

Hawkins County Regional Solid Waste Plan

HAWKINS COUNTY REGIONAL SOLID WASTE MANAGEMENT PLAN

- CHAPTER 1 - Description of the Municipal Solid Waste Region**
- CHAPTER 2 - Analysis of the Current Solid Waste Management System for the Region**
- CHAPTER 3 - Growth Trends, Waste Projections, and Preliminary System Structures**
- CHAPTER 4 - Waste reduction**
- CHAPTER 5 - Waste Collection and Transportation**
- CHAPTER 6 - Recycling**
- CHAPTER 7 - Composting, Solid Waste Processing, Waste-to-Energy, and Incineration Capacity**
- CHAPTER 8 - Disposal Capacity**
- CHAPTER 9 - Public Information and Education**
- CHAPTER 10 - Problem Wastes**
- CHAPTER 11 - Implementation: Schedule, Staffing, and Funding**
- CHAPTER 12 - Allocation of Implementation Responsibilities: Plan Adoption and Submission**
- CHAPTER 13 - Flow Control and Permit Application review**

EXECUTIVE SUMMARY

Hawkins County Regional Solid Waste Plan

DESCRIPTION AND REGIONAL FORMATION

Hawkins County is located within the First Tennessee Development District and has utilized the Development District for completion of the Hawkins County Regional Solid Waste Plan. There are five municipalities located within Hawkins County. These are: Bulls Gap, Church Hill, Mt Carmel, Rogersville, and Surgoinsville.

The estimated 1993 population of Hawkins County is 44,735. The five municipalities have 1990 populations of:

Bulls Gap	699
Church Hill	4,834
Mt. Carmel	4,082
Rogersville	4,149
Surgoinsville	1,499

A portion of Kingsport is located in Hawkins County but is not part of the Hawkins County Solid Waste Planning Region.

Hawkins County currently disposes of municipal solid waste in the Carter Valley Landfill. This is a Class I landfill owned and operated by Browning Ferris Industries (BFI). The County had nine years remaining on a contract with BFI for disposal of solid waste in the Carter Valley Landfill. Recently the County negotiated with BFI for a one year extension on the contract which allows the County to use the Carter Valley Landfill for the length of solid waste planning period.

COLLECTION AND CURRENT SOLID WASTE MANAGEMENT

A requirement of the Solid Waste Management Act of 1991, each county in the State must reduce the amount of solid waste going to a Class I landfill by 25% by December 31, 1995.

Much of the reduction in Hawkins County will be attributed to an increase in industrial waste reduction and residential recycling. Many businesses and industries have begun paper and paperboard recycling programs. Currently the County offers drop-off recycling of metal and waste oil at each of the eight convenience centers. Reynolds Aluminum and Food City have participated in drop-off programs for recycling of aluminum cans. The Town of Rogersville provides door-to-door collection of leaves for composting and distribution to residents.

Hawkins County operated eight manned convenience centers which services greater than 50% percent of the County residents. The five municipalities provide door-to-door collection for the residents. Aside from city personnel that oversee solid waste operations within the municipalities, the County also employs a Solid Waste Supervisor/Litter Grant Manager and an Environmental Coordinator.

Hawkins County is expanding the recycling program and will eventually have drop-off recycling centers at each of the eight manned convenience centers. Some of the municipalities in Hawkins County are also interested in initiating city-wide recycling programs.

REGIONAL NEEDS

Public Education

Hawkins County has several non-profit "environmental" organizations operating within the County. These organizations are Keep America Beautiful, Partners for Clean Community, Friends of the Clinch-Powell and the Clinch-Powell Resource Conservation and Development Council. These organizations provide environmental educational materials, seminars, recycling fairs, and presentations. The Friends of the Clinch-Powell recently published a study of area business and industrial recycling programs. The study identified current conditions and needs of several businesses and industries in Hawkins County.

An increase in this public education effort is one of the regional needs identified by the Solid Waste Planning Board. Reaching a greater percentage of the population is necessary to ensure a successful environmental education program. To accomplish the goal of increased environmental education the Planning Board has identified several methods in which this goal can be reached. These methods are:

Providing Industrial Waste Reduction Seminars

The Solid Waste Planning Board is working closely with the University of Tennessee Center for Industrial Services (UT-CIS) in providing waste reduction seminars designed specifically for industries.

The UT-CIS will provide training seminars to the largest industries in Hawkins County. Also, as part of the training, the UT-CIS will conduct on site tours of any interested industries to make them aware of proper solid waste management and waste reduction strategies.

Hawkins County is fortunate to have several environmentally aware industries that have already initiated some waste reduction measures such as recycling.

Household Hazardous Waste Collection

The Hawkins County Regional Solid Waste Planning Board is sponsoring annual household hazardous waste collection events to be held throughout the County. Educational materials will be distributed to schoolage children in grades K-6. The educational materials will consist of information about proper disposal of household hazardous wastes as well as other information about the County's recycling and solid waste management efforts.

The Planning Board is utilizing the resources of the County agricultural extension office, area Chambers of Commerce, environmental organizations, and other volunteer groups to disseminate the educational materials.

Increase in Programs Offered by Non-Profit Organizations

The Solid Waste Planning Board encourages each non-profit environmental organization to increase efforts to provide a broader range of educational programs offered to county residents. The Planning Board will work closely with each organization to ensure that the residents of Hawkins County are provided a variety of educational programs.

Standardized Solid Waste/Recycling Curriculum

Hawkins County officials as well as the Solid Waste Planning Board, recognizes the need to implement a standardized education curriculum in the public school system. Currently the County employs a public education coordinator to present educational programs to the public schools. This position is funded from the State Litter Grant.

The County is interested in reviewing educational materials provided by the State as mentioned in T.C.A. 68-211-844. The Planning Board will work closely with the Tennessee Department of Education and the Division of Solid Waste Assistance for providing a standardized school curriculum.

Educational packages are available from private solid waste management/recycling companies. The County is also interested in reviewing these packages if a private company is chosen to operate the county recycling program.

Recycling

Currently Hawkins County collects white goods, metal, and aluminum cans at each of the eight convenience centers. To meet and exceed the requirements of the Solid waste Management Act of 1991, the County is proposing to increase the types of materials collected. Glass, paper, and plastic will be also be collected at each of the convenience centers as part of the proposed plan.

Since Hawkins County is a large county , County officials feel that several drop-off locations for the collection of recyclables is necessary to provide each county resident with the opportunity to participate in the county-wide recycling program.

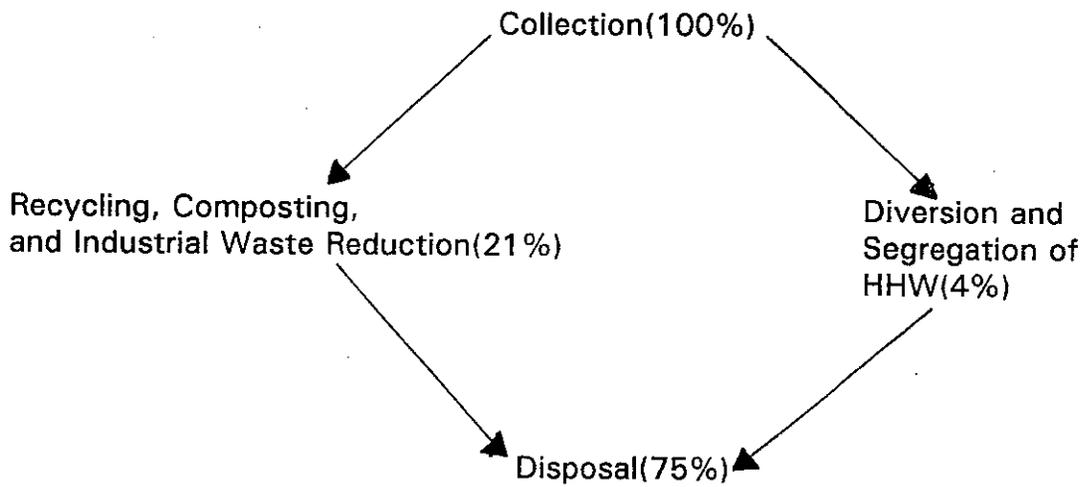
The County has two options in implementing the county-wide program. One option is for the County to operate the proposed program. Hawkins County would be responsible for collection, processing, storing, and marketing of all collected materials. The other option is for the County to contract with a private company for the collection, processing, storage, and marketing of all collected materials.

Diversion

Waste Tires, lead acid batteries, and waste oil are all special wastes addressed by the Solid Waste Management Act of 1991. These special wastes are not to be disposed of in Class I landfill after January 1, 1995. Hawkins County currently has a waste oil and lead acid battery collection program in place at each of the eight convenience centers. Between December 1992 to January 1994 5,014 gallons of waste oil was collected.

Currently the County is addressing the proper disposal of whole waste tires. Grants are available from the State to upgrade existing collection facilities or begin constructing new ones. Hawkins County is likely to pursue State grants to aid in the collection of waste tires.

SYSTEM ELEMENTS



IMPLEMENTATION SCHEDULE

Table ES-1

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Consider Upgrading Convenience Centers										
Plan Updates										
Data Collection										
Establish Recycling Facilities										
Annual Recycling reporting										
Household Hazardous Waste Collection										
Increase Environmental Educational Programs										
Initiation of School Curriculum										

ALLOCATION OF RESPONSIBILITIES

Hawkins County will assume responsibility for operation of all county-wide solid waste collection facilities. These facilities include the eight convenience centers. If the County chooses to operate its own recycling program, it will also assume responsibility for the recycling program.

Any solid waste collection programs or recycling programs conducted within the municipalities, will be the responsibility of the respective municipalities. However, the Hawkins County Solid Waste Planning Region will integrate all solid waste management programs, whether town or county, to ensure successful solid waste management in Hawkins County.

The Hawkins County Solid Waste Planning Board will not implement any type of flow control, but the County will continue to monitor the flow of waste to and from all convenience centers. The Solid Waste Planning Board will review all permit applications in accordance with Tennessee Code Annotated. In cooperation with the Hawkins County Commission, the Planning Board will provide the Department of Environment and Conservation with a recommendation on the permit application. The Planning Board will rely on the Department of Environment and Conservation for technical review and final approval of the permit application.

Budget

Table ES-2

Expenditures

	1994	1995	1996	1997	1998
Disposal	\$281,100	\$295,155	\$309,912	\$325,407	\$341,677
Collection and Transportation	\$589,540	\$619,017	\$649,967	\$682,465	\$716,588
Recycling					

	1999	2000	2001	2002	2003
Disposal	\$358,760	\$376,698	\$395,532	\$415,308	\$436,073
Collection and Transportation	\$752,417	\$790,037	\$829,538	\$871,014	\$914,564
Recycling					

Table XI-4

Revenues

	1994	1995	1996	1997	1998
Commercial Garbage Pick-up	\$26,733	\$28,069	\$29,472	\$30,945	\$32,492
Residential Garbage Pick-up	\$22,732	\$23,868	\$25,061	\$26,314	\$27,629
*Sale of Recyclables	\$10,000	\$10,500	\$11,025	\$11,576	\$12,154

	1999	2000	2001	2002	2003
Commercial Garbage Pick-up	\$34,116	\$35,821	\$37,612	\$39,492	\$41,466
Residential Garbage Pick-up	\$29,010	\$30,460	\$31,983	\$33,582	\$35,261
*Sale of Recyclables	\$12,761	\$13,399	\$14,068	\$14,771	\$15,509

* Revenues generated from the sale of recyclables will be dependent upon the size of program the County chooses to operate.

5% inflation rate/consumer price index was used to calculate the 10 year budget.

CHAPTER I

Description of the Municipal Solid Waste Region

GENERAL DESCRIPTION

The Hawkins County Solid Waste Board has chosen to form a single county solid waste planning region. The County is located in the northwest portion of the First Tennessee Development District. Hawkins County has five municipalities located within its boundaries. These are:

Rogersville	4,149 (pop.) - county seat
Surgoinsville	1,499 (pop.)
Church Hill	4,834 (pop.)
Mount Carmel	4,082 (pop.)
Bulls Gap	699 (pop.)

A portion of Kingsport is also located in Hawkins County but is not included in the Planning Region. The total population of the Region is 44,565, and has an area of 480.1 square miles with a population density of 92.8 people per sq./mile.

The Hawkins County Solid Waste Region has used the First Tennessee Development District for regional organization and planning efforts.

RATIONALE FOR REGIONAL FORMATION

Hawkins County residents currently dispose of solid waste in a landfill owned and operated by Browning-Ferris Industries (BFI). Hawkins County has a contract with BFI to dispose in the landfill for the next nine years. County officials are very confident that a 1 year contract extension will be granted by BFI. This extension will provide the residents of Hawkins County with landfill space until the year 2003.

The Solid Waste Board feels that with existing landfill space to last until 2003, there is currently no benefit to the county to form a multi county region. It is in the best interest of the County and its residents to form a single county region. The existing landfill is close to all municipalities in the Region which eliminates expensive transportation costs to landfills outside the Region.

INSTITUTIONAL STRUCTURE

The Hawkins County Regional Solid Waste Planning Board members include:

	<u>Representing</u>	<u>Term</u>
1. Harry Burton	Hawkins County	6 yr
2. R. Frank Testerman	Hawkins County	4 yr
3. Jim Sells - Mayor	Rogersville	2 yr
4. Bascom Barrett	Hawkins County	4 yr
5. Howard Elkins	Hawkins County	4 yr
6. Sam W. Cook, Jr.	Hawkins County	2 yr
7. Fred Sandidge - Mayor	Surgoinsville	2 yr
8. Bill Grubb - Mayor	Bulls Gap	6 yr
9. Paul T. Morrison - Mayor	Church Hill	4 yr
10. James Dean - Mayor	Mount Carmel	4 yr

The first organizational meeting of the Hawkins County Regional Solid Waste Planning Board was held on May 21, 1993. The Board elected the following people to serve as officers:

11. G. Douglas Price - Chairman	Hawkins County	6 yr
12. Charlie Freeman - Vice-Chairman	Hawkins County	6 yr
13. Nancy Bell - Secretary	Rogersville	2 yr

The Board consists of citizens and city and county officials. The makeup of the Board is such to rely on the involvement of people from every municipality within the Region. The regional advisory board consists of several members of the Hawkins County community. Board members include farmers, business people, engineers, industrial representatives, and government officials. Hawkins County residents are invited to each meeting through newspaper notices. All meetings are open to the public and are always well represented by the media.

DEMOGRAPHICS

According to the University of Tennessee Department of Sociology, the 1993 projected population of Hawkins County is 44,735. The average population density in projected for 1993 is 93.17 people/square mi.

This source also projects that the population of Hawkins County will increase until the year 2000. From the year 2000 to 2010 the population is projected to begin decline. Given that the projected population increase is not too significant, it is not felt by Regional Board members that the increase in population will greatly effect the amount of waste generated.

CHAPTER I: FORMS

A. Regional Summary: Demographics

1. Name of Region Hawkins County Solid Waste Planning Region
2. Regional Population 44,465
3. Regional Area 480.1 square miles
4. Population and Population Density.

Table I-1

County	Area (Sq. Miles)	Population	Avg. Density Pop./Sq. Miles
Hawkins	480.1	44,565	92.8
Regional Total	480.1	44,565	92.8

5. Distribution of the Total Regional Population, by urban and rural areas.

Table I-2

County	URBAN		RURAL	
	Population	%	Population	%
Hawkins	16,039	36.0	28,526	64.0
Regional Total	16,039	36.0	28,526	64.0

6. Distribution of the Total Regional Population by Sex and Age.

Table I-3

Age	Total	Male	%	Female	%
0-4	2,666	1,388	52.1	1,278	47.9
5-17	7,928	4,056	51.2	3,872	48.8
18-44	18,252	9,155	50.2	9,097	49.8
45-64	9,830	4,784	48.7	5,046	51.3
65+	5,889	2,365	40.2	3,524	59.8
Regional Total	44,565	21,748	48.8	22,817	51.2

7. Distribution of Regional Population by Education(Age \geq 25).

Table I-4

	Number	%
Less than 9 grade	7,054	24
High School (1-4)	15,867	54
College (1-4)	5,780	20
Post Graduate/ Professional (>4)	857	3
Regional Total	29,558	100

8. Total Number of Households in Region 17,167.

9. Distribution by Type of Housing and Occupancy.

Table I-5

	Total Units	Occupied	Owner	Rented
Single Family 1, Detached	13,129	12,112	10,396	1,716
1, Attached	169	157	85	72
Multi-Family	1,849	1,641	118	1,523
2	209	197	22	175
3-4	351	314	15	299
5-9	460	424	22	402
10-19	584	503	5	498
20-49	147	121	1	120
50 or more	98	82	53	29
Institutional				
Mobile Home/ Trailer	3,458	3,102	2,540	562
Other	174	155	97	58
Regional Total	18,779	17,167	13,236	3,931

10. Regional Population Projections 1994-2003

Table I-6

Regional Population 1993 44,735.

County	Projection Year									
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hawkins	44,782	44,857	44,859	44,951	45,002	45,064	45,112	45,056	44,998	44,944
Regional Total	44,782	44,857	44,859	44,951	45,002	45,064	45,112	45,056	44,998	44,944

Source: UT Department of Sociology

ECONOMIC ACTIVITY

There are currently no planned major economic activities that would significantly affect the generation rate of solid waste within the Region. However given the projected increase in population in the region over the next six years, the potential for increased waste generation is possible. Although this increase in population is likely to increase waste it is not likely to significantly increase the projections for the next 10 years.

1. Basic economic information, for each county, and the region in 1991.

Table I-7

County	Population	MSA County (yes/no)	Total Employed	Total Earnings	Per Capita Income	% Population Below the Poverty Line
Hawkins	44,565	yes	15,273	2.84 mil	10,935	17.9%
Regional Total	44,565	yes	15,273	2.84 mil	10,935	17.9%

2. Non-Agriculture Employment, by Sector, in 1993 12,577.

Table I-8

County	Manufac- turing	Const.	Trade	Finance	Service	Govt.	Trans./ Pub. Utilities
Hawkins	4,428	814	2,096	571	1,858	2,385	425
Regional Total	4,428	814	2,096	571	1,858	2,385	425
%	35.2	6.5	16.7	4.5	14.8	19.0	3.4

3. Total Agriculture Employment in 1991 2,696.

Table I-9

Agriculture Employees

County	Employment
Hawkins	2,696
Regional Total	2,696

4. Prepare a regional summary of major generators of commercial and non-hazardous industrial waste in 1991. Use data from Table II-2 in the County Economic Activity Profiles, in District Needs Assessment, or data collected subsequently for the regional plan. State size criteria applied in each county(i.e., all generators > 100 employees, all generators > 50 employees, etc.).

