

Routing Page  
Solid Waste Planning Region  
5 - YR Update

Planning Region: Lipton County 84

Clerk

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If no, skip question and go directly to question.*
  
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6. Which reviewer was assigned to this report?  Wayne  Bob
7. *Continue to question.*
  
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Reviewer

Date review is complete 3/28/02 Reviewer's initials SK  
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STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
Division of Community Assistance  
8<sup>th</sup> Floor, L & C Tower  
401 Church Street  
Nashville, Tennessee 37243-1533

March 28, 2002

Mr. Leon Davenport, Chairman  
Tipton County Municipal Solid Waste Planning Region 84  
P. O. Box 310  
200 Hwy 51 South  
Brighton, TN 38011

Dear Mr. Davenport:

The *Five-Year Update* to the Tipton County MSW Planning Region's Solid Waste Plan has been reviewed by division staff and has been found to be complete, informative, and very well written. We commend you in this effort and we are pleased to approve this excellent plan.

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

If you have comments or need our assistance, please contact me at the Division of Community Assistance, [bob.knight@state.tn.us](mailto:bob.knight@state.tn.us) or (615) 532-0082.

Sincerely,

Robert G. Knight  
Planning, Reporting, and Waste Reduction

Copy: The Honorable Jeff Huffman, Tipton County Executive  
Mr. Leon Davenport, Tipton County Public Works Director  
Ms. Geneil Dillehay, Consultant, Dillehay & Associates  
Mr. Mike Stooksberry, UT-CTAS  
Mr. Steve Andrews, Memphis Area Assoc. of Governments  
Mr. Vaughn Cassidy, EC, Memphis Environmental Assistance Center



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
Division of Community Assistance  
401 Church Street, 8<sup>th</sup> Floor  
Nashville, TN 37243-1533

March 26, 2002

Mr. Leon Davenport, Acting Chairman  
Tipton Co. SW Planning Region 84  
P. O. Box 310  
200 Hwy 51 South  
Brighton, TN 38011

RE: Five-year Update to Ten-year Solid Waste Plan  
Tipton Co. SW Planning Region

Dear Mr. <sup>Leon</sup>Davenport:

Thank you for your submission of the Tipton Co. SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on March 22, 2002. Division staff will complete the review within the next 90 days as required by The Solid Waste Act of 1991.

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

Sincerely,

Louis Bordenave

LB:pag

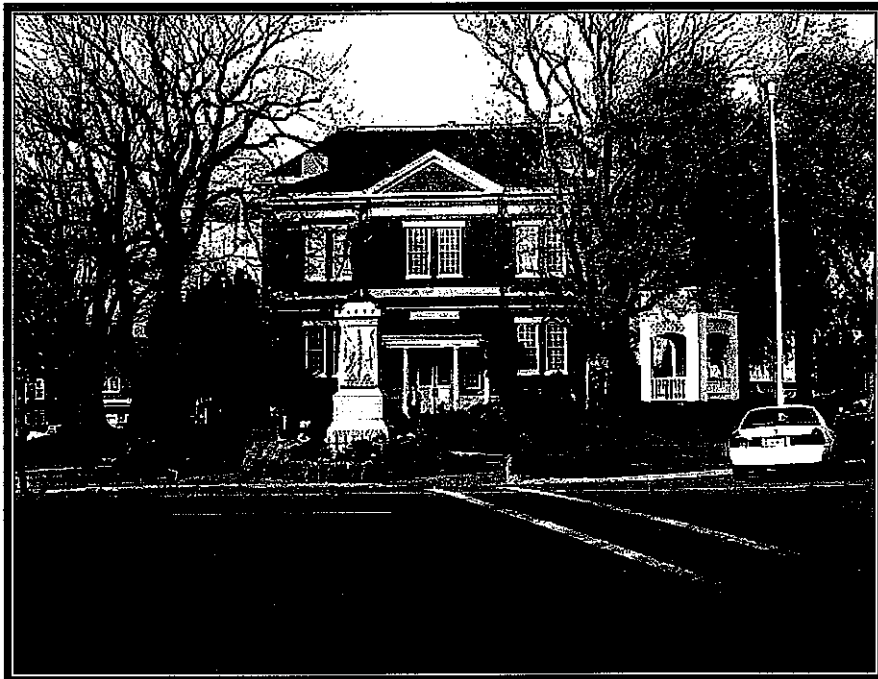
cc: The Honorable Jeff Huffman, Tipton County Executive  
Mr. Leon Davenport, Tipton County Public Works Director  
Mr. Steve Andrews, (SWM), Memphis Area Assoc. of Governments  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Ms. Geneil Dillehay, Consultant  
Ms. Vaughn Cassidy, EC, Memphis Environmental Assistance Center

# Tipton County

## Municipal Solid Waste Planning Region

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# Solid Waste Regional Plan



*Tipton County Courthouse*

## **FIVE-YEAR UPDATE**

**March 11, 2002**

**Prepared by**

**Dillehay and Associates  
88 Difficult Rd.  
Carthage, TN 37030  
(615) 774-3633**

**TIPTON COUNTY SOLID WASTE PLANNING REGION**

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**FIVE-YEAR UPDATE  
TO TEN YEAR SOLID WASTE PLAN**



**March 11, 2002**

**Prepared by**

**Dillehay and Associates  
88 Difficult Rd.  
Carthage, TN 37070  
(615) 774-3633**

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## INTRODUCTION

In response to the Solid Waste Management Act of 1991 local governments were required to form solid waste planning regions for the purpose of preparing comprehensive ten year plans for the management of solid waste generated within their region. The minimum size of a solid waste planning region was limited to a single county. In the case where city or town limits crossed county lines, the city could choose the county it wished to plan with from those in which it was located. Upon the formation of a solid waste planning region the act required the establishment of a regional solid waste planning board. The act established the role and responsibilities of these boards. The primary responsibility given to these boards was that of long range planning for solid waste management within the region. The board's members were charged with looking into the future and making comprehensive, integrated solid waste management plans. The object of these plans was to provide the region's legislative bodies with the information necessary to make informed decisions assuring that safe, practical and economical solid waste management was available to all citizens within the region.

Tipton County initially formed a municipal solid waste planning region with Haywood County and Lauderdale County in calendar year 1992. The region's ten year plan was approved October 8, 1996. Later that same year the region's three counties decided to disband the multi-county region into three single county regions. Tipton County passed a resolution removing it from the 3 county region and forming the Tipton County Municipal Solid Waste Planning Region on March 14, 1997. Then, according to the mandates of the Solid Waste Management Act of 1991, the regional board was appointed and organized. In addition to preparation of the region's ten-year solid waste management plan, further provisions of the Solid Waste Management Act of 1991 require that solid waste planning regions:

- ④ Submit annual progress reports on the implementation of the region's ten year solid waste plan
- ④ Prepare five-year updates to the original plan

The purpose of the five-year update is to summarize achievements of the region during the past five year period and then for the next ten year planning horizon to identify any new needs of the region regarding compliance with state mandates. Once needs are identified, the regional board is to 1) devise an implementation schedule of new programs to meet these needs; 2) forecast a proposed ten year budget for implementing these programs; 3) identify revenue sources for funding the proposed budget.

This document has been prepared in compliance with the state's requirements for the five-year update to the Region's original solid waste plan. It is hoped that the information contained in this plan will identify a course for and assist the region's decision-makers in coping with solid waste management issues for the next ten-year planning period.





## CHAPTER 1: Summary

### Overview

Tipton County in west Tennessee is a 459 square mile area bounded by the Mississippi and Hatchie Rivers and by Haywood County on the east and by Shelby County on the south. The Region is characterized by rolling terrain blending into the lowlands and bluffs of the Mississippi Basin. Agriculture is a significant economic activity, although much of the land remains heavily wooded where not cleared for agricultural activities. The population density, over 85 people per square mile, is about twice the density of other adjacent rural counties. Shelby County on the south side is, of course, a major metropolitan area, and the location of the city of Memphis.

The Hatchie River is designated a Scenic River, and remains a free flowing river from its origins to the Mississippi River. The bottomland is known to be an excellent wildlife refuge.

Table I-1 Political Entities Included in the Tipton County Solid Waste Planning Region with Associated Populations

CITY/TOWN	POPULATION
Town of Atoka	3,235
Town of Brighton	1,719
Town of Burlison	453
City of Covington	8,463
Town of Garland	309
City of Gilt Edge	489
Town of Mason	1,089
Town of Munford	4,708
Remainder	30,776
<b>Total</b>	<b>51,241</b>

Source: 2000 Census

### Waste Management Strategy Identified in Original Ten Year Solid Waste Plan

Tipton County had joined with Lauderdale and Haywood counties in submittal of the original ten-year plan. Municipal Solid Waste Planning Region Ten Year Plan records indicated that in 1991 waste was managed according to the methodology summarized in Table I-2.

Table I-2 Tipton County Solid Waste Management Methodology For Calendar Year 1993

Waste Management Method	Tons Per Year	%
Reduced	Not quantifiable	Not quantifiable
Recycled	Not quantifiable	Not quantifiable
Composted/Mulched	Not quantifiable	Not quantifiable
Diverted (other than Class III/IV disposal)	Not quantifiable	Not quantifiable
Class III/IV Disposal	Not quantifiable	Not quantifiable
Class I Disposal	33,458	100.0
Unmanaged	Not quantifiable	Not quantifiable
<b>Total</b>	<b>33,458</b>	<b>100.0</b>

The region's goals for managing its waste as set forth in the Municipal Solid Waste Planning Region's Annual Progress Report for calendar year 1997 were as follows:

Residential Recycling and Composting	10%
Diversion /Reduction Class III/IV	15%
Class I Landfilling	75%

### Current Solid Waste Management Strategy

Tipton County's Public Works Department is charged with the responsibility of assuring that adequate solid waste collection and disposal capacity is available to all residents of the region. The department does this through:

- ① Operation of a convenience center for collection of solid waste, recyclables and problem waste over the Region;
- ① Maintenance of a used automotive liquids drop-off point;
- ① Operation of a Class III/IV Landfill in the Region for diversion of construction and demolition waste;
- ① Provision of a contract for county-wide collection with Barker Brothers.

Waste which cannot be eliminated from the waste stream through source reduction, re-use, recycling, composting or diversion is routed to permitted Class I landfills in other solid waste regions of the state. A more detailed description of these programs is presented in the following paragraphs.

### Waste Stream Generation and Characteristics

The original Development District Needs Assessment provided the approximate numbers presented in Table I-3 for waste generation in Tipton County for calendar year 1993. As a result of growth in all sectors of the county, Tipton County's current waste distribution according to source should more closely mirror that at the national level and fall into the following classifications at the percentages shown in Table I-3.

Table I-3 Estimated Distribution of Solid Waste According To Source Based on National Values

Waste Source	1993%*	1999%**
Residential	59%	23%
Commercial/Institutional	13%	48%
Industrial	25%	29%
Other	3%	0%
<b>Total</b>	<b>100%</b>	<b>100%</b>

\* Source: Tipton County Development District Needs Assessment, 1993

\*\*Source: EPA contracted study

### Solid Waste Collection

In 1998 the Tipton County Solid Waste Planning Region established that a minimum of 90% of the residents in the region had solid waste collection service available to them through city or county collection programs. While these existing programs meet the state's solid waste collection requirements, Tipton County continues to enhance solid waste collection opportunities as needed.

Currently, Tipton County operates a convenience center in the Region, providing residential garbage, recyclables and problem waste drop-off service; and a used automotive fluid drop-off location. Both locations are available to all residents of the county. Additionally, the county maintains an agreement with Northwest Tennessee Disposal Corporation (NWTDC) in which NWTDC agrees to pick-up residential waste anywhere in the county on a subscription basis. Various other commercial solid waste haulers operate in the county running commercial/industrial and residential routes.

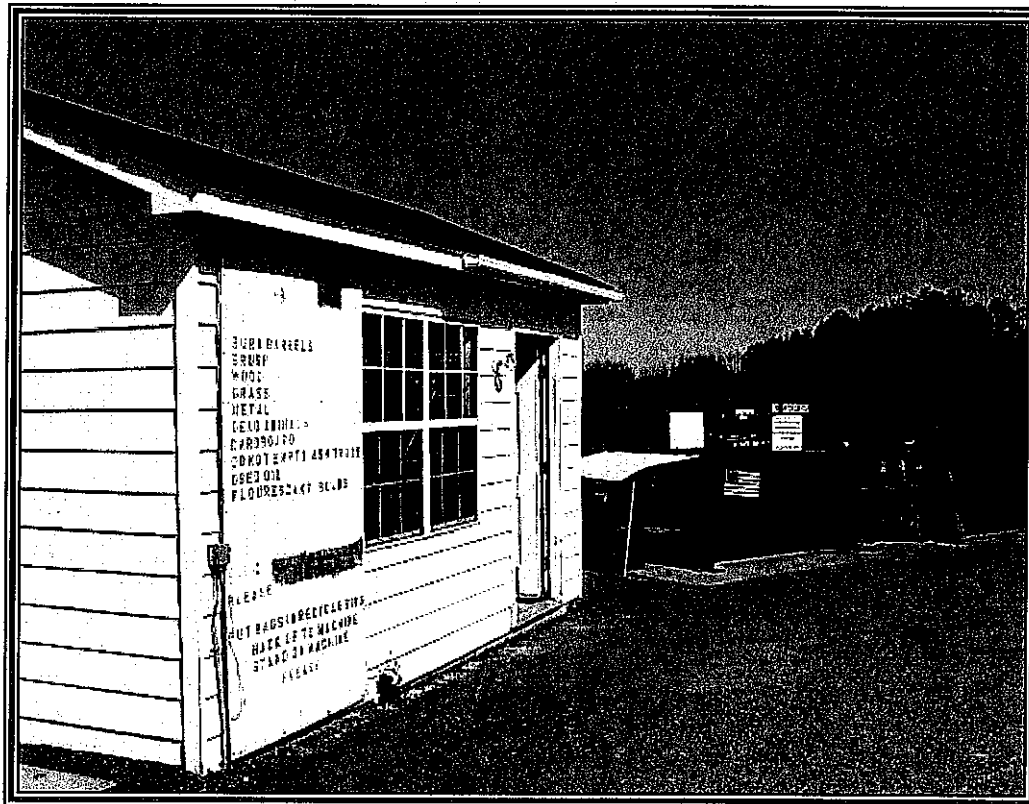
The locations of the county's convenience center, used automotive fluid drop-off location and Class III/IV landfill are identified on the Region's system map included as Figure I-3.

