



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

May 17, 2000

Ms. Leah B. Ross, Chairperson  
Sullivan County Solid Waste Planning Board *82*  
2582 Island Road  
Blountville, TN 37617

Dear Ms. Ross:

Thank you for submitting the requested information for the Five-Year Update to the Sullivan County MSW Region's Solid Waste Plan. The plan update now stands approved.

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

If you have questions or need our assistance, please contact the Division of Community Assistance at (615) 532-0082.

Sincerely,

Robert G. Knight  
Waste Reduction Section

cc: The Honorable Gil Hodges, Sullivan County Executive  
Ms. Susan Reid, Executive Director, First Tennessee Development District  
Mr. Chris Craig, Director of Environmental Programs, First Tennessee  
Development District  
Ms. Chris Garkovich, Solid Waste Management Consultant, UT-CTAS

**First  
Tennessee  
Development  
District**

207 North Boone Street, Suite 800 • Johnson City, Tennessee 37604  
(423) 928-0224 • Fax (423) 928-5209

**Carter**  
Elizabethton  
Watauga

May 12, 2000

**Greene**  
Baileyton  
Greeneville  
Morham  
Tusculum

Mr. Bob Knight  
Division of Community Assistance  
L&C Tower, 8<sup>th</sup> Floor  
401 Church Street  
Nashville, TN 37243-1533



**Hancock**  
Sneedville

Dear Mr. Knight,

In response to your letter dated April 12, 2000, the Sullivan County Regional Solid Waste Planning Board offers the following information:

**Hawkins**  
Bulls Gap  
Church Hill  
Mountain  
Carmel  
Rogersville  
Surgolaville

General Information  
**Chapter 2.6**

Although the Board does not regularly review solid waste permit applications, the Board is fully aware of its responsibility to review and approve any solid waste permit prior to it being approved by the Commissioner. In the last 9 years, the Board has been approached by one potential permittee, whose application was never filed.

**Johnson**  
Mountain City

Waste Stream  
**Chapter 3.11**

All of the jurisdictions work together on a number of projects throughout the year. Although there are no cooperative agreements or programs established, each of the jurisdictions participate together on community clean-ups, Household Hazardous Waste Collection Days, conservation days for students, and the County operates several drop-off recycling sites in each of Kingsport, Bristol, and Bluff City. Education programs and opportunities exist throughout the Region (See Chapter 8 of the "Sullivan County Solid Waste Plan 5 Year Update"). Other than the County Recycling Coordinator periodically working with local businesses and industries, there is no organized educational program established for these sectors. Local businesses are recognized in the media for outstanding environmental "stewardship", etc. should these efforts occur during the year.

**Sullivan**  
Bluff City  
Bristol  
Kingsport

**Unicoi**  
Erwin  
Unicoi

**Washington**  
Johnson City  
Jonesborough

Collection and Transportation  
**Chapter 4.1**

According to the Region's 1998 Annual Solid Waste Progress Report, approximately 61% of Sullivan County residents living in unincorporated areas are served by private haulers. Currently the County has no plans to increase the number of convenience centers.



### **Chapter 4.3**

In the absence of the yet to be completed 2000 census, it is difficult to predict growth trends over the next 10 years which makes it difficult to predict solid waste collection needs over this same period. However, most experts believe that the County's population will continue to increase in the immediate future. This will naturally increase the overall waste stream volume of the Region. Also, as has been previously documented, the Region has been experiencing industrial growth which has also been and will continue to be a cause of the solid waste volume increase in the Region. Taking into account all of the above factors, it is believed that the Region's population and solid waste generation rate will increase at about the same rate which will subsequently increase the collection needs of the Region. Officials have discussed the possibility of constructing additional convenience centers to meet the need if and when adequate sites can be obtained and developed. There are no plans at this time to construct any new centers as was previously mentioned.

### Disposal

#### **Chapter 6.1**

Tennessee Eastman Company

P.O. Box 511

Kingsport, TN 37662

Approximately 10,000 tons per year is disposed of in the facility

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The City of Bristol is in the process of surveying the current Class IV site and applying for a permit extension in an attempt to extend the life of the current facility. However, this is not a long term solution for addressing 10 year disposal assurance. An additional option the County is considering is to establish an agreement with the City of Kingsport to use the Kingsport Class IV facility should the County chose to transfer the material from Bristol to Kingsport. County officials have approached county commissioners with this issue and are confident that the County Commission will reach a solution prior to the closure of the Bristol Class IV landfill.

I hope this satisfies your Division's request for additional information on our 5 Year Update. If you need additional information or have any questions concerning this information please free to call me at 540-669-9699 or Chris Craig at 423-928-0224.

Sincerely,



Leah Ross

Chairman

TO	DATE

## TELEPHONE/MEETING RECORD

DATE: 4-12-00

TO: File

FROM: Art K.

SUBJECT: Sullivan Co. - 5 Yr. Update Review

Spoke w/ Chris Craig (First Tr. Dev. Dist), who prepared update, re: questions listed in the "comments letter" sent to the region this date.

Collection, Chapter 4.1 - County has 2 convenience centers which meets the rule for "one convenience center for ea. 180 miles<sup>2</sup> of area". Chris says all 3 cities have door-to-door collection provided by the respective city and that ~~some~~<sup>many</sup> of the county residents subscribe to private pick-up service.

Disposal, Chapter 6.1 - I asked for additional info on other private waste facilities in the county and Chris will get w/ Bob Johnson (SW District) + respond.

Chapter 6.3 - I reminded the region that it must provide for disposal assurance over 10-yr. planning horizon and, therefore, should formulate plans to handle Class III-IV waste now going to Bristol's III-IV landfill, which will be closed in 3 yrs.



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DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
Division of Community Assistance  
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April 12, 2000

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Sullivan County Solid Waste Planning Board  
2582 Island Road  
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- Chapter 2.6 relates to the activities and workings of the region's solid waste board. T.C.A. §68-211-814 (a)(B)(1)(d) charges the region with responsibility for "approving any application for a permit for a solid waste disposal facility or incinerator within the region as is consistent with the region's disposal needs before any permit is issued by the commissioner pursuant to this chapter." **Explain how the board meets its responsibilities with regard to such permit reviews.**

Waste Stream

- Chapter 3.11 addresses reduction and/or diversion programs in each jurisdiction in the region. **Discuss any cooperative efforts among these jurisdictions. Describe the education programs and opportunities in each jurisdiction, and the encouragement that the commercial and industrial sectors receive from these jurisdictions.**

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- Chapter 4.1 speaks to the subject of collection services available in the region. **What percentage (approximate) of residents living in the unincorporated area of the county subscribe to private hauler collection service? In view of the rapid population growth**

Ms. Leah B. Ross

April 12, 2000

Page 2

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- Chapter 4.3 calls for an assessment of the collection needs in the region and the trends anticipated over the next ten years. **Provide details of trends anticipated over the next ten years.**

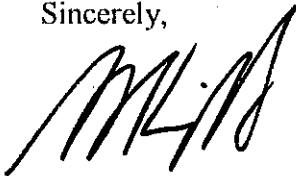
**Disposal**

- Chapter 6.1 asks for a list of waste disposal facilities in the region. **Are there any private waste disposal (Class II or III-IV landfills, incinerators, or waste-to-energy) facilities in the region? If so, provide as much information as possible about each.**
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Please consider that, in addition to the comments included here, other information may be necessary in preparing a meaningful update to the region's solid waste plan. Feel free to include all-information-that-you-feel-best-describes the region.

Response to these comments should reach this office by May 15, 2000. If you have questions or need assistance, contact the Division of Community Assistance at (615) 532-0082.