Table I-10

County	Screening* Criteria Applied	Number of Generators	Estimated Total Quantity of Waste
Hawkins	≥ 25 employees	18	3,448 Tons
Regional Total		18	3,448 Tons

5. Prepare a Regional summary of institutions housing more than 100 persons.

Table I-11

County	Total Number of Institutions	Total Number of Students/Prisoners/Resid ents	Estimated Quantity of Waste Generated
Hawkins	NA	NA	NA
Regional Total	NA	NA	NA

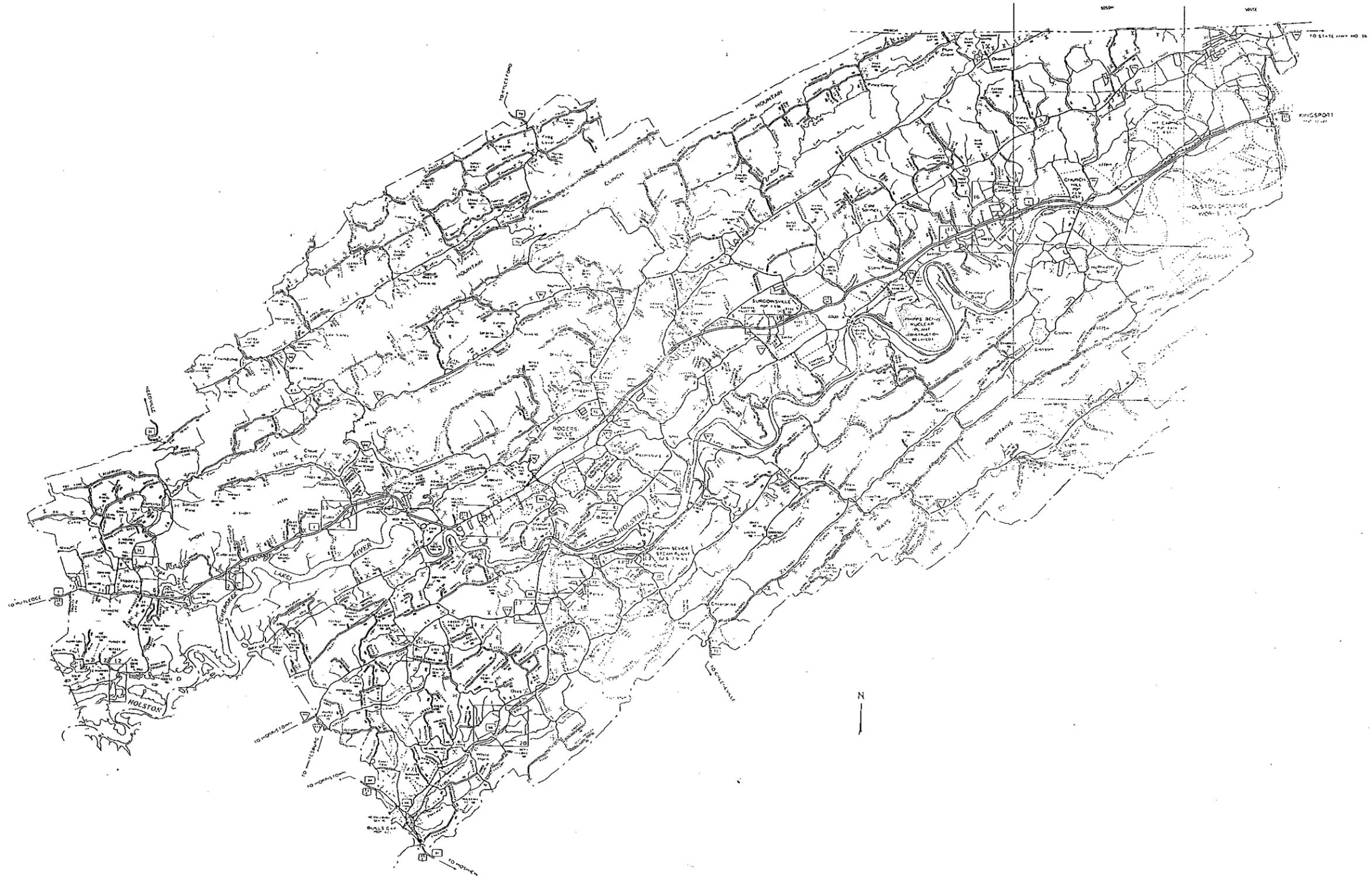
8. Provide the following data for fiscal 1993.

Table I-14

County	Total Assessed Property Value	Total Property Tax Revenue	Total Sales Subject to Sales Tax (2.75%)	Total Local Sales Tax Revenue	# Registered Vehicles	Total Wheel Tax Rev.
Hawkins	308,977,421	9,897,463 *	166,237,697	4,511,536	31,500	712,192
Regional Total	308,977,421	9,897,463 *	166,237,697	4,511,536	31,500	712,192

* Does not include Public Utilities

Regional Base Map HAWKINS COUNTY



CHAPTER II

Analysis of the Current Solid Waste Management System for the Region

Waste Stream Characteristics

Table II-1 through II-9 contained data reaggregated from the district needs assessment.

CHAPTER II: FORMS

A. Regional Summary: WASTE STREAM CHARACTERIZATION

1. Quantity of Solid Waste Received for Disposal/Incineration in Calendar 1991

Table II-1

County	Tons Disposed	Population (1991)	Waste Disposed Per Capita
Hawkins	51,000	44,622	1.14 tons
Regional Total	51,000	*44,622	1.14 tons

Source: UT Department of Sociology

2. Origin of Regional Solid Waste in 1991(Tons)

Table II-2

County	Residential	Institutional/Commercial	Non-Hazardous Industrial	Special	Other
Hawkins	33,150	10,200	6,630	1,020	
Regional Total	33,150	10,200	6,630	1,020	

3. Acceptance of Certain Categories of Solid Waste for Disposal or Incineration

Table II-3

County/ Facility	Yard Waste Clippings-Leaves- Grass		Sewage Sludge		Const./ Demolition		Tires		White Goods	
	Y/N	Qty	Y/N	Qty	Y/N	Qty	Y/N	Qty	Y/N	Qty
Hawkins/ BFI, Inc	Y	500 T	Y	<1 T	Y	2100 T	Y	12 T	N	
Regional Total		500 T		<1 T		2100 T		12 T		

* White Goods-discarded major appliances, such as refrigerators, ranges, etc.

4. Description of the Waste Stream By Materials

Table II-4

<u>Waste Category</u>	<u>National %</u>	<u>Calculated Regional Tons</u>
Paper & paperboard	40.0	20,400
Glass	7.0	3,570
Ferrous Metals	6.5	3,315
Aluminum	1.4	714
Other Non-Ferrous Metals	0.6	306
Plastics	8.0	4,080
Rubber & Leather	2.5	1,275
Textiles	2.1	1,071
Wood	3.6	1,836
Food Waste	7.4	3,774
Yard Waste	17.6	8,976
Misc. Inorganic Waste	1.5	765
Other	1.7	867
TOTAL MUNICIPAL SOLID WASTE	100.0	

5. Unmanaged Waste*

Table II-5

County	Potential Waste Generation 1991 tpy	Actual Waste Disposed 1991 tpy	Unmanaged Waste 1991 (potential/actual) tpy	Percent of Potential Total
Hawkins	48,795	51,000	NA	100 %
Regional Total	48,795	51,000	NA	100 %

* Wastes that are "outside" the collection system such as materials in roadside dumps, litter, etc.

WASTE COLLECTION AND TRANSPORTATION SYSTEMS

The locations of all waste collection facilities and service areas are found on the system map found later in this chapter.

1. The following is a list of various collection systems and the number of households served by each system.

	<u>Number of Households</u>
Convenience Centers	10,000
House-to-House	7,256
Green Boxes	--
Direct Commercial/ Contracted Service	--
No service	--

The Region has 8 convenience centers located throughout Hawkins County that provide service to a majority of the households. The convenience centers are "state of the art" and the number currently in use exceeds the number required by law for this Region.

2. The following is a breakdown of the number of households served by each municipality or private hauler within the region.

	<u>Number of Households</u>
Town of Rogersville	² 2,000
Town of Surgoinsville	600
Town of Bulls Gap	296
Town of Mount Carmel	1,700
Town of Church Hill	2,500
Browning-Ferris Ind.	160
	<hr/> 2-4
	7256

SOURCE REDUCTION AND RECYCLING SYSTEMS

The following table contains the private for-profit recycling facilities in the region. The service area and the type of recycling program is also listed.

<u>Name</u>	<u>Service Area</u>	<u>Type</u>
East TN Iron and Metal	Rogersville	Buy Back
Reynolds Aluminum	Rogersville	Buy Back Drop-Off

The following table contains the private non-profit recycling facilities in the region.

<u>Name</u>	<u>Service Area</u>	<u>Type</u>
Food City	Hawkins County	Drop-Off
Carter Valley Convenience Center		Drop-Off
113 Convenience Center		Drop-Off

*Food City stopped collecting recyclables in early 1994.

The drop-off facility operated by Reynolds Aluminum is a temporary sites. Recycling at Food City was available once per month. White goods and metal are collected for recycling at the eight convenience centers. Drop-Off facilities located at Carter Valley and 113 Convenience Centers are county operated facilities for the collection of paper, aluminum cans, plastic, and glass. There are preliminary plans being made by the Planning Board to establish a recycling center within the Region. The proposed recycling center is likely to be located at an existing convenience center, however this idea is still in very preliminary stages at this point.

The locations of all recycling collection sites and processing facilities are found on the system map.

WASTE PROCESSING, COMPOSTING, and WASTE-TO-ENERGY/INCINERATION SYSTEMS

1. Waste Processing Facilities

<u>Landfill</u>	<u>Operated By</u>	<u>Life Remaining</u>	<u>Class</u>
Carter Valley	BFI, Inc.	extension based on volume	I
Materials Recovery and Development Corporation	Jim Brooks	2 years	I

Browning-Ferris Industries recently received a permit extension on the Carter Valley Landfill. The extension is based the volume of waste that can be received. 16 million air space yards is the volume of the extension. The site of the landfill extension is located adjacent to the existing landfill. The extension will ensure a place to dispose of Hawkins County waste for the next 10 years.

Materials Recovery and Development Corporation is privately owned landfill which does not accept any waste collected from county sponsored collection services.

2. Composting

There are currently no composting facilities or planned facilities located in the Planning Region. A regional composting facility project has been discussed by the Planning Board, but is currently in the planning stages thus the location and other specifications have yet to be determined.

Table II-6

6. Operating and Planned Composting Facilities in the Region

EXISTING

Composted Materials

County	Facility Location	Tons of Waste Processed/Yr	Yard Waste	Sewage Sludge	Solid Waste

PLANNED

Composted Materials

County	Facility Location	Tons of Waste Processed/Yr	Yard Waste	Sewage Sludge	Solid Waste

3. Waste-to-Energy/Incineration

There are currently no waste-to-energy or incineration facilities located within the Region.

7. Municipal Solid Waste Incineration or Waste-to-Energy Facilities in the Region

Table II-7

Operating Facilities

County	Facility Location	Design Capacity tons/yr	Current Use tons/yr	Anticipated Operating Life of Facility

Planned Facilities

County	Facility Location	Design Capacity tons/yr	Current Use tons/yr	Anticipated Operating Life of Facility

8. Existing Municipal Solid Waste Landfills in the Region

Table II-8

County	Name of Landfill	Location	Permitted Capacity (Acres)	Current Rate of Waste Accepted (tons/day)	Remaining Capacity (tons)
Hawkins	Carter Valley	Carters Valley	22	200	71,000
Hawkins	Materials Recovery and Development Corporation	Rogersville			
Regional Total					

9. Existing Landfills Expected to Close Before 2003

Table II-9

County	Location	Current Use (tons/day)	Current Annual Use (tons/yr)	Anticipated Date of Closure
Hawkins	Rogersville			1996
Regional Total				

10. Planned Expansions and Planned New Facilities Which Will Operate for Ten Years or More.

Table II-10

County	Expan.	New	Location	When Will Cap. be Avail.	Permitted Cap. Sought (acres)	Design Rate of Waste (tpd) Disposed	Potent. Expansion Yes/No
Hawkins	X		Carter Valley		98	16 mil air space yards	
Planned New Reg. Capacity							

11. Total Existing and Planned Capacity in the Region at the Close of the Next Ten Years.

TONS

Year	Existing	Planned	Total
FY 1993	71,100	4,700,000	4,771,000
FY 1994	20,000	4,700,000	4,720,000
FY 1995		4,669,000	4,669,000
FY 1996		4,618,000	4,618,000
FY 1997		4,567,000	4,567,000
FY 1998		4,516,000	4,516,000
FY 1999		4,465,000	4,465,000
FY 2000		4,414,000	4,414,000
FY 2001		4,363,000	4,363,000
FY 2002		4,312,000	4,312,000
FY 2003		4,261,000	4,261,000

DISPOSAL FACILITIES - LANDFILLS AND BALEFILLS

Carter Valley Landfill SNL 37-104-0166

Background

The Carter Valley Landfill is located on Carter Valley Road just past the city of Church Hill. The landfill is a class I facility owned and operated by Browning-Ferris Industries. This facility will receives solid waste from Hawkins and other counties.

The landfill was permitted in 1982 and accepts a volume of 200 tons of solid waste per day which is mainly from residential sources. It is located in a secluded area approximately 10 miles from highway 11W. The BFI property is surrounded by large trees and very few houses. Cover material for the landfill is located on the site.

Waste Description

The landfill receives 65% of its waste from residential sources, 20% from commercial sources, 15% from industrial(non-hazardous) sources, and 5% from institutions such as schools, hospitals, and jails.

The facility accepts 500 tons per year of land clearing wastes, 2,100 tons per year of demolition wastes, and 2,000 tons per year of special wastes. Special wastes include rubber and metal strips from Kingston-Warren Corporation. 12 tons per year of scrap tires is also accepted at the landfill.

Current Conditions

Tom Aaron, an employee of BFI, is manager of the landfill. Operating hours of the facility are 7:30 a.m. - 3:30 p.m. Monday thru Friday and 8:00 a.m. - 12:00 p.m. on Saturday.

The tipping fee at the landfill is \$6.00 per yd³. Tipping fees for special wastes is \$20 yd³. Cities, counties, and individuals are permitted to use the landfill.

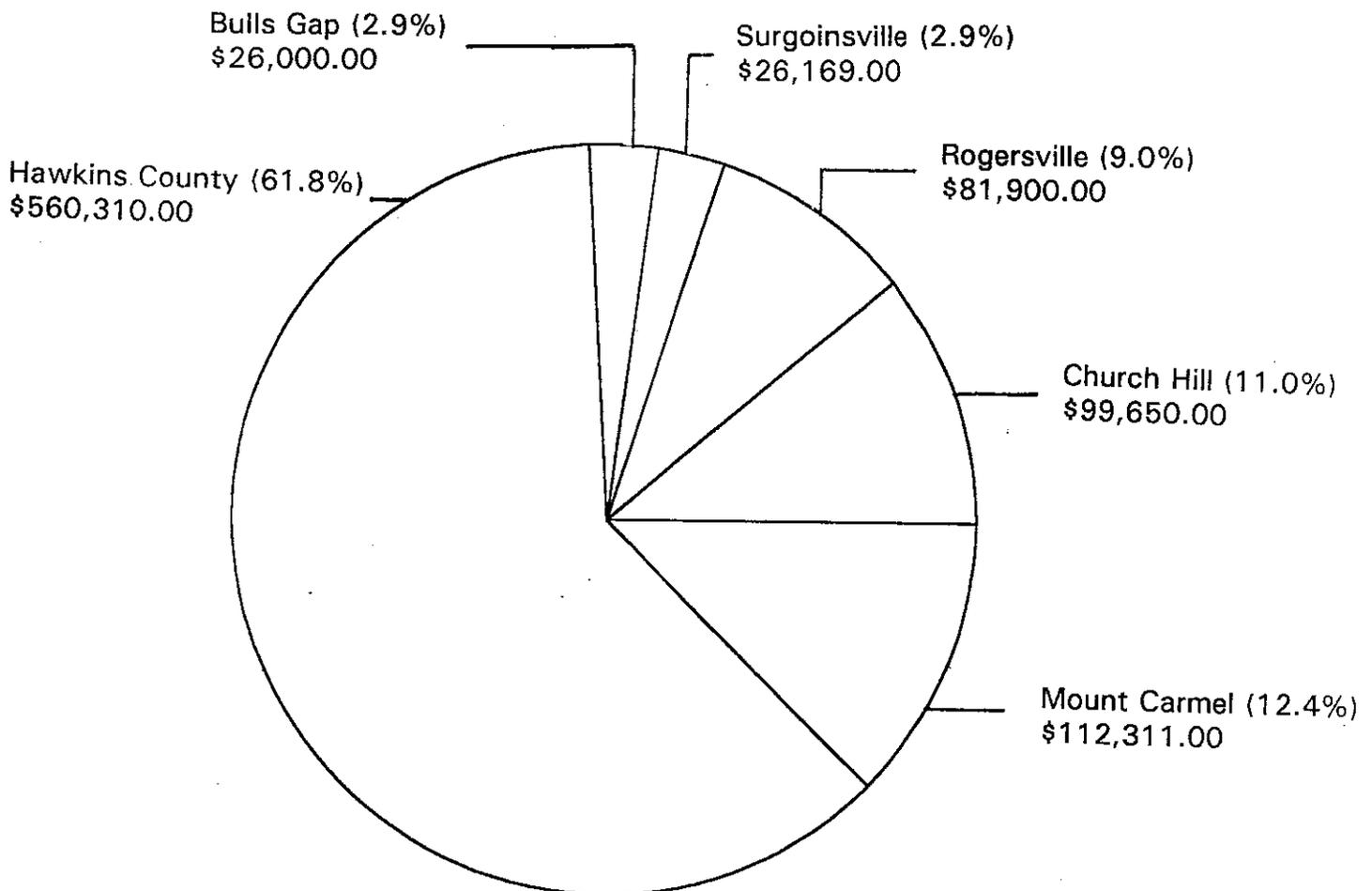
Future Plans

BFI recently received a permit extension for the facility. The capacity of the extension is 16 million air space yards. This extension ensures landfill capacity for Hawkins County to the year 2003. The tons/day of waste to be taken at the facility will be driven by the market value of the waste.