The City of Covington provides its residents with curbside garbage collection service and disposal through a city-sponsored contract. Currently, this contract is with BFI and serves both the residential and commercial sectors of the city. Waste collected under this contract is disposed of at the North Shelby Class I Landfill in Millington, Tennessee. The industrial community is served on a subscription basis by various waste haulers operating in the region. The city also maintains a Class IV disposal facility. This facility receives the majority of Class IV waste (leaves, yard waste, brush and construction/demolition material) generated within the city of Covington. In 2001 this facility diverted approximately 200 tons of Class IV material. This solid waste program is administered and funded through the city's public works department.

A table listing the political entities within the Tipton County Planning Region and the types of solid waste collection they provide follows as Table I-4.

Table I-4 Solid Waste Collection and Class I Landfill Disposal Services Available In The Region

County/ City/Town	Service Recipient	Service Provided	How Financed	Accounting	When Instituted	Legal Authority
Tipton County	All residents of the County	Solid Waste Collection- Convenience Center Collection of residential refuse, and recyclables. Class I waste hauled to appropriate disposal. Maintenance of a county wide collection agreement with NWTDC.	Class I solid waste collection and disposal financed through property tax, with transfer to the solid waste special revenue fund.	Standard Chart of Accounts for County Government, Special Revenue Fund	1998	TCA 68- 211-835
City of Covington	Commercial establishments and Residents of the City of Covington	Residential- Curbside collection of refuse by the City of Covington, hauled to Class I disposal facility in Millington, Tennessee.	Residential- \$12 per month user fee with any shortfall funded through General Fund transfer to public works budget.	Standard Chart of Accounts for City Government.	1995	City Charter



Tipton County Convenience Center

## Waste Reduction, Recycling, Compost/Mulch and Diversion Programs

### Source Reduction

Source reduction is an important component of many industrial, institutional and commercial establishments in Tipton County. Tipton County's prospering economy has not only spurred the expansion and development of existing and new business and industry in Tipton County but in-house recycling and reduction programs as well. Tipton County's close proximity to some of the large recycling markets of Memphis encourages many commercial, industrial and institutional establishments to contract directly with these markets for recycling services. The City of Covington makes periodic attempts to quantify commercial/industrial source reduction efforts within the city limits. The results of the survey for calendar year 2000 showed that approximately 28,535 tons of cardboard and 30 tons of metal were reduced, reused or recycled for a total of 28,565 tons.

### Recycling

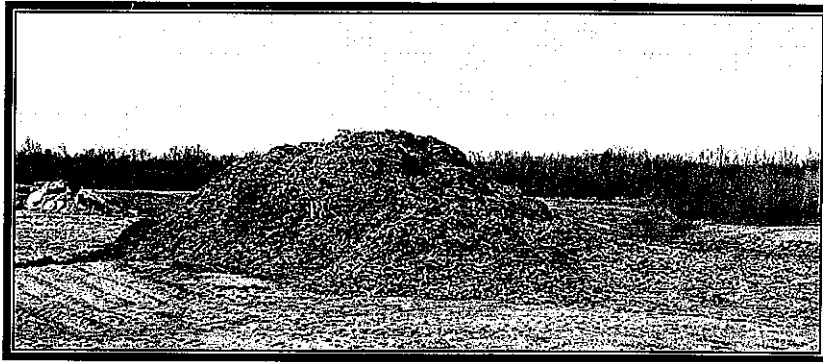
The Tipton County Public Works Department maintains and operates a convenience center for collection of both solid waste and recyclables and a separate drop-off point for used oil. The Tipton County Public Works Department collects and hauls recyclable materials from the convenience center operated by the county to various end users and/or processors of the materials collected. Additionally, the county facilitates recycling in some area schools by placing a container for the collection of various recyclable materials. Recyclables collected from the schools are hauled directly to recycling markets. The total tons of material collected and recycled from Tipton County's recycling drop-off site and school recycling program in 2001 was 1080.77 tons. Appendix III includes a list of recycling and problem waste drop-off collection points in the Region and includes a summary of operational information and materials that are collected at these facilities.



Tipton County Convenience Center Recycling

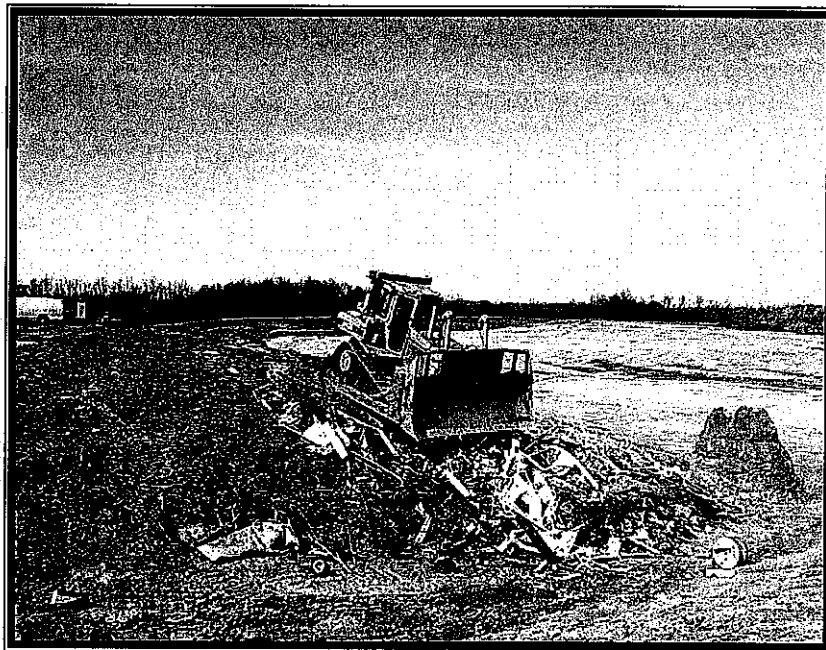
## Composting and Mulching

A portion of the waste received at the Tipton County Class III/IV landfill in calendar year 2001 was yard waste, leaves and brush. This material was delivered to the facility by private garbage haulers, and local residents. While the material is not now separated and processed into mulch and compost, the potential remains for this portion of the waste to be recycled in the future. Another portion of the material received at the Class III/IV landfill is Christmas trees. After being brought to the landfill these trees are chipped and the chips then given away to county residents or utilized in soil stabilization and erosion control efforts at the Class III/IV landfill.



Waste Diversion

During calendar year 2001, 12,755 tons of waste was diverted to Class III/IV disposal in the Tipton County Class III/IV landfill. Another 200 tons of waste was diverted to the City of Covington yard waste and brush site.



A summary of waste reduction programs operating in Tipton County and the tonnage diverted by these programs in 2000-2001 is summarized as follows in Table 1-5.

Table I-5 Waste Reduction Programs and Tonnage Reduced or Diverted in Calendar Years 2000 and 2001\*

Activity	Tons Diverted
Source Reduction (City of Covington Commercial/Industrial Survey (CY 2000):	28,535
Recyclables:	
Tires	525.04
Metal	418
White Goods	31
Paper/Paper Products	106.23
Plastics and Other Materials	0.5
(Subtotal Recyclables)	(1080.77)
Composted/ Mulched(Chipped Christmas Trees):	0.95
Household Hazardous Waste:	4.56
Class III/IV Waste Diversion:	
Tipton County Class III/IV Landfill**	12,755
City of Covington Yardwaste and Brush Site**	200
(Subtotal Class III/IV Diversion)	(12,955)
<b>Total</b>	<b>42,576.28</b>

\* Note: tonnages are for calendar year 2001 unless otherwise indicated.

\*\* Estimate calculated by converting cubic yards to tons, tonnage calculation based on a conversion factor of four cubic yards to one ton.





## Disposal

Tipton County operated a Class I landfill until October 1996. The facility was officially certified as closed by the state on July 6, 1998. Today, waste collected within the Tipton County Solid Waste Planning Region which is not reduced, recycled or diverted from Class I landfill disposal is transferred to Class I landfills outside the region. Waste collected at the County's convenience center is hauled to the NWIDC transfer station located in Covington. Waste generated and collected within the Region in calendar year 2001 for Class I disposal was directed to Class I waste disposal facilities as indicated in Table I-6.

Table I-6 Class I Landfills Utilized for Disposal of Class I Waste Generated Inside the Tipton County Municipal Solid Waste Planning Region for 2001

Facility	County	Tonnage
Northwest Tennessee Disposal Corporation	Obion County	31,490
BFI Millington (North Shelby Landfill)	Shelby County	9,648
Knight's Disposal Service	Arkansas	24.54
<b>Total Tonnage</b>		<b>41,162.54</b>

A summary of the system wide management of waste generated in Tipton County is presented in Table I-7.

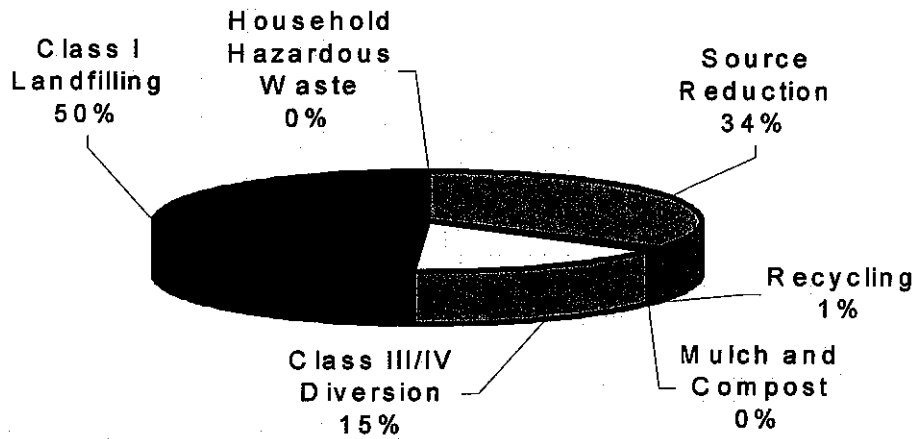
Table I-7 Tipton County Solid Waste Management Methodology For Calendar Year 2001

Waste Management Method	Tons Per Year	Percent of Total Waste Stream
Reduced	28,535	34.1
Recycled	1080.77	1.3
Composted/Mulched	0.95	Negligible
Class III/IV Diversion	12,955	15.4
Household Hazardous Waste	4.56	Negligible
Class I Disposal	41,162.54	49.2
Unmanaged *	Negligible	Negligible
<b>Total</b>	<b>83,738.82</b>	<b>100</b>

**\* The amount of unmanaged waste in the county is negligible in comparison with other tonnages above. This assumption is based on visual observations of employees of the Tipton County Public Works Department and lack of citizen complaints.**

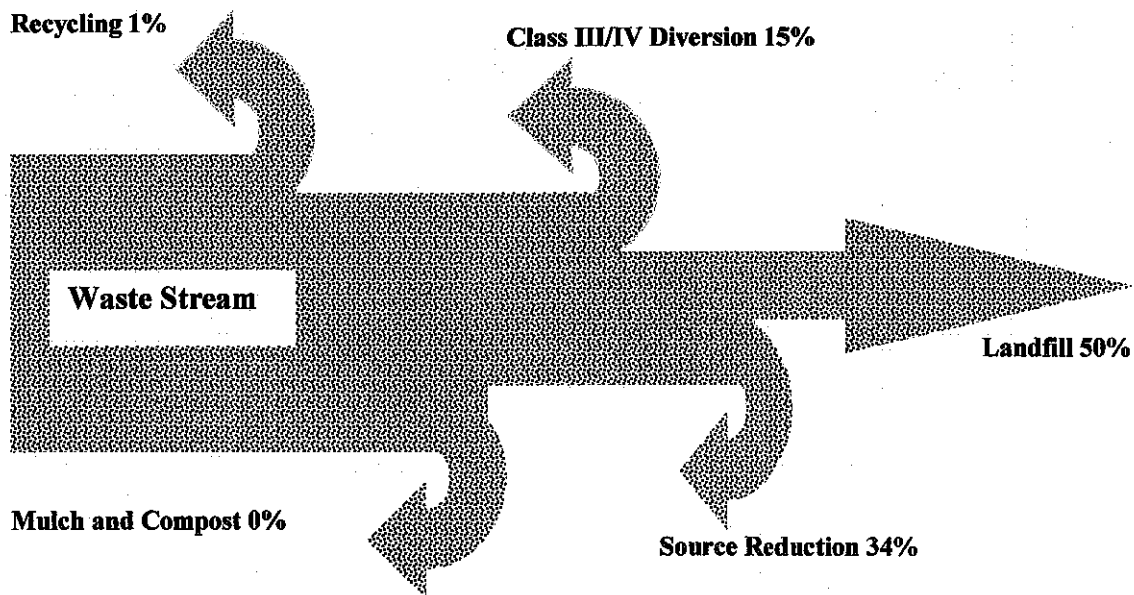
A pie chart representation of the information in Table I-7 follows as Figure I-1:

**Figure I-1 Pie Chart Representation of Tipton County Waste Management Activities for Calendar Year 2001**



A flow diagram of this waste management methodology for calendar year 2001 is shown as Figure I-2.

**Figure I-2 Flow Diagram of Solid Waste Management Methodology For Tipton County Solid Waste Planning Region for 2001**



## Problem Waste Collection

Tipton County has in-place or has assured the existence of programs for the collection of problem waste such as tires, used oil, automotive fluids and batteries. Used automobile tires are collected at the county's convenience center, Tipton County Farmer's Coop, and Jackson Tire in Covington. Approximately 525.04 tons of automotive tires were collected in 2001. Used automotive oil and transmission fluid are collected at the Tipton County Public Works Department. Approximately 2600 gallons of used automotive oil was collected at this facility in calendar year 2001. This used oil is either directed to an oil recycling company or used as fuel in oil burning heaters utilized by the Tipton County Public Works Department.