Sincerely,



Robert G. Knight  
Waste Reduction Section

cc: The Honorable Gil Hodges, Sullivan County Executive  
Ms. Susan Reid, Executive Director, First Tennessee Development District  
Mr. Chris Craig, Director of Environmental Programs,  
First Tennessee Development District  
Ms. Chris Garkovich, Solid Waste Management Consultant, CTAS

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March 24, 2000

**Greene**  
Baileyton  
Greeneville  
Mosheim  
Tusculum

**Ron Graham**  
Tennessee Department of Environment & Conservation  
Division of Community Assistance  
8<sup>th</sup> Floor, L&C Tower  
401 Church Street  
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**Hancock**  
Sneedville

Dear Mr. Graham,

**Hawkins**  
Bulls Gap  
Church Hill  
Mount Carmel  
Rogersville  
Surgoinville

1999  
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Sincerely,

Christopher L. Craig  
Director of Environmental Programs

**Johnson**  
Mountain City

**Sullivan**  
Bluff City  
Bristol  
Kingsport

**Unicoi**  
Erwin  
Unicoi

**Washington**  
Johnson City  
Jonesborough



Sullivan County Solid Waste Planning Region  
REGION NAME

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

Leah Ross

Typed Name of Chairman of the Solid Waste Planning Region



\_\_\_\_\_  
Signature of the Chairman of the Solid Waste Planning Region

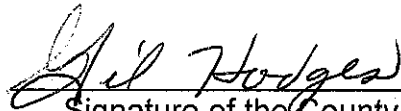
3-15-00

Date

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

Gil Hodges

Typed Name of the County Executive(s)



\_\_\_\_\_  
Signature of the County Executive(s)

03-23-00

Date



Sullivan County, Tennessee  
Board of County Commissioners

No. 17  
Administrative Committee  
2000-03-34

To the Honorable Gil Hodges, County Executive, and the Members of the Sullivan County Board of Commissioners in Regular Session this 20<sup>th</sup> day of March, 2000.

**RESOLUTION AUTHORIZING approval of five (5) year update to the Solid Waste Management Plan.**

NOW, THEREFORE BE IT RESOLVED by the Board of County Commissioners of Sullivan County, Tennessee assembled in Regular Session on the 20<sup>th</sup> day of March, 2000;

WHEREAS, the Solid Waste Management Act of 1991 requires all solid waste regions to submit and adopt a five (5) year update to the regional Solid Waste Plan; and,

WHEREAS, Sullivan County is a one-county region, and is required to submit the update by March 26, 2000; and,

WHEREAS, a five (5) year update has been prepared for Sullivan County by the First Tennessee Development District.

NOW, THEREFORE, BE IT RESOLVED that the Sullivan County Board of Commissioners approve the five (5) year update as prepared by First Tennessee Development District.

All resolutions in conflict herewith be and the same rescinded insofar as such conflict exists.

This resolution shall become effective on \_\_\_\_\_, 2000, the public welfare requiring it.

Duly passed and approved this 20 day of March, 2000.

Attested: Janie Hammon Date: 3/20/00 Gil Hodges Date: 3/20/00  
County Clerk County Executive

Introduced By Commissioner: Hyatt

Estimated Cost: \$ \_\_\_\_\_

Seconded By Commissioner(s): Milhorn

Fund: \_\_\_\_\_

Committee Action	Approved	Disapproved	Deferred	No Action
Administrative				
Budget				
Executive				

Commission Action	Aye	Nay	Pass	Absent	Total
Roll Call	22			2	
Voice Vote					

mag  
ATTCHMENT  
Comments:

APPROVED 03/20/00



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 30, 2000

Ms. Leah Ross  
Chairperson  
Sullivan Co. Municipal SW Planning Region  
2582 Island Road  
Blountville, TN 37617

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

Dear Ms. Ross:

Thank you for your timely submission of the Sullivan Co. Municipal SW Planning Region Update Plan. We received your plan on March 28, 2000. 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 Karen Grubbs at 615-532-0463.

Sincerely,

Ron Graham  
Director

RG:klg

C: The Honorable Gil Hodges, Sullivan County Executive  
Mr. Lucian Lawson, Land Use Director, Sullivan County  
Mr. Chris Craig, (SWM), First TN Development District  
Ms. Chris Garkovich, SW Management Consultant, CTAS  
Mr. Michael Hughes, Manager, Johnson City Environmental Assistance Ctr.



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

November 5, 1999

Ms. Leah Ross  
Chairperson  
Sullivan Co. Municipal SW Planning Region  
2582 Island Road  
Blountville, TN 37617

RE: Five-year Update to Ten-year Solid Waste Plan  
Sullivan County SW Region  
Region Member(s): Sullivan  
**Report Due — March 28, 2000**

Dear Ms. Ross:

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 Sullivan County Region's Ten-year plan was approved on March 28, 1995; therefore, your Five-year update report is due to this office by **March 28, 2000**.

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(s) for the counties and municipalities within your region was (were) received on March 29, 1999.

I am confident you will give due attention to your Five-year update to the Ten-year Solid Waste Management Plan. If you have any concerns, I encourage you to contact Ms. Karen Grubbs with DCA at 615-532-0463.

Sincerely,

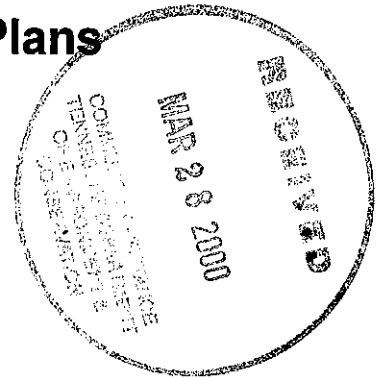
Ron Graham  
Director

RG:KLG:lr

C: The Honorable Gil Hodges, Sullivan County Executive  
Mr. Chris Craig, First TN Development District  
Ms. Chris Garkovich, CTAS-ET  
Mr. Joe Yarbrough, Sullivan County Solid Waste Director

**Guidelines for Preparation  
of Five-Year Updates  
to Municipal Solid Waste Regional Plans**

**June 1999**



**As Required by:**

**The Solid Waste Management Act of 1991**

**T.C.A. 68-211-813 ©, 68-211-814 (a), and 68-211-815**

82

**SULLIVAN COUNTY**

**State of Tennessee  
Department of Environment and Conservation  
Division of Community Assistance  
Ron Graham, Director  
8<sup>th</sup> Floor, L&C Tower  
Nashville, TN 37243  
615-532-0445**

Routing Page  
Solid Waste Planning Region  
5 - YR Update

Planning Region: Sullivan Co

**Clerk**

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

1. Write in the name of the person completing this report Christopher L. Craig  
a "cc" for all letters sent to the chairperson.
  
2. (may be attached as a separate list):  
Was a list of board members provided?  Yes  No  
*If yes, continue to question four and verify the term of each member is current.  
If no, skip question and go directly to question.*
  
3. Was the term of each member current?  Yes  No  
*Continue to question.*
  
4. See page 14:  
Did the chairperson of the board sign and date the report?  Yes  No  
*Continue to question.*
  
5. See page 14:  
Did the county executive, (each local Government body) sign and date the report?  Yes  No  
*Continue to question.*
  
6. Which reviewer was assigned to this report?  Karen  Bob  Becky  
*Continue to question.*
  
7. On what date was the report sent to the reviewer? \_\_\_\_\_  
*Continue to question.*
  
8. What is the deadline for the review (i.e., 90 working days from received stamp)? 6/28/00  
*Attach routing page to the report and give it to the reviewer.*

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

**Reviewer**

Date review is complete 5/17/00 Reviewer's initials BR  
*Log-in completion date and give working copy of report to Bob. Leave original copy in the permanent file.*



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March 24, 2000

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Tennessee Department of Environment & Conservation  
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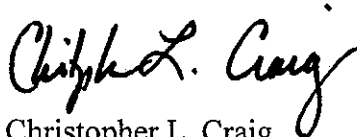
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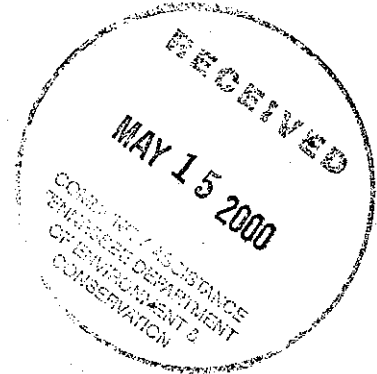


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Chairman



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Ms. Leah B. Ross

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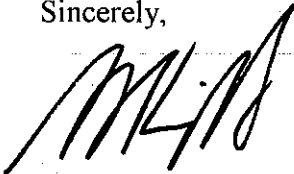
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Waste Reduction Section

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Mr. Chris Craig, Director of Environmental Programs,  
First Tennessee Development District  
Ms. Chris Garkovich, Solid Waste Management Consultant, CTAS

TO	DATE

## TELEPHONE/MEETING RECORD

DATE: 4-12-00

TO: File

FROM: Btk R.