Other Disposal Facilities

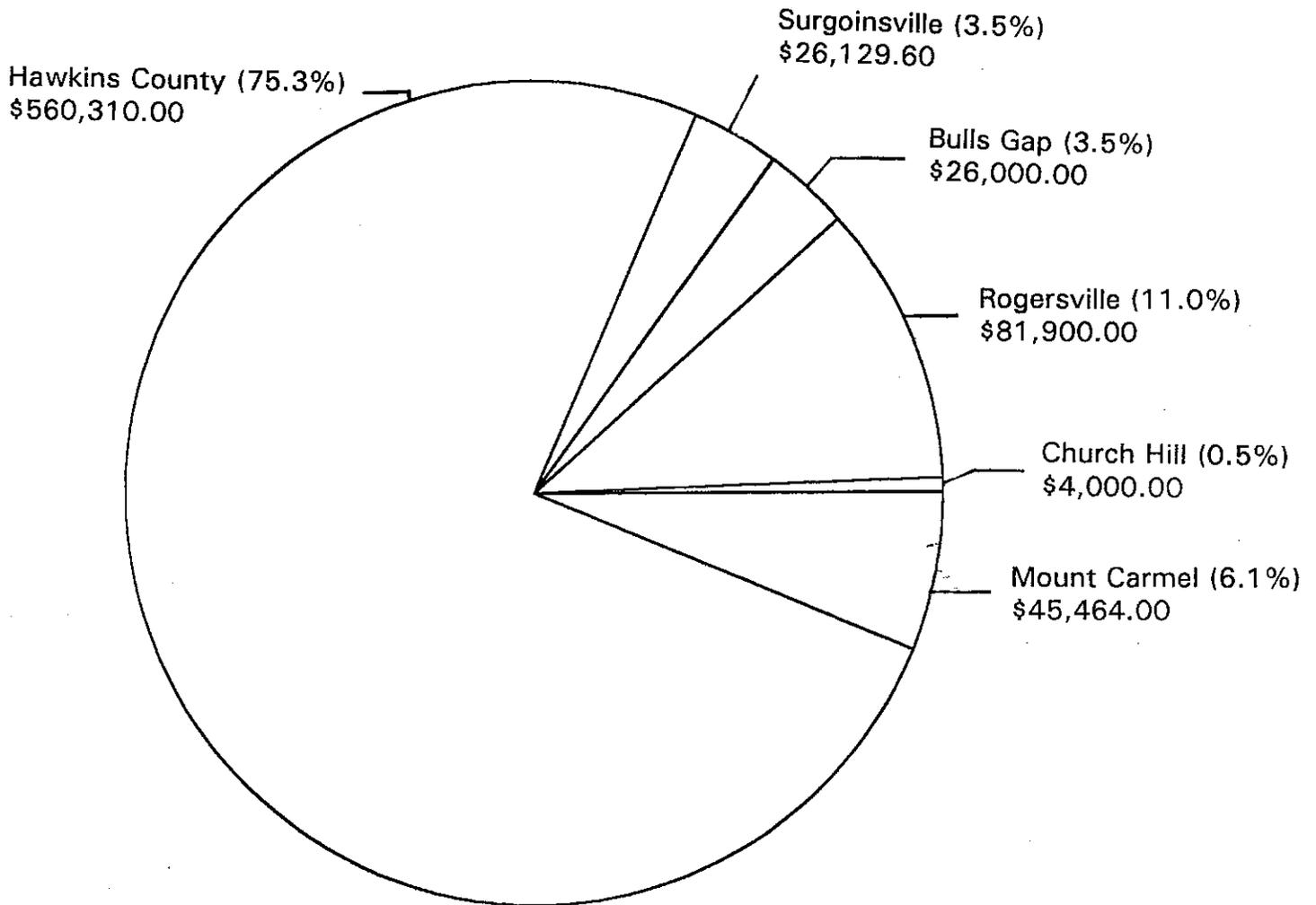
There are no other disposal facilities located within the Hawkins County Planning Region which the County uses. There is another Class I facility owned and operated by a private citizen.

COSTS OF THE CURRENT SYSTEM



Costs of the current system include transportation, collection, and disposal.

REVENUES



Revenues from the current system include general tax revenues from Rogersville, Bulls Gap, Surgoinsville, and Hawkins County, sale of recyclables from Hawkins County, and garbage pick-up from Mount Carmel and Church Hill.

PUBLIC INFORMATION AND EDUCATION PROGRAMS

The Friends of the Clinch-Powell River is a county wide conservation organization. This organization conducts recycling educational programs and provides the communities with educational materials. Most recently the Friends of the Clinch-Powell River and the Hawkins County Chamber of Commerce conducted a county wide study of recycling programs in county businesses and industries. The goals of this study were:

- to determine the current state of voluntary recycling, as a baseline of information to guide a planning process.
- identify major need and opportunity areas.
- get suggestions from participants as to how to encourage and increase recycling efforts.
- begin to identify existing or potential ways to close solid waste/recycling loops in the area.

This study was conducted by Letitia C. Langord and Nancy Withington Bell of the Friends of the Clinch-Powell River.

The Region is also in the initial stages of beginning a Keep America Beautiful Program. This is a five county rural program of which Hawkins County is a member.

The Clinch-Powell Resource Conservation and Development Council runs some demonstration programs and public education efforts through the city and county school systems within the Region. Schools and community-based education programs are located on the system map as required by this chapter.

PROBLEM WASTES

This section will be addressed in greater detail in Chapter X. Problem wastes such as household hazardous wastes will be maintained using the state's mobile collection unit. Paint, solvents, household pesticides, etc. are among the items to be managed by the county using this system. Used oil is collected at all convenience centers and is transported for treatment by a private company.

Used tires will be shredded and landfilled in the county landfill. Tire shredding will be done on a volume demand basis using the state's mobile tire shredder.

STRENGTHS AND WEAKNESSES OF EXISTING SYSTEM

The Hawkins County Solid Waste Planning Board has identified several strengths and weaknesses with the current system. These were identified through board discussion.

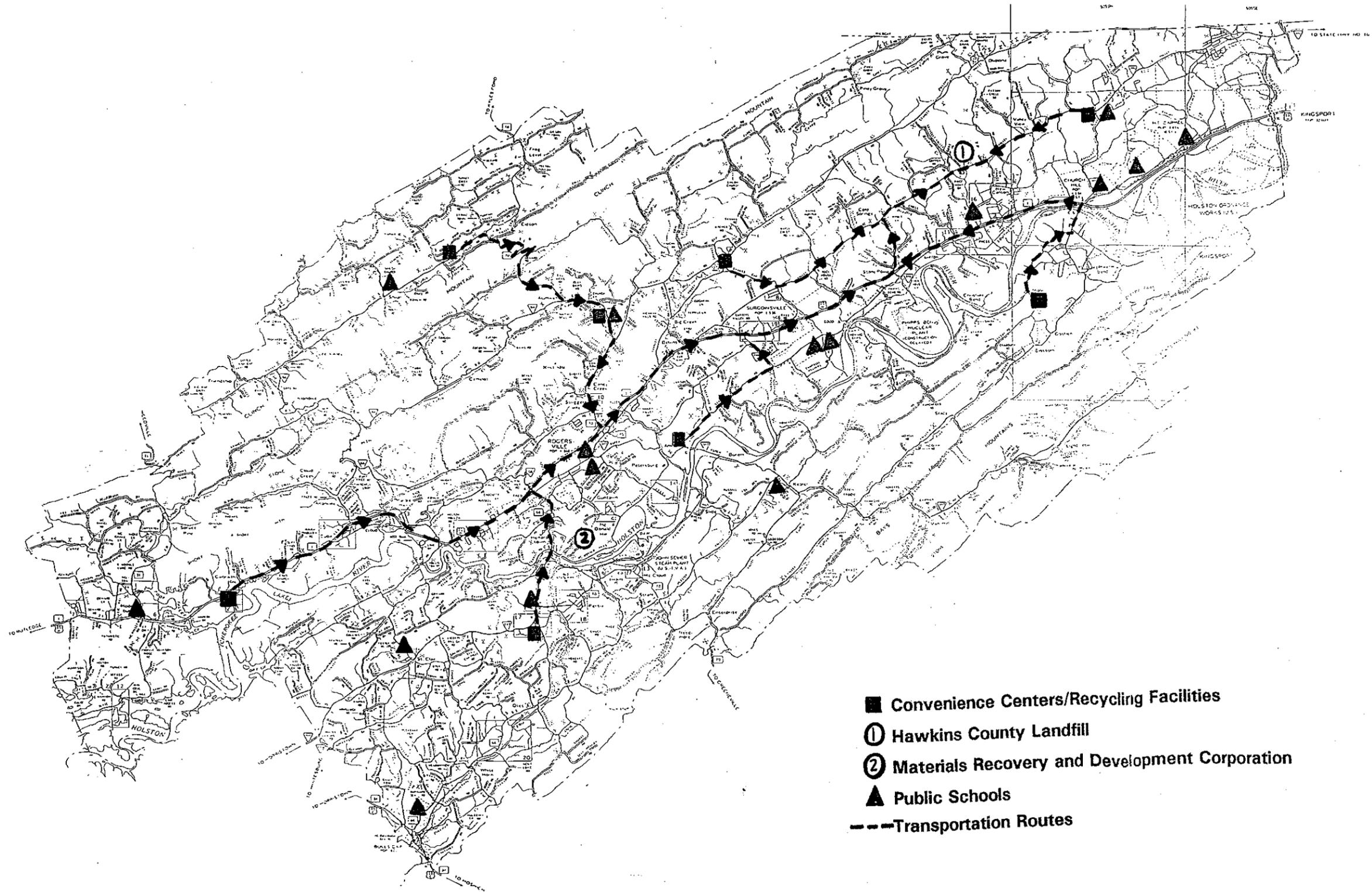
Strengths

- The County has a 10 year contract with BFI for use of the county landfill. County officials are confident that this contract can be extended if necessary.
- The County has eight convenience centers already in operation. This is a considerable number more than is required by law.
- Work release program operated by the Sessions Court and a litter grant from the State of Tennessee utilizes work release personnel to control litter in the County.
- Drop-off recycling programs at local grocery and discount stores as well as buy back programs at local industries.

Weaknesses

- Transporting and collection options are limited by the geographic terrain and remoteness of some areas in the County.
- Educating the public on proper disposal of waste has been identified as a major weakness in the system. Several illicit dumps are registered with the Tennessee Department of Conservation.
- The County currently only has 1 private hauler operating in the Region.
- A privately owned landfill does not allow the County to control the tipping fees or regulate waste received at the landfill.

Regional Waste Disposal Facilities HAWKINS COUNTY



CHAPTER III

Growth Trends, Waste Projections, and Preliminary System Structure

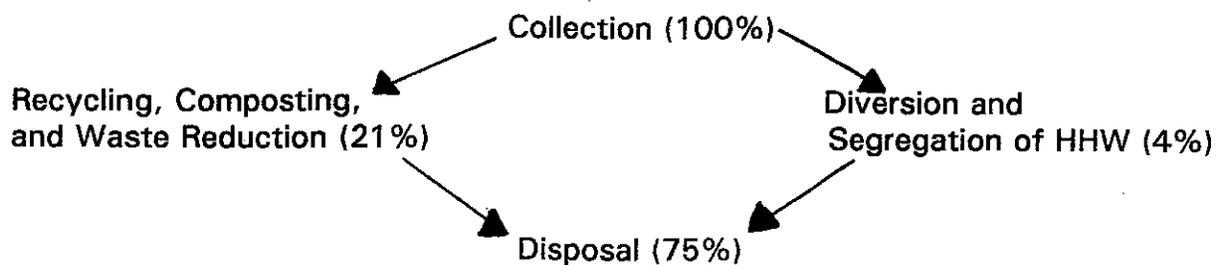
A. Projections of the Solid Waste Stream Quantity through 2003 are found in table III-1 thru III-8.

Preliminary System Design

There are five major components in the integrated solid waste management program established by the Region. The five components are consistent with those outlined in the Solid Waste Management Plan Guidelines as directed by the State of Tennessee. The components of the Hawkins County regional plan are:

1. Collection and Transportation
2. Special and Household Hazardous Wastes
3. Waste Reduction, Recycling, Composting, and Diversion
4. Disposal
5. Public Education

These components make up a preliminary system design established to achieve the waste reduction goal of 25%. The following flow diagram illustrates how each component will fit into the design. Percentages shown are targeted amounts to be reduced from the initial waste stream by each of the strategies. This design will result in 75% of the initial waste stream being disposed in a landfill.



The special waste category in this design primarily refers to rubber and metal strips from Kingston Warren Corporation. About five tons a week of these special wastes are received at the landfill. Approximately 12 tons/yr of waste tires are also received at the landfill. These tires will be stored at an approved storage site and shredded using the mobile shredding unit operated by the State of Tennessee. More detail of the storage site will be discussed in Chapter X. Household hazardous wastes will be managed biannually by the Household Hazardous Waste Mobile Collection Unit. Wet cell battery and waste oil storage sites will be discussed in detail in Chapter X.

Five strategies have been identified by the Region to reach the 25% reduction goal. These strategies are:

1. Diversion
2. Recycling
3. Composting
4. Waste Minimization
5. Segregation of Household Hazardous Wastes and special wastes

Through diversion and an segregation of household hazardous wastes, the region can eliminate approximately 4% of the total waste stream. Waste minimization, recycling, and composting will account for the remaining 19% that needs to be eliminated from the waste stream.

These strategies will allow the region to meet the 25% reduction goal established by the State of Tennessee.

Evaluation Criteria

Specific evaluation options of the solid waste management plan will be introduced in upcoming chapters. Emphasis will be placed upon integration of evaluation criteria used with the current system. Evaluation of the plan will be based upon the following criteria:

1. Public Acceptance of the Plan
2. Compliance with Current or Proposed Environmental Legislation
3. Environmental Impacts of the Proposed Plan
4. Periodic Calculations of Unmanaged Waste
5. Implementation Schedule of the Proposed Plan

CHAPTER III: FORMS

1. Complete the following Table, summarizing calculations of annual per capita solid waste generation rates, for each county in the region.

Table III-1*

County	Total Waste Disposed in FY 1993	Projected Population 1993	Annual Per Capita Generation Tons/Person/Yr
Hawkins	29,990 tons	44,782	0.67
REGIONAL TOTAL	29,990 tons	44,782	0.67

* Aggregate from items 2, 3, and 4 in Chapter IV.A of the District Needs Assessment County Profiles.

2. Summarize the projected quantity of solid waste requiring disposal(generation)in the region in each projected year, adjusted for population changes.

Table III-2*

Quantity of Solid Waste Requiring Disposal(tons)

County	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hawkins	51,051	51,137	51,180	51,244	51,130	51,373	51,428	51,364	51,298	51,236
REGIONAL TOTAL	51,051	51,137	51,180	51,244	51,130	51,373	51,428	51,364	51,298	51,236

Source: Aggregate from Tables IV-1 in District Needs Assessment County Profiles, as extended.

3. Summarize the projected quantity of solid waste requiring disposal in the region for each projection year, adjusted for population growth and economic growth.

Table III-3*

Quantity of Solid Waste Requiring Disposal(in tons) Adjusted for Population and Economic Growth

County	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Hawkins	52,562	52,682	52,789	52,930	53,031	53,154	53,102	53,408	53,528	53,531
REGIONAL TOTAL	52,562	52,682	52,789	52,930	53,031	53,154	53,102	53,408	53,528	53,531

* Aggregate from Table IV-3 in District Needs Assessment County Profiles, as extended.

4. Summarize the projected quantities of solid waste requiring disposal(= generation)for each projection year, adjusted for population growth, economic growth, and source reduction, recycling, and industrial process change.

Table III-4*

Quantity of Waste Requiring Disposal(in tons)Adjusted for Population Changes, Economic Growth, and Waste Reduction and Recycling

County	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hawkins	43,302	39,720	39,805	39,903	39,825	40,105	40,199	40,207	40,150	40,158
REGIONAL TOTAL	43,302	39,720	39,805	39,903	39,825	40,105	40,199	40,207	40,150	40,158

* Aggregate from Table IV-4 in District Needs Assessment County Profiles, as extended.

8. Prepare a Summary Table indicating projected quantities of solid waste which will require collection and disposal in each projection year, after adjustment for all applicable factors.

Table III-8

Annual Projections of Solid Waste Requiring Disposal Adjusted for All Applicable Factors(in tons/year)

County	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Hawkins	43,302	39,720	39,850	39,903	39,825	40,105	40,199	40,207	40,150	40,158
REGIONAL TOTAL	43,302	39,720	39,850	39,903	39,825	40,105	40,199	40,207	40,150	40,158

CHAPTER IV

Waste Reduction

ESTABLISHING A BASE YEAR QUANTITY

The Hawkins County Solid Waste Planning Board is dedicated to meeting the waste reduction goal of 25% as mandated by the State of Tennessee. Individual waste reduction goals are such that periodic evaluations can be made to determine continued progress in maintaining the current per capita rate.

Table IV-1

Population and Quantities of Waste Disposed of at Municipal Solid Waste Disposal Facilities and Incineration, in 1989 according to UT Study.

County	1989 Population	1989 Total Waste Disposed (tons)
Hawkins	45,800	42,900
Regional Total	45,800	42,900

A study conducted by the University of Tennessee indicates that the per capita waste generation rate for the base year of 1989 was 0.94 tons/yr. Hawkins County has applied for a variance to adjust the base year figure to 1990 volumes which includes some diversion taking place prior to or during 1989.

Table IV-2

Adjusted Base Year Disposal Rate

County	1990 Population	*1990 Total Waste Disposed Including Diversion Volumes	Waste Generation Rate Per Capita
Hawkins	44,565	64,200 tons	1.44
Regional Total	44,565	64,200 tons	1.44

* This volume includes the amount added for diversion taking place in or prior to 1989. Supporting documentation and approval letters for the Region are found in Appendix B.

STRATEGIES FOR MEETING THE WASTE REDUCTION GOAL

Regional Goals

The goals of the Hawkins County Solid Waste Planning Region are to reach the State mandated 25% waste reduction goal through expansion of existing programs such as recycling, industrial reduction, and diversion and segregation of household hazardous wastes. The Region will continue to maintain the 25% reduction through continued public education and expansion of existing programs.

Recycling - Recycling programs will probably be where a majority of the waste reduction will take place. Currently the Region has three drop-off locations for recyclables. Reynolds Aluminum, which operates one time per month, and the two county operated facilities are the three participants in the drop-off program. The Region is fortunate to have two industries which operate buy back programs for recyclable steel and aluminum. These are East Tennessee Iron and Metal and Reynolds Aluminum.

The Region recently established two drop-off recycling facilities at the two most used convenience centers. Used oil is collected for recycling at each of the convenience centers and transported for reuse by a private company. White goods, plastic, aluminum, paper, glass, and metal are also collected for recycling at the convenience centers.

The Region is considering membership in the Recycling Market Cooperative for East Tennessee (RMCET). This would enable the County to secure markets for recyclables that aren't currently available.

As a part of the Solid Waste Management Act of 1991, the Region is proposing a county-wide recycling program utilizing drop-off recycling centers located at each of the convenience centers. Implementation schedule, staffing requirements, budgets, etc. for the center will be addressed in Chapter 6.

Diversion - 2100 tons of the overall waste stream is construction and demolition waste. Diversion of this volume of waste to a Class IV landfill would decrease the amount of material going to a sanitary landfill by 2%. Currently the County does not have a Class IV landfill, however there are two Class IV landfills located in a neighboring county to allow for low cost transportation if needed.

Composting - It is estimated that approximately 500 tons of yard wastes are deposited at the landfill each year. The County currently does not have a composting program, however Solid Waste Planning Board members have discussed the possibility of constructing a composting facility as a component of the solid waste management plan. The facility would be located in conjunction with the recycling center. The proposed composting facility will be discussed in detail in Chapter 7. A formal composting program could eliminate approximately 2% of the total waste stream going to the landfill.

Waste Reduction - The Region will be able to reduce the most waste through residential recycling, business and industrial recycling, and industrial waste reduction. A recent study conducted by a local environmental group identified several ways industries are recycling and improvements in recycling that need to be made. By initially identifying the current conditions and the future needs of industries in the County, significant industrial waste reduction and recycling will be a more attainable goal.

The Board has estimated the amount of reduction needed through each strategy to meet the 25% reduction goal.

	1995 Goal
Diversion & Segregation of HHW	4%
Composting	2%
Residential Recycling	6%
Business and Industrial Recycling	6%
Industrial Waste Reduction	<u>7%</u>
	25%

HHW - *Household Hazardous Wastes*

Economic Incentives or Disincentives, and Regulatory Bans

The Regional Planning Board has not identified any economic incentives or disincentives to encourage proper disposal of municipal solid waste. However if the need arises in the future the planning board will initiate economic incentives to industries and private citizens to ensure the Region will meet the 25% waste reduction goal.