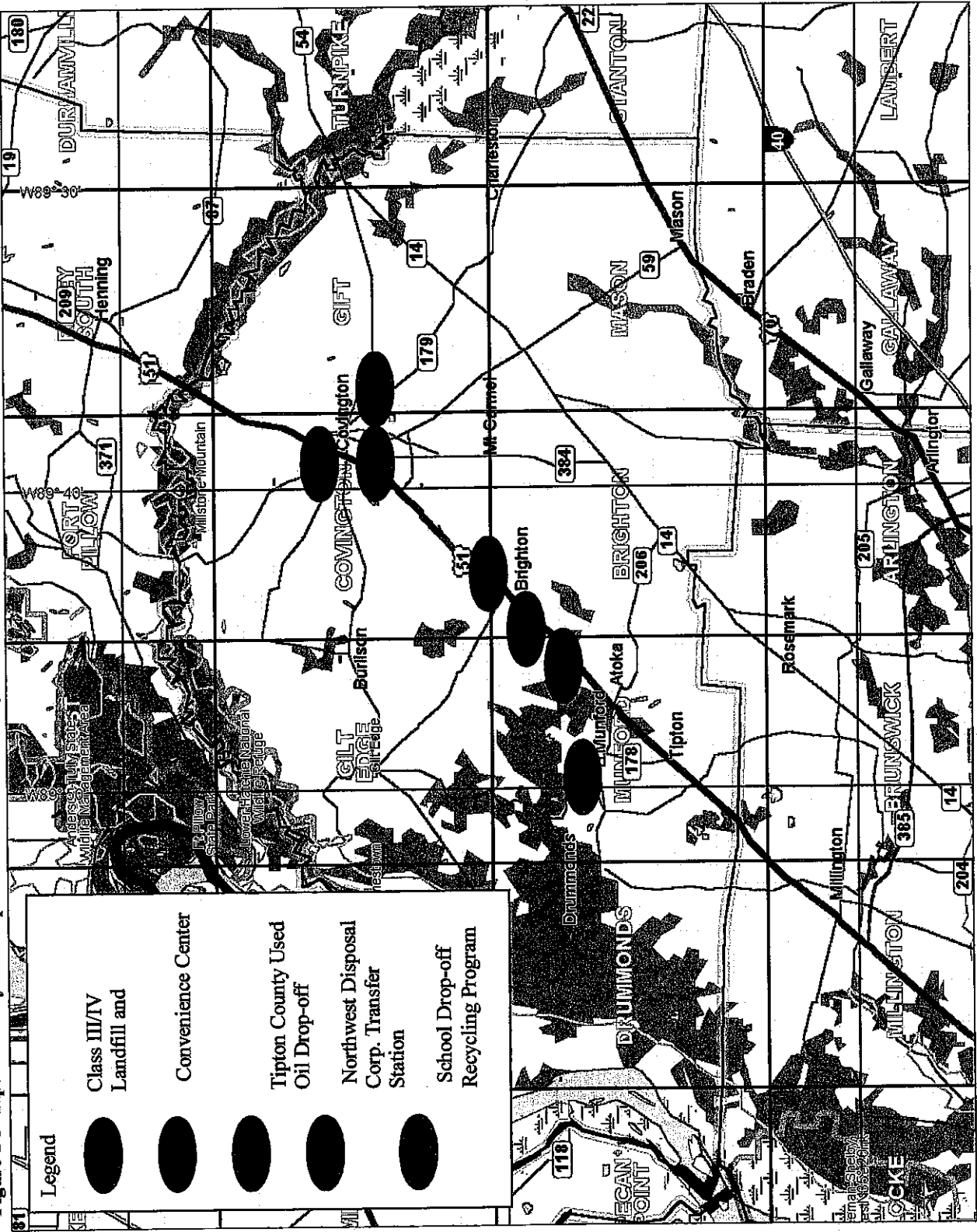
Other used automotive fluids such as antifreeze are collected at commercial establishments, such as Autozone. Old automotive batteries are collected at commercial establishments in the county such as Autozone, Tipton County Farmer's Coop, and Walmart. No tally is maintained by the region for recycling of used batteries or other used automotive fluids by these establishments.





## Illegal Dumps and Litter Cleanup

The region does not conduct formal surveys of roadside dumps. However, upon locating one or having one reported, the Tipton County Public Works Dept., the Tipton County Sheriff's Department, responds as needed. If warranted, information on roadside dumping is relayed to the Tennessee Highway Patrol Litter Officer or the Tennessee Department of Environment and Conservation. The Tennessee Highway Patrol Litter Officer currently serving Tipton County is Sergeant Greg Obie, he can be reached by at the District Administrative Office of the Tennessee Highway Patrol located at 6348 Summer Avenue, Memphis, Tennessee 38134. The telephone number for this office is (901) 543-6281. To date these dumps have been few in number and minor in extent. If at some time in the future there is a noticeable increase, the region may devise a system for accounting for these sites.

During 2001, there were no roadside dumps reported or citizen complaints received by the County.

Figure I-3 Tipton County Municipal Solid Waste Planning Region System Map



Legend	
	Class III/IV Landfill and Convenience Center
	Tipton County Used Oil Drop-off
	Northwest Disposal Corp. Transfer Station
	School Drop-off Recycling Program

3-D TopoQuada Copyright © 1993 Datacube Resources, Inc. 4/96 1:250,000 Date: 9/3 Data: W5584

## Solid Waste Education

There are numerous agencies within the Tipton County Municipal Solid Waste Planning Region that provide education on solid waste management and resource conservation. The Tipton County Public Works Department works with county schools and other community groups to promote waste reduction, re-use and recycling by speaking and providing information on solid waste facilities and programs on an "as requested" basis. The County also works with local fund raising and community events to provide solid waste collection while promoting recycling and litter abatement.

Buddy Bibb of the Tipton County Board of Education (901/476-7148) targets participants from K-12 grades. Recycling and responsible solid waste management, and a concern for the environment are incorporated into the school curriculum, especially the science classes.

Brighton Elementary School students and employees participate in the county sponsored paper and metal recycling programs. While the whole school participates in collecting and dropping off materials for this recycling program, the schools 4<sup>th</sup> graders are the driving impetus, providing the labor and administration to make this program successful.

Gordon Stone is Principal of the Covington Elementary School. This school also sponsors a school recycling program. Students (K-6) and employees all participate. The school makes a special effort to incorporate appropriate solid waste management and recycling principals into its environmental education program which is distributed between science and health curriculums.

As a result of the success of the Brighton and Covington Elementary School programs, additional schools within the region are interested in establishing a similar program at their schools. These schools are scheduled for future programs as indicated on the Region's Implementation Schedule included as Figure I-4.

Kermit Simmons is the sponsor for the Munford Middle School. The school teaches an environmental awareness class and sponsors an environmental club. The Club has purchased lands through the Nature Conservancy to protect rain forests in Central and South America, for bear habitat in the United States, and to protect redwoods in this country. The Club has adopted whales, manatees, dolphins, and wolves. Community projects include building an outdoor classroom, a picnic area, and planting 400 trees.

The results of the efforts of these education instructors and administrators are children with a heightened awareness of:

- the impact of their actions on the natural environment;
- the importance of resource protection and conservation; and
- the necessity of their accepting responsibility for environmental stewardship.

Susan Owen is Director of the Tipton County Clean Community System. This organization, Keep Tipton County Beautiful (KTB), is an affiliate of Keep America Beautiful and is a

resource center for community involvement on litter abatement and prevention. All the residents of the County are targeted for this message. KTB provides the educational component of the requirements for the Tennessee Department of Transportation Litter Grants.



*Tipton County Municipal Solid Waste Regional Planning Board*

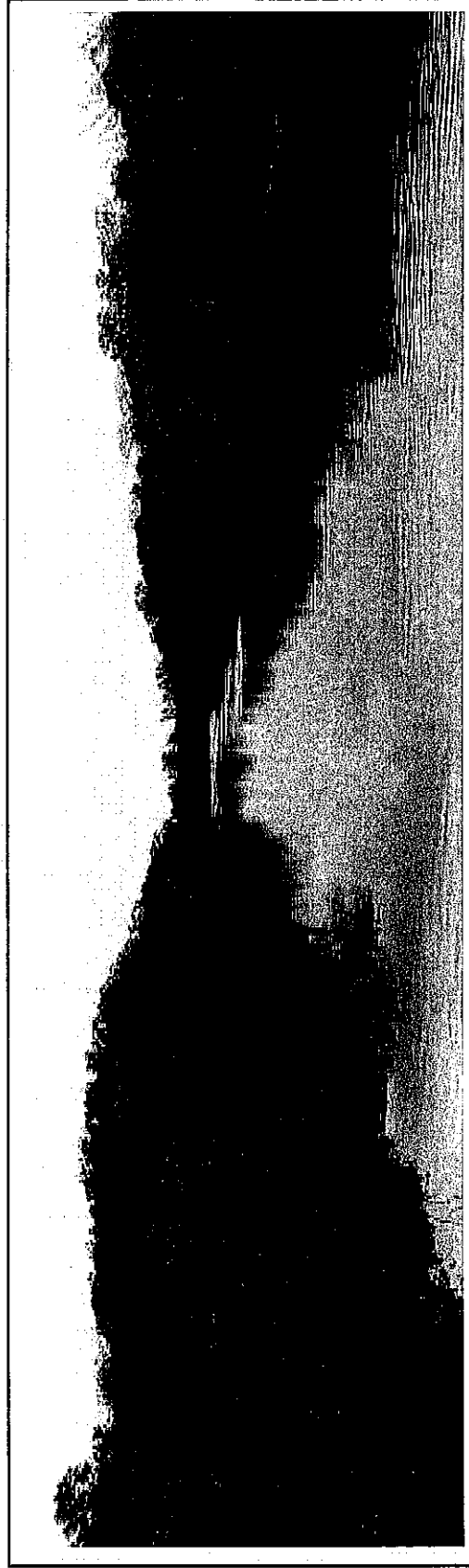
Table 1-8 List of Solid Waste Education Providers and Description of Programs

Agency	Activity	Youth	Adult	Commercial /Industrial Sector
Tipton County Tipton County Public Works Department	Presentations to Schools, Civic Groups and Clubs on a request basis; works with local Chamber of Commerce and other industrial commercial organizations and establishments to provide information on waste reduction and recycling. Sponsors school recycling program at Brighton Elementary School.	✓	✓	✓
Sheriff's Department	Enforcement of tarp and litter laws, education through example of litter collection programs.	✓	✓	✓
Tipton County Board of Education	Teaches appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Brighton Elementary School	Houses student operated and administered paper and metal recycling programs. Teaches environmental ethics as part of curriculum.	✓		
Munford Middle School	Teaches appropriate solid waste management and waste reduction as part of class curricula. Provides environmental awareness instruction. Hosts and sponsors an environmental club for students. Encourages student participation in community and world environmental education and conservation efforts and local beautification projects.	✓		
City of Covington Special School District	Teach appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Covington Elementary school	Houses paper recycling program. Teaches environmental ethics as part of curriculum.			

Table I-8 List of Solid Waste Education Providers and Description of Programs, cont.

University of Tennessee Agriculture Extension Service	Maintains the Tipton County Agriculture Extension Service including the following programs	✓	✓	
Tipton County 4-H Agriculture Extension Service	Presentations on waste management and recycling as part of conservation education program. Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.	✓		✓
Tipton County Clean Community System/Keep Tipton Beautiful	Provides education and resource material for community beautification and education on litter abatement. Facilitates, organizes and conducts various community anti-litter events.			

The contact for all solid waste education activity in Tipton County is Leon Davenport, Tipton County Public Works Department, P.O. Box 310, 8279 Hwy 51, Brighton, TN 38011, Telephone Number: 901/837-6681.



Hatchie River



## Proposed Programs and Changes to Waste Management Strategy

Solid waste management has been and will continue to be a dynamic arena for its players. Successful programs will rely upon flexible strategies that adapt to changes in the field. Even the most carefully crafted ten year plan for managing a region's waste can quickly become outdated if it cannot adjust to the:

- ◆ emergence of innovative technology;
- ◆ opening of new markets and/or the closing of old ones;
- ◆ fluctuations in regional economy;
- ◆ swings in public perception,
- ◆ changes in political policy in the region.

### Collection

Tipton County's existing Convenience Center, and the refuse collection by the City of Covington for its residents and the County's contract for collection for the balance of the County, adequately meets the solid waste collection mandates of solid waste management rules and regulations. Illegally dumped waste and litter are not significant problems in the Region. The county does not anticipate any major changes to the collection program during the next ten year planning period.

### Waste Reduction, Recycling, and Diversion Programs

The Region through implementation of various waste reduction, recycling and diversion programs has made considerable progress toward appropriate collection and management of its waste stream during the last seven years. Specifically, **Tipton County has increased waste reduction, recycling and diversion of waste within the region from 0% in 1993 to 50.8% in 2001.**

Even though the Tipton County Solid Waste Planning Region is currently reducing and recycling a significant amount of its waste, the Region is still committed to continue the expansion of its waste reduction programs. The Region will continue to maximize the amount of waste diverted from Class I landfill disposal to the extent practical. The Region's officials recognize that the County's healthy growth and development rate, and the ever increasing Class I waste disposal cost and liability requires continued efforts to implement more practical, economical and environmentally sound waste reduction within the region. The Region anticipates the continuation of changes in and/or additions to its waste reduction programs as outlined in the following paragraphs.

Recycling- Tipton County Officials are satisfied with the success of the current residential drop-off recycling program but are limited in growth potential due to existing site and building constraints. Depending upon the availability of state recycling grants, the County hopes to build and operate a Materials Recovery Facility in 2003-2004 to facilitate further

expansion of the recyclables drop-off collection program to the commercial/industrial/institutional sector. Due to the success of the school recycling program, the county anticipates expanding this program to include Munford Elementary School in fiscal year 2001-2002 and Crestview Elementary in fiscal year 2003-2004.

Waste Tire Recycling Program- Tipton County officials are satisfied with the county's current waste tire diversion program as described in the previous section titled **Current Waste Management Strategy, Waste Diversion**. The county anticipates no changes to the program currently in place.

Class III/IV Diversion- Tipton County remains committed to the operation and upkeep of the Tipton County Class III/IV landfill. No other implemented program has contributed to diversion from Class I waste as significantly as this landfill.

Composting/Mulching- Tipton County has identified the chipping and composting of clean wood waste as a future waste reduction initiative. The Tipton County Public Works Department is in the early stages of estimating the quantity of this material available for a composting/mulching operation and the possible markets and uses for the products of these operations. Based on the quantities/markets/uses available, the county will develop a program specifying the appropriate methods and equipment necessary to implement the program which best serves the population of Tipton County. The schedule for development of this program is outlined in the implementation schedule included as Figure 4 of this plan.

#### Class I Disposal

The Tipton County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to solid waste disposal programs for Class I waste. As previously described, the County assures adequate disposal capacity through utilization of privately and publicly owned disposal facilities. The county currently has no plans for development of a Class I landfill during the next ten-year planning horizon. The availability of economical landfill capacity through privately operated landfills is anticipated to continue through the next ten year planning horizon.



#### Other Governmental Entities Within the Tipton County Solid Waste Planning Region

The City of Covington provides curbside solid waste collection for its residents and a Class IV Landfill for yardwaste, brush and limited construction/demolition material. Covington officials expect no major changes or additions of new services to their existing solid waste program during the projected ten-year planning period.

