
14th Floor, L & C Tower
401 Church Street
Nashville, TN 37243-0455

May 16, 1996

Mr. Ronnie Tompkins, Chairman
Pickett County Municipal Solid Waste Planning Region
Route 1, Box 151A
Monroe, TN 38573

Dear Mr. Tompkins:

The Department acknowledges the response letter received from the Pickett County Municipal Solid Waste Planning Region regarding exceptions to the 1995 annual report. All of the exceptions noted in the Department's April 25, 1996 annual report review comment letter are satisfied with the following exceptions:

CHAPTER 5. WASTE COLLECTION AND TRANSPORTATION

The region's May 13, 1996 letter did not include a response to the Department's plan review comments of October 27, 1994 regarding additional information on county-wide collection assurance. Please provide a letter from the Pickett County Executive certifying that 90 % of the region's residents have access to adequate solid waste collection.

CHAPTER 8. DISPOSAL CAPACITY

The region's May 13, 1996 response letter still does not comply with the action required concerning disposal capacity assurance as stated in the Department's plan review comment letter October 27, 1994. Please provide this assurance to the Division.

Please address all of these exceptions in writing, and return to our office within two weeks of the date of this letter. Thank you for your prompt attention to the issues noted in this letter.

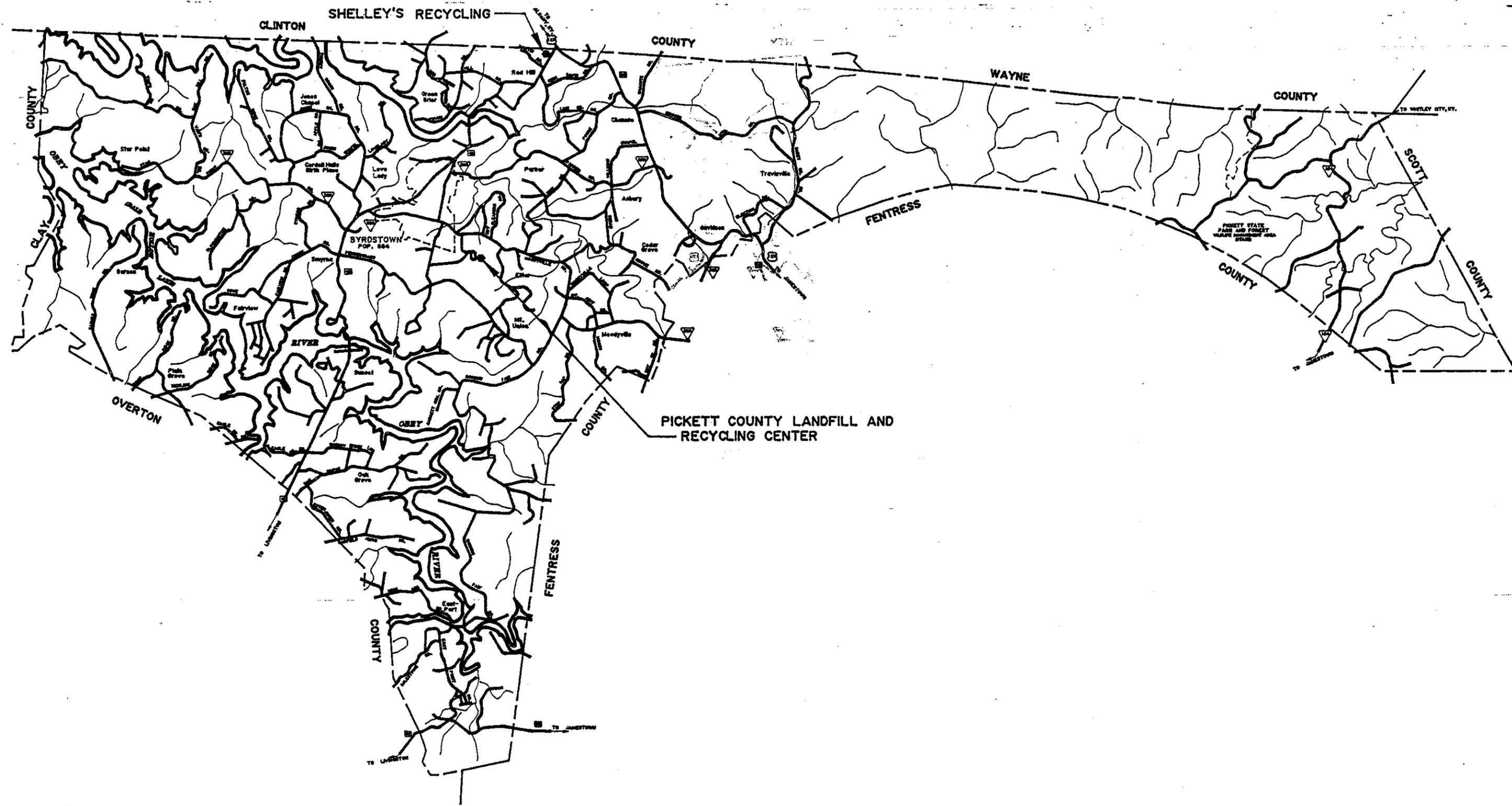
Please contact our office if you have any questions or comments concerning this matter.

Sincerely,


Paul Evan Davis
Director

cc: Mr. Kelly Keisling, Pickett County Executive

K E N N E T T U C K E Y



PICKETT COUNTY, TN
REGIONAL
SYSTEM MAP