There are currently regulatory bans on improper disposal of solid waste. Violations of the bans are channeled through the circuit court. Stricter bans or tougher penalties could be addressed by the Board to ensure compliance with current laws.

Table IV-2**Projected Waste Reduction by Materials**

Material	Regional Tons	Tons Reduced
Paper	20,400	5,094
Glass	3,570	891
Ferrous Metals	3,315	827
Aluminum	714	178
Non-ferrous Metals	306	76
Plastics	4,080	1,019
Rubber & Leather	1,275	318
Wood	1,836	458
Food Wastes	3,774	942
Yard Waste	8,976	2,241
Misc. Inorganic Wastes	765	191
Textiles	1,071	0
Other	867	216
Total	50,949	12,737

Table IV-3**Projected Waste Reduction by Economic Sector (tons)**

County	Residential	Commercial	Institutional	Industrial	Total
Hawkins	3,184	1,592	1,592	6,370	12,737
Total	3,184	1,592	1,592	6,370	12,737

Due to the fact that the Region does not have adequate figures on recycling materials received at drop-off locations, Table IV-3 is an estimation of waste reduction by economic sector. These estimations are based on the target waste reduction percentages mentioned earlier in this chapter.

Table IV-4

**Projected Waste Reduction by Year
(tons)**

County	1994	1995	1996	1997	1998
Hawkins	12,763	12,784	12,795	12,811	12,783
Total	12,763	12,784	12,795	12,811	12,783

1999	2000	2001	2002	2003
12,843	12,857	12,841	12,825	12,809
12,843	12,857	12,841	12,825	12,809

Projected waste reduction volumes by year are based on the quantity of waste requiring disposal after adjustment for population growth.

Implementation, Data Collection, and Progress Reports

Implementation schedules for waste reduction strategies such as recycling and composting will be discussed in detail in Chapters 6 and 7.

The Hawkins County Recycling Coordinator will be responsible for the upkeep of recycling records generated at county recycling facilities. Data collected from city operated recycling programs will be maintained by city officials. Solid waste volumes received at the county landfill, will be recorded by landfill officials.

Data collected from recycling programs and data collected at the sanitary landfill will be maintained by the County Recycling Coordinator and will be filed in the County Executive's office.

Information needed for annual progress reports will be compiled by the Regional Solid Waste Planning Board with the assistance of the First Tennessee Development District. The Development District will assist the County in submitting these progress reports to the State.

**Table IV-5
Estimated Quantities of waste removed or Diverted From the Waste Stream (tons)**

Year	Previous Reductions	Recovered & Recycled	Diverted to Alternative Disposal	Economic Incentives	Other	Total
1985 to 1989		9,300				9,300
1990						
1991						
1992						
1993						
1994		9,699	2,024		1,021	12,744
1995		9,716	2,045		1,022	12,783
Subtotal		28,715	4,069		2,043	34,827
1996		9,724	2,047		1,023	12,794
1997		9,736	2,049		1,024	12,809
1998		9,714	2,045		1,022	12,781
1999		9,760	2,055		1,027	12,842
2000		9,771	2,057		1,028	12,856
2001		9,759	2,054		1,027	12,840
2002		9,746	2,052		1,026	12,824
2003		9,734	2,049		1,024	12,816
Total		106,659	20,477		10,244	137,389

CHAPTER V

Waste Collection and Transportation

Existing Conditions

The minimum type of collection service required by the Solid Waste Management Act of 1991 is a network of convenience centers. The convenience centers should supplement or complement the collection services offered by municipalities. The Hawkins County Solid Waste Planning Region has eight convenience centers currently located within its boundaries. This number significantly exceeds the number of convenience centers required for Hawkins County. The method used to calculate the appropriate number of centers is:

$$\frac{44,782 \text{ (1993 Regional Population)}}{12,000 \text{ (constant)}} = 3.73 = 4.00$$

These convenience centers are "state of the art" and contain areas for used oil collection. Some of the centers are located on private property which is used by the County with permission. The Planning Board has addressed the possibility of relocating some of the centers to county property or buying the property on which the centers are now located. Whichever option the board chooses will not decrease the number of convenience centers currently in place.

All municipalities in the Region provide house-to-house collection services for their residents. Browning Ferris Industries also provides house-to-house collection within the Region. The following table is a listing of the number of households served by each municipality.

Town of Rogersville	2,000 households
Town of Church Hill	2,500 households
Town of Mount Carmel	1,700 households
Town of Surgoinsville	600 households
Town of Bulls Gap	296 households
Browning Ferris Industries	160 households

The 7,256 households served by house-to-house collection represents 42% of the total number of households in the Region. The remaining 58% of households utilize convenience centers for disposal of solid waste. Since County residents are sufficiently served by either house-to-house collection or by convenience centers there are no plans to establish any new convenience centers.

However, it is the feeling of the planing board that if there is a need to upgrade collection services in the next 10 years, the County will do what is necessary to ensure that residents continue to receive proper solid waste collection services.

Meeting Collection and Transportation Needs

Hawkins County is fortunate to have a privately operated landfill in a central location of the County. The landfill which is operated by BFI recently received a 16 million air space yard extension. County officials have negotiated a contract with BFI to use the landfill for nine years. County officials have recieved a letter from BFI stating that BFI will extend the contract for an additional year which is needed to meet the requirements of the Solid Waste Management Act of 1991.

Each city in the County provides door-to-door collection services to residents. The collection services are contracted through BFI or waste Management Inc. Planning board members identified one private hauler who collects solid waste in the County. The network of convenience centers provides nearly 60% of the service in the County. The Solid Waste Planning Board addressed the need to upgrade the convenience centers to meet the standards set by the Solid Waste Management Act of 1991. Hawkins County will apply for state grants to upgrade these centers, while realizing that additional money will be needed and generated through a possible tax increase.

Since there is no single population center in the Region, the Solid Waste Planning Board feels that establishing a transfer station is not necessary. Each collection vehicle transports directly to the landfill which is not more than 15 miles from any city or convenience center. Collection and Transportation services will not be upgraded as part of the solid waste plan, however the planning board is committed to providing improved collection services if the need to upgrade is identified.

Staffing and Training

Hawkins County currently utilizes personnel from the Hawkins County Work Release Program to periodically assist in maintaining the convenience centers. This is in addition to the full-time employee stationed at each center. This program is managed by a Hawkins County official who also is the Litter Grant Manager.

It is determined as of January 1994 that no additional staff will be needed to enable the County to meet the goals of this plan. The Planning Board is confident that all transportation and collection needs will be met with the current number of staff. As part of an ongoing effort to continue to educate county and city solid waste employees, all training will be initiated or updated as is needed.

10 Year Budget

Table V-1

	1994	1995	1996	1997	1998
Collection, Transport., Disposal	\$870,640	\$914,372	\$960,090	\$1,008,094	\$1,058,498

	1999	2000	2001	2002	2003
Collection, Transport., Disposal	\$1,111,422	\$1,166,993	\$1,225,342	\$1,286,609	\$1,350,939

Implementation Schedule

Table V-2

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Consider Upgrading Conv. Centers										
Updates to the Plan										
Data Collection										

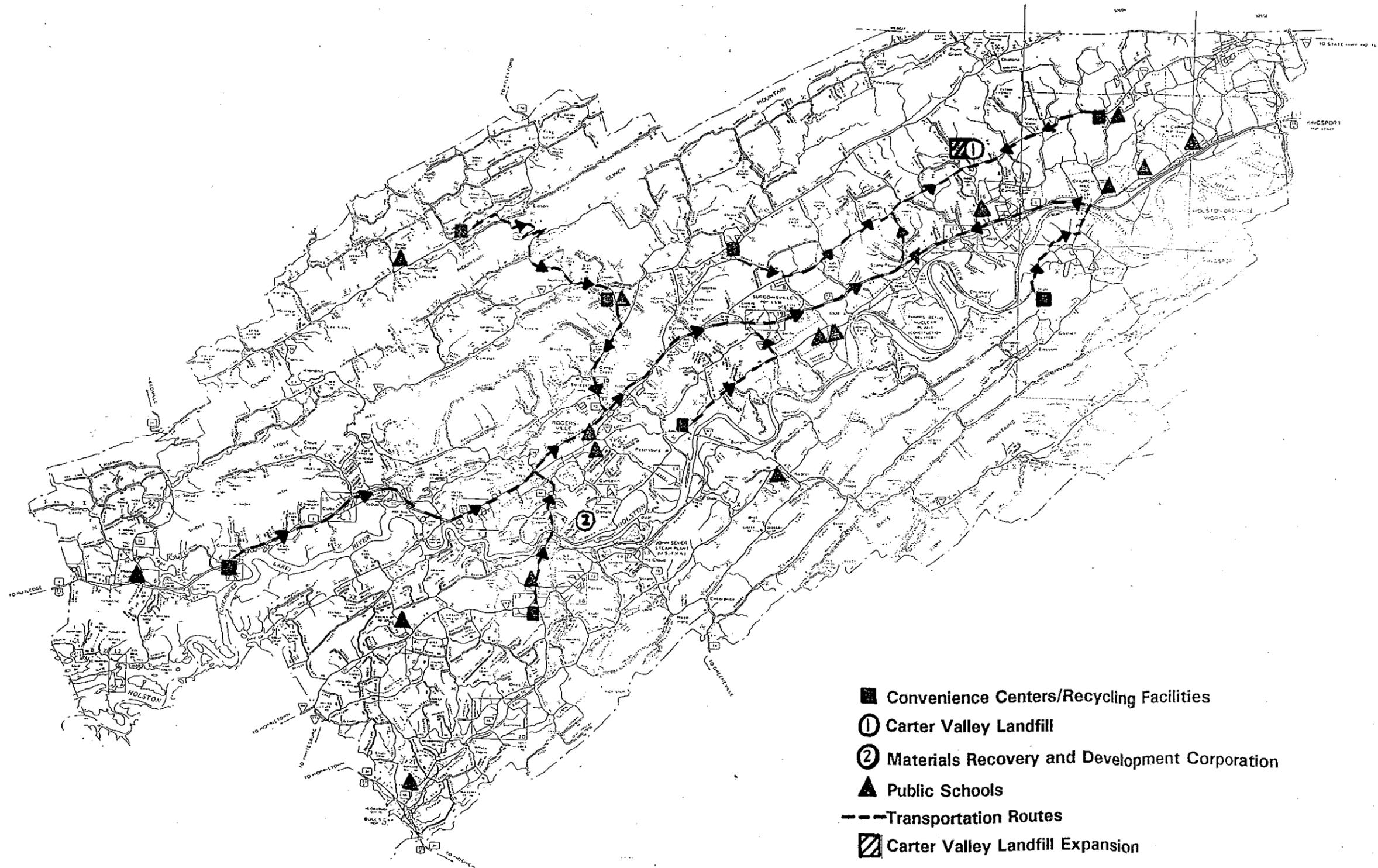
Data Collection and Annual Reports

Data collection pertaining to the regional solid waste plan will begin immediately after approval of the plan. Data will be collected at the Carter Valley Landfill by landfill employees. All data needed for preparing annual reports to the State will be collected by the Hawkins County Recycling Coordinator and maintained in the County Executive's office. Data analysis will be the responsibility of the Planning Board with the assistance of Development District staff. Development District staff will assist the County in submitting these progress reports to the State.

Indication of Facilities on Composite Map

All existing and new facilities in the regional collection and transportation system are indicated on the composite map located in Chapter XI. Probable waste flows from each municipality and convenience center are also located on this map.

Regional Waste Disposal Facilities HAWKINS COUNTY



- Convenience Centers/Recycling Facilities
- ① Carter Valley Landfill
- ② Materials Recovery and Development Corporation
- ▲ Public Schools
- Transportation Routes
- ▨ Carter Valley Landfill Expansion

CHAPTER VI

Recycling

Existing Conditions

Currently Hawkins County has three temporary drop-off locations and collection boxes at each of the convenience centers for the collection of recyclables including metal and white goods. Newspaper, aluminum, plastic, and cardboard are collected at the Reynolds Aluminum temporary drop-off location and the county operated facilities. Waste oil is collected at convenience centers. The temporary drop-off location is operated by Reynolds Aluminum and receives limited participation from the County's 44,735 residents.

Several industries within the County contract directly with private recycling firms that provide routine collection of paper and paperboard from the industries. There are two private companies that offer buy-back programs. East Tennessee Iron and Metal and Reynolds Aluminum buy aluminum and steel from residents.

In late 1993 Hawkins County hired a Recycling/Environmental Coordinator whose duties include monitoring drop-off locations and waste oil collection sites. The Coordinator is also responsible for identifying recycling markets and/or upgrading the existing program. The County has shown interest in membership in the Recycling Market Cooperative of East Tennessee. The County has formed a recycling committee which meets monthly to discuss regional needs and possible options for increasing recycling activities and public awareness of recycling. The efforts of the committee have been increased to assure that Hawkins County fully meets the requirements of the Solid Waste Management Act of 1991.

Recently Hawkins County established two drop-off recycling facilities at two of the most used convenience centers. County personnel man the facilities and are responsible for the collection and transportation of the materials to the market

Regional Needs

One basic regional need has been identified by the Planning Board. Planning Board members feel that it is the goal of the plan to ensure that each citizen of Hawkins County is provided equal opportunity to participate in a county-wide recycling program. There is a need in the County to operate several county drop-off locations. These will be operated on county property and manned by county personnel. Recycling experts have indicated that the costs will outweigh the benefits of operating a curbside recycling program in Hawkins County.

Convenience center sites have been discussed as the obvious locations for the recycling drop-off facilities. By using current convenience center locations, the County will be sufficiently served by the recycling facilities. The Town of Rogersville is also considering a proposal that would provide drop-off collection sites within the Town.

Meeting Regional Needs

Hawkins County officials along with the County recycling committee and the Solid Waste Planning Board have discussed several options for reaching the goal of operating recycling facilities at convenience centers. Three options are for the program to be operated by private companies and the third is for the County to operate the program.

1. County Owned and Operated

This system would use 8 drop-off points (8 convenience centers) plus a central processing point to receive, sort, store, and dispose of recycled materials.

Estimated Costs	
Equipment	
Truck	\$77,250
Boxes (15 @ \$4,900)	\$73,500
Scales, Bailer, Fork Lift, Crushers, Other	\$100,000
Building, Lot, Bins, Fence, Other	\$75,000
Total	<u>\$325,750</u>
Ongoing Expenses	
Salaries and Benefits	\$50,000
Fuel	\$ 4,000
Maintenance	\$ 5,000
Utilities	\$ 2,400
Other Charges	\$ 2,000
Land Lease Payments	?
Total	<u>\$63,400</u>

2. Browning Ferris Industries Proposal

A program introduced by BFI would eliminate the need for a recycling processing facility. BFI would accept responsibility for processing materials at an existing BFI facility in Knoxville. The BFI proposal is based on establishing a drop-off location at each of the eight convenience centers. Hawkins County would pay a monthly fee for each collection box, a fee to haul the materials to the processing facility, and a fee/ton to process the materials.

The BFI program is available to Hawkins County in two options. The first option is based on Hawkins County paying a higher fee for processing the materials and in turn placing the burden of fluctuating market prices on BFI. Or Hawkins County can pay a lower fee for processing the materials and the burden of changing market prices will be placed on Hawkins County.

BFI offers an educational program which coincides with its recycling program. The educational package is distributed to classrooms at no charge to the County.

3. Waste Management Incorporated Proposal

Waste Management has been asked by the County to submit a proposal. The Waste Management proposal will include costs of operating 8 drop-off locations, hauling fees, processing fees, and a monthly fee for renting collection boxes.

If the County chooses to operate its own recycling program, it is considering membership in the Recycling Market Cooperative of East Tennessee which will enable the County to more easily market the collected recyclables and at a better price. The County will also explore the benefits of interacting with the Office of Cooperative Marketing. Since Hawkins County is a sparsely populated county, and will not collect large volumes of recyclables, it is necessary to become involved in a cooperative marketing program.

The Hawkins County Commission will review each of the proposals when all budget information is made available from the private companies. At this time the Commission will make a decision as to which type of recycling program is economically suitable for the Region. Until that time, the Region meets the minimum requirement of providing a recycling facility and a market for the materials collected.

Staffing, Budget, and Milestones

If the County elects to use either of the private companies to implement a county-wide recycling program, staffing requirements and operating budgets will be the responsibility of the private company. An estimated budget for a county operated program is presented earlier in this chapter.

Success of the recycling program will be based on the 6% recycling goal set by the Planning Board. Other milestones used to gauge the success of the program will be to ensure that each convenience center and city has a permanent drop-off location for the collection of recyclables.

Implementation and Allocation of Responsibilities

Table VI-1

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Data Collection										
Establish Facilities										
Annual Reports										

If the County operates its own program, the County Recycling Coordinator will be responsible for collecting and compiling all data. The Recycling Coordinator will also be responsible for submitting annual reports to the State with the assistance of the First Tennessee Development District.

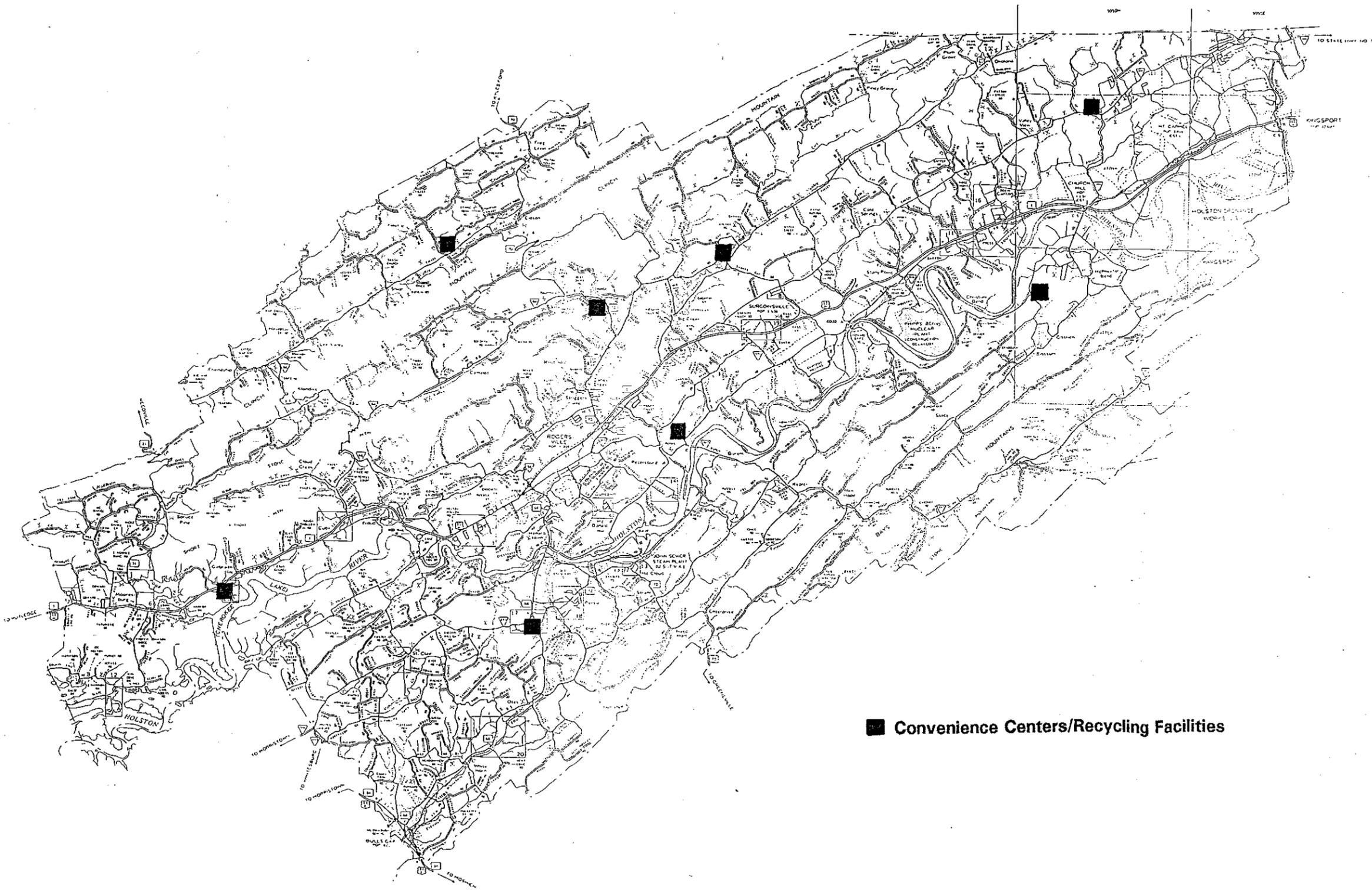
If the recycling program is operated by a private company, records of collected recyclables will be available to the Recycling Coordinator for compiling annual reports to the State. If any town within the County wishes to operate a recycling program independent of the County program, the town will be responsible for collection and compilation of the data. The Recycling Coordinator will again be responsible for submitting reports to the State.