Figure 1-4 Tipton County Municipal Solid Waste Planning Region Implementation Schedule

Activity	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Waste Disposal Operations</b>																							
Class I Landfills Stops Accepting Waste																							
Class II Landfills Certified as Closed by State																							
Permit, Construct and Operate Class III/IV Landfill (Phase I)																							
<b>Collection</b>																							
Municipal Solid Waste Collection Available in City of Covington																							
Establish and Operate Convenience Center at Class III/IV Landfill																							
Tipton County Lets for Bid Countywide Solid Waste Collection Contract																							
Countywide Solid Waste Collection Contract Renewal																							
<b>Litter Prevention and Beautification</b>																							
Establish Adopt-a-Highway program																							
Establish KAB Affiliate "Tipton County Clean Commission System"																							
<b>Waste Reduction Programs</b>																							
Establish Waste Tire Collection Program for Residential and Landfill Disposal																							
Establish Recycling at Convenience Center																							
City of Covington Waste Survey of Commercial and Industrial Waste Generators																							
Establish Christmas Tree Chipping Program																							
Conduct Annual Household Hazardous Waste Collection Events																							
Establish Waste Tire Recycling Program (Whole Tires Hauled to Mac's Tire Recycling Facility Sallie, MS)																							
Establish and Operate Drop-off Recycling at Schools:																							
Bridgton Elementary School																							
Munford Elementary School																							
Expand School Drop-off Recycling Program to Include Following Schools:																							
Bridgton Middle School																							
Crestview Elementary School																							
Establish and Operate Materials Recovery Facility*																							
<b>Solid Waste Education</b>																							
Establish Tipton County Clean Commission System for Litter Prevention, Education and Outreach Program																							
Auto/Miscel Presentations Provided to Community and School Groups by Tipton County Public Works																							
Certification of KAB Affiliate "Tipton County Clean Commission System"																							
Establish Adopt-a-Highway Program																							
City of Covington Commercial and Industrial Waste Audit																							
School Recycling Programs																							

\*Expansion of this program during the indicated time frame is dependent upon receipt of State Recycling Equipment Grant Funds.

Legend:  
 Past, current or ongoing activities and/or programs  
 Future activities and/or programs

## **Region's Compliance with Mandates of the Solid Waste Management Act of 1991**

The Tipton County Solid Waste Planning Region is in compliance with most mandates of the Solid waste Management Act of 1991. A table listing each of the mandates of the act and the region's programs that assure compliance with these mandates follows as Table I-9. A survey of the local governments in the region indicates that existing solid waste programs are stable and will continue to operate to keep the region in compliance with state mandates.

### **Solid Waste Funding**

The only governmental entities within the Tipton County Solid Waste Planning Region that provide solid waste collection or disposal services are Tipton County and the City of Covington. The projected ten-year solid waste budgets for Tipton County and the City of Covington are included in Chapter 2 as Figures 2-3 through 2-6. Funding sources for solid waste programs have been in place for several years and are anticipated to keep pace with solid waste expenditures.

Table 1-9 Current Status of Tipton County Government Programs Mandated By The Solid Waste Management Act of 1991

Twenty-five Percent Waste Reduction Goal	Tipton County has been unable to meet this goal for several reasons, but continues to strive to meet the goal.
County Wide Collection Assurance	Assured through the operation of a Convenience Center maintained by Tipton County Public Works Department, and the assurance of commercial subscription curbside collection for the whole county by NWTDC. Also by the curbside collection of refuse by the City of Covington for its residents.
County Wide Disposal Assurance	Assured through use of multiple out-of-region Class I landfill sites
Problem Waste Disposal Assurance	Assured through the operation of a drop-off point for tires located at the Convenience Center maintained by Tipton County and a drop-off point at the Tipton County Public Works Dept., office for oil and transmission fluid and through multiple drop-off points at commercially operated vehicle repair garages, oil change and auto parts dealers through out the county for batteries and other automotive fluids.
Recyclable Collection Assurance	Assured through the use of a drop-off point at the Convenience Center; and through programs at some schools throughout the Region.
Solid Waste Education Planning	Provided by Tipton County Public Works Department, and the Tipton County School Department.
Full Financial Disclosure and Accountability	In compliance
Mandated Planning, Reporting and Record Keeping	In compliance
Ten Year Plan	Approved October 8, 1996
Annual Reports (Annual Progress Report, Collections Assurance Report, Recyclables Report)	All Annual Solid Waste Reports Submittals are up to date.
Five Year Update	Due October 7, 2001

## CHAPTER 2: General Information about the Region

### 1. Region name: Tipton County Municipal Solid Waste Planning Region

Table 2-1 City and County Populations for 2000

CITY/TOWN	POPULATION
Town of Atoka	3,235
Town of Brighton	1,719
Town of Burlison	453
City of Covington	8,463
Town of Garland	309
City of Gilt Edge	489
Town of Mason	1,089
Town of Munford	4,708
Remainder	30,776
<b>Total</b>	<b>51,241</b>

Source: 2000 Census

### Counties in Region:

Tipton County is the only county in this region.

### 1. The total population of the region for calendar year 2000 was:

The total population for the region for 2000 was estimated at 51,241 based on the US Census count.

2. Regional Board Chairperson: **Name:** Leon Davenport  
**Title:** Tipton County Public Works Director  
**Address:** 8279 Hwy 51, Brighton, Tennessee 38011  
**Phone:** (901/837-0148

A complete list of the board members, the entity they represent, and their terms is included in Appendix A. The Regional Solid Waste Planning Board is comprised of five (5) members. These five members as defined in the region's formative resolution represent the following jurisdictions: three members represent Tipton County, one member represents the municipality of Covington, and one member represents the municipality of Munford, both within Tipton County.

4  
3. **Part 9 Solid Waste Authority**

The region does not currently have a Solid Waste Authority.

5  
4. **Contacts For Solid Waste Information Regarding Tipton County Solid Waste Planning Region:**

**Name:** Leon Davenport  
**Title:** Tipton County Public Works Director  
**Address:** 8279 Hwy 51, Brighton, Tennessee 38011  
**Phone:** 901/837-0148

**Name:** Jeff Huffman  
**Title:** County Executive - Tipton County  
**Address:** Tipton County Courthouse, PO Box 686, Covington, TN 38011  
**Phone:** 901/476-0200

u  
5. **Activity Of Solid Waste Board:**

The Tipton County Regional Solid Waste Planning Board is scheduled to meet when there is sufficient business to warrant a meeting. The regional solid waste planning board is comprised of five members. Tipton County appoints three members to the board; the City of Covington appoints one, and the City of Munford appoints one. A list of these board members, the entity they represent and their terms is included in Appendix 1. In addition to board members, various members of the Department of Solid Waste attend the board meetings. The Director of Solid Waste serves as Chair to the board. Other members of the Department of Solid Waste assist in information gathering and reporting to the board on solid waste management issues relating to the region. Members of the audience at these meetings may consist of various interested parties inside and outside of local government. Parties outside of local government may include consultants, vendors, environmental groups and interested citizens. Generally time is reserved at the end of each meeting for members of the audience to comment if they wish.

The board reviews and approves each Regional Solid Waste Plan Annual Report and any updates to the Plan prior to its being submitted to the state. The Region makes every effort to see that these plans are submitted in a timely manner. The Regional Solid Waste Planning Board is also aware that the Solid Waste Management Act requires that the board review and approve each permit for proposed new solid waste facilities prior to permit review by the state. The following steps as outlined by the TDEC-Division of Community Assistance are necessary regarding permit review by the Regional Solid Waste Board.

**Permit Review by Regional Solid Waste Boards  
Per the Solid Waste Management Act [T.C.A. 68-211-814(b)(1)(D)]**

1. The applicant must apply (in writing as he would to the Division of Solid Waste Management) to the Regional Solid Waste Board at or before the time the application process for technical review is initiated with the Division of Solid Waste Management.
2. If the application is in order and the applicant wants to continue, the board must hold a public hearing with proper notice and a written record of the proceedings.
3. When the Board votes on the application, they are not expected to examine the proposal for technical merit. They are expected to compare the project with the financial needs and disposal plans described in the Region's approved ten year plan and determine if the application is consistent with the plan's vision for the region.
4. The regional board has 90 days after the receipt of an application to make a decision. Once a decision is made, it must be communicated in writing to the Commissioner of Environment and Conservation Milton H. Hamilton, and cc: to Mike Apple (Director of Solid Waste Management) and Ron Graham (Director of Community Assistance).
5. A decision by the Region may be appealed in the Davidson County Chancery Court (regardless of the county the board represents).

**6. Region Formation And Structure**

The Tipton County Solid Waste Planning Region was formed within Tipton County as a single county region. Originally, after the passage of the State's "Solid Waste Act of 1991", Tipton County passed a resolution to be included in a multi-county region with two other counties, but difficulties in implementing that plan lead to Tipton County forming a single county region as deadlines approached.

The following is a list of the regional goals for Tipton County at that time:

- To provide an integrated solid waste management system to meet the requirements of the "Solid Waste Management Act of 1991" that is cost effective for its citizens.
- To implement recycling and diversion programs to reduce the amount of waste disposed of.
- To construct a convenience center in order to provide the citizens a more effective means of collection.
- To dispose of waste at a Subtitle "D" landfill in order to help protect the environment.
- To expand curbside collection services to more residents in the county.

Tipton County and the municipalities within have realized these goals and have developed a solid waste management program which is efficient, economical and environmentally protective. The



existing solid waste management program provides the citizens of Tipton County with a convenience center for drop-off waste collection and the option of subscribing to curbside solid waste collection with a commercial garbage hauler. The collected waste is being disposed of in a State permitted Subtitle D facilities. And, residents have the opportunity to drop-off appropriate materials for recycling or diversion and problem waste for recycling or disposal.

Tipton County officials are satisfied with the current status and structure of the county as a single county municipal solid waste-planning region.

8 / **7. Municipalities Providing Collection Services In Region**

A list of the cities providing collection services to their residents with their respective populations follows as Table 2-2

Table 2-2 Cities and Towns within the Tipton County Municipal Solid Waste Planning Region That Provide Municipal Solid Waste Collection

CITY/TOWN	POPULATION
Covington	8,463

The City of Covington is the only municipality in the region other than Tipton County to provide solid waste collection services.

9 / **8. Geographic And Demographic Description Of The Region:**

Tipton County in west Tennessee is a 459 square mile area bounded by the Mississippi and Hatchie Rivers and by Haywood County on the east and by Shelby County on the south. The Region is characterized by rolling terrain blending into the lowlands and bluffs of the Mississippi Basin. Agriculture is a significant economic activity, although much of the land remains heavily wooded where not cleared for agricultural activities. The population density, over 85 people per square mile, is about twice the density of other adjacent rural counties. Shelby County on the south side is, of course, a major metropolitan area, and the location of the city of Memphis.

The Hatchie River is designated a Scenic River, and remains a free flowing river from its origins to the Mississippi River. The bottomlands are known to be excellent wildlife refuges.

10 / **9. Solid Waste Service Fee:**

The region does not impose a solid waste fee on the residents of the region as defined by T.C.A. 68-211-835 (g)(1).

The fee referred to in this statement (and as defined by the citation noted) is specifically authorized by state law to fund or partially fund solid waste services in the absence of; in lieu of; or in addition

to "user fees" and property taxes. Counties, municipalities or solid waste authorities for solid waste services can levy this fee. The fee is assessed on all residents of the county or special service area for which the service is provided regardless of whether the resident utilizes the service. Accurate as stated, "The region does not impose a solid waste fee on the residents of the region as defined by T.C.A. 68-211-835 (g)(1)."

The following Table 2-3 identifies all revenue streams used by the specific jurisdiction noted to fund solid waste programs. The term "user fee" as stated in Table 2-3 refers to the "fee" assessed on each residence in the City of Covington for solid waste collection and disposal service as identified in Chapter 1. Table 1-4 (also included as Table 4-1) identifies revenue streams for solid waste collection and Class I landfill disposal service assessed by each jurisdiction and the means by which it is accounted for. This table also includes the current funding mechanisms used for calendar year 2001, the frequency of assessment, when the funding mechanism was instituted and by what legal authority.

#### **10. Public Funding Costs and Revenues:**

The following tables summarize the cost and revenues involved in the public funding for solid waste programs and expenses in the region. Funding for these jurisdictions is satisfactory. The existing revenue streams are currently meeting solid waste expenditures.

Table 2-3 The most recent approved Budget and Revenue Summary for Jurisdictions in the Tipton County Solid Waste Planning Region

Expenditure	Jurisdiction		
	City of Covington (2001-2002)	Tipton County (2001-2002)	Region Total
Collection and Disposal	\$1,108,050	\$505,670	\$1,613,720.00
<b>Total Expenditures</b>	<b>\$1,108,050</b>	<b>\$505,670</b>	<b>\$1,613,720.00</b>
<b>Revenues</b>			
General Fund Allocations	\$44,700	\$505,670	\$550,370.00
User Fees- Tipping Fee At Class III/IV Landfill			
Refuse Collection Charges	\$954,000		\$954,000.00
Interest Earnings	\$3,000		\$3,000.00
Insurance Recoveries			
Proceeds Capital Outlay Notes	\$100,000		\$100,000.00
Fund Balance Transfers			
<b>Total Revenues</b>	<b>\$1,101,700</b>	<b>\$505,670</b>	<b>\$1,607,370.00</b>

Table 2-4 Detailed Budget and Revenue Statement for Tipton County

<b>Revenues FY:</b>	<b>FY 2001-2002</b>
General Fund Allocations	\$505,670
<b>Total</b>	<b>\$505,670</b>
<b>Expenditures FY:</b>	
Solid Waste Disposal	
100 Salary	\$26,100
200 Fringe Benefits	\$5,220
300 Contractual Services	
400 Supplies	\$300
500 Insurance	\$500
600 Interest	
700 Capital Outlay	
<b>Sub-total</b>	<b>(\$32,120)</b>
Convenience Center	
100 Salary	\$96,710
200 Fringe Benefits	\$19,340
300 Contractual Services	\$240,000
400 Supplies	\$2,000
500 Insurance	\$1,500
600 Interest	
700 Capital Outlay	\$114,000
<b>Sub-total</b>	<b>(\$473,550)</b>
<b>Grand Total Expenditures</b>	<b>\$505,670</b>

The current public funding mechanisms utilized by the jurisdictions within the region are satisfactory. Revenues continue to meet expenditures associated with solid waste management.

11. **Uniform Accounting Methods For Each City And County Requirement:**

The City of Covington accounts for solid waste collection activities in the Department of Public Works Budget. Tipton County continues to use the Standard Chart of Accounts for County Government with solid waste costs accounted for in a Special Revenue Fund.

13. **Proposed Ten Year Solid Waste Budget for Region**

Figures 2-5 and 2-6 present the ten year solid waste budgets for political entities within the region which offer solid waste collection and/or disposal services.