SUBJECT: Sullivan Co. - 5 Yr. Update Review

Apoke w/ Chris Craig (First Tr. Dist), who prepared update, re: questions listed in the "comments letter" sent to the region this date.

Collection, Chapter 4.1 - County has 2 convenience centers which meets the rule for "one convenience center for ca. 180 miles<sup>2</sup> of area". Chris says all 3 cities have door-to-door collection provided by the respective city and that <sup>many</sup> ~~some~~ of the county residents subscribe to private pick-up service.

Disposal, Chapter 6.1 - I asked for additional info on other private waste plants in the county and this will get w/ Bob Johnson (SW District) + respond.

Chapter 6.3 - I reminded the region that it must provide for disposal assurance over 10-yr. planning horizon and, therefore, should formulate plans to handle Class III-IV waste now going to Bristol's III-IV landfill, which will be closed in 3 yrs.

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## Chapter 1: Summary

In 1993, Sullivan County formed a single county solid waste planning region to provide better planning for the County through better data collection and communication. The Region covers a land area of 413 square miles and has a total population of 150,684. Solid waste services throughout the Region include a variety of systems. Door-to-door collection is provided in all municipalities and several households throughout the County. The County operates two convenience centers and 11 drop-off sites for collecting recyclables. The Cities of Kingsport and Bristol provide recycling collection through a curbside program and a network of drop-off sites respectively.

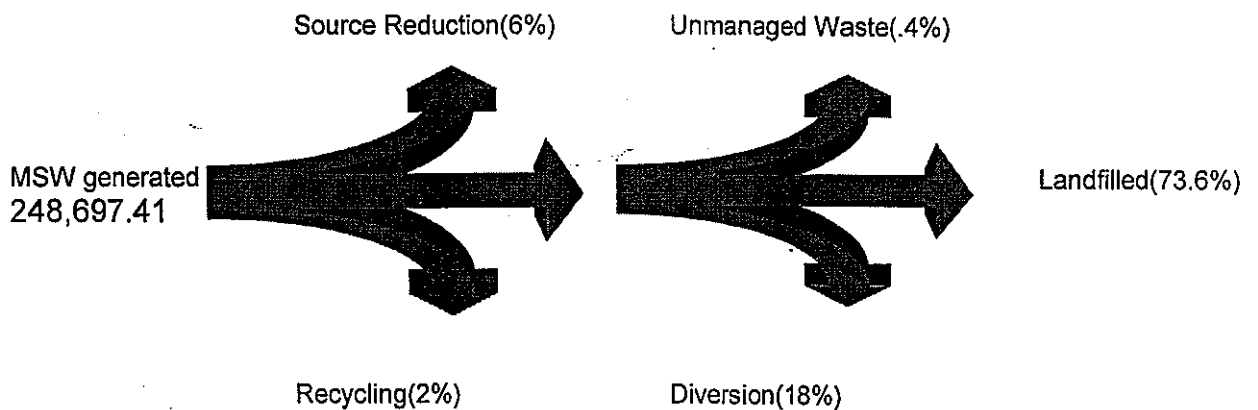
In 1999 the Region disposed of 181,059.41 tons of solid waste in 3 landfills. These landfills were the Iris Glen Environmental Center in Johnson City, the Carter's Valley Landfill in Hawkins County, and the Bristol, Virginia Landfill. The Region's total waste stream including recyclables and diverted materials is 248,697.41 tons. Currently, the Region is not faced with any needs in the Class I disposal area, however the Planning Board identified the lack of a long-term Class IV disposal option in the Bristol area of the County. County officials are currently addressing this issue. The Region is making every effort to reduce the amount of solid waste being landfilled by 25% between 1995 and 2003. However, due to the industrialized nature of the Sullivan County economy, the Region will most likely be interested in evaluating progress toward this goal by using an economic growth formula. The programs currently in place to ensure the Region is making every attempt to reduce solid waste include the Bristol Composting Plant that is responsible for composting mulch, yard waste, and sewage sludge. In 1999 this plant composted 4,690 tons of waste. Recycling programs throughout the Region are responsible for reducing approximately 3,000 tons of material from the landfill. Other yard waste reduction programs and Class IV diversion are responsible for removing approximately 47,000 tons of material. Some setbacks and weaknesses of the Region's reduction programs deal mainly with the lack of revenues generated by the programs, especially recycling. Comments from solid waste personnel indicate the biggest problem with recycling is the costs of the programs outweigh the revenue stream. The Region is interested in locating and establishing more dependable markets for all types of material collected.

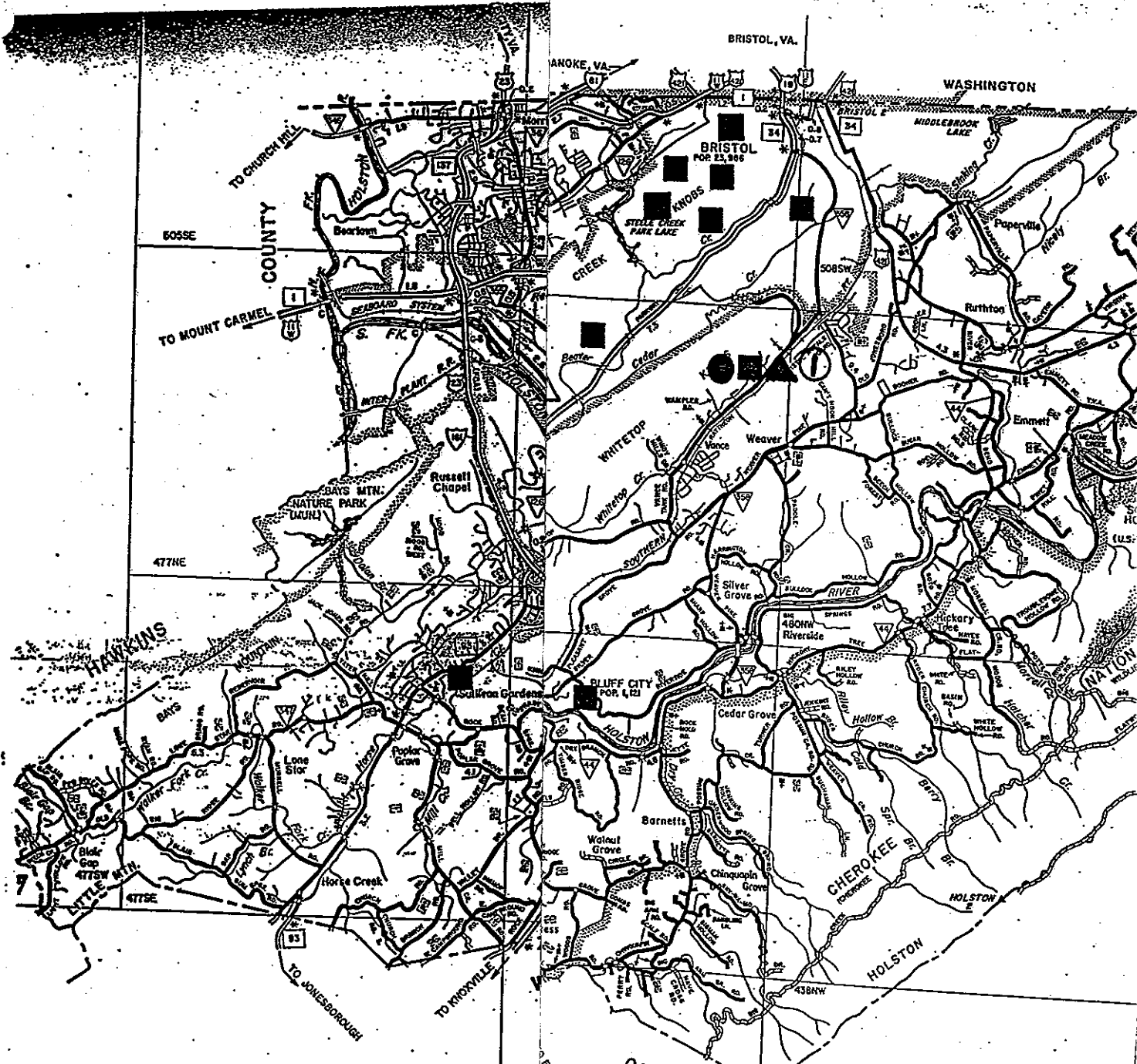
Used oil, batteries, and automobile fluids are collected at each of the Region's two convenience centers. Tires are collected from homeowners at the convenience centers and transported to Polytek in Johnson City for recycling. Tire dealers in the County transport tire directly to the recycling site. In the past the Region has hosted at least one household hazardous waste collection event per year.