Location of Facilities

All planned locations of recycling drop-off locations are located on the system map required in Chapter XI. For quick reference the locations of the facilities are also located on the map found in this chapter

Regional Recycling Facilities

HAWKINS COUNTY



■ Convenience Centers/Recycling Facilities

CHAPTER VII

Composting, Solid Waste Processing, Waste-to-Energy, and Incineration Capacity.

Existing Conditions

Currently there are no organized composting or incineration programs in Hawkins County. The Town of Rogersville collects leaves and yard waste materials from residents as part of regular municipal solid waste collection. Rogersville offers the bagged materials to local farmers or homeowners at no cost. The Town also uses some of the collected material for landscaping or mulching on municipal projects.

Rogersville is the only municipality within Hawkins County to operate any type of yard waste collection or composting. Hawkins County is a rural county which poses difficulty for operating a county-wide composting program.

There are no municipal solid waste incineration or waste-to-energy facilities in Hawkins County or the First Tennessee Development District. There are currently no plans for construction of these facilities in Hawkins County.

One option for county-wide recycling is an owned/operated program by Hawkins County. If the County decides to operate its own recycling program, a waste processing facility will need to be constructed. However, it is unlikely the County will operate its own program and currently there are no waste processing facilities in the Region.

Regional Needs

There are no immediate needs for composting, incineration, waste-processing, or waste-to-energy facilities in Hawkins County. Since Hawkins County is a rural county, and participation is minimal, it is unlikely that 17.6%, which is the national average, of waste going to landfills is yard waste. Through public education the Planning Board anticipates individual homeowners will begin household composting of yard and food wastes, which will help Hawkins reach the goal of 2% reduction through composting.

Brief discussions have taken place concerning construction of a composting facility. The facility would be located at an existing convenience center to minimize labor and equipment costs. The exact location of the facility has not been determined but it would likely be in one of the more populated areas of the County such as Church Hill.

The Planning Board is not likely to recommend construction of this facility as part of the solid waste plan because it has not been identified as a necessary element of the plan to ensure the 25% waste reduction. However a county-wide composting program is an environmentally responsible method of reducing waste and may be implemented in the region in the future.

Implementation Schedule

Rogersville has been collecting yard wastes for several years and will continue to do so coinciding with municipal solid waste collection. Other municipalities in the region will be encouraged to begin yard waste collection, if possible, and offer the material to citizens at no cost.

CHAPTER VIII

Disposal Capacity

Existing Conditions

Currently Hawkins County residents dispose of municipal solid waste from door-to-door pickup and convenience centers in the Carter Valley Landfill which is operated by Browning Ferris Industries (BFI). The County has a contract with BFI to use the landfill for disposal for the next nine years. The County pays BFI a monthly fee for usage. In 1993 BFI was granted a 16 million air space yard extension to the existing facility.

County officials have negotiated for an additional year of disposal at the Carter Valley Landfill. This agreement between BFI and Hawkins County guarantees Hawkins County the use of the Carter Valley Landfill for the length of the planning period. A copy of this agreement is found at the end of this chapter.

Prior to receiving the permit for extension, the Carter Valley Landfill had 71,000 tons of capacity remaining. The extension is based on air space volume and the capacity (tons) will be market driven according to BFI officials.

1. Projected Demand and Supply, and Identification of Potential Shortfalls or Surplus in Disposal Capacity

Table VIII-1

Tons Per Year

Year	Demand: Tons Requiring Disposal	Supply: Existing and Planned Supply	Surplus(+)	Shortfall(-)
1993				
1994	51,051	71,000	19,949	
1995	51,137	19,949 + 16,000,000 air space yds		
1996	51,180	N/A	+	
1997	51,244	N/A	+	
1998	51,130	N/A	+	
1999	51,373	N/A	+	
2000	51,428	N/A	+	
2001	51,364	N/A	+	
2002	51,298	N/A	+	
2003	51,236	N/A	+	

Hawkins County pays BFI a monthly fee for solid waste disposal services at the Carter Valley Landfill. This fee is adjusted annually according to the growth rate of Hawkins County solid waste generation and the consumer price index. There has not been any increase in fees due to any increase in generation rates.

Regional Needs

Currently the Planning Board has not identified any regional needs that need to be addressed in the solid waste management plan. Disposal capacity is assured for the ten year period of this plan. The landfill is strategically located in the county so as to eliminate expensive hauling costs from each of the municipalities and convenience centers.

Table VIII-2

Facility/Municipality	Distance to Landfill
Bulls Gap	20 miles
Rogersville	11 miles
Surgoinsville	5 miles
Church Hill	3 miles
Mount Carmel	4 miles
Lakemont Convenience Center	20 miles
Rock Hill Convenience Center	9 miles
Burem Convenience Center	9 miles
Stanley Valley Convenience Center	6 miles
Clinch Valley Convenience Center	12 miles
Hunt's Gap Convenience Center	4 miles
Carter's Valley Convenience Center	3 miles
Hwy. 113 Convenience Center	15 miles

The contract with BFI does not allow the County to initiate any type of flow control. BFI reserves the right to accept waste generated from outside the County boundaries. However the contract between the County and BFI clearly states that Hawkins County is guaranteed landfill space in the Carter Valley Landfill prior to the use of the landfill by other users. The contract also states that the County is guaranteed landfill space for the entire term of the contract which is until the year 2003.

Budget for Acquiring Disposal Capacity

BFI is a private company and is responsible for maintaining its own annual budget. This includes determining revenue sources and capital and operating costs. Operating costs are most likely generated through monthly disposal fees and tipping fees. Hawkins County is not in anyway involved in the budgetary process of the Carter Valley Landfill.

Staffing, Training, and Implementation

All landfill personnel are staffed and trained by BFI. It is the responsibility of the company to ensure that each employee is properly trained in waste disposal. Hawkins County is not involved in the staffing or training of any personnel at the disposal facility.

The landfill was permitted in 1982 and received a permit for extension in 1993. The facility, before expansion, had a remaining capacity of 71,000 tons. This remaining capacity will ensure the space for disposal until the expansion is completed. Construction on the expansion began immediately when the extension was issued.

Location of Facilities

The location of the disposal facility is located on the regional system map found in Chapter XI. For quicker access the disposal facility is also located on the map in this chapter.



BROWNING-FERRIS INDUSTRIES

T.R.A.S.H., Inc. District

January 20, 1994

Honorable G. Douglas Price, Chairman
Hawkins County Solid Waste Authority
150 Washington Street
Rogersville, Tennessee 37857

Dear Mr. Price:

Browning-Ferris Industries of Tennessee, Inc., (BFI), owns and operates the Carter Valley Landfill located in Hawkins County. Recently, BFI received an expansion permit for the Carter Valley Landfill. This permit has significantly increased the disposal capacity available for use by the surrounding area.

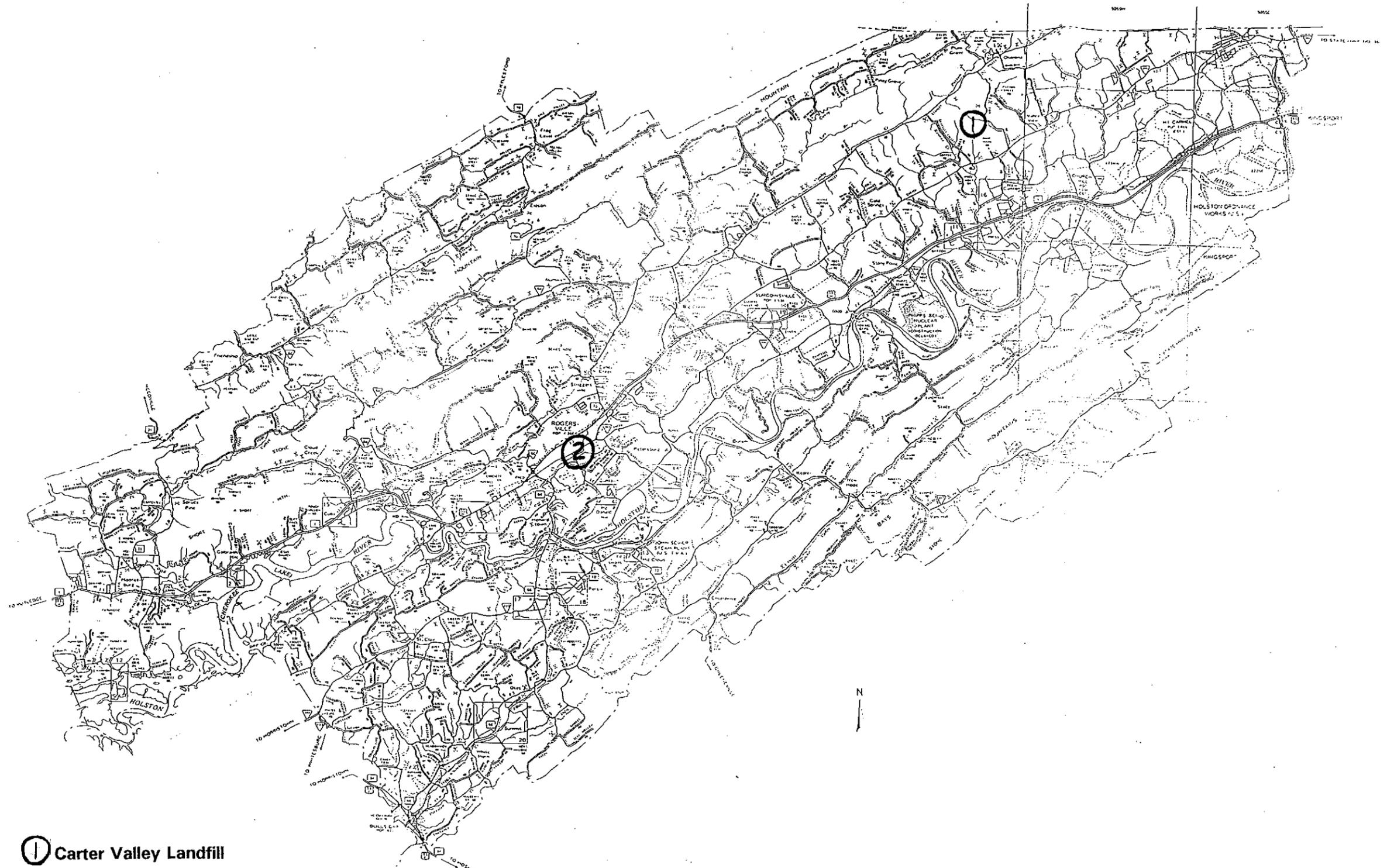
Respectfully, BFI requests that the Carter Valley Landfill be designated as the solid waste disposal facility in the initial ten year Hawkins County Solid Waste Management Plan.

Cordially,

A handwritten signature in cursive script that reads 'Bob Balenovich'.

Bob Balenovich
Project Manager-Landfills
Middle-East Tennessee Division

Disposal Capacity HAWKINS COUNTY



① Carter Valley Landfill

② Materials Recovery and Development Corporation

CHAPTER IX

Public Information and Education

Existing Conditions

Hawkins County currently does not have a formal county-wide solid waste/recycling program but are in the process of having one in place before December 31, 1994. The County Environmental Coordinator is responsible for the dissemination of information concerning the County's recycling efforts and other environmental matters. The Coordinator is also responsible for gathering information concerning solid waste grants, convenience center upgrading, and recycling programs. The County is fortunate to have several non-profit environmental groups that provide public education materials and programs to the people of Hawkins County.

The Friends of the Clinch-Powell River is a non-profit conservation organization. This group provides recycling educational programs and materials to interested school and civic groups. Recently the Friends of the Clinch-Powell River conducted a county-wide survey of industrial and business recycling in Hawkins County. The study identified existing industrial recycling programs as well as regional industrial needs.

Hawkins County is also a member of a five county Keep America Beautiful program. The program is currently in the initial stages and is striving to provide educational information to the residents of the Region. The Clinch-Powell Resource Conservation and Development Council is an organization of counties of which Hawkins County is a member. The Council is made up of County Executives and other interested persons from each of the counties. The main goal of the Clinch-Powell RC&D is to further environmental awareness and environmental management within the member counties.

Regional Needs

Hawkins County, like other small rural counties in Tennessee, has a major need to provide solid waste/recycling education to each student in the public school system. There are currently no organized efforts to bring solid waste curriculum to school-age children. Public education is probably the most important issue facing Tennessee in regards to proper solid waste management. School-age children, grades K-12, will be responsible for the path that solid waste management will take in the next ten years.

The Planning Board has identified three main areas in which the solid waste plan needs to address.

1.

A standard organized solid waste/recycling curriculum placed in each of the County's 16 public schools has been identified as a regional need. Solid waste education is continuing to become an essential part of every school curriculum. The Planning Board feels that a standard required curriculum placed in each of the schools would ensure that each student receives the same information.

2.

An increase in programs offered by non-profit organizations is also another need addressed by the Planning Board. This would provide more adults with information regarding solid waste management and recycling programs.

3.

Providing industrial reduction seminars to industries within the County. The Planning is interested in utilizing the services and resources of the University of Tennessee Center for Industrial Studies for these seminars. The Planning Board feels that these seminars are an important component of a successful public education program.

Meeting Regional Needs

1.

The County is in the process of establishing a county-wide recycling program. It is likely that the County will chose a private company to initiate and operate the program. Two of the private companies being researched by the County already provide educational materials to be used in public schools as curriculum packages. One such company has offered the County the educational program at no cost if it is given the opportunity to establish the recycling program.

If the County chooses to operate its own recycling program, Planning Board members will be very interested in reviewing the State's educational materials and programs provided for by T.C.A. 68-211-844. Hawkins County will rely on the Department of Environment and Conservation to provide information to schools, government officials, and businesses regarding proper solid waste management to limit costs to the County.

Recycling promotions will be conducted through a variety of media which include, radio advertising, newspaper, flyers, signs at recycling facilities, public service announcements, agricultural extension office, and environmental organizations.

The County Environmental Coordinator will be responsible for data collection and evaluation of the educational program. Evaluation will be based on the number of public schools receiving a standard solid waste curriculum package.

2.

The Hawkins County Regional Solid Waste Planning Board encourages non-profit organizations within the Region to expand their efforts to reach a larger majority of the residents. The Planning Board is also interested in assisting any environmental organizations in the Region whose mission is consistent with the solid waste plan. Hawkins County is actively involved in the Clinch-Powell RC&D and has recently received approval from the State to host a Household Hazardous Waste collection event.

3.

The County has scheduled to host industrial reduction seminars on April 9, 1994, and is very much interested in continuing this public education program each year.

Implementation Schedule

Table IX-1

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Initiation of School Curriculum										
Increase Environmental Organization Programs										

CHAPTER X

Problem Wastes

Household Hazardous Wastes (HHW)

As part of their commitment to environmental protection, the Hawkins County Planning Board as well as Hawkins County officials are dedicated to the proper collection and handling of household hazardous wastes. The County is currently involved in a county-wide household hazardous waste management program.

Hawkins County has recently applied and received approval for collection of household hazardous wastes using the State's mobile collection unit. Hawkins County is not eligible for a grant to construct a permanent collection site and will rely on the mobile collection unit for annual collection events. The collection event is set for April 9, 1994 at the VFW parking lot in Church Hill. Hawkins County is a member of the Clinch-Powell Resource Conservation and Development Council, but is working closely with the Appalachian-Northeast Tennessee Resource Conservation and Development Council for public education and advertising purposes related to the collection event.

It is advantageous for Hawkins County to join with other counties in the Appalachian-Northeast Tennessee RC&D for advertising purposes because the member counties of this council are sponsoring collection events the following three weekends. Radio, television, and newspaper coverage will be the primary methods in which the County will disseminate information about the event. The County Environmental Coordinator will also provide public information to interested citizens. Date, time, materials to be collected, and safety precautions are a few of the many pieces of information to be provided to county residents.

Hawkins County will provide all necessary on-duty police and fire personnel, traffic control mechanisms, emergency medical response teams, County Environmental Coordinator, County Executive, and any extra personnel needed to ensure the success of the event. County officials are confident that no additional costs will be incurred by the County other than those for compensating on-duty police and fire personnel and emergency response teams.

Hawkins County is dedicated to continue the household hazardous waste collection events for many years to come. Dates, times, and locations of future collection events will be subject to Planning Board review. The location will likely be moved to other areas of the County for future events.

Implementation Schedule

1993 -	Apply for first collection event
March 1994 -	Begin media campaign
April 1994 -	First collection event at VFW parking lot
1995 -	Collection event
1996 -	Collection event
1997 -	Collection event
1998 -	Collection event
1999 -	Collection event
2000 -	Collection event
2001 -	Collection event
2002 -	Collection event
2003 -	Collection event

Waste Tires

In fiscal year 1993 there were 7,705 tires sold within the County. Currently waste tires are accepted at the Carter Valley Landfill. However County officials are in the process of planning for the construction of a waste storage site.

Two options are available to the County. BFI, the owner of the landfill is submitting a proposal to the County for storage of waste tires. BFI is interested in using the tires in a fuel producing facility owned by BFI. Waste tires will be collected at the landfill then transported by BFI to the processing facility in Georgia.

Another option the County is considering is to apply for grants to construct a tire storage area at or near the landfill. Stored tires will be shredded using the State's mobile tire shredder and then landfilled.

Operating costs will be dependent upon the option with which the County chooses. In the event the County constructs its own storage facility, it will provide necessary personnel to support the mobile shredding unit. Hawkins County is aware of the January 1, 1995 deadline that will not allow whole waste tires to be disposed of in municipal solid waste landfills, and will be properly managing waste tires prior to that date.