Table 2-5 Proposed Ten Year Solid Waste Budgets for Local Governments in the Tipton County Municipal Solid Waste Planning Region Other Than Tipton County

Contribution Budget and Revenues	Fiscal Year											
	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
<b>Expenditures</b>												
100 Salary and Benefits	\$ 186,700	\$ 186,121	\$ 191,705	\$ 197,455	\$ 203,379	\$ 209,481	\$ 215,765	\$ 222,238	\$ 228,905	\$ 235,773	\$ 242,848	\$ 250,131
200 Contractual services	\$ 746,400	\$ 786,792	\$ 791,856	\$ 819,611	\$ 840,080	\$ 865,282	\$ 891,241	\$ 917,978	\$ 945,517	\$ 973,883	\$ 1,003,099	\$ 1,033,182
300 Supplies	\$ 21,300	\$ 21,836	\$ 22,597	\$ 23,275	\$ 23,973	\$ 24,693	\$ 25,433	\$ 26,198	\$ 26,982	\$ 27,792	\$ 28,626	\$ 29,484
400 Waste Disposal Expense	\$ 30,000	\$ 30,900	\$ 31,827	\$ 32,782	\$ 33,765	\$ 34,778	\$ 35,822	\$ 36,896	\$ 38,003	\$ 39,143	\$ 40,317	\$ 41,527
500 Insurance	\$ 5,800	\$ 5,768	\$ 5,941	\$ 6,118	\$ 6,303	\$ 6,492	\$ 6,687	\$ 6,887	\$ 7,094	\$ 7,307	\$ 7,526	\$ 7,752
600 Interest	\$ 17,750	\$ 17,750	\$ 17,750	\$ 17,750	\$ 17,750	\$ 17,750	\$ 17,750	\$ 26,050	\$ 26,050	\$ 26,050	\$ 26,050	\$ 26,050
700 Bad Debt Expense	\$ 4,000	\$ 4,120	\$ 4,244	\$ 4,371	\$ 4,502	\$ 4,637	\$ 4,776	\$ 4,919	\$ 5,067	\$ 5,219	\$ 5,376	\$ 5,537
800 Equipment	\$ 102,300	\$ 2,369	\$ 2,440	\$ 2,513	\$ 2,589	\$ 2,666	\$ 2,746	\$ 2,829	\$ 2,914	\$ 3,001	\$ 3,091	\$ 3,184
<b>Total Expenditures</b>	\$ 1,108,050	\$ 1,037,759	\$ 1,066,359	\$ 1,099,878	\$ 1,132,341	\$ 1,165,779	\$ 1,200,220	\$ 1,243,994	\$ 1,280,533	\$ 1,318,167	\$ 1,356,931	\$ 1,396,857
<b>Revenues</b>												
Refuse Collection Charges	\$ 954,000	\$ 1,034,669	\$ 1,065,177	\$ 1,096,599	\$ 1,128,965	\$ 1,162,301	\$ 1,196,638	\$ 1,240,304	\$ 1,276,732	\$ 1,314,253	\$ 1,352,899	\$ 1,392,704
Interest Earnings	\$ 3,000	\$ 3,090	\$ 3,163	\$ 3,278	\$ 3,377	\$ 3,478	\$ 3,582	\$ 3,690	\$ 3,800	\$ 3,914	\$ 4,032	\$ 4,153
Insurance Recoveries	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Fund Transfer	\$ 44,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Proceeds Capital Outlay Note	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -
<b>Total Revenues</b>	\$ 1,101,700	\$ 1,037,759	\$ 1,068,359	\$ 1,099,878	\$ 1,132,341	\$ 1,165,779	\$ 1,200,220	\$ 1,449,994	\$ 1,280,533	\$ 1,318,167	\$ 1,356,931	\$ 1,396,857

Table 2-6 Proposed Ten Year Solid Waste Budget for Ripton County

Ripton County	Fiscal Year	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
Expenditures- Solid Waste Disposal													
100 Salary	\$	26,100	27,144	28,230	29,359	30,533	31,755	33,025	34,346	35,720	37,148	38,634	40,180
200 Benefits	\$	5,220	5,429	5,646	5,872	6,107	6,351	6,605	6,869	7,144	7,430	7,727	8,036
300 Contractual Services	\$												
400 Supplies	\$	300	312	324	337	351	365	380	395	411	427	444	462
500 Insurance	\$	500	520	541	562	585	608	633	658	684	712	740	770
600 Interest	\$												
700 Capital Outlay	\$												
Sub-total Expenditures	\$	32,120	33,405	34,741	36,131	37,576	39,079	40,642	42,268	43,958	45,717	47,545	49,447
Expenditures- Convenience Center													
100 Salary	\$	96,710	100,578	104,602	108,766	113,137	117,663	122,369	127,264	132,354	137,648	143,154	148,881
200 Benefits	\$	19,340	20,114	20,918	21,755	22,625	23,530	24,471	25,450	26,468	27,527	28,628	29,773
300 Contractual Services	\$	240,000	249,600	259,584	269,967	280,766	291,997	303,677	315,824	328,457	341,585	355,259	369,469
400 Supplies	\$	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847	2,960	3,079
500 Insurance	\$	1,500	1,560	1,622	1,687	1,755	1,825	1,898	1,974	2,053	2,135	2,220	2,309
600 Interest	\$												
700 Capital Outlay	\$	114,000	116,560	123,302	128,234	133,364	138,698	144,246	150,016	156,017	162,258	168,748	175,496
Sub-total Expenditures	\$	473,550	492,492	512,192	532,679	553,987	576,146	599,192	623,159	648,086	674,009	700,970	729,008
Total Expenditures	\$	505,670	525,897	546,933	568,810	591,562	615,225	639,834	665,427	692,044	719,726	748,515	778,456
Revenues													
Property Tax	\$	505,670	525,897	546,933	568,810	591,562	615,225	639,834	665,427	692,044	719,726	748,515	778,456
Total Revenues	\$	505,670	525,897	546,933	568,810	591,562	615,225	639,834	665,427	692,044	719,726	748,515	778,456

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**13. Solid Waste Budgets Contacts:**

Table 2-7 Solid Waste Budget Contacts for Each Political Entity Within Solid Waste Planning Region

<b>MUNICIPALITY</b>	<b>SOLID WASTE BUDGET CONTACT</b>	<b>SOLID WASTE PROGRAM CONTACT</b>
TIPTON COUNTY	<b>Name:</b> Leon Davenport <b>Title:</b> Tipton County Public Works Director <b>Phone:</b> 901/837-0148	<b>Name:</b> Leon Davenport <b>Title:</b> Tipton County Public Works Director <b>Phone:</b> 901/837-0148
CITY OF COVINGTON	<b>Name:</b> Ms. Jackie Knipple <b>Title:</b> Solid Waste Coordinator <b>Phone:</b> (901) 476-9531	<b>Name:</b> Mr. Jere Hadley <b>Title:</b> City Recorder and Finance Director <b>Phone:</b> (901) 476-9613

## CHAPTER 3: Waste Streams

### 1. 2000 Solid Waste Generation

Table 3-1 Solid Waste Generated Within the Region and Disposed of In Class I Landfills or MSW Incinerators in Claendar Year 2000

Facility	County	Tonnage
Northwest Tennessee Disposal Corporation	Obion County	31,490
BFI Millington	Shelby County	9,648
Knight's Disposal Service	State of Arkansas	24.54
<b>Total Tonnage</b>		<b>41,162.54</b>

### 2. Solid Waste Distribution by Source

Table 3-2 Solid Waste Percentage Distribution

Waste Source	1993%*	2000%**
Residential	33%	23
Commercial/Institutional	33%	48
Industrial	34%	29
Other	0	0
<b>Total</b>	<b>100</b>	<b>100</b>

\* Source: Tipton County Development District Needs Assessment, 1993

\*\* Source: EPA contracted study

### 3. Estimates Of Specific Types of Wastes Generated In The Region

Table 3-3 Percentages of Specific Wastes

Category	Amount (Tons)	Percent Estimate
Source Reduction	28,535	34.1
Recyclables (other than tires and white goods)	524.73	0.6
White Goods	31	Negligible
Tires	525.04	0.7
Yard Waste/Clean Woodwaste	Not fully quantified	Not fully quantified
Christmas Trees	0.95	Negligible
Household Hazardous Waste	4.56	Negligible
Construction/Demolition Waste	12,955	15.4
Waste Disposed	41,162.54	49.2
<b>Total</b>	<b>83,738.82</b>	<b>100.0</b>



**4. Amount Of Waste Reduced and/or Diverted From The Total Generated Waste Stream**

Table 3-4 Waste Not Disposed Of In Class I Landfills or Incinerators

Item	Tons
Source Reduction	28,535
Recycling	1,080.77
Composting and Yardwaste Diversion (Christmas Tree Chipping)	0.95
Diversion	12,955
Household Hazardous Waste	4.56
Unmanaged *	Negligible
<b>Total</b>	<b>42,576.28</b>

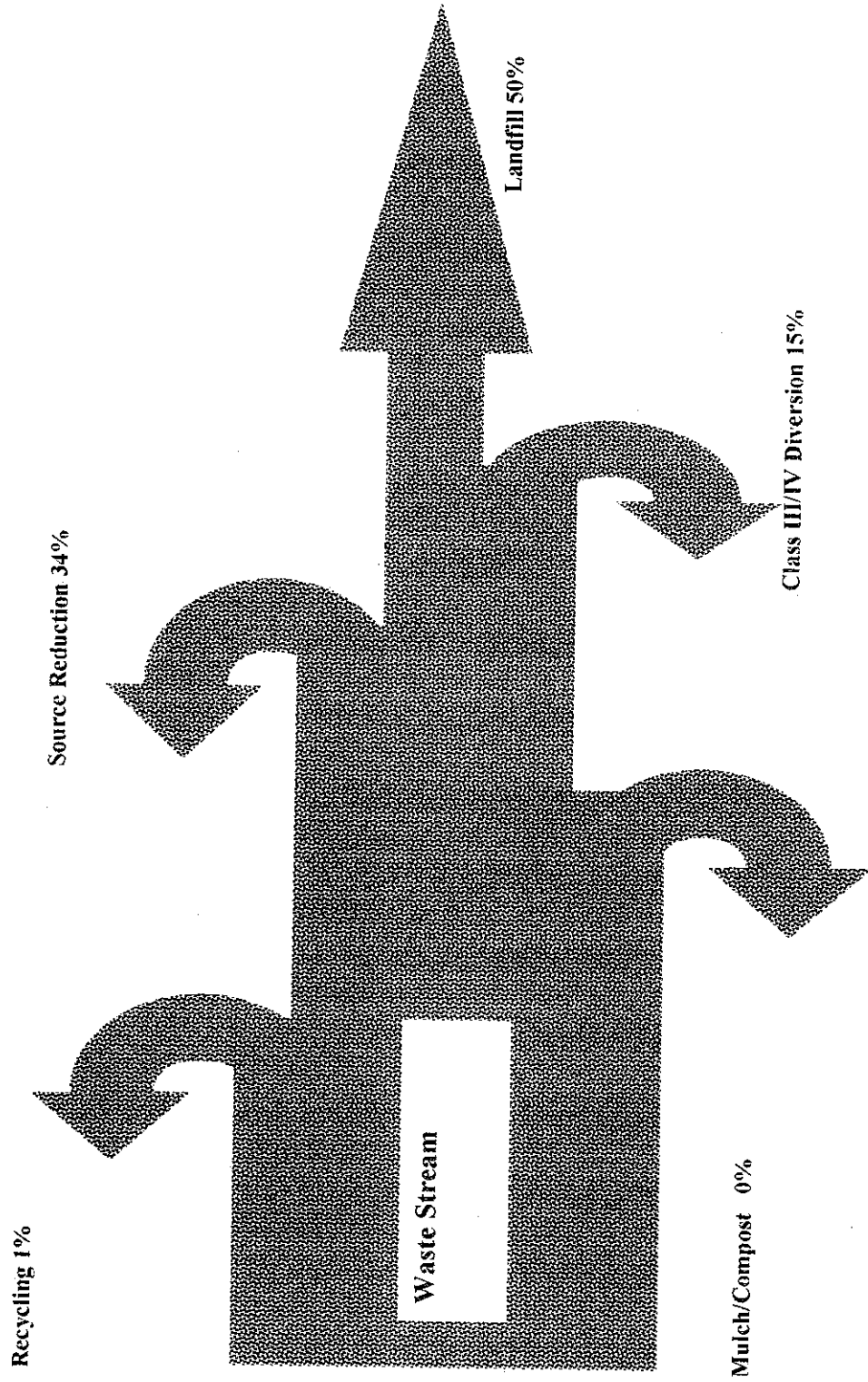
\* The amount of waste is assumed to be negligible in comparison with other tonnages above. This assumption is based on the lack of complaints on waste dumping and by the visual observations of employees of the Tipton County Public Works Department.

Table 3-5 Waste Stream by Management Option for 2001

Item	Tons	Percent of Total Waste Stream
Source Reduction	28,535	34.1
Recycling	1080.77	1.3
Composted/Mulched	0.95	Negligible
Class III/IV Diversion	12,955	15.4
Other Diversion -- Household Hazardous Waste	4.56	Negligible
Class I Disposal		49.2
Unmanaged Waste*	Negligible	Negligible
<b>Total</b>		<b>100.0</b>

\* This amount of waste is assumed to be negligible. This assumption is based on the visual observations of employees of the Tipton County Public Works Department.

Figure 3-1 Flow Diagram of Current Solid Waste Management Methodology For Tipton County MSW Planning Region



## **5. Regional Demographic Trends:**

Tipton County borders on a major metropolitan area in the Southeastern United States, Shelby County and Memphis, Tennessee. While growth projections in the past have predicted only moderate population growth for the county, actual growth has been much greater due to economic developments and industrialization associated with the economy of this area of the state. More reasonable property values than those seen in Shelby County and the predominately rural environment of Tipton County have promoted the growth of the residential population of the county. In addition to the proximity of job opportunities available inside and just outside of the county, new Tipton County residents are attracted to the good quality of life of Tipton County.

As a result of the aforementioned trends, the Region anticipates that the residential waste stream will increase proportionately to population growth.

## **6. Regional Economic Conditions:**

Tipton County and the cities included in the planning region have a diverse and stable economy. The largest non-governmental and non-agricultural employers are the Charms Company, ELS Slim Fast, Muller Fittings LP, Delfield Company, and Tops Business Forms. Unemployment for Tipton County was at 4.6% for October of calendar year 2001. The state's unemployment rate for the corresponding periods of time was 4.5%. The County has several large employers located within its boundary that provide ample work opportunity for its residents.

As a result of the aforementioned trends, the Region anticipates that the commercial and industrial waste stream will increase proportionately to population growth and proportionately with respect to the existing waste categories identified in Table 3-2.

## **7. Top Contributors To Overall Waste Stream Generated:**

See Following Table 3-6 for the top contributors to the overall waste stream generated in the region.