The Planning Board has identified a need for a permanent household hazardous waste collection option for residents which would include a regional collection site to serve all of northeast Tennessee. This idea is likely to gain momentum in the future as more solid waste regions are made aware of the need. As in many solid waste regions, education remains the largest area of solid waste management in need of further development. Several individuals and agencies participate in solid waste educational programs in local schools, civic clubs, and the general public. There appears to be the need to have one uniform message to present concerning solid waste management in Sullivan County. If all citizenry hear the same message, more will be likely to be participants in the programs.

### IMPLEMENTATION SCHEDULE

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Develop Class IV Disposal in Bristol area				Jan.						
Expand # of Recycling Drop-off sites		Mar.								





- ◆ MATERIALS RECYCLING FACILITY
- △ BRISTOL COMPOSTING PLANT
- SPECIAL WASTE FACILITIES
- RECYCLING FACILITIES
- ▲ CONVENIENCE CENTERS
- ⓪ CLASS III/IV LANDFILLS



## Chapter 2: General Information about the Region

1. Identify the Region by name, and list counties and municipalities that comprise the Region.

Sullivan County Solid Waste Planning Region  
Sullivan County, Bristol, Bluff City, and Kingsport

2. Total Population of Region (list by county; provide source of information and year)

Sullivan County - 150,684  
Source: 1997 U.S. Census Bureau

3. Provide a complete list of Regional Solid Waste Board members and their term expiration dates. Top the list by stating how many members are on the board (set by the original Regional formation resolution) and whom they represent. Then include a current list of Regional board members (and any vacant positions), term of office and expiration of each, whether appointed by a county executive or mayor (and name of jurisdiction represented), whether confirmed by a county commission, or city council, and the year confirmed. Identify the chairman.

The Board has 7 members representing Bristol, Kingsport, Bluff City, and Sullivan County.

NAME	TERM	EXPIRES	APPOINTED/CONFIRMED BY	REP.
Joe Yarbrough	6 yr.	11/00	County Exec./County Comm.	Sullivan Co.
Jack Hurlbert	6 yr.	2/04	County Exec./County Comm.	Sullivan Co.
Roy Settle	6 yr.	2/04	County Exec./County Comm.	Sullivan Co.
Bill Sorah	6 yr.	3/02	Mayor/City Council	Bristol
Virginia Talbert	6 yr.	3/05	Mayor/City Council	Bluff City
Dan Wankel		interim		Kingsport

- Name of Regional Solid Waste Board Chairman: Leah Ross
- Job Title: Business Owner
- Address: 2582 Island Road, Blountville, TN 37617
- Phone Number: 540-669-9699

4. A. Has the Region formed a Part 9 Solid Waste Authority?\* If yes, please provide the following information:

No

**B. Has the Region dissolved a Part 9 Solid Waste Authority? If yes, please describe.**

No

**5. Please list three contacts for solid waste information for your Region.**

Betsy Dale  
Kingsport Streets and Sanitation Manager  
225 West Center Street, Kingsport, TN 37660  
423-229-9451

Lucian Lawson  
Sullivan County Land Use Director  
Courthouse, P.O. Box 509, Blountville, TN 37617  
423-323-6439

Bill Sorah  
Deputy City Manager  
P.O. Box 1189  
Bristol, TN 37621-1189  
423-989-5565

**6. Briefly describe the activities and workings of the Region's Solid Waste Board and/or Part 9 Authority Board if one exists. Describe the Board meeting schedule, involvement with concerned entities in planning decisions, process for addressing public, and timeliness of submittal of Annual Progress Reports and Solid Waste Plans. In addition to planning, does the Board meet its responsibilities with regard to permit review?**

The Planning Board meets several times annual to discuss the Region's Annual Progress Report and other issues that come before the Board. To date the Board has had little involvement with local entities in the decision making process, however recently the Board has been able to work with local officials on long-range class IV disposal options. The Planning Board has always submitted the Annual Progress Report for the Region in a timely manner and will continue to do so.

**7. Describe the Region's rationale for formation (its decision to be either single or multi-county).**

To provide better planning for Sullivan County through better data collection and communication among the various city governments and the County government on solid waste issues.

**8. List all municipalities in the Region that have door to door collection service. Include county and municipal population.**

<b>City/Town Name</b>	<b>County</b>	<b>1998 Population</b>
Kingsport	Sullivan	41,335
Bristol	Sullivan	23,275
Bluff City	Sullivan	1,410

**9. Describe the Region, generally, geographically, and demographically.**

Sullivan County covers a land area of 413 square miles and has population density of 364.9 persons per square mile. 43% of the County's population live inside the city limits of one of the three municipalities in Sullivan County. Approximately 30% of the County's population is in the 25-44 age group, while 19% of the total population is above retirement age. Sullivan County is home to Warrior's Path State Park and Bays Mountain Park, a park owned by the City of Kingsport. The Region is extremely mountainous in some sections and is home to the Holston River, South Holston Lake, Boone Lake, and Fort Patrick Henry Lake

**10. Does the Region (or Part 9 Authority, city or other jurisdiction within) charge a fee for solid waste services?**

No

**If yes, please identify each SW fee, when it was instituted and by what legal authority, what jurisdiction collects it, by what means it is collected, how much, and how often.**

**11. Describe the costs and revenues involved in public funding for solid waste programs and expenses in the Region. Be sure to include capital cost considerations, staffing requirements, and operating expenses. It may be best to go jurisdiction by jurisdiction (cities, counties, Part 9 authorities). Is the current system satisfactory? Are revenues meeting costs? What new expenses and/or fees or revenues are needed or anticipated?**

None of the entities within this Region are meeting costs with revenues. Sullivan County, Kingsport, Bristol, and Bluff City all subsidize solid waste services with other funds. All of the cities and the County plan no significant staffing increase in the near future which would affect the overall expenses related to solid waste programs. The current system has remained satisfactory with elected officials although alternatives have been discussed at the county level that include a higher tipping fee to

cover all costs. This option has not received much support in the past. No new fees are expected in the near future, however, should recycling markets improve, revenues from the sale of recyclables would increase. This increase in revenue is difficult to predict or rely upon.

**12. The Solid Waste Management Act states that each city, county, or Part 9 solid waste authority in the Region shall use uniform financial accounting methods and account for solid waste activities with a named designated special revenue or enterprise fund (for publicly owned landfills or incinerators) [T.C.A. 68-211-874(a)]. Do all the relevant jurisdictions in the Region meet with this requirement?**

Yes

**13. Include a proposed 10-year solid waste budget for the Region. See Appendix A for instructions and sample budget sheet.**

See Attachment #1

**14. List the contacts in the Region for information regarding solid waste budget.**

Lucian Lawson  
Land Use Director, Sullivan County  
423-323-6439

Bill Sorah  
Deputy City Manager, Bristol  
423-989-5565

Betsy Dale  
Streets and Sanitation Manager, Kingsport  
423-229-9451

## Chapter 3: Waste Stream

### (Characterization of Total Generated, Disposed Tonnage, 25% Reduction and Diversion Analysis, Description of Reduction and Diversion Programs)

1. For the most recent calendar year, how many tons of solid waste were generated within the Region and disposed of in Class I landfills or incinerators located in or out of the Region? Please "show your work" by providing a breakdown of tonnages and sources of information. Note: Regional annual progress reports ask a similar question and the answers should be consistent.