Waste Oil

Waste oil is collected for recycling at each of the County's eight convenience centers. From December 1992 to January 1994 approximately 5,014 gallons of waste oil were collected. The waste oil was then transported by a private company for recycling. The County will actively pursue waste oil grants available from the Division of Solid Waste Assistance to upgrade existing collection sites.

Hawkins County will continue to collect oil at the convenience centers and is confident that through successful public education, the amount collected will greatly increase.

Lead Acid Batteries

Lead batteries are collected at each of the eight convenience centers. Batteries collected at the convenience centers are removed from the site by private citizens who sell the batteries to buy-back recyclers.

Litter

Hawkins County is currently the recipient of a litter grant from the Tennessee Department of Transportation. The County utilizes the grant funds in a variety of ways. The Litter Grant Manager conducts litter collection along highways with work release personnel from the Hawkins County Sessions Court Alternate Work Program. The County is considering employing an solid waste education person to conduct educational programs in the County's public schools.

CHAPTER XI

Implementation: Schedule, Staffing, and Funding

System Definition

Hawkins County will integrate four waste reduction strategies in the solid waste management system. These are composting, recycling, diversion of special wastes and industrial reduction. Hawkins County will generate approximately 53,930 tons of solid waste requiring disposal in 1995 (Table III-3). These strategies will help in successfully reducing the amount of solid waste going to the Class I landfill by 25%.

The Regional Solid Waste Planning Board has identified several goals in meeting the State's waste reduction goal. Increasing the amount of solid waste reduced through recycling to 12% is established as one of the goals of this plan. The County will increase county-wide recycling by establishing drop-off recycling locations at convenience centers throughout the County. Business and Industrial recycling will also be increased by broadening the public education program and by offering waste reduction seminars to interested industries.

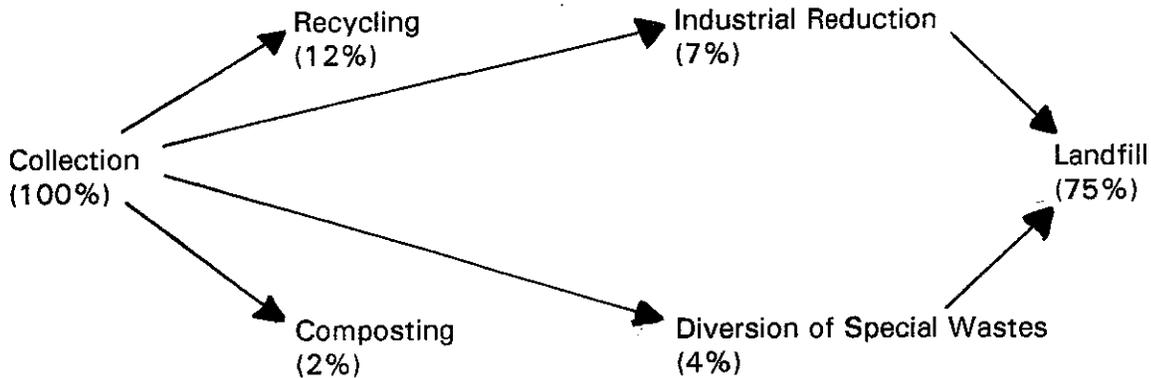
Curbside collection of leaves will also account for a 2% reduction in the amount of solid waste going to the Class I landfill. Curbside leaf collection is conducted by the Town of Rogersville for composting, and the leaves are offered to city and county residents for private use at no cost.

Industrial reduction, diversion and segregation of special wastes will account for the remaining 11% of the waste reduction volume. The County is actively involved in planning for annual or semi-annual household hazardous waste collection events, and has a tire storage and recycling program in place to eliminate waste tires from the landfill. The County also has a successful lead acid battery and waste oil recycling program currently in place. There are two Class IV landfills within close driving distance to Hawkins County which makes diversion of construction/demolition wastes a viable strategy for further waste reduction.

Strategy	% Reduction
Recycling	12%
Composting	2%
Diversion of Special Wastes	4%
Industrial Reduction	7%

Public education will be the main thrust behind waste reduction in the recycling and industrial reduction strategies, however the County is scheduling the University of Tennessee Center of Industrial Services for waste reduction seminars to demonstrate the need to reduce and recycle in industry.

The following is a flow diagram of the proposed integrated waste management system.



The County will use existing city and county personnel to implement the proposed solid waste management plan. Components of the Plan that pertain specifically to the County, will receive final approval from the County Commission and County Executive. Elements of the Plan pertaining specifically to the cities within the County will receive final approval from the appropriate city councils.

The Hawkins County Environmental Coordinator will be responsible for day to day monitoring and record keeping of the county-wide recycling program and other programs operated by the County.

Implementation Schedule

Table XI-1

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Consider Upgrading Convenience Centers										
Plan Updates										
Data Collection										
Establish Recycling Facilities										
Annual Recycling Reporting										
Household Hazardous Waste Collection										
Increase Environmental Educational Programs										
Initiation of School Curriculum										

Staffing and Training

The following table includes employees from Church Hill, Rogersville, Mt. Carmel, Surgoinsville, Bulls Gap, and Hawkins County. None of the personnel will require landfill operator training as mandated by the Solid Waste Management Act of 1991.

Table XI-2

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Collection										
Drivers	9*	9*	9*	9*	9*	9*	10*	10*	10*	10*
Convenience Center Attendants	10**	10**	10**	10**	10**	10**	10**	10**	10**	10**
Supervisor	1	1	1	1	1	1	1	1	1	1
Laborers	8	8	8	8	9	9	11	11	11	11

* Indicates 1 employee is part-time with Hawkins County.

**Indicates 2 employees are part-time with Hawkins County.

Budget

Table XI-3

Expenditures

	1994	1995	1996	1997	1998
Disposal	\$281,100	\$295,155	\$309,912	\$325,407	\$341,677
Collection and Transportation	\$589,540	\$619,017	\$649,967	\$682,465	\$716,588
Recycling					

	1999	2000	2001	2002	2003
Disposal	\$358,760	\$376,698	\$395,532	\$415,308	\$436,073
Collection and Transportation	\$752,417	\$790,037	\$829,538	\$871,014	\$914,564
Recycling					

Table XI-4

Revenues

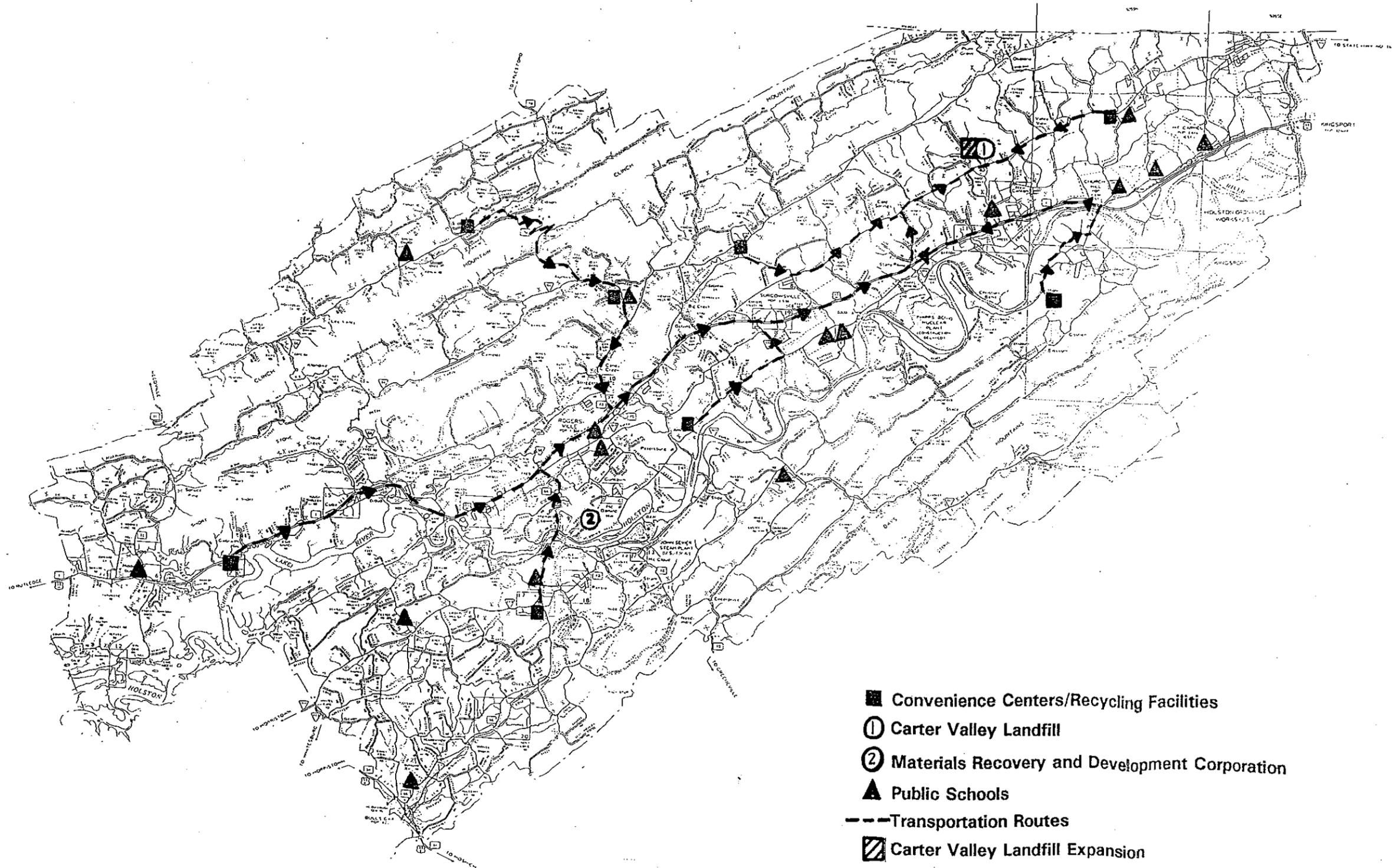
	1994	1995	1996	1997	1998
Commercial Garbage Pick-up	\$26,733	\$28,069	\$29,472	\$30,945	\$32,492
Residential Garbage Pick-up	\$22,732	\$23,868	\$25,061	\$26,314	\$27,629
*Sale of Recyclables	\$10,000	\$10,500	\$11,025	\$11,576	\$12,154

	1999	2000	2001	2002	2003
Commercial Garbage Pick-up	\$34,116	\$35,821	\$37,612	\$39,492	\$41,466
Residential Garbage Pick-up	\$29,010	\$30,460	\$31,983	\$33,582	\$35,261
*Sale of Recyclables	\$12,761	\$13,399	\$14,068	\$14,771	\$15,509

* Revenues generated from the sale of recyclables will be dependent upon the size of program the County chooses to operate.

5% inflation rate/consumer price index was used to calculate the 10 year budget.

Regional Waste Disposal Facilities HAWKINS COUNTY



- Convenience Centers/Recycling Facilities
- ① Carter Valley Landfill
- ② Materials Recovery and Development Corporation
- ▲ Public Schools
- Transportation Routes
- ▨ Carter Valley Landfill Expansion

CHAPTER XII

Allocation of Implementation Responsibilities: Plan Adoption and Submission

Plan Adoption

The plan will be submitted to the Hawkins County Commission for approval prior to being submitted to the Division of Solid Waste Assistance. County Commission approval is not required by the Solid Waste Management Act of 1991 or by resolution establishing the Planning Board, however the Planning Board feels that County Commission involvement and subsequent approval of the Plan is necessary to facilitate its success.

Plan Submission

Ten copies of the Plan will be submitted to the Tennessee Department of Conservation, Division of Solid Waste Assistance before the July 1, 1994 deadline.

CHAPTER XIII

Flow Control and Permit Application Review

Flow Control

The Hawkins County Solid Waste Planning Region will not adopt any out-of-region flow control measures to be used at the Carter Valley Landfill. The County is a customer in the landfill and is not involved with the day to day operations of the landfill. Since the County does not own or operate the facility, it cannot initiate any flow control measures.

The County and cities, however, will continue to monitor the flow and contents of waste collected at convenience centers and at city door-to-door solid waste collection.

Permit Application Review

As required by the Solid Waste Management Act of 1991, the Hawkins County Solid Waste Planning Board will be involved in permit application review for landfills, incinerators, etc.

The Planning Board will evaluate each permit application to determine its consistency with the Hawkins County Solid Waste Management Plan. A permit application that is inconsistent with the solid waste plan will not be approved by the Planning Board. Public hearings and public comment periods on permit applications will be held in accordance with the Tennessee Code Annotated.

The Planning Board will work closely with the Hawkins County Commission and the Tennessee Department of Environment and Conservation when evaluating a permit application. The Solid Waste Planning Board will rely on the Department of Environment and Conservation for technical review of the permit application.

APPENDIX A

TO THE HONORABLE G. DOUGLAS PRICE, COUNTY EXECUTIVE, AND MEMBERS OF THE HAWKINS

COUNTY BOARD OF COMMISSIONERS IN Regular SESSION MET THIS

26th DAY OF October, 1992.

RESOLUTION IN RE: # 7 Hawkins County Municipal
Solid Waste Planning
Advisory Board

BE IT RESOLVED THAT: Came Hanes Cooper and made a motion to amend
the Resolution regarding the Advisory Board Be Established

which Resolution was duly seconded by Lawrence Smith and on call for
question a vote was taken and it was voted 19 to 0
that Resolution # 7 be amended.

THIS 26th DAY OF October, 19 92.

Donna Alvis
COUNTY CLERK

MOTION MADE BY: Hane Cooper

MOTION SECONDED BY: Lawrence Smith

STATE OF TENNESSEE
COUNTY OF HAWKINS

I, Donna Alvis, Clerk of the County Court of
Hawkins County, Tennessee, hereby certify the within

to be a true and correct copy of Resolution #7

as filed in my office and recorded in minute book #46
at page No. 115-125

WITNESS my hand and official seal of office, in
Rogersville, Tennessee, this 30 day of Oct 1992

DONNA ALVIS, County Clerk
By: Cynthia Matthews
Deputy Clerk

ROLL CALL VOTE: October 26, 1992

Regular SESSION AMENDMENT TO RESOLUTION # 7

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH			✓	
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER			✓	
BOBBIE JEAN MCNABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
CARL FRAZIER			✓	
D.L. JOINSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN			✓	
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH			✓	
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	
TOTAL	<u>2</u>	<u>0</u>	<u>19</u>	<u>0</u>

DONNA ALVIS
COUNTY CLERK

10-26-92
DATE

116

ROLL CALL VOICE: October 26, 1992

Regular SESSION AMENDMENT AS AMENDED RESOLUTION # 7

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH			✓	
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER			✓	
BOBBIE JEAN MCNABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
CARL FRAZIER			✓	
D.L. JOINSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN			✓	
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH			✓	
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	
TOTAL	<u>2</u>	<u>0</u>	<u>19</u>	<u>0</u>

DONNA ALVIS
COUNTY CLERK

10-26-92
DATE

TO THE HONORABLE G. DOUGLAS PRICE, Chairman, and Members
Of the Hawkins County Board of Commissioners in REGULAR
Session, Met this 26 Day of OCTOBER, 1992.

RESOLUTION IN REF: CREATING HAWKINS COUNTY'S MUNICIPLE SOLID WASTE PLANNING
REGION

BE IT RESOLVED THAT:

SEE ATTACHED RESOLUTION.....

Introduced by Esq. CHARLIE FREEMAN Estimated Cost: _____

Seconded by Esq. Hanes Cooper Paid From _____ Fund _____

ACTION: AYE NAY Date Submitted 10-17-92

Roll Call _____ _____ Jenna Albee
Voice Vote _____ _____ COUNTY CLERK

ABSENT _____ _____ BY: _____

COMMITTEE ACTION: APPROVED DISAPPROVED

*See Amendment _____ _____
_____ _____ _____
_____ _____ _____

CHAIRMAN: G Douglas Price

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

WHEREAS, the adoption of the Subtitle D landfill regulations by the United State 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., titled "Solid Waste Management Act of 1991"; and

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

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

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

WHEREAS, Hawkins County's Board of County Commissioners has given consideration to the needs assessment prepared by the First Tn. 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 on 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 needs 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 Hawkins County.

NOW, THEREFORE BE IT RESOLVED, by the Board of County Commissioners of Hawkins 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 Hawkins 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 Hawkins County, Tennessee finds and determines that Hawkins County shall be and shall constitute a single county municipal solid waste region due to the following: The county has a contract with B.F.I. for waste disposal for a twelve year period. There is approximately ten years remaining on the contract.

_____ ; and

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

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall be composed of 13 members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. § 68-211-813(b)(1) 7 Board members shall be appointed by the County Executive and approved by this Board of County Commissioners and, due to the fact that Bulls Gap (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Bulls Gap shall have a Board member appointed by the Mayor of Bulls Gap and approved by the City (or Town) of Bulls Gap; and

due to the fact that Kingsport (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Kingsport shall have a Board member appointed by the Mayor of Kingsport and approved by the City (or Town) of Kingsport; and

due to the fact that Church Hill (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Church Hill shall have a Board member appointed by the Mayor of Church Hill and approved by the City (or Town) of Church Hill; and

due to the fact that Mt. Carmel (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Mt. Carmel shall have a Board member appointed by the Mayor of Mt. Carmel and approved by the City (or Town) of Mt. Carmel; and

due to the fact that Rogersville (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Rogersville shall have a Board member appointed by the Mayor of Rogersville and approved by the City (or Town) of Rogersville; and

due to the fact that Surgoinsville (City or Town) collects or provides disposal services through its own initiative or by contract, the City (or Town) of Surgoinsville shall have a Board member appointed by the Mayor of Surgoinsville and approved by the City (or Town) of Surgoinsville; 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 2 members appointed by the County Executive shall have a two (2) year term, that 2 members appointed by the County Executive shall have a four (4) year term, that 3 members appointed by the County Executive shall have a six (6) year term, that the member appointed by the Mayor of Bulls Gap shall have a 6 year term; and that the member appointed by the Mayor of Kingsport shall have a 6 year term; and that the member appointed by the Mayor of Church Hill shall have a 4 year term; and that the member appointed by the Mayor of Mt. Carmel shall have a 4 year term; and that the member appointed by the Mayor of Rogersville shall have a 2 year term; and that the member appointed by the Mayor of Surgoinsville shall have a 2 year term; and

120

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 Hawkins 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 Hawkins 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 organization 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 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, Hawkins County, all cities(City or Town), and donations and grants from private corporations and foundations ;and

BE IT FURTHER RESOLVED, that Hawkins 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 Hawkins County shall transmit a copy of this Resolution to the Tennessee State Planning Office.

RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF Hawkins COUNTY, TENNESSEE, this 26 day of October, 1992, the welfare of the citizens of Hawkins County requiring it.