Table 3-6 Top Contributors to Overall Waste Stream in Region

Name	Mailing Address	Phone	Number of Employees	Type of Waste	% Waste Stream
Tipton County Board of Education	1580 Hwy. 51 South, Covington, TN 38019	901/476-7148	1225	Institutional	<1%
Tipton County Government	Court Square, Covington, TN 38019	901/476-0200	150	Office	<1%
Covington City Schools	764 Bert Johnston Ave., Covington, TN 38019	901/476-8626	140	Institutional	<1%
City of Covington	200 West Eashington, Covington, TN 38019	901/476-9613	120	Office	<1%
United States Postal Service	361 Hwy. 70 West, Covington, TN 38019	901/476-2413	33	Office	<1%
Quebecor World	P.O. Box 927, Covington, TN 38019	901/476-0495	850	Mixed Industrial	25%
Charms Company	235 N Industrial Rd. Covington, TN 38019	901/476-5255	350	Mixed industrial	<1%
Muller Fittings	3400 Mueller Brass Rd. Covington, TN 38019	901/476-5858	300	Mixed industrial	<1%
ELS Slim Fast	2000 Hwy 51 N, Covington, TN 38019	901/475-3833	285	Mixed industrial	<1%
B.H. Electronics, Inc	P.O. Box 506, Atoka, TN 38004	901/837-1111	250	Mixed industrial	<1%
Intercraft Burnes	11 N. Hope St, Covington, TN 38019	901/476-1111	210	Mixed industrial	<1%
Tops Business Forms	1001 Rialto Rd., Covington, TN 38019	901/476-4094		Industrial	1.9
Lydall Composite	230 Industrial Rd., Covington, TN 38019	901/476-7174		Industrial	1.4
Wal-mart	975 Hwy. 51 North, Covington, TN 38019	901/476-4492	175	Commercial	<1%
Tipton Farmers Coop	2060 Hwy. 51 South, Covington, TN 38019	901/476-8692	102	Commercial	<1%
Baptist Memorial Hospital	1995 Hwy. 51 South, Covington, TN 38019	901/476-2621	295	Institutional	<1%
West Tennessee Detention Facility	Mason	901/294-3060	191	Institutional	<1%
Covington Manor, Inc.	1992 Hwy. 51 South, Covington, TN 38019	901/476-1820	135	Institutional	<1%

Source: Tipton County Chamber of Commerce, March 2001; City of Covington Industrial Survey 2001.

## **8. Clean Up And Litter Prevention Programs:**

Contact: Leon Davenport  
Tipton County Public Works Department  
Phone: 901/837-0148

Also, Susan Owen is Director of the Tipton County Clean Community System. This organization helps sponsor Keep Tipton County Beautiful (KTB), an affiliate of Keep America Beautiful, and is a resource center for community involvement on litter abatement and prevention. All the residents of the County are targeted for this message. KTB provides the educational component of the requirements for the Tennessee Department of Transportation Litter Grants.

## **9. The 25% Waste Reduction And Diversion Goal: Comment On The Economic Growth Adjustment Formula**

The use of an economic growth adjustment formula could prove to be of some benefit for the Region if a realistic base year waste generation rate was determined. Tipton County has a residential, commercial and industrial base that has experienced significant growth and is anticipated to experience even more significant growth during the ten year planning horizon. The Region could more fairly account for waste reduction within its boundaries with the application of a more realistic base year waste generation rate and with provisions for economic growth. However, a more thorough review of the formula in conjunction with more realistic base year waste generation data would be required before any definitive opinion could be developed. ~~The region's preference would be to implement a "real time" accounting system for waste reduction in the region which would allow the region the flexibility to accurately account for waste reduction even with a rapidly growing economy.~~

## **10. Effects Of 1995 Base Year And 2003 Goal Year For 25% Waste Reduction And Diversion Goal**

The base year generation rate for the Tipton County MSW Planning Region is somewhat lower than the State of Tennessee average or of that expected for a region with Tipton County's economic and growth history. Until the base year number is adjusted to reflect a more realistic waste generation rate for the Region, waste reduction, diversion and recycling efforts will not be accurately accounted for. This has the potential to confuse the public and local decision-makers in planning for future waste reduction programs. The Region has a growing and diversifying economy and needs to account for actual waste reduction by realistic methods as with a "real-time" accounting format. In lieu of this, the Region should be allowed to establish a more reasonable base year waste generation rate.

## **11. Current Reduction And Diversion Programs:**

The following paragraphs describe the current waste reduction and diversion programs.

## Source Reduction

Source reduction is an important component of many industrial, institutional and commercial establishments in Tipton County. Tipton County's prospering economy has not only spurred the expansion and development of existing and new business and industry in Tipton County but in-house recycling and reduction programs as well. Tipton County's close proximity to some of the large recycling markets of Memphis encourages many commercial, industrial and institutional establishments to contract directly with these markets for recycling services. The City of Covington makes periodic attempts to quantify commercial/industrial source reduction efforts within the city limits. The results of the survey for calendar year 2000 showed that approximately 28,535 tons of cardboard and 30 tons of metal were reduced, reused or recycled for a total of 28,565 tons.

## Recycling

The Tipton County Public Works Department maintains and operates a convenience center for collection of both solid waste and recyclables and a separate drop-off point for used oil. The Tipton County Public Works Department collects and hauls recyclable materials from the convenience center operated by the county to various end users and/or processors of the materials collected. Additionally, the county facilitates recycling in some area schools by placing a container for the collection of various recyclable materials. Recyclables collected from the schools are hauled directly to recycling markets. The total tons of material collected and recycled from Tipton County's recycling drop-off site and school recycling program in 2001 was 1080.77 tons. Appendix III includes a list of recycling and problem waste drop-off collection points in the Region and includes a summary of operational information and materials that are collected at these facilities.

## Composting and Mulching

A portion of the waste received at the Tipton County Class III/IV landfill in calendar year 2001 was yard waste, leaves and brush. This material was delivered to the facility by private garbage haulers, and local residents. While the material is not now separated and processed into mulch and compost, the potential remains for this portion of the waste to be recycled in the future. Another portion of the material received at the Class III/IV landfill is Christmas trees. After being brought to the landfill these trees are chipped and the chips then given away to county residents or utilized in soil stabilization and erosion control efforts at the Class III/IV landfill.

## Waste Diversion

During calendar year 2001, 12,755 tons of waste was diverted to Class III/IV disposal in the Tipton County Class III/IV landfill. Another 200 tons of waste was diverted the City of Covington Yardwaste and Brush Site.

A summary of waste reduction programs operating in Tipton County and the tonnage diverted by these programs in 2000-2001 is summarized as follows in Table 1-5.

Table I-5 Waste Reduction Programs and Tonnage Reduced or Diverted in Calendar Years 2000 and 2001\*

<b>Activity</b>	<b>Tons Diverted</b>
Source Reduction (City of Covington Commercial/Industrial Survey (CY 2000):	28,535
Recyclables:	
Tires	525.04
Metal	418
White Goods	31
Paper/Paper Products	106.23
Plastics and Other Materials	0.5
(Subtotal Recyclables)	(1080.77)
Composted/ Mulched(Chipped Christmas Trees):	0.95
Household Hazardous Waste:	4.56
Class III/IV Waste:	
Tipton County Class III/IV Landfill**	12,755
City of Covington Yardwaste and Brush Site**	200
(Subtotal Class III/IV Diversion)	(12,955)
<b>Total</b>	<b>42,576.28</b>

\* Note: tonnages are for calendar year 2001 unless otherwise indicated.

\*\* Estimate calculated by converting cubic yards to tons, tonnage calculation based on a conversion factor of four cubic yards to one ton.

Table 3-7 Summary of Solid Waste Reduction and Diversion Programs Operated Within The Tipton County Municipal Solid Waste Planning Region

<b>Current Program</b>	<b>Relative Success Level</b>	<b>Funding and Revenues</b>
<p>Tipton County Convenience Center Drop-off and School Recycling Programs</p>	<p>This has been a very successful and cost effective program. The major advantages of the recyclable drop-off program is its accessibility to all residents of the area and the heightened awareness and education on recycling that it generated among the public sector. A list of the locations and recyclable materials collected at each location is included in Appendix III.</p>	<p>Approximately 1080.77 tons of materials were diverted through this program. Funding is through the county general fund. The operation of this program is integrated with the Convenience Center solid waste collection program. It is not possible to break out the cost of collection and processing of recyclables separately. The aggregated sale of recyclables from all of Tipton County's waste reduction efforts totaled an estimated \$1,251.05 for fiscal year 2000-2001.</p>
<p>Tipton County Landfill Christmas Tree Wood Waste Mulching Program</p>	<p>This has also been a very successful and cost effective program. While the program does not generate revenue, there is the avoided cost of Class I or Class III/IV disposal and of some soil that would otherwise be necessary to patch erosion, establish a vegetative cover, etc.</p>	<p>This program is funded through the Solid Waste/ Sanitation fund and there are no revenues associated with this program.</p>
<p>Tipton County C&amp;D Landfill</p>	<p>This facility, established for the diversion of construction and demolition waste from Class I landfill disposal, has been extremely successful. The avoided cost of disposing of Construction Demolition debris in a Class I landfill has generated great cost savings to Tipton County.</p>	<p>This program is funded through the Solid Waste/ Sanitation fund and there are no revenues associated with this program.</p>
<p>City of Covington Yardwaste and Brush Site</p>	<p>This facility, established for the diversion of brush, and yardwaste from Class I landfill disposal, has been extremely successful. The avoided cost of disposing of this material in a Class I landfill has generated great cost savings to the City of Covington.</p>	<p>This program is funded through the Public Works Dept. and there are no revenues associated with this program.</p>



## Proposed Programs and Changes to Waste Management Strategy

Solid waste management has been and will continue to be a dynamic arena for its players. Successful programs will rely upon flexible strategies that adapt to changes in the field. Even the most carefully crafted ten year plan for managing a region's waste can quickly become outdated if it cannot adjust to the:

- ◆ emergence of innovative technology;
- ◆ opening of new markets and/or the closing of old ones;
- ◆ fluctuations in regional economy;
- ◆ swings in public perception,
- ◆ changes in political policy in the region.

### Collection

Tipton County's existing Convenience Center, and the refuse collection by the City of Covington for its residents and the County's contract for collection for the balance of the County, adequately meets the solid waste collection mandates of solid waste management rules and regulations. Illegally dumped waste and litter are not significant problems in the Region. The county does not anticipate any major changes to the collection program during the next ten year planning period.

### Waste Reduction, Recycling, and Diversion Programs

The Region through implementation of various waste reduction, recycling and diversion programs has made considerable progress toward appropriate collection and management of its waste stream during the last seven years. Specifically, **Tipton County has increased waste reduction, recycling and diversion of waste within the region from 0% in 1993 to 50.8% in 2001.**

Even though the Tipton County Solid Waste Planning Region is currently reducing and recycling a significant amount of its waste, the Region is still committed to continue the expansion of its waste reduction programs. The Region will continue to maximize the amount of waste diverted from Class I landfill disposal to the extent practical. The Region's officials recognize that the County's healthy growth and development rate, and the ever increasing Class I waste disposal cost and liability requires continued efforts to implement more practical, economical and environmentally sound waste reduction within the region. The Region anticipates the continuation of changes in and/or additions to its waste reduction programs as outlined in the following paragraphs.

Recycling- Tipton County Officials are satisfied with the success of the current residential drop-off recycling program but are limited in growth potential due to existing site and building constraints. Depending upon the availability of state recycling grants, the County hopes to build and operate a Materials Recovery Facility in 2003-2004 to facilitate further expansion of the recyclables drop-off collection program to the commercial/industrial/institutional sector. Due to

the success of the school recycling program, the county anticipates expanding this program to include Munford Elementary School in fiscal year 2001-2002 and Crestview Elementary in fiscal year 2003-2004.

Waste Tire Recycling Program- Tipton County officials are satisfied with the county's current waste tire diversion program as described in the previous section titled **Current Waste Management Strategy, Waste Diversion**. The county anticipates no changes to the program currently in place.

Class III/IV Diversion- Tipton County remains committed to the operation and upkeep of the Tipton County Class III/IV landfill. No other implemented program has contributed to diversion from Class I waste as significantly as this landfill.

Composting/Mulching- Tipton County has identified the chipping and composting of clean wood waste as a future waste reduction initiative. The Tipton County Public Works Department is in the early stages of estimating the quantity of this material available for a composting/mulching operation and the possible markets and uses for the products of these operations. Based on the quantities/markets/uses available, the county will develop a program specifying the appropriate methods and equipment necessary to implement the program which best serves the population of Tipton County. The schedule for development of this program is outlined in the implementation schedule included as Figure 4 of this plan.

#### Class I Disposal

The Tipton County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to solid waste disposal programs for Class I waste. As previously described, the County assures adequate disposal capacity through utilization of privately and publicly owned disposal facilities. The county currently has no plans for development of a Class I landfill during the next ten-year planning horizon. The availability of economical landfill capacity through privately operated landfills is anticipated to continue through the next ten year planning horizon.

#### Other Governmental Entities Within the Tipton County Solid Waste Planning Region

The City of Covington provides curbside solid waste collection for its residents and a yardwaste and brush site. Covington officials expect no major changes or additions of new services to their existing solid waste program during the projected ten-year planning period.

#### **Current Trends and Needs With Regard To Waste Reduction, Recycling And Diversion Programs**

The trend has been the widespread acceptance and utilization of solid waste management programs within all jurisdictions of the region, particularly the convenience center and drop-off recycling point and Tipton County Class III/IV Landfill. The region anticipates no change in this trend. Residents of all jurisdictions within the region continue to support the existing waste management program in the region.

### **Intra-regional Jurisdiction Cooperation**

The local governments of Tipton County and the City of Covington within the Tipton County Municipal Solid Waste Planning Region operate independent programs. However each is aware of the services provided by the other entity and so there is minimal overlap of services and services are exchanged between these two entities. Neither entity anticipates any major change to this arrangement during the projected ten-year planning horizon.

## CHAPTER 4: Collection and Transportation

### 1. List of Collection Services Available In The Region

Table 4-1 Collection Services Available In The Region:

County/ City/Town	Service Recipient	Service Provided	How Financed	Accounting	When Institute d	Legal Authorit y
Tipton County	All residents of the County	Solid Waste Collection- Convenience Center Collection of residential refuse, and recyclables. Class I waste hauled to appropriate disposal. Maintenance of a county wide collection agreement with NWTDC.	Class I solid waste collection and disposal financed through property tax, with transfer to the solid waste special revenue fund.	Standard Chart of Accounts for County Government, Special Revenue Fund	1998	TCA 68- 211-835
City of Covington	Residents of the City of Covington	Residential- Curbside collection of refuse by the City of Covington, hauled to Class I disposal.	Residential- \$12 per month user fee with any shortfall funded through General Fund transfer to public works budget.	Standard Chart of Accounts for City Government.	1995	City Charter

## **2. Minimum Collection Requirements:**

Tipton County's Convenience Center; the contractual agreement between the County and NWTDC to provide subscription collection to any residence in the county; and the collection provided by the City of Covington adequately meets the solid waste collection mandates of solid waste management rules and regulations. This system is well received by Tipton County residents and meets the needs of the county's population.