Carter's Valley Landfill -	68,692.09 tons
Iris Glen Environmental Center -	97,013.28 tons
Bristol, Virginia Landfill -	15,354.04 tons
TOTAL -	181,059.41 tons

2. Estimate the percentages of the tons reported in #1 above using the following categories:

Residential	65%	Institutional (school, hospital, prison)	4%
Commercial	10%	Other (including special)	0%
Industrial	11%		

3. Estimate the percentage of the tons reported in #1 above using these categories:

Yard Waste	1%	Recyclables	0%
Construction/Demolition (Class IV)	1%	White Goods	0%
Tires	1%	Regular MSW	98%

4. To calculate the Total Generated waste stream (for the most recent calendar year), first estimate tons annually reduced or diverted within the Region. Consider

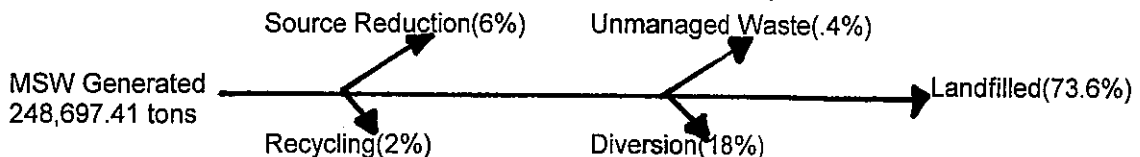
- (1) source reduction (especially industrial practices); 15,000
- (2) recycling (include composting); 5,730
- (3) diversion (to Class III/IV landfills); 45,908
- (4) unmanaged waste (burned in backyards, illegal dumps, ditches); 1,000

Then add these four items to tons reported in #1 about (regarding the disposed waste stream). Again, these should be products of the waste stream generated only within the Region (no imports) regardless of whether they are reused or disposed.

248,697.41 tons

Total Generated waste stream for the Region consists of tons estimated in #1 plus the estimates for the four items mentioned above. Estimate each of the four items as a percentage of the total generated waste stream. Remember to calculate using similar units (tons). Make a waste flow diagram illustrating your estimates.

- (1) source reduction (as a percentage of the Total Generated waste stream for the Region); 6%
- (2) recycling (as a percentage of the Total Generated waste stream for the Region); 2%
- (3) diversion (as a percentage of the Total Generated waste stream for the Region); 18%
- (4) unmanaged waste (as a percentage of the Total Generated waste stream for the Region); 0.4%



Discuss your reasons for making the estimates in all four cases above. Make specific mention of programs or facilities that would account for the estimates.

These estimates are based on knowledge of the waste stream by solid waste personnel within the County, Bristol, and Kingsport. Also used were recycling reports, landfill data, and composting records used by the municipalities that have organized composting programs.

- 5. Discuss any recent demographic trends that may affect waste disposal and generation figures in the Region. Are large groups of people moving into or out of the area for any special reason?**

Recent layoffs at the areas largest employer may have a small impact on the Region's waste stream. However, due to the large number of people who currently work in Sullivan County but don't live in the County, any small change in the work force is not likely to significantly affect the solid waste generation rate. The Region is victim to a significant industrial workforce that commute to the Region and contribute to the waste stream, but are not calculated in the Region's population figures and resulting per capita generation rate.

- 6. Discuss the economic condition of the Region. Who are major employers? Is the unemployment rate high or low? What economic factors could affect the content and volume of the waste stream and waste reduction efforts in the Region?**

The overall economic condition of the Region is very good although in recent months the County has been affected by job decreases at the largest employer in the area. However the overall unemployment rate is considered low by State standards but has risen recently due to layoffs. The Regions largest employers include Eastman Chemical Company, King Pharmaceuticals, Willamette, Bristol Compressors, and Exide Corporation. Especially in Sullivan County, an industrial expansion could contribute heavily to an increase in the waste stream. Sullivan County is a largely industrialized county and the overall waste stream of the County is greatly influenced by the growth and expansion of the industrial sector.

- 7. Please list the top five contributors to the overall waste stream generated in the Region AND DISPOSED IN CLASS I LANDFILLS OR INCINERATORS (reported in #1 of this chapter). This list should be an estimate based on local inquiry and landfill records. Bear in mind that often more than one disposal facility (either in or out of the county) serves the Region. The list may include major industries, prisons, colleges, major medical facilities, airports, or other institutions. For urban areas, it may be necessary to list more than five to give a full view of the county situation. Provide the following information on each contributor listed:**

**Major Contributors to the Region's Waste Disposal**

Exide Corporation  
Plant Manager, 423-969-1010  
Mixed Industrial  
2,475 tons

Quebecor Printing, Inc.  
Plant Manager, 423-378-1000  
Mixed Industrial  
2,750 tons

Wellmont Health system  
Operations Director, 423-224-3000  
Mixed Commercial/Industrial  
2,200 tons

Willamette Industries  
Plant Manager, 423-247-7111  
Mixed Industrial  
2,500 tons

Amerace Microporous Products  
Plant Manager, 423-538-7111  
Mixed Industrial  
3,500 tons

- 8. Do jurisdictions in the Region have clean up and litter prevention programs in place such as litter grant programs? If yes, please describe the program or programs briefly and list the contacts you have with the programs.**

Clean Kingsport - Judy Hagan - Keep America Beautiful affiliate sponsors litter pick-up and anti-litter programs.

Keep Bristol Beautiful - Beth Ringley - Keep America Beautiful affiliate sponsors anti-litter programs in Bristol.

Sullivan County Sheriff's Department conduct litter pick-up program with assistance from TDOT.

Several civic clubs and businesses are involved in the Adopt-a-Highway program.

- 9. Legislation passed by the General Assembly in 1999 adds consideration on an "economic growth adjustment formula) analysis for reporting solid waste disposal figures and progress toward the 25% waste reduction and diversion goal from year to year. The economic growth formula would include factors like growth rate, employment rates, and taxable transactions in the Region, in addition to population changes.**



**Does the Region perceive that this option would express progress on the State's 25% waste reduction goal in a more equitable fashion (a more fair representation of the Region's actual progress?)**

**Explain your answer. (More information on the proposed economic growth adjustment formula will be available from the Division of Community Assistance).**

Yes, Sullivan County will greatly benefit from the economic growth formula option of measuring the 25% waste reduction goal. Having been pursuing this type of measuring device for several months leading to the passage of the 1999 legislation, Sullivan County is a heavily industrialized county of which many thousand people work in the County and generate waste but do not live in the County. Therefore, the per capita method of measuring the Region's progress toward the 25% waste reduction goal was a disadvantage to Sullivan County. County officials and Planning Board members are pleased to see an additional option available for measuring this goal. It is felt that economic conditions, business transactions, tax records, and industrial expansion is a more fair method of measuring the progress and a Region's efforts to meet the goal.

- 10. Use of a new base year (1995) and new goal year (2003) to achieve the 25% waste reduction and diversion goal are also in the 1999 legislation. Regions may provide documentation to adjust their 1995 base year figures for progress already made in ongoing reduction programs. Explain how the proposed base year change might affect your Region.**

Sullivan County has several businesses and industries that have indicated their commitment to in-house recycling. Prior to this new legislation, Regions were not able to gain credit for the efforts of local businesses and industries that may be reducing their waste as a result of the Region's on-going waste reduction push. The new base year and base year adjustment process enable Regions such as Sullivan County to document and receive credit for the efforts of these private companies. This new process also enables the Region to document and receive credit for an extremely important part of the overall waste reduction program in the Region which is Class IV diversion. Had Sullivan County been able to receive credit for the Class IV diversion activities prior to 1985, the County would have been able to receive a variance for this program 5 years ago. Fortunately the change in the legislation has corrected this oversight, which planning board members felt was a penalty to the Region for being committed to waste reduction prior to passage of the 1991 Solid Waste Management Act.