Sponsor:

Charlie Freeman
County Commissioner

Attest:

Jam Alms
County Clerk

Approved:

D. Douglas Price
County Executive

ROLL CALL VOTE: OCTOBER 26 19 92

REGULAR SESSION RESOLUTION # 7 : Creating Hawkins' County's
MUNICIPAL SOLID WASTE PLANNING REGION

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH				
BILLY K. HOUSEWRIGHT				
FRED MONTGOMERY				
KENNETH B. LONG				
HANES COOPER				
BOBBIE JEAN MCNABB				
EUGENE WARD				
CLAUDE PARROTT				
CARL FRAZIER				
D. L. JOHNSON				
CHARLES THACKER				
CHARLIE FREEMAN				
BOYD GOODSON				
GARNIE K. THACKER				
HOWARD ELKINS				
LAWRENCE SMITH				
MOODA COOK				
GARY L. NEWTON				
WAYNE WAGNER				

TOTAL 2

DONNA ALVIS
COUNTY CLERK

★ In Amendment

122

TO THE HONORABLE G. DOUGLAS PRICE, COUNTY EXECUTIVE, AND MEMBERS OF THE HAWKINS

COUNTY BOARD OF COMMISSIONERS IN Regular SESSION MET THIS

26th DAY OF October, 1992.

RESOLUTION IN RE: #1 Solid Waste
Advisory Board

BE IT RESOLVED THAT: Came Carl Frazier and made a motion to amend
the Resolution regarding the 13 Member Advisory Board
Be Formed - 7 members to be selected by the
County Commission Staggered 2 yrs, 4 yrs & 6 yrs
6 Members To Be Appointed By City Mayors
which Resolution was duly seconded by Howard Elkins and on call for
question a vote was taken and it was voted 19 to 0
that Resolution # 1 be amended.

THIS 26 DAY OF October, 19 92.

Don Allen
COUNTY CLERK

MOTION MADE BY: Carl Frazier

MOTION SECONDED BY: Howard Elkins

ROLL CALL VOICE: October 26, 1992

Regular SESSION AMENDMENT TO RESOLUTION # 7

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH			✓	
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER			✓	
BOBBIE JEAN MCNABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
CARL FRAZIER			✓	
D.L. JOHNSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN			✓	
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH			✓	
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	
TOTAL	<u>2</u>	<u>0</u>	<u>19</u>	<u>0</u>

DONNA ALVIS
COUNTY CLERK

10-26-92
DATE

124

ROLL CALL VOICE: October 26, 1992

Regular SESSION AMENDMENT AS AMENDED RESOLUTION # 7

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH			✓	
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER			✓	
BOBBIE JEAN MCNABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
CARL FRAZIER			✓	
D.L. JOINSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN			✓	
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH			✓	
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	
TOTAL	<u>2</u>	<u>0</u>	<u>19</u>	<u>0</u>

DONNA ALVIS
COUNTY CLERK

October 26, 1992
DATE

ROLL CALL VOTE:

May 24 19 93

Regular

SESSION

RESOLUTION 12

Out of order

	ABSENT	PASSED	YES	NO
OSCAR ALLEY	✓			
JEFF JACKSON	✓			
WILLIAM G. MARSH	✓			
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER	✓			
BOBBIE JEAN MENABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
CARL FRAZIER	✓			
D. L. JOHNSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN		✓		
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH			✓	
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	

TOTAL

5

1

15

0

DONNA ALVIS
COUNTY CLERK

STATE OF TENNESSEE
COUNTY OF HAWKINS

I, Donna Alvis, Clerk of the County Court of
Hawkins County, Tennessee, hereby certify the within
to be a true and correct copy of Solid

Waste Planning
as filed in my office and recorded in
Minute Book 47 at page No. 50-53

WITNESS my hand and official seal of office, in
Rogersville, Tennessee, this 25 day of May
19 93

DONNA ALVIS, County Clerk
By Law
Deputy Clerk

53

THE HAWKINS COUNTY SOLID WASTE PLANNING REGION

HAWKINS COUNTY
FOR REVIEW ONLY

AGREEMENT

THIS AGREEMENT entered into as of March 24, 1993, by and between HAWKINS COUNTY TENNESSEE (hereinafter called the Region) and the First Tennessee Development District (hereinafter called the District), WITNESSETH THAT:

WHEREAS, the Region desires to engage the District to provide certain technical and planning services hereafter described in connection with the Solid Waste Management Act of 1991 financed under the Tennessee Department of Environment and Conservation Solid Waste Management planning grant program:

NOW THEREFORE, the parties hereto do mutually agree as follows:

1. The Region hereby agrees to engage the District and the District hereby agrees to perform the services hereinafter set forth.

2. The District shall do, perform and carry out, in a satisfactory and proper manner the following services:

Prepare a municipal Solid Waste Regional Plan as required by the Municipal Solid Waste Management Act of 1991 including:

- a. Demographic information on the Region,
- b. Anticipated growth trends for a ten year period,
- c. Anticipated waste capacity needs,
- d. Planned capacity assurance,
- e. Description of waste reduction activities,
- f. Description of educational initiatives,
- g. An evaluation of regional disposal options
- h. Description of responsibilities of various participating jurisdictions.
- i. A current system analysis of:
 - 1. Waste streams (types and amounts generated),
 - 2. Collection capability (types, areas served and not served),
 - 3. Disposal capability,
 - 4. Costs using full cost accounting model to be developed by the State Planning Office,
- j. Prepare, coordinate and or submit all necessary reports, forms, and documents.
- k. Provide technical assistance in developing a regional recycling plan and household hazardous waste disposal plan.
- l. Any other information the Region may deem relevant to the regional plan.

3. The District shall maintain documentation for all expenditures under this Agreement. The books, records, and documents of the District, insofar as they relate to work performed or money received under this Agreement, shall be maintained in conformity with generally accepted accounting principles for a period of three

COPY
FOR REVIEW ONLY

full years from the date of final payment, and shall be subject to audit at any reasonable time upon reasonable notice by the Comptroller of the Treasury, Hawkins County, or their duly appointed representatives. The records shall be maintained at no less than those recommended in the Uniform Accounting Manual for Development Districts in Tennessee, published by the Comptroller of the Treasury, State of Tennessee.

The compensation will be paid with quarterly reimbursements for a total of Fifteen Thousand Dollars (\$15,000.00)

- 4. If through any cause, the District shall fail to fulfill in a timely and proper manner its obligations under this agreement, the Region shall thereupon have the right to terminate this Agreement by giving written notice to the District of such termination and specifying the effective date of such termination. In that event, the District shall be entitled to receive just and equitable compensation for any satisfactory work completed.
- 5. In carrying out this Agreement, the District will not discriminate against any employee or applicant for employment because of handicap, race, color, religion, sex, age, national origin, or any other classification protected by Federal and/or State constitutional or statutory law. The District will take affirmative action to ensure that applicants and employees are treated without regard to their handicap, race, color, religion, sex, age, or national origin.
- 6. No officer, member, or employee of Hawkins County and no members of its governing body, and no other public official of the governing body of the locality who exercises any functions or responsibilities in the review, approval, or administration of this Agreement, shall participate in any decision relating to this or have any personal or pecuniary interest, direct or indirect, in this Agreement or the proceeds thereof.
- 7. The District covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner with the performances of services required under this Agreement. The District further covenants that in the performance of this Agreement no person having any such interest shall be employed.
- 8. The term of this Agreement shall be from January 1, 1993 to December 31, 1993.

AGREED TO, and executed by the parties' duly authorized officials, to be effective as of the date first written above.

Hawkins County

First Tennessee
Development District

County Executive
G. Douglas Price

Executive Director
Susan R. Reid

TO THE HONORABLE G. DOUGLAS PRICE, Chairman, and Members
Of the Hawkins County Board of Commissioners in Regular
Session, Met this 26th Day of April, 1993.

RESOLUTION IN REF: APPOINT MEMBERS TO THE SOLID WASTE PLANNING REGION BOARD

BE IT RESOLVED THAT:

WHEREAS, Hawkins County has created a one county Solid Waste Planning Region Board. The following members have been nominated to this Board by the County Executive:

- Charlie Freeman - (6-year term)
- Mary Burton - (6-year term)
- Nancy Bell - (2-year term)
- Sam Cook - (2-year term)
- Boscom "Buck" Barrett - (4-year term)
- Frank Testerman - (4-year term)
- Howard Elkins - (4-year term)

The following members have been nominated by the cities:

- Falls Gap - Bill Grubbs - (6-year term)
- Eggersville - Jim Sells - (2-year term)
- Sargolinsville - Fred Sandidge - (2-year term)
- Church Hill - Tom Morrison - (4-year term)
- Carmel - Jim Dean - (4-year term)

THEREFORE, BE IT RESOLVED that the above members be appointed to the Solid Waste Planning Region Board.

Introduced by Esq. <u>Boyd Goodson</u>	Estimated Cost: _____
Seconded by Esq. <u>Lawrence Smith</u>	Paid From _____ Fund _____
ACTION: AYE NAY	Date Submitted <u>4-12-93</u>
Roll Call _____	<u>Donna Alue</u> COUNTY CLERK
Voice Vote _____	BY: _____
ABSENT _____	
COMMITTEE ACTION: <u>See Amendment</u>	APPROVED DISAPPROVED
_____	_____
_____	_____
CHAIRMAN: <u>G. Douglas Price</u>	

TO THE HONORABLE G. DOUGLAS PRICE, COUNTY EXECUTIVE, AND MEMBERS OF THE HAWKINS
COUNTY BOARD OF COMMISSIONERS IN Regular SESSION MET THIS

21st DAY OF April, 1993.

RESOLUTION IN RE: # 2 Solid Waste
Planning Board

BE IT RESOLVED THAT: Came Charlie Freeman and made a motion to amend
the Resolution regarding the to add Doug Price AS member
of Solid Waste Planning Region Board

which Resolution was duly seconded by Hanes Cooper and on call for
question a vote was taken and it was voted 17 to 0
that Resolution # 2 be amended. Passed 2

THIS 21st DAY OF April, 1993

James Allen
COUNTY CLERK

MOTION MADE BY: Charlie Freeman

MOTION SECONDED BY: Hanes Cooper

TO THE HONORABLE G. DOUGLAS PRICE, Chairman, and Members
of the Hawkins County Board of Commissioners in Regular
Session, Met this 26th Day of April, 1998

RESOLUTION IN REF: AMEND THE SOLID WASTE PLANNING REGION BOARD TO EXCLUDE
KINGSPORT

BE IT RESOLVED THAT:

WHEREAS, Hawkins County has passed legislation creating a
Solid Waste Planning Region Board. The prior legislation had included the City
of Kingsport, Tennessee as a member of the Hawkins County Board. Kingsport has
optioned to become a member of the Sullivan County Board.

THEREFORE, BE IT RESOLVED that the Hawkins County Solid
Waste Planning Region Board be amended to exclude Kingsport. The legislation
as amended is hereby attached and labeled "Hawkins County Solid Waste Planning
Region Board-Amended."

Introduced by Esq. Charlie Freeman Estimated Cost: _____

Seconded by Esq. Garrie Thacker Paid From: _____ Fund _____

ACTION: AYE NAY Date Submitted 4-12-98

Roll Call 19 0 _____
COUNTY CLERK

Voice Vote _____ BY: _____

ABSENT 2 _____

COMMITTEE ACTION: APPROVED DISAPPROVED

CHAIRMAN: G. Douglas Price

INSTITUTIONAL STRUCTURE

The Hawkins County Regional Solid Waste Planning Board members include:

	<u>Representing</u>	<u>Term</u>
1. Harry Burton	Hawkins County	6 yr
2. R. Frank Testerman	Hawkins County	4 yr
3. Jim Sells - Mayor	Rogersville	2 yr
4. Bascom Barrett	Hawkins County	4 yr
5. Howard Elkins	Hawkins County	4 yr
6. Sam W. Cook, Jr.	Hawkins County	2 yr
7. Fred Sandidge - Mayor	Surgoinsville	2 yr
8. Bill Grubb - Mayor	Bulls Gap	6 yr
9. Paul T. Morrison - Mayor	Church Hill	4 yr
10. James Dean - Mayor	Mount Carmel	4 yr

The first organizational meeting of the Hawkins County Regional Solid Waste Planning Board was held on May 21, 1993. The Board elected the following people to serve as officers:

11. G. Douglas Price - Chairman	Hawkins County	6 yr
12. Charlie Freeman - Vice-Chairman	Hawkins County	6 yr
13. Nancy Bell - Secretary	Rogersville	2 yr

ADVISORY BOARD STRUCTURE

Members	Representing	Address
Pat Gilley	Agriculture	Bulls Gap
Dean Glenn	Industry	Rogersville
Rass Booker	Civic Groups	Church Hill
Glenn Hutchens	Business	Surgoinsville
Steve Waller	Business	Rogersville
Margie Pruitt	Business	Bulls Gap
Bill Logan	Citizen	Rogersville
Henry Hurd	Education	Mount Carmel
Jim Pyne	Citizen	Rogersville
Nancy Miller	Agriculture	Rogersville
Edith Chesnutt	Agriculture	Rogersville
G.C. Begley	Civic Groups	Church Hill
Linda Bernard	Education	Rogersville
Thomas Hicks	Planning Commission	Church Hill

MISSION STATEMENT

"Assist the Regional Solid Waste Planning Board with the development of the Regional Solid Waste Plan for Hawkins County by using our expertise to provide comments on the Plan."

SUMMARY OF ACTIVITIES

All meeting of the Solid waste Planning Board are open to the public which includes the Advisory Board. The Advisory Board was distributed a copy of the Plan and was asked was given a comment period on the Plan.

PROBABLE ROLE IN IMPLEMENTATION

The advisory Board will be notified of future meetings of the Planning Board. Advisory Board input will be utilized on the five year update of the Plan as previously stated, and the annual progress reports if necessary.



Hawkins County Board of Commissioners

150 Washington Street
Rogersville, Tennessee 37857

Telephone: 272-7359

G. Douglas Price, County Executive

May 16, 1994

Hawkins County Regional Solid Waste
Planning Board
150 Washington St
Rogersville TN 37857

Dear Sir:

Hawkins County is currently meeting the accounting standards for Solid Waste Reporting as required by Tennessee Code Annotated 68-211-874.

Evelyn Gladson
Evelyn Gladson
Bookkeeper

G. Douglas Price
G. Douglas Price
County Executive

TOWN OF ROGERSVILLE

106 East Kyle Street
Rogersville, Tennessee 37857
(615) 272-7497

CITY COUNCIL
BENNIE FLOYD
DORIS HAYWOOD
BLAINE JONES
CROCKETT LEE
REID TERRY
GUY TRENT

WATER COMMISSION
WILLIAM KRICKBAUM
ELDRIDGE LONG
JIM POINT
JACK PRICE

May 10, 1994

Mr. Christopher L. Craig
Environmental Specialist
First Tennessee Development District
207 North Boone Street, Suite 800
Johnson City, Tennessee 37604

Dear Mr. Craig:

The Town of Rogersville has a Solid Waste/Sanitation Department in the General Fund accounting system. Only expenses relating to solid waste pick-up are charged to this department. Since the town does not charge a fee for this service no revenue account has been established.

As we are accounting for the solid waste expenditures separately and receive no monies for this department, I believe we are in compliance with the state accounting requirements for solid waste.

If further information is needed please call.

Sincerely,



Jim Sells
Mayor

JS/cp

Town of Bulls Gap

P.O. Box 181, 139 South Main

Bulls Gap, Tennessee 37711

Phone 235-5216

May 11, 1994

TO: Chris Craig
Environmental Specialist - FTDD

FROM: William F. Grubb
Mayor - Town of Bulls Gap

RE: Compliance with the accounting standards of
Tennessee Code Annotated §68-31-874.

Dear Chris,

The following information is provided in response to your letter dated May 3, 1994, concerning the Town of Bulls Gap's compliance with Tennessee's solid waste financial accounting system requirements.

The Town of Bulls Gap, which currently contracts with a private firm for the collection and disposal of solid waste, has established a special revenue fund, designated as the Solid Waste Disposal Fund, in accordance with TCA 69-31-874 (a), which sets forth the accounting requirements for financial activities related to the management of solid waste for municipalities.

The Solid Waste Disposal Fund receives revenues equal to expenditures in the form of operating transfers from general tax revenues received by the General Fund of the Town of Bulls Gap.

Sincerely,

William F. Grubb

William F. Grubb

CITY OF CHURCH HILL

P. O. BOX 366 • CHURCH HILL, TENNESSEE 37642 • (615) 357-6161

May 10, 1994

Christopher L. Craig
Environmental Specialist
First Tennessee Development District
207 North Boone Street, Suite 800
Johnson City, TN 37604

Dear Chris:

This letter is to certify that the City of Church Hill has complied with the solid waste financial accounting system requirements set out in TCA 68-211-874. For reporting purposes the City has established a special revenue fund called the solid waste fund.

If you need any additional information please call me at 357-6161.

Sincerely,



Paul T. Morrison
Mayor



THE TOWN OF
**Mount
Carmel**

100 E. Main Street • P.O. Box 1421 • Mt. Carmel, Tennessee 37645 • (615) 357-7311
JAMES L. "JIM" DEAN, MAYOR

FTDD
CHRIS CRAIG
207 N. BOONE ST.
SUITE 800
JOHNSON CITY, TN. 37604

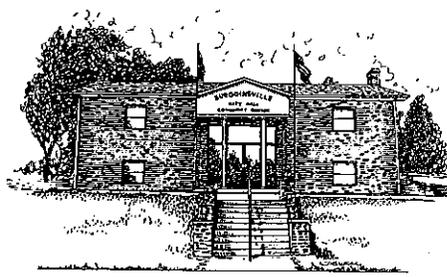
DEAR SIR:

THIS IS TO CERTIFY THAT THE TOWN OF MOUNT CARMEL, TENNESSEE HAS A SOLID
WASTE FUND ESTABLISHED.
THE NAME OF THE ACCOUNT IS THE SOLID WASTE FUND.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL 357-7311.

SINCERELY,

JAMES L. DEAN
MAYOR



Mayor Fred Sandidge

Vice-Mayor Jack Pierce

Town of Surgoinsville

Main Street

P.O. Box 67

Surgoinsville, Tennessee 37873-0067

615-345-2213

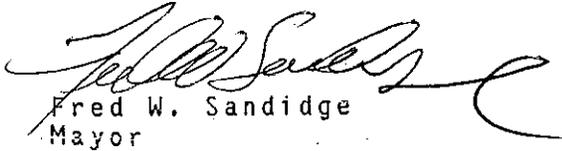
May 17, 1994

Christopher Craig Looney
Environmental Specialist
Tennessee Development District
207 North Boone Street
Suite 800
Johnson City, Tennessee 37604

Dear Mr. Craig:

The Town of Surgoinsville, Surgoinsville, Tennessee, is currently meeting the accounting standards for Solid Waste as required by Tennessee Code Annotated 68-211-874. It is titled Fund 131 Sanitation Fund.

Respectfully,


Fred W. Sandidge
Mayor

FS/tgr

Commissioners

Jack Case
Street Superintendent

Wayne Noe
ADA Coordinator

Lois Salyers
Public Safety

Stewart Thurman
Recreation

Ron Herron
Public Relations

APPENDIX B



Hawkins County Board of Commissioners

150 Washington Street
Rogersville, Tennessee 37857

Telephone: 272-7359

G. Douglas Price, County Executive

June 13, 1994

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

Dear Ms. Dillehay,

Upon careful examination of the University of Tennessee Study which generated a 1989 base year waste generation rate for Hawkins County, the Hawkins County Regional Solid Waste Planning Board feels that the waste generation figures in the UT Study are in error.

In light of the documentation which we have provided, the Hawkins County Regional Solid Waste Planning Board is respectfully requesting a variance from the 1989 base year figure in the UT Study.