## **3. Collection Needs Of The Region:**

The region is well served by the existing solid waste infrastructure. Unmanaged waste in the county is not significant.

Tipton County residents are well aware of collection opportunities within the region. The trend has been for Tipton County residents to utilize existing collection services and to manage waste responsibly. The region anticipates this trend to continue during the next ten year planning period.

## CHAPTER 5: Recycling

1. **Recycling Coordinator:** **Leon Davenport**  
Tipton County Public Works Director  
8279 Hwy 51  
Brighton TN 38011  
(901/837-6681)

### 2. Waste Reduction Programs in Region

Table 5-1 Publicly Operated Recycling Programs in the Tipton County Municipal Solid Waste Planning Region

PROGRAM NAME	CONTACT ADDRESS PHONE	ITEMS ACCEPTED	PROGRAM DESCRIPTION
Tipton County Drop-off Recycling Program	Leon Davenport Tipton County Public Works Dept, 8279 Hwy 51, Brighton, TN 38011 901/837-0148	Newspaper, Cardboard, Ferrous Metals, Aluminum, Plastic, Mixed Metals	The county operates a drop-off collection site. The recycling drop-off site at the convenience center is for the collection of newspaper, cardboard, metal, and plastic.
Tipton County School Recycling Program	Leon Davenport Tipton County Public Works Dept, 8279 Hwy 51, Brighton, TN 38011 901/837-0148	Mixed Paper	The County provides transportation services to markets for the recyclables collection program operated by some area schools.

### 3. Progress And Setbacks In Recycling And Reduction Efforts:

Tipton County has documented great progress in its waste diversion and recycling programs. The region is optimistic about the future of its waste reduction programs, including the potential for recycling of yardwaste and the establishment of a MRF. Setbacks in the recycling program are generally due to fluctuating prices and availability of recycling markets for some collected material.

### 4. Recycling Drop-off Facilities

The county currently maintains a drop-off site for recyclables at the Region's Convenience Center. The recyclables collected at these sites include newspaper, cardboard, ferrous and non-ferrous metals, aluminum, plastic. The school recycling program collects mixed paper.

A map showing the location of these points is included as Figure I-3 and a list of the recyclables material that is accepted at each location is included in Appendix III.

## CHAPTER 6: Disposal

### 1. Landfill Facilities, Transfer Stations, MSW Incinerators, Landfill Gas Facilities And Waste To Energy Facilities:

There is one landfill facility for Class III/IV construction and demolition waste in the Region. This landfill is owned and operated by Tipton County. There are no MSW incinerators, landfill gas facilities and/or waste to energy facilities in the Tipton County Municipal Solid Waste Planning Region. The contact, address, phone number, permit number and materials accepted at these facilities are included in Appendix III. The contact for these facilities is Mr. Leon Davenport, Tipton County Public Works Director, 901/837-0148.

#### Landfill Facility

<b>Facility Name:</b>	Tipton County Class III/IV landfill
<b>Owner:</b>	Tipton County
<b>Operator/Contact:</b>	Leon Davenport
<b>Phone Number:</b>	901/837-0148
<b>Address/Location/County:</b>	9051 Hwy. 51, Brighton, TN 38011
<b>Classification:</b>	Class III/IV Landfill
<b>Jurisdictions Served:</b>	All of Tipton County
<b>Permit Number:</b>	DML 84 -106-0084
<b>Tipping Fee per Ton:</b>	None.
<b>Special Tipping Fees:</b>	None.
<b>Materials</b>	Construction/Demolition Debris, brush, yardwaste, leaves.
<b>Received/Limited:</b>	
<b>Energy Production:</b>	No.
<b>Transfer from/to:</b>	From various locations in Tipton County to the Landfill.

#### Transfer Station

<b>Facility Name:</b>	Barker Brothers Transfer Station
<b>Owner:</b>	Northwest Tennessee Disposal Corporation
<b>Operator/Contact:</b>	Brian Barker
<b>Phone Number:</b>	(901) 475-6395
<b>Address/Location/County:</b>	Tipton County
<b>Classification:</b>	Class IV Landfill
<b>Jurisdictions Served:</b>	City of Covington
<b>Permit Number:</b>	SWP 84-106-1179
<b>Tipping Fee per Ton:</b>	\$32.75
<b>Special Tipping Fees:</b>	No
<b>Materials</b>	Municipal Solid Waste.
<b>Received/Limited:</b>	
<b>Energy Production?</b>	No.
<b>Transfer from/to:</b>	From various locations within Tipton County to the Northwest Tennessee Disposal Corporation Landfill in Obion County.



2. **Class I Waste Export And Import:**

EXPORT:

<b>Location of Receiving Facility</b>	<b>Destination Facility and Owner</b>	<b>Tonnage Disposed in 2000</b>	<b>% of Total Class I Disposed</b>
Northwest Tennessee Disposal Corporation (NWTDC)	Obion County	31,490	76.5
BFI- North Shelby, Millington	Shelby County, BFI	9,648	23.4
Knight's Disposal Service	State of Arkansas	24.54	Negligible
<b>Total Tonnage</b>		<b>41,162.54</b>	<b>100.0</b>

IMPORT:

<b>LOCATION OF ORIGIN</b>	<b>DESTINATION FACILITY AND FACILITY OWNER</b>	<b>% OF TOTAL CLASS I GENERATED</b>
NONE	NONE	0%

3. **Disposal Needs Evaluation:**

Sufficient disposal capacity exists in both publicly and privately owned facilities which are located in serviceable proximity of the Region. Efficient disposal is assured at a reasonable price for the ten year planning horizon. The existing solid waste program has the capacity to handle solid waste disposal needs through the ten-year planning period with allowances for growth and increased disposal demands. No changes to the programs are contemplated. A letter expressing the willingness of NWTSC to continue to provide Solid Waste Disposal Service to Tipton County is included in Appendix V.

4. **Facility Planned Capacity Assurance:**

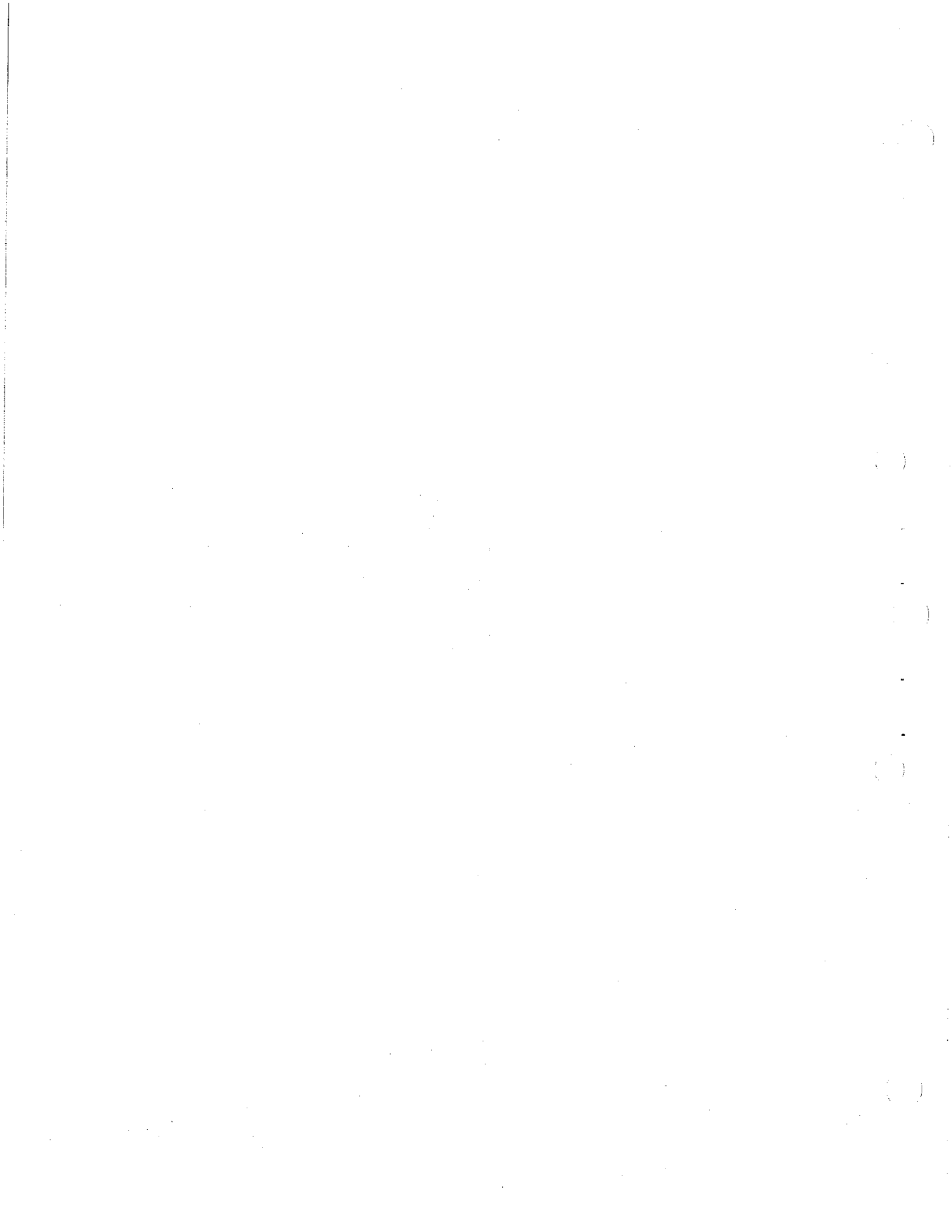
Most of the facilities being utilized for solid waste disposal by the region have planned disposal capacity in excess of ten years. The NWTDC Landfill is the only Class I landfill utilized to assure disposal capacity for the region. A letter describing the planned capacity of

NWTSC's Obion County Landfill for Class I landfill disposal service for the ten year planning horizon is included in Appendix V of this report.

Landfill	SNL #	County Owned		Disposal Cost/Ton	Life Expectancy
		Y	N		
Northwest Tennessee Disposal Corporation	SNL 66-101-0143		X	\$26.46	In excess of 25 years.
BFI-North Shelby	SNL 79-106-0224		X	\$30.17	In excess of 25 years.

**5. For Landfills and Incinerators, Are Financial Activities ACCOUNTED FOR IN AN ENTERPRISE FUND?**

There are no Class I landfills or municipal solid waste incinerators in the region.



## **CHAPTER 7: Problem wastes**

### **1. State Household Hazardous Waste Mobile Collection Service:**

The Region has participated in the state contract for collection of household hazardous waste. In calendar year 2000 and 2001, 1.63 and 4.56 tons of household hazardous waste respectively were diverted from Class I landfill disposal through this program.

### **2. Permanent Household Hazardous Waste Collection Center:**

The region does not have a permanent household hazardous waste collection center.

### **3. Level Of Success With Household Hazardous Waste Collection And Future Plans:**

To date, the program has been successful with participation rates in the program of county residents increasing over time. The Region has made an informal suggestion that the state appropriate funds for the Region to operate its own household hazardous waste collection program.

### **4. Waste Tire Collection Mandates:**

The county currently accepts used tires at the Tipton County Convenience Center. Tires are stored at this facility prior to transfer for recycling as a waste fuel.

### **5. Satisfaction With Waste Tire Collection Efforts:**

The county is satisfied with the current waste tire management program.

### **6. Waste Tire Dumping:**

Currently, waste tire dumping does not seem to be a significant problem for the Region.

### **7. Oil And Auto Fluid Collection Mandates:**

Used oil and transmission fluid are collected at the Tipton County Public works Department and at various privately owned commercial garages and auto parts stores. Anti-freeze is collected at various privately owned commercial garages and auto parts stores. A selected few of the privately operated facilities that will accept used automotive fluids for recycling are included in Appendix III.

### **8. Lead Acid Battery Collection Mandates:**

Used automobile batteries are collected at commercial garages and stores selling auto parts and accessories within the Region. The County utilizes these establishments to assure the collection of lead acid batteries.

As a result of the success of the Brighton and Covington Elementary School programs, additional schools within the region are interested in establishing a similar program at their schools. These schools are scheduled for future programs as indicated on the Region's Implementation Schedule included as Figure I-4.

Kermit Simmons is the sponsor for the Munford Middle School. The school teaches an environmental awareness class and sponsors an environmental club. The Club has purchased lands through the Nature Conservancy to protect rain forests in Central and South America, for bear habitat in the United States, and to protect redwoods in this country. The Club has adopted whales, manatees, dolphins, and wolves. Community projects include building an outdoor classroom, a picnic area, and planting 400 trees.

The results of the efforts of these education instructors and administrators are children with a heightened awareness of:

- the impact of their actions on the natural environment;
- the importance of resource protection and conservation; and
- the necessity of their accepting responsibility for environmental stewardship.

Susan Owen is Director of the Tipton County Clean Community System. This organization, Keep Tipton County Beautiful (KTB), is an affiliate of Keep America Beautiful and is a resource center for community involvement on litter abatement and prevention. All the residents of the County are targeted for this message. KTB provides the educational component of the requirements for the Tennessee Department of Transportation Litter Grants.

Table I-8 List of Solid Waste Education Providers and Description of Programs

Agency	Activity	Youth	Adult	Commercial /Industrial Sector
Tipton County Public Works Department	Presentations to Schools, Civic Groups and Clubs on a request basis; works with local Chamber of Commerce and other industrial commercial organizations and establishments to provide information on waste reduction and recycling. Sponsors school recycling program at Brighton Elementary School.	✓	✓	✓
Sheriff's Department	Enforcement of tarp and litter laws, education through example of litter collection programs.	✓	✓	✓
Tipton County Board of Education	Teaches appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Brighton Elementary School	Houses student operated and administrated paper and metal recycling programs. Teaches environmental ethics as part of curriculum.	✓		
Munford Middle School	Teaches appropriate solid waste management and waste reduction as part of class curricula. Provides environmental awareness instruction. Hosts and sponsors an environmental club for students. Encourages student participation in community and world environmental education and conservation efforts and local beautification projects.	✓		
City of Covington Special School District	Teach appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Covington Elementary school	Houses paper recycling program. Teaches environmental ethics as part of curriculum.			

Table I-8 List of Solid Waste Education Providers and Description of Programs, cont.