3.11.  
- Discuss any cooperation among the jurisdictions in the region.  
- what about education

For more information regarding existing and pro  
year figures for your Region, please see the lists of  
recorded for 1989 and reported for 1995, attached  
and B-7, or contact the Division of Community Assis

11. List each county, city, part 9 Authority in the Region. Discuss current reduction or diversion programs sponsored by each and the success level enjoyed by the current programs. Be sure to include information about how and to what extent programs are funded or generate revenues. If the jurisdiction has a drop off program, tell about what types of materials are collected and how much. Be sure and detail any yard waste or composting programs as the department intends to give additional emphasis to these programs in the future. List proposed programs and discuss ten year trends and needs. Discuss how the jurisdictions in the Region work together. Describe education programs and opportunities in each jurisdiction and encouragement that the commercial and industrial sectors receive from these jurisdictions. These jurisdiction-by-jurisdiction descriptions should cover all the topics listed here plus any other that would fully explain efforts in the given jurisdiction.

*Sullivan County*

Drop-off Recycling Program consisting of 10 drop-off sites that collect cardboard, paper, glass, plastic, and metal. The County also operates cardboard and metal collection containers at each of the County's schools. The program is funded largely through the County's solid waste/sanitation budget. A small percentage of revenues from the sale of materials is used to offset costs. In 1999, the program was responsible for collecting and marketing 2,616 tons of material. Although this is about 2% of the disposal volume during the same year, for unmanned drop-off sites, the amount recycled is considerable. The real success of the program is found in the willingness of the public to source separate at un-staffed centers and the lack of contamination of loads. The County is in the process of determining the feasibility of expanding the number of drop-off collection sites. The County would like to expand the number of sites, but is in the process of acquiring land for this purpose.

*Kingsport*

The City of Kingsport conducts a curbside recycling program that collects newspaper, glass, plastic, and metal. This program is funded largely through the solid waste budget and general tax revenues. The small percentage of revenues generated from the sale of materials is

used to offset collection costs. All recyclables are processed by a private materials recovery facility. City officials feel that the costs of operating the program outweigh the benefits of waste reduction received from the program. However the program will continue and will work to increase participation from the community. Kingsport also collect brush and other yard waste at the curbside which is mulched by the City. In 1999, 180 tons of mulch was produced through this program. Leaves and other yard wastes are composted at a City facility for use by the maintenance department and general public. In 1999, 1,649.22 tons was composted in this program. In total, the City of Kingsport recycled, composted, and mulched 2,876.38 tons of material. The needs of the City continue to be more funds for operating the existing programs and promotional materials to increase participation.

### *Bristol*

The City of Bristol operates 7 drop-off sites throughout the City limits. Several years ago the City discontinued a subscription curbside program due to lack of participation. At the drop-off sites, the City collects newspaper, cardboard, plastic, and metal. In 1999, the city collected and sold 158 tons of material in this program. Obviously the success of the program is not where the City would like, however, the City is continuing to actively pursue the operation of the current drop-off program. The City also collects brush and other yard wastes which is composted at the City's composting facility operated by PSG, Inc. In 1999, the City composted 4,690.00 tons of mulch, yard waste, and sewage sludge. Bristol's composting operation is unique to the East Tennessee area and should be used as a model for communities interested in a full-scale composting program. Currently there are no plans for expansions or additions to the existing waste reduction program.

## Chapter 4: Collection and Transportation

### (House-to-House Collection, Convenience Centers, and Green Boxes)

1. **List collection services available in the Region (in the county or counties and cities within) and basic information regarding the services.**

Service	Available to	Paid for by	Description
Convenience Centers	All county residents	Resident pays tipping fee	Bristol and Kingsport Convenience Centers
Door-to-door	Kingsport res.	Local Government	All residents of Kingsport
Door-to-door	Bristol res.	Local Government	Door-to-door in City of Bristol
Door-to-door	Bluff City res.	Local Government	Door-to-door
Door-to-door	County res.	Individual Resident	Subscription Service

2. **Describe how each county in the Region meets the Collection Assurance requirements mandated in the Solid Waste Management Act of 1991 (T.C.A. 68-211-851). See Appendix B-8 for a fact sheet regarding minimum collection requirements.**

Sullivan County operates 2 convenience centers in Bristol and Kingsport. This meets the minimum number required by State Law.

3. **Based on the information available and your experience working in the county, discuss collection needs in the Region, and trends anticipated over the next ten years. This is your opportunity to discuss aspects of the county (or counties) collection system(s) that were perhaps missed in previous questions and to help planners with new directions the county and its Region may wish to pursue. City systems within the Region may also be relevant here. This is also a good place to discuss a system that is working particularly well.**

Solid Waste collection needs for the Region include more community awareness of the local solid waste issues such as littering and proper containerization and the need to increase composting efforts and participation over the next several years. Efforts to target the homeowner for composting programs are seen as a definite need in the Region.

## Chapter 5: Recycling

### (Reduction Programs, Processing and Composting Facilities)

1. Does the Region (or county, city or Part 9 Authority within) have a recycling or waste reduction coordinator. If yes, please provide the following information:

Marvin Johnson  
Sullivan County Recycling Coordinator  
423-279-2879  
Courthouse, P.O. Box 509, Blountville, TN 37617

2. List the waste reduction programs in the Region. The description should include whether the program is publicly or privately sponsored; if the program is open to all or to a limited group; if materials are dropped off or picked up; if the program is curbside; if the owner/sponsor is a for-profit collector or end-user; if the program is an in-house industrial, commercial or government recycling or reduction program; etc.

For each recycling program, please provide the following information:

Sullivan County Recycling  
Marvin Johnson  
423-279-2879  
P.O. Box 509, Blountville, TN 37617  
Items accepted include glass, paper, plastic, metal, and cardboard  
The County operates 10 drop-off sites.

City of Kingsport  
Karen Combs  
423-224-2751  
225 West Center Street  
Kingsport, TN 37660  
Items accepted include paper, plastic, glass, and metal  
Curbside collection is conducted by the City sanitation department.

City of Bristol  
Bill Sorah  
423-989-5655  
P.O. 1189  
Bristol, TN 37621-1189  
Items accepted include paper, plastic, and metal  
The City operates 7 drop-off sites inside the City limits.

**List materials processing facilities in the Region:**

Sullivan County Processing Center  
Sullivan County  
Lucian Lawson  
423-323-6439  
84,664

glass, paper, cardboard, aluminum, and plastic is processed at the facility.  
2,345 tons processed annually  
crushing, baling, and transferring to end markets is done at this facility  
1921 Brookside Drive, Kingsport, TN 37660

Recycle America  
Waste Management, Inc.  
423-246-3353

Population served is unknown  
paper, plastic, and cardboard is processed at the facility.  
Volume processed annually is unknown.  
Private company that processes materials for municipalities and other  
private businesses.  
1821 Jared Drive, Kingsport, TN 37660

**List composting facilities in the Region:**

Bristol Waste Water Treatment Plant  
City of Bristol  
Matthew Dake, Professional Services Group  
423-989-5570  
578 Beaver Creek Road, Bluff City, TN 37618  
23,275 population served  
10,000 tons processed annually

This facility is owned by the City of Bristol and is operated under contract  
by PSG. The facility composts mulched yard waste with sewage sludge.

- 3. Based on the information available and your experience working in the county, please describe progress and setbacks in recycling and reduction efforts in the Region. Be sure and include marketing efforts on the part of local programs, their principal end-users, successes and failures in marketing efforts? Feel free to describe unusual or counties (and programs within) in their efforts. Please include any future plans for additional recycling, reduction, or end-use programs you are aware of.**

Available markets for glass and plastic have been one setback experienced by the Region recently. Although there are markets that will receive glass and plastic, the County is interested in generating as much

revenue as possible for the product. Other setbacks experienced in the Region have been the rising costs of operating recycling programs and the decreasing revenue stream. Government officials are committed to recycling because of the public demand, but consider the costs of recycling to be a setback as to how effective a program can be.

4. The law requires that every county within the Region have at least one recycling drop-off facility available to all county residents. The facility does not have to be publicly owned or collect a specified volume or type of recyclable. However, a collection facility must be available for at least one material that is actually recycled (marketed and reused). Please list recycling collection site(s) for each county in the Region and describe the facility or program.