UT Figures

Table 1

1989 Waste Generation (tons)	Estimated 1989 Population	Per Capita Generation Rate
42,900	45,800	0.94

Adequate records were not kept at the Carter Valley Landfill until Browning Ferris Industries (BFI) purchased the landfill in 1990. At this time BFI began keeping adequate records of waste disposed at the Carter Valley Landfill. Due to the inaccuracy and unavailability of records in 1989 we are requesting that the base year be changed to 1990. We also have supporting documentation to demonstrate that 9,300 tons of recyclable materials were removed from the waste stream in 1989 by East Tennessee Iron and Metal, Inc. As provided for in the Solid Waste Management Act of 1991, we are requesting this amount be added to the base year volume.

Variance Requested

Table 2

	Waste Generation (tons)	Population	Per Capita Generation Rate
From UT Study	42,900	45,800	0.94
Variance Requested	*64,200	44,565	1.44

* Total includes the amount diverted in 1989 by East Tennessee Iron and Metal, Inc.

We have enclosed letters from Browning Ferris Industries and East Tennessee Iron and Metal, Inc. certifying the above volume. We are asking that the 1989 base year volume be adjusted to reflect the more accurate figures compiled in 1990 and the amount of recycled materials diverted from the waste stream in 1989. Our request is to adjust the base year volume to 64,200 and the base year per capita generation rate to 1.44 tons/person/year (Table 2).

Due to time constraints in meeting the July 1, 1994 deadline, we are using the adjusted figures in the Plan until further notice. Supporting documentation for the variance request is attached for your review. Please call with any questions that you might have.

Thank you for your assistance with our request.

Sincerely,

Hawkins County Regional Solid Waste Planning Board



G. Douglas Price
Chairman

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

NED McWHERTER
GOVERNOR

J. W. LUNA
COMMISSIONER

June 22, 1994

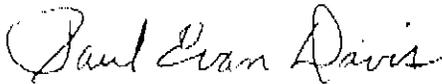
Mr. Price, Chairman
Hawkins County Regional Solid Waste Planning Board
150 Washington St.
Rogersville, TN 37857

Dear Mr. Price:

We have received your request for an adjustment to Hawkins County's solid waste base year data. Based on the information provided, your request for an adjustment to Hawkins County's base year data is approved to reflect an annual per capita disposal rate of 1.44 tons.

If we can be of further assistance on this or any other matter, please do not hesitate to contact us.

Sincerely,



Paul Evan Davis
Director
Division of Solid Waste Assistance

PED:GIID:dhm

cc: Chris Craig, FTDD



EAST TENNESSEE IRON & METAL, INC.

P.O. Box 460
Rogersville, Tennessee 37857

(615) 235-4119

NEW AND USED STEEL

June 2, 1994

Mr. Charlie Freeman
Hawkins County Environmental Director
150 Washington Street
Rogersville, Tennessee 37857

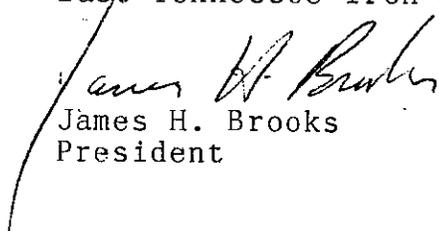
Re: Scrap Metal Recycling

Dear Mr. Freeman:

This letter is to certify that during the 1989 calendar year, East Tennessee Iron & Metal, Inc. received and recycled 9,300 tons of scrap metal generated by the industries located in Hawkins County.

If you need any further information, please contact my office.

Sincerely,
East Tennessee Iron & Metal, Inc.


James H. Brooks
President

JHB/dsg



BROWNING-FERRIS INDUSTRIES

T.R.A.S.H., Inc. District

Recycled paper

June 3, 1994

Mr. Charles Freeman
Environmental Director
Hawkins County Regional Solid Waste Planning Board
150 Washington Street
Rogersville, Tennessee 37857

Dear Mr. Freeman:

This letter is in response to your request to search Browning-Ferris Industries (BFI) records for disposal volumes generated in Hawkins County for calendar years 1989 and 1990. Unfortunately, BFI does not have records for the full calendar year of 1989 since BFI acquired the Hawkins County landfill from T.R.A.S.H., Inc. in October of 1989.

I have researched our records and to the best of my knowledge, BFI's Carter Valley Landfill (SNL 37-104-0185 EXT) accepted 219,600 cubic yards of waste generated in Hawkins County for disposal in calendar year 1990. The landfill did not have scales, consequently, tonnage conversion using 4 cubic yards of waste per ton would yield 54,900 tons.

I hope this information can be a benefit to you. Feel free to phone me at 272-2535 for any additional assistance.

Cordially,

A handwritten signature in cursive script that reads 'Bob Balenovich'.

Bob Balenovich
Project Manager - Landfills
Browning-Ferris Industries of
Tennessee, Inc.,

RJB/sd

APPENDIX C

CLASSIFIED
INVOICE

ROGERSVILLE REVIEW

207 WASHINGTON ST.
P.O. BOX 100
ROGERSVILLE, TN 37857
PHONE 615-272-7422

PHONE NUMBER	ACCOUNT NUMBER	START DATE	BILLING DATE
615-272-7359	050490-00003	12/16/93	12/16/93

Please return top
portion with payment
to ensure proper
credit.

Hawkins County Executive
Doug Price
150 Washington St.
Rogersville, TN 37857

Thank you. We
appreciate your
business!

AD REP.	SPECIAL	LINES	TIMES	CLASS	AMOUNT DUE
1		2	1	10	7.40

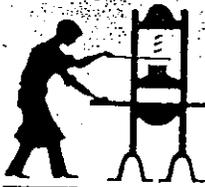
LEGAL NOTICE

A public hearing will be held on
January 24, 1994 in the Circuit
Courtroom of the Hawkins Coun-
ty Courthouse at 10:30 a.m. The
public is invited to inspect and
comment on the regional solid
waste management plan for
Hawkins County. G. Douglas
Price, Chairman of Regional
Solid Waste Board.
1x 12/16. PO#16548

COUNTY CLERK'S OFFICE
PAID
Date 1/21/94 Warr. No. 8239

D.K.
mw

BILLING COPY



Rogersville Review

Since 1885

Ellen Addison
Publisher

P.O. Box 100

Rogersville, Tenn. 37857

615-272-7422 • Fax 615-272-7889

Date: January 3, 1994

To: Hawkins County

Ref: Public Hearing

P.O. #: 16548

Charge: 7.40

Classified Advertising 12-16-93
(Date of Insertion)

Display Advertising _____
(Date of Insertion)

This is to certify that the above advertisement was inserted in the Rogersville Review/Retailer on the above dates.

[Signature]
Ellen M. Addison, Publisher

Witnessed: January 3, 1994

Mildred Shortt
Notary

My commission expires: 11-21-94

LEGAL NOTICE
A public hearing will be held on January 24, 1994 in the Circuit Courtroom of the Hawkins County Courthouse at 10:30 a.m. The public is invited to inspect and comment on the regional solid waste management plan for Hawkins County. G. Douglas Price, Chairman of Regional Solid Waste Board.
x 12/16, PO#16548

JANUARY 24, 1993 AT 10:30 A.M. COUNTY COURT HELD A PUBLIC HEARING
FOR SOLID WASTE PLAN.

REPORTS WERE SUBMITTED BY FIRST TENNESSEE DEVELOPMENT DISTRICT FOR
SOLID WASTE PLAN AND ARE ON FILE IN THE ORIGINAL COUNTY COURT
RECORDS.

COUNTY COURT RESUMED AT 11:15 A.M.

Those in attendance were:

G. Douglas Price, County Executive & Chairman of Commission Board
Donna Alvis, County Clerk
Chris Craig, FTDD
Tamara Bowers FTDD
Billy K. Housewright, Comm.
Fred Montgomery, Comm.
Kenneth B. Long, Comm.
Hanes Cooper, Comm.
Bobbie Jean McNabb, Comm
Eugene Ward, Comm.
Claude Parrott, Comm
Doyle Anderson, Comm
D. L. Johnson, Comm
Charles Thacker, Comm
Charlie Freeman, Comm
Boyd Goodson, Comm
Garnie K. Thacker, Comm.
Howard Elkins, Comm
Lawrence Smith, Comm
Mooda Cook, Comm
Gary L. Newton, Comm
Wayne Newton, Comm
Bill Grubb, Morristown Tribune
Greg Leaming, Kingsport Times News
Tammy Cheeks, Rogersville Review
Nancy Bell
other general public

APPENDIX E

MINUTES OF THE HAWKINS COUNTY PLANNING COMMISSION

A called meeting of the Hawkins County Planning Commission was held on Thursday, April 28, 1994 at 1:00 P. M. in the Kenner House, Rogersville, Tennessee.

Members Present:

William E. Phillips, Chairman
David Bombailey
Albert Horne
W. Clay Johnson
Thomas A. H. Hicks

Members Absent:

Larry Hagood,
Secretary
Dr. R. B. Baird

Staff Representative: Albert Teilhet

Mr. Phillips presided. The January 27, 1994 minutes were approved as written.

Final Approval of the Jerry Steadman Property Subdivision

The subdivision is located on Clemens Road in the 1st civil district. The total subdivision has 17 lots, but only 6 lots are less than 5 acres. The subdivision submitted for approval only includes the lots less than 5 acres. The subdivision submitted for approval had 6 lots with 7.17 acres. The surveyor was Murrell Weems.

A motion was made by Mr. Horne and seconded by Mr. Bombailey to grant final approval. The motion carried unanimously.

Final Action on the Velma McAnally Property Subdivision

The property is located on US 11-W in the 2nd civil district. The 15.21 acre tract of land has 45.37 feet of road frontage on US 11-W. The property will be divided among the three children when the parents die. One of the children received a 3.14 acre tract which had all the road frontage. The rest of the property will be divided between the other two children. However, the two children will receive only one acre lot now with the rest to be given later.

Staff stated that there were too many problems with the lot to grant final approval.

A motion was made by Mr. Horne and seconded by Mr. Bombailey to allow them to proceed at their own risk. The motion carried unanimously.

Presentation of Hawkins County's Solid Waste Plan

Charlie Freeman presented Hawkins County's 10 year solid waste plan. The plan meets the State of Tennessee's required 25 percent reduction of solid waste based on 1989 tonnage. A recycling system for batteries and used motor oil in place will be expanded.

A motion was made by Mr. Horne and seconded by Mr. Bombailey to approve the solid waste plan. The motion carried unanimously.

Adjournment

There being no further business, the meeting was adjourned at 1:45 P. M.

Signed: _____

Approved: _____

First
Tennessee
Development
District

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604
(615) 928-0224 • Fax (615) 928-5209

Carter
Elizabethton
Watauga

May 26, 1994

Greene
Baileyton
Greeneville
Mosheim
Tusculum

Dear Rogersville Planning Commission,

As you know the Hawkins County Solid Waste Planning Board has recently completed the Hawkins County Regional Solid Waste Management Plan which meets the requirements of the Solid Waste Management Act of 1991. Due to the fact that the planning document may affect the future of a given area in the Region, the document is to be made available to the appropriate municipal and regional planning commissions.

The Solid Waste Plan is available for your review in the Hawkins County Executive's office Monday through Friday 8:30 a.m. to 4:30 p.m. Any comments you may have on the Plan can be addressed to the First Tennessee Development District.

Hancock
Sneedville

Hawkins
Bulls Gap
Church Hill
Mount Carmel
Rogersville
Surgoinsville

Thank you for your attention.

Sincerely,

Johnson
Mountain City



Christopher L. Craig
Environmental Specialist

Sullivan
Bluff City
Bristol
Kingsport

Unicoi
Erwin

Washington
Johnson City
Jonesborough

First
Tennessee
Development
District

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604
(615) 928-0224 • Fax (615) 928-5209

Carter
Elizabethton
Watauga

May 26, 1994

Greene
Baileyton
Greeneville
Mosheim
Tusculum

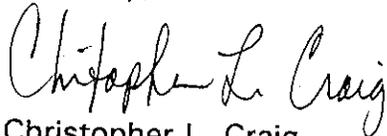
Dear Church Hill Planning Commission,

As you know the Hawkins County Solid Waste Planning Board has recently completed the Hawkins County Regional Solid Waste Management Plan which meets the requirements of the Solid Waste Management Act of 1991. Due to the fact that the planning document may affect the future of a given area in the Region, the document is to be made available to the appropriate municipal and regional planning commissions.

The Solid Waste Plan is available for your review in the Hawkins County Executive's office Monday through Friday 8:30 a.m. to 4:30 p.m. Any comments you may have on the Plan can be addressed to the First Tennessee Development District.

Thank you for your attention.

Sincerely,



Christopher L. Craig
Environmental Specialist

Johnson
Mountain City

Sullivan
Bluff City
Bristol
Kingsport

Unicoi
Erwin

Washington
Johnson City
Jonesborough

First
Tennessee
Development
District

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604
(615) 928-0224 • Fax (615) 928-5209

Carter
Elizabethton
Watauga

May 26, 1994

Greene
Baileyton
Greeneville
Mosheim
Tusculum

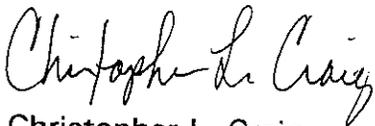
Dear Mount Carmel Planning Commission,

As you know the Hawkins County Solid Waste Planning Board has recently completed the Hawkins County Regional Solid Waste Management Plan which meets the requirements of the Solid Waste Management Act of 1991. Due to the fact that the planning document may affect the future of a given area in the Region, the document is to be made available to the appropriate municipal and regional planning commissions.

The Solid Waste Plan is available for your review in the Hawkins County Executive's office Monday through Friday 8:30 a.m. to 4:30 p.m. Any comments you may have on the Plan can be addressed to the First Tennessee Development District.

Thank you for your attention.

Sincerely,



Christopher L. Craig
Environmental Specialist

Johnson
Mountain City

Sullivan
Bluff City
Bristol
Kingsport

Unicoi
Erwin

Washington
Johnson City
Jonesborough

First
Tennessee
Development
District

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604
(615) 928-0224 • Fax (615) 928-5209

Carter
Elizabethton
Watauga

May 26, 1994

Greene
Baileyton
Greeneville
Mosheim
Tusculum

Dear Bulls Gap Planning Commission,

As you know the Hawkins County Solid Waste Planning Board has recently completed the Hawkins County Regional Solid Waste Management Plan which meets the requirements of the Solid Waste Management Act of 1991. Due to the fact that the planning document may affect the future of a given area in the Region, the document is to be made available to the appropriate municipal and regional planning commissions.

Hancock
Sneedville

The Solid Waste Plan is available for your review in the Hawkins County Executive's office Monday through Friday 8:30 a.m. to 4:30 p.m. Any comments you may have on the Plan can be addressed to the First Tennessee Development District.

Hawkins
Bulls Gap
Church Hill
Mount Carmel
Rogersville
Surgoinsville

Thank you for your attention.

Sincerely,



Christopher L. Craig
Environmental Specialist

Johnson
Mountain City

Sullivan
Bluff City
Bristol
Kingsport

Unicoi
Erwin

Washington
Johnson City
Jonesborough

**First
Tennessee
Development
District**

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604
(615) 928-0224 • Fax (615) 928-5209

Carter
Elizabethton
Watauga

May 26, 1994

Greene
Baileyton
Greeneville
Mosheim
Tusculum

Dear Surgoinsville Planning Commission,

Hancock
Needville

As you know the Hawkins County Solid Waste Planning Board has recently completed the Hawkins County Regional Solid Waste Management Plan which meets the requirements of the Solid Waste Management Act of 1991. Due to the fact that the planning document may affect the future of a given area in the Region, the document is to be made available to the appropriate municipal and regional planning commissions.

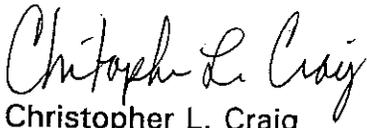
Hawkins
Sullis Gap
Church Hill
Mount Carmel
Rogersville
Surgoinsville

The Solid Waste Plan is available for your review in the Hawkins County Executive's office Monday through Friday 8:30 a.m. to 4:30 p.m. Any comments you may have on the Plan can be addressed to the First Tennessee Development District.

Thank you for your attention.

Sincerely,

Johnson
Mountain City



Christopher L. Craig
Environmental Specialist

Sullivan
Bluff City
Bristol
Kingsport

Unicoi
Erwin

Washington
Johnson City
Jonesborough

TO THE HONORABLE G. DOUGLAS PRICE, Chairman, and Members
Of the Hawkins County Board of Commissioners in REGULAR
Session, Met this 25 Day of APRIL, 1994.

RESOLUTION IN REF: HAWKINS COUNTY REGIONAL SOLID WASTE MANAGEMENT PLAN

BE IT RESOLVED THAT:

WHEREAS, the Hawkins County Regional Solid Waste Planning Board has the responsibility to develop a 10 year plan describing how the Region will meet it's solid waste issues.

Hawkins County has chosen to be a One County Region and the full responsibility resides with the county. The plan should be adopted by the County Commission to support and fund the plan. The initial plan is completed and attached for approval.

THEREFORE BE IT RESOLVED that the attached Hawkins County Regional Solid Waste Plan be approved for presentation to the proper authorities.

CHARLES FREEMAN

Introduced by Esq. HOWARD ELKINS Estimated Cost: _____
MEMBERS OF PLANNING REGION
Seconded by Esq. Charlie Thacker Paid From _____ Fund

ACTION: AYE NAY
Roll Call 19 0
Voice Vote _____
ABSENT 2 _____

Date Submitted 4-11-94
Janna Alvin - Lee
COUNTY CLERK

BY: _____

COMMITTEE ACTION:

APPROVED

DISAPPROVED

CHAIRMAN: G. Douglas Price

ROLL CALL VOTE: April 25 1994

Regular SESSION RESOLUTION #27:

	ABSENT	PASSED	YES	NO
OSCAR ALLEY			✓	
JEFF JACKSON			✓	
WILLIAM G. MARSH	✓			
BILLY K. HOUSEWRIGHT			✓	
FRED MONTGOMERY			✓	
KENNETH B. LONG			✓	
HANES COOPER			✓	
BOBBIE JEAN MCNABB			✓	
EUGENE WARD			✓	
CLAUDE PARROTT			✓	
DOYLE R. ANDERSON			✓	
D. L. JOHNSON			✓	
CHARLES THACKER			✓	
CHARLIE FREEMAN			✓	
BOYD GOODSON			✓	
GARNIE K. THACKER			✓	
HOWARD ELKINS			✓	
LAWRENCE SMITH	✓			
MOODA COOK			✓	
GARY L. NEWTON			✓	
WAYNE WAGNER			✓	
TOTAL	<u>2</u>	<u>0</u>	<u>19</u>	<u>0</u>

DONNA ALVIS
COUNTY CLERK

STATE OF TENNESSEE
COUNTY OF HAWKINS

I, Donna Alvis, Clerk of the County Court of Hawkins County, Tennessee, hereby certify the within to be a true and correct copy of Solid Waste Management Plan

as filed in my office and recorded in Minute Book 48 at page No. 330-331

WITNES my hand and official seal of office, in Rogersville, Tennessee, this 20th day of May 94

DONNA ALVIS, County Clerk
By: Lois Hoerner
Deputy Clerk

405