University of Tennessee Agriculture Extension Service	Maintains the Tipton County Agriculture Extension Service including the following programs	✓	✓	
Tipton County 4-H Agriculture Extension Service	Presentations on waste management and recycling as part of conservation education program. Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.	✓		✓
Tipton County Clean Community System/Keep Tipton Beautiful	Provides education and resource material for community beautification and education on litter abatement. Facilitates, organizes and conducts various community anti-litter events.			

The contact for all solid waste education activity in Tipton County is Leon Davenport, Tipton County Public Works Department, P.O. Box 310, 8279 Hwy 51, Brighton, TN 38011, Telephone Number: 901/837-6681.

## **CHAPTER 9: Flow Control and Permit Review**

### **1. Is The Flow Of Waste Controlled By The Region Or Jurisdictions:**

Neither the region nor any of the jurisdictions within the region are currently exercising flow control.

### **2. Any Outstanding Issues Regarding Permit Review or Flow Control?**

There are no outstanding issues with respect to Permit Review or Flow Control.



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

DON SUNDQUIST  
GOVERNOR

MILTON H. HAMILTON, JR.  
COMMISSIONER

**CERTIFIED MAIL**

November 5, 2001

Mr. Leon Davenport  
Acting Chairman, Tipton Co. SW Planning Region  
P. O. Box 310  
200 Hwy 51 South  
Brighton, Tennessee 38011

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


Dear Mr. Davenport:

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

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

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

Sincerely,

  
Milton H. Hamilton, Jr.

MHH:RLG:RPG

Cc: The Honorable Jeff Huffman, Tipton County Executive  
Mr. Leon Davenport, Tipton County Solid Waste Director  
Mr. Steve Andrews, Memphis Area Assoc. of Governments  
Mr. Mike Stooksberry, CTAS-WT

Z 774 069 257

Z 774 069 258



**Receipt for Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to	
<i>Leon Ravenport</i>	
<i>Post Office, Chapman, Johnston Co</i>	
<i>SW Henry Road</i>	
P. O., State and Zip Code	
<i>PO 310 200 Hwy 57 South</i>	
Postage	<i>Dighton, TN 38011 \$</i>
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>11/14/01</i>

PS Form 3800, March 1993



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

May 8, 2001

Mr. Leon Davenport  
Acting Chairman, Tipton Co. SW Planning Region 84  
P. O. Box 310  
200 Hwy 51 South  
Brighton, TN 38011

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

Dear Mr. Davenport:

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

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment was due by September 30, 1992; with revisions due by April 1, 1999 and every five years after that. The SW Needs Assessment for the counties and municipalities within your region was received on February 2, 2001. Please contact Mr. Steve Andrews with the Memphis Area Assoc. of Governments to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

The Five-year update to your Ten-year Solid Waste Management Plan is an important tool for your Region. Due to the fact that when your original Ten-year Plan was approved in 1996, your county was part of the Haywood-Lauderdale-Tipton Region, this revision will actually be the first Ten-year Plan for your single-county region. If you have any questions, please do not hesitate to contact me at 615-532-0744.

Sincerely,

*Becky Gorham*

Becky Gorham  
Planning, Reporting and Waste Reduction

C: The Honorable Jeff Huffman, Tipton County Executive  
Mr. Steve Andrews, Memphis Area Assoc. of Governments  
Mr. Leon Davenport, Public Works Director, Tipton County  
Mr. Mike Stooksberry, SW Management Consultant  
Environmental Coordinator, Memphis Environmental Assistance Center

## **CHAPTER 10: Five-Year Plan Update Review and Approval**

### **1. Description of public hearings held after the revised plan was completed:**

The Tipton County Solid Waste Planning Region held a public hearing on the plan on February 21, 2001. A list of attendees at this public hearing and a copy of the public notice regarding plan preparation and the public hearing is included in Appendix IV.

### **2. Is local planning commission aware of the five-year update?**

A letter was sent to each municipality in the region to be forwarded to the respective planning commission. This letter included notification of the preparation of the five-year update to the region's ten year plan and extended the invitation to the planning commission to comment on the plan. A copy of these letters can be found in Appendix IV.

### **3. Copies of a resolution from every county in the region approving the five-year plan update:**

A copy of the resolution passed by the Tipton County Commission approving the five year update to the Region's ten year solid waste plan is included as Appendix IV.

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**Appendix I**

**List Of Regional Board Members**



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**Tipton County Municipal Solid Waste Planning Region Board Members**

Member Name	County/ Municipality Representing	Mailing Address	Daytime Phone	Term of Office	
				Start	End
Leon Davenport, Chairperson	Tipton County	PO Box 310, 8279 Highway 51 Brighton, TN 38011	901/837-0148	01/01/98	01/01/04
Currie Ervin	Tipton County	5061 Bride Road Covington, TN 38019	901/476-7888	01/01/98	01/01/02
Billy Flemming	City of Covington	Covington Public Works 300 S. College Street Covington, TN 38019	901/476-9531	01/01/98	01/01/04
Neal Hunter	City of Munford	1535 Munford/Atoka Avenue Munford, TN 38058	901/837-0171	01/01/98	01/01/02
Harold Evisdale	Tipton County	4424 Pickins Store Road Mason, TN 38049	901/294-3850	01/01/98	01/01/04

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**Appendix II**  
**Region Formation Resolution**



**Appendix III**

**Publicly Accessible Recycling Collection Points For The  
Tipton County Municipal Solid Waste Planning Region**

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**List of Tipton County Problem Waste and Publicly Accessible Recycling Drop-off Locations**

The Tipton County Convenience Center collects the following materials:

- ◆ Solid Waste
- ◆ Cardboard
- ◆ Newspaper
- ◆ Aluminum Cans
- ◆ Steel "Tin" Cans
- ◆ Plastic Jugs
- ◆ Mixed Metals
- ◆ Tires
- ◆ Used Oil

The address for this site is included in the following table:

The hours of operation of these sites are:

6:30 am- 5:30 pm Tuesday through Friday  
7:00 am- 4:00 pm Saturdays

The locations and the material collected at each site are listed in the following Table. In addition to the materials listed the Tipton County Class III/IV landfill collects and disposes of materials appropriate for disposal in a Class III/IV landfill.



List of Tipton County Publicly Accessible Drop-off Recycling Locations

Site No.	Name	Location/Permit Number	Phone/hours of Operation	Accepts Household Municipal Solid Waste	Recyclable Material Collected
1	Tipton County Convenience Center	9051 Hwy. 51, Brighton, TN 38011 CCC 84-106-0320 (901) 837-0148	6:30 am to 5:30 pm, Tuesday through Friday 7:00 am to 4:00 pm, Saturday	√	OCC, N, P, TC, AI, GB, MM, B
2	Brighton Elementary School	1201 Old Hwy. 51 South Brighton, TN 38011 (901) 837-5860	8:00am to 3:00pm, Mon. thru Fri.		MP
3	Covington Elementary School	760 Bert Johnston Ave. Covington, TN 38019 (901) 476-1444	8:00am to 3:00pm, Mon. thru Fri.		MP
4	Munford Middle School	100 Education Ave. Munford, TN 38058 (901) 837-1700	8:00am to 3:00pm, Mon. thru Fri.		

Abbreviations used:

- OCC Old Corrugated Cardboard
- N Newspaper
- P Plastic Jugs
- TC Tin Cans
- AI Aluminum Cans
- MM Mixed Metals
- MP Mixed Paper

List of Selected Automotive Fluids and Waste Oil Collection Sites in Tipton County

Site	Location and Phone Number	Problem Waste Materials Accepted
Tipton County Public Works	Hwy. 51, Brighton, TN 38011 (901) 837-0148	Oil and transmission fluid
Autozone	91- Hwy. 51 North, Covington, TN 38019 (901) 476-2227	Oil, Transmission Fluid, Anti-freeze, Batteries
Walmart	975 Hwy 51 North, Covington, TN 38019 (901) 476-4492	Batteries
Tipton Farmers Coop.	2060 Hwy. 51 South, Covington, TN 38019 (901) 476-4936	Batteries

**Appendix IV**

**Documentation Regarding Public Notice, Public  
Hearing and Plan Approval**

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## Public Notice

The Tipton County Municipal Solid Waste Planning Region has completed a draft of the Five-Year Update to the Region's Ten Year Solid Waste Plan. This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991.

A public hearing on the plan has been scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department to receive public comments on the draft of this plan. The public hearing will be followed by a meeting of the Tipton County Regional Municipal Solid Waste Planning Board to consider revisions to the plan based on public comments.

A copy of this plan is available for review at the:  
Tipton County Public Works Department,  
8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

Written comments regarding the plan will also be accepted until 6:00 p.m., February 21st, 2002 and should be sent to:

Mr. Leon Davenport, Chairman  
Tipton County Municipal Solid Waste Planning Board  
P.O. Box 310  
Brighton, TN 38011  
Phone (901) 837-0148 Fax (901) 837-6681

6feb2wc

**Tipton County Municipal Solid Waste Planning Region  
Public Hearing on Five Year Update to Municipal Solid Waste Planning  
Region Ten Year Plan  
February 21, 2002**

**Record of Attendees**

Name	Representing	Address and Phone Number
Harold J. Judd	Tipton Co	4424 Pickens St Macon, TN 294-3850
Curtis Erwin	TIPTON	5061 BRIDE RD. COVINGTON TENN 38019
Fred Hunter	TIPTON CO.	P.O. Box 435 290 MAPLE HILL MUNFORD, TN, 38058
Billy Fleming	Tipton Co.	200 W WASHINGTON COVINGTON TN 476-9531
Leon Davenport	Tipton Co	350 Stephen Hill Atoka, TN 38004 837-4779
GENEIL DILLEHAY	DILLEHAY + ASSOCIATES	88 DIFFICULT RD. CARTHAGE, TN 37030

**Tipton County Regional Solid Waste Planning Board  
c/o Tipton County Public Works  
P.O. Box 310  
8279 Hwy. 51  
Brighton, TN 38011  
(901) 837-0148**

January 15, 2002

Chairperson- Tipton County Planning Commission  
Tipton County Courthouse  
P.O. Box 686  
Covington, TN 38019

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board  
c/o Tipton County Public Works  
P.O. Box 310  
8279 Hwy. 51  
Brighton, TN 38011  
(901) 837-0148**

January 15, 2002

Chairperson- Atoka Planning Commission  
334 Munford Ave.  
P.O. Box 70  
Atoka, TN 38004

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board  
c/o Tipton County Public Works  
P.O. Box 310  
8279 Hwy. 51  
Brighton, TN 38011  
(901) 837-0148**

January 15, 2002

Chairperson- Mason Planning Commission  
12161 Main Street  
P.O. Box 325  
Mason, TN 38049

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman



**Tipton County Regional Solid Waste Planning Board  
c/o Tipton County Public Works  
P.O. Box 310  
8279 Hwy. 51  
Brighton, TN 38011  
(901) 837-0148**

January 15, 2002

Chairperson- Munford Planning Commission  
The City of Munford  
1397 Munford Ave.  
Munford, TN 38058

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board**  
**c/o Tipton County Public Works**  
**P.O. Box 310**  
**8279 Hwy. 51**  
**Brighton, TN 38011**  
**(901) 837-0148**

January 15, 2002

Chairperson- Brighton Planning Commission  
139 North Main  
P.O. 277  
Brighton, TN 38011

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madam

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board  
c/o Tipton County Public Works  
P.O. Box 310  
8279 Hwy. 51  
Brighton, TN 38011  
(901) 837-0148**

January 15, 2002

Chairperson- Burlisson Planning Commission  
P.O. Box 150  
Burlisson  
TN, 38015

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board**  
**c/o Tipton County Public Works**  
**P.O. Box 310**  
**8279 Hwy. 51**  
**Brighton, TN 38011**  
**(901) 837-0148**

January 15, 2002

Chairperson- Covington Planning Commission  
200 West Washington Ave.  
P.O. Box 768  
Covington, TN 38019-0768

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Tipton County Regional Solid Waste Planning Board**  
**c/o Tipton County Public Works**  
**P.O. Box 310**  
**8279 Hwy. 51**  
**Brighton, TN 38011**  
**(901) 837-0148**

January 15, 2002

Chairperson- Gilt-Edge Planning Commission  
P.O. Box 123  
Burlisson  
TN, 38015

Re: Preparation of the Five-Year Update to the Tipton County Municipal Solid Waste  
Planning Region Ten Year Plan

Sir/Madame

The purpose of this letter is to inform you that a copy of the Five-Year Update to the  
Tipton County Municipal Solid Waste Planning Region Ten Year Plan is available for  
your review at the following locations:

Tipton County Public Works Department, 8279 Highway 51, Brighton, TN 38011  
Munford City Hall, 1397 Munford Avenue, Munford, TN 38058  
Covington City Hall, Covington, TN 38019

This plan was prepared to comply with the planning provisions of the Solid Waste  
Management Act of 1991. This Act requires that local government planning  
commissions be advised of the preparation of the plan and be given an opportunity to  
comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., February 21st, 2002 in the  
Conference Room of the Tipton County Public Works Department.

Should you wish to make written comments on the plan prior to the meeting, you may  
submit them to:

Thank you for your time and attention on this matter.

Sincerely,

Leon Davenport  
Chairman

**Appendix V**

**Disposal Capacity Assurance Documentation**

# Barker Brothers Waste, Inc.

Barker Brothers Waste, Inc.

Phone:  
FAX:  
email:

---

Friday, February 22, 2002


Jeff Huffman  
Tipton County  
PO Box 686  
Covington, TN 38019

Dear Mr. Huffman:

This letter is to confirm that Northwest Tennessee Disposal Corporation (NWTDC) has 39 years of life remaining in its Obion County Class I Landfill Facility and is willing to contract with Tipton County for solid waste disposal services through the next ten year planning period. This contract would be subject to terms and conditions that are satisfactory to both parties.

Also, NWTDC is willing to contract through the next ten year planning period with any resident in Tipton County for solid waste collection service.

Thank you,

  
Bryan Barker

**Appendix VI**

**Certification Of Accuracy For Information Included In  
The Five-Year Update To The Tipton County Ten Year  
Solid Waste Region Plan**



To the best of my knowledge, all statements and figures included in the Five-year Update to the Tipton County Ten Year Solid Waste Region Plan are accurate and correct as of the date of submission of this report.

Region Name: Tipton County MSW Planning Region

Leon Davenport

Typed Name of the Chairman of the Solid Waste Planning Region



Signature of the Chairman of the Solid Waste Planning Region

2/15/02

Date

To the best of my knowledge, all statements and figures included in the Five-year Update to the Tipton County Ten Year Solid Waste Region Plan are accurate and correct as of the date of submission of this report.

Jeff Huffman

Typed Name of the County Executive(s)



Signature of the County Executive(s)

3-19-02

Date

SUBMIT THE ORIGINAL OF THIS REPORT AND ONE COPY TO:

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