Site Name	County	Items Collected	Description
Warrior's Path Fire Station	Sullivan	paper, glass, plastic, metal	Drop-off center
Blountville Middle School	Sullivan	paper, glass, plastic, metal	Drop-off center
Sullivan Garden Middle School	Sullivan	paper, glass, plastic, metal	Drop-off center
Bluff City Park	Sullivan	paper, glass, plastic, metal	Drop-off center
White's Food Center	Sullivan	paper, glass, plastic, metal	Drop-off center
Kingsport Conv. Ctr.	Sullivan	paper, glass, plastic, metal	Drop-off center
Kingsport(curbside)	Sullivan	paper, glass, plastic, metal	Door-to-door collection
Holston Valley Middle School	Sullivan	paper, glass, plastic, metal	Drop-off center
Kingsport Civic Auditorium	Sullivan	paper, glass, plastic, metal	Drop-off center
Indian Springs Elem. School	Sullivan	paper, glass, plastic, metal	Drop-off center
Piney Flats Fire Station	Sullivan	paper, glass, plastic, metal	Drop-off center
Bristol Conv. Ctr.	Sullivan	paper, glass, plastic, metal	Drop-off center
Bristol TN High School	Sullivan	paper, plastic, metal	Drop-off center
Holston View Elem. School	Sullivan	paper, plastic, metal	Drop-off center
Avoca Elem. School	Sullivan	paper, Plastic, metal	Drop-off center

Central Elem. School	Sullivan	paper, plastic, metal	Drop-off center
Vance Middle School	Sullivan	paper, plastic, metal	Drop-off center
Fairmont Middle School	Sullivan	paper, plastic, metal	Drop-off center
Haynesfield Elem. School	Sullivan	paper, metal, plas.	Drop-off center



## **Chapter 6: Disposal**

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

- 1. Please list all the landfills, transfer stations, Municipal Solid Waste incinerators, Landfill Gas to Energy facilities, and Waste to Energy facilities in the Region.**

Bristol Demolition Landfill  
Owned by the City of Bristol  
Bill Sorah  
423-279-7250  
Class IV Landfill  
Serves Bristol and Sullivan County  
DML 82000022  
804 Raytheon Road, Bristol, TN 37621  
\$2.50 per cubic yard tipping fee  
Facility accepts demolition materials and furniture  
Facility does not produce energy  
Materials are buried on site

Kingsport Demolition Landfill  
Owned by the City of Kingsport  
Bob Fickle  
423-224-2817  
Class IV Landfill  
Serves Kingsport and Sullivan County  
DML 821040016  
1921 Brookside Drive, Kingsport, TN 37660  
\$15.00 - \$27.00 tipping fee  
Facility receives furniture, yard waste, and building materials at a rate of 240 tons per day.  
Facility does not produce energy  
Materials are buried on site

Kingsport Transfer Station  
 Sullivan County  
 Lucian Lawson  
 423-323-6439  
 1921 Brookside Drive, Kingsport, TN 37660  
 Serves all county residents  
 SWP 82-000-0077  
 \$24.50/ton tipping fee  
 Facility receives household garbage  
 The facility does not produce energy  
 Material is transferred from this facility to the Carter's Valley Landfill.

Bristol Transfer Station  
 Sullivan County  
 Lucian Lawson  
 423-323-6439  
 804 Raytheon Road, Bristol, TN 37621  
 Serves all county residents  
 SWP 82-000-0073  
 \$24.50/ton tipping fee  
 Facility receives household garbage  
 The facility does not produce energy.  
 Material is transferred from this facility to the Carter's Valley Landfill in Hawkins County.

2. Identify Class I waste exported from or imported to the Region. Include origin and destination. Name the relevant county and Region. The table headings below provide example formats for presenting your information.

**CLASS I WASTE EXPORTED**

Exported to: Count/Region/State	Exported to: Facility and Owner	Estimated Tonnage from Region to Class I Landfills
Hawkins County	Carter's Valley Landfill - BFI	68,692.09 tons
Washington County, TN	Iris Glen - Waste Mgmt.	97,013.28 tons
Washington County, VA	Bristol, VA Landfill	15,354.04 tons

**CLASS I WASTE IMPORTED**

Imported from: County/Region/St	Imported to: Facility Name and Owner	Estimated Tonnage of Imported Class I Waste Disposed in the facility
N/A		

- 3. Based on the information available and your experience working in the Region, evaluate disposal needs. Is efficient disposal assured at a reasonable price for the ten year planning horizon? What changes in the disposal system are being contemplated? What changes should be contemplated with consideration to anticipated growth and disposal demands?**

With the impending closure of the Bristol Class IV Landfill in the next 3 years, the Board is committed to evaluating options for Class IV disposal in the eastern end of Sullivan County. Obviously, the lack of a long-term disposal option for Class IV waste in the Bristol area is a weakness in the Region's disposal plan, however, City and County officials are confident that after evaluating all potential disposal options for this type of material, a reasonable solution will be implemented. Class I disposal is sufficient for the long-term. Changes may occur within the disposal contracts in place due to contract re-negotiations, but the disposal assurances for the Region will remain in place at a reasonable price.

- 4. Of the facilities listed in this chapter, which have planned capacity assurance of less than ten years? Five years?**

The Bristol Demolition Landfill has a capacity of less than 3 years.

- 5. Are all publicly held Class I landfills or incinerators in the Region accounting for financial activities in an enterprise fund as required by law?**

Yes

## Chapter 7: Problem Wastes

(Household Hazardous Wastes, Waste Tires, Waste Oil,  
Automotive Fluids, Lead Acid Batteries)

1. Has this county taken advantage of the State's household hazardous waste mobile collection service in the last two years? Please describe.

Yes, Sullivan County has a collection event every year and in 1998, the County conducted 2 events. The events are held in conjunction with other counties events in northeast Tennessee.

2. Does a jurisdiction within the Region operate a permanent household hazardous waste collection center? If yes, please provide the following information: No

- |                           |  |                               |
|---------------------------|--|-------------------------------|
| • Description of Center   | • Operator/Contact (Name Phone No.)    | • Days and Hours of Operation |
| • Date Center Opened      | • Disposal Contractor (Name Phone No.) | • Service Available to        |
| • Collection Center Owner |  | • Materials and Amounts       |

3. Briefly discuss the Region's (and jurisdictions within) level of success with household hazardous waste collection and level of satisfaction with the State program. Include changes area officials would like to make or see made. Describe plans for a local household hazardous waste program.

Officials feel that the program is a good and necessary program, however, many feel that the funds used to conduct the once per year collection events could be better spent on establishing regional permanent sites. The Sullivan County Planning Board is in favor of researching the possibility partnering with other local counties to operate a regional collection site on a year round basis. This would provide citizens with a continuous option for disposal of household hazardous wastes instead of asking them to store materials for up to a year. Funding used for the once a year collection days could be used for such a program. Planning Board members feel that a regional collection site would be successful in the northeast Tennessee area due to the history of cooperation and existing partnerships within the solid waste arena.

- 4. Describe the Region's efforts to see that waste tire collection mandates are met. Bear in mind that at least one site (public or private) per county must be available to local citizens for county or counties to be in compliance with the law. List the site(s) available. Describe what happens to waste tires in the Region once they are collected.**

Sullivan County collects used tires from citizens at the County's 2 convenience centers at 1921 Brookside Drive in Kingsport and 804 Raytheon Road in Bristol. Tire dealers haul tires directly to the County's chosen recycler which is Polytek Tennessee in Johnson City. Also private tire dealers haul tire directly to the Polytek facility in Johnson City.

- 5. Discuss the Region's level of satisfaction with waste tire collection efforts in the area and the State waste tire program. What changes are foreseen? What changes are needed?**

Off-road tires continue to be a problem for Sullivan County officials. The recycling of these tires needs to be addressed as they currently are not included in the State program and therefore no funds are available for recycling of this type.

- 6. Do counties in the Region have a problem with waste tire dumping? If yes, describe specific sites and discuss the problem.**

No major problem

- 7. Describe the Region's efforts to see that oil and auto fluid collection site mandates, and lead acid battery collection site mandates, are met. Bear in mind that at least one site (public or private) per county must be available to local citizens for the county or counties to be in compliance with the law. List the site(s) available.**

Sullivan County collects used oil, other automotive fluids, and batteries at each of the County's 2 convenience centers at 1921 Brookside drive in Kingsport and 804 Raytheon Road in Bristol.

## Chapter 8: Solid Waste Education

- 1. Please list persons or organizations that are active in efforts to educate the public regarding solid waste matters in the Region. It is appropriate to list a program like Keep Tennessee Beautiful (formerly Clean Tennessee), Keep America Beautiful, or Tennessee Solid Waste Education Program (TNSWEP). It is also appropriate to list an individual like a reported, an extension agent, a school teacher, or a local official who has made special efforts to help educate school children or adults in the county regarding solid waste issues. Include any in-house industrial solid waste education programs. Describe the nature of each effort and level of participation.**

Clean Kingsport

Keep America Beautiful affiliate

Operates in Kingsport, Tennessee

423-392-8814

P.O. Box 1403, Kingsport, TN 37662

Targeted participants include the general public and schools

The organization conducts activities such as the Chipping of the Green,

Trash Busters, and Glad Bag-a-Thon.

Keep Bristol Beautiful

Keep America Beautiful affiliate

Operates in Bristol, Tennessee

423-989-4857

P.O. Box 519, Bristol, VA 24201

Targeted participants include the general public and schools.

The organization conducts activities such as Tree City USA, telephone book recycling, and Chipping of the Green.

Sullivan County Recycling

Operated by Sullivan County Solid Waste

Operates in Sullivan County

423-279-2879

P.O. Box 509, Blountville, TN 37617

Targeted participants include the general public and schools.

Activities conducted include presentations and displays at school environmental fairs.

Enviro-line  
Sullivan East High School  
Operated in northeast Tennessee  
423-878-1925  
Sullivan East High School  
Targeted participants are the general public  
This is a toll-free environmental information line for the public to call to get details about the Region's environmental programs and activities.

Myrna Bush  
Private citizen  
423-968-1484  
Targeted participants include school age children  
She works with the Sullivan County Recycling Coordinator on recycling education events and operates the "Recycling Raccoon" mascot

Julie Mandler  
Private Citizen  
423-968-5518  
Targeted participants include school age children  
She works with the Sullivan County Recycling Coordinator with programming in schools and also operates the "Garbage Gremlin" mascot

Bristol City Schools  
423-989-5500  
The Bristol school system has programs focused on recycling and solid waste management for students. Several schools have recycling programs within the school buildings.

Kingsport City Schools  
423-229-9414  
The Kingsport school system has recycling and solid waste management programs for students of all ages. Several schools also have recycling programs for students within the buildings.

- 2. Based on the information available and your experience working in the Region, please describe outstanding needs in the area of public solid waste education. What progress has been made and what is planned? Should more be done to keep the public informed? How can the State and technical assistance agencies assist in this effort? Has the country or its Region filed an education action plan and made use of the Division of Community Assistance's Pathways to Education book?**

Sullivan County has an active solid waste education program throughout the County although not all activities come under the same umbrella. Several individuals and organizations conduct solid waste and recycling

program during the year. One need in the area of education is increased funding for programming. Perhaps one of the most important aspects of the entire solid waste management program should be education, but it often overlooked in terms of funding. Another need is to bring some uniformity to the programs that now exist. A single message delivered throughout the County is necessary to identify the need for solid waste management to all citizens. The State could assist the Region with education needs by conducting annual conferences on solid waste education only. The Region has filed a Education Action Plan and has made use of the *Pathways to Education* book.



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

- 1. Does the Region or jurisdiction within make any attempt to control the flow of waste? If yes, please explain.**

No

- 2. Does the Region foresee any outstanding issues with regard to permit review or flow control?**

No

## **Chapter 10: Five-Year Plan Update Review**

**(Public Hearing, Planning Commission review, County Commission or Part 9 Authority Review and Approval)**

- 1. Describe the required public hearing held after the Revised Plan (Five-Year Update) was completed. The meeting should be held at a central location in the Region and open to the general public. What day was the meeting held? Where? What was the level of participation? Summarize comments. Include a copy of the public notice, and indicate when and where it was published.**

The public hearing was held on March 20, 2000 at 9:00 a.m. at the Sullivan County Commission Chambers in the Sullivan County Courthouse in Blountville. The public notice was published in the Kingsport Times News and the Bristol Herald Courier. There were a few questions from county commissioners and no comments from the general public.

- 2. Local planning Commissions in the Region should be made aware of the Five-Year Update and given an opportunity to review it. Was this done? Include comments and responses.**

Yes, Planning Commission members were mailed a copy of the Update and asked to comment on the Update if so desired.

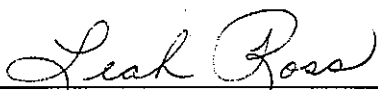
- 3. Please include a copy of a resolution from every county in the Region approving the Five-Year Plan update. The Department will not approve your plan without this documentation. If a Part 9 Authority has been formed, please include a copy of the resolution of approval from the Authority Board of Directors.**

Sullivan County Solid Waste Planning Region  
REGION NAME

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

Leah Ross

Typed Name of Chairman of the Solid Waste Planning Region



\_\_\_\_\_  
Signature of the Chairman of the Solid Waste Planning Region

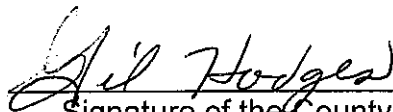
3-15-00

Date

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

Gil Hodges

Typed Name of the County Executive(s)



\_\_\_\_\_  
Signature of the County Executive(s)

03-23-00

Date

Sullivan County, Tennessee  
Board of County Commissioners

No. 17  
Administrative Committee  
2000-03-34

To the Honorable Gil Hodges, County Executive, and the Members of the Sullivan County Board of Commissioners in Regular Session this 20<sup>th</sup> day of March, 2000.

**RESOLUTION AUTHORIZING approval of five (5) year update to the Solid Waste Management Plan.**

NOW, THEREFORE BE IT RESOLVED by the Board of County Commissioners of Sullivan County, Tennessee assembled in Regular Session on the 20<sup>th</sup> day of March, 2000;

WHEREAS, the Solid Waste Management Act of 1991 requires all solid waste regions to submit and adopt a five (5) year update to the regional Solid Waste Plan; and,

WHEREAS, Sullivan County is a one-county region, and is required to submit the update by March 26, 2000; and,

WHEREAS, a five (5) year update has been prepared for Sullivan County by the First Tennessee Development District.

NOW, THEREFORE, BE IT RESOLVED that the Sullivan County Board of Commissioners approve the five (5) year update as prepared by First Tennessee Development District.

All resolutions in conflict herewith be and the same rescinded insofar as such conflict exists.

This resolution shall become effective on \_\_\_\_\_, 2000, the public welfare requiring it.

Duly passed and approved this 20 day of March, 2000.

Attested: Jeanie Hammon Date: 3/20/00 Gil Hodges Date: 3/20/00  
County Clerk County Executive

Introduced By Commissioner: Hyatt

Estimated Cost: \$ \_\_\_\_\_

Seconded By Commissioner(s): Milhorn

Fund: \_\_\_\_\_

Committee Action	Approved	Disapproved	Deferred	No Action
Administrative				
Budget				
Executive				

Commission Action	Aye	Nay	Pass	Absent	Total
Roll Call	22			2	
Voice Vote					

<sup>mag</sup>  
ATTCHMENT  
Comments:

APPROVED 03/20/00

**ATTACHMENT #1**

**Sullivan County Solid Waste/Recycling Expenditures**

Program	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Collection and Transportation</b>										
Transfer Stations	\$566,974.10	\$583,983.32	\$601,502.83	\$619,547.90	\$638,134.34	\$657,278.37	\$676,996.72	\$697,306.62	\$718,225.82	\$739,772.59
Collection and Transportation to Landfill	\$510,656.00	\$525,975.68	\$541,754.95	\$558,007.60	\$574,747.83	\$591,990.26	\$609,749.97	\$628,042.47	\$646,883.74	\$666,290.25
Capital Outlay	\$317,000.00	\$326,510.00	\$336,305.30	\$346,394.46	\$356,786.29	\$367,489.88	\$378,514.58	\$389,870.02	\$401,566.12	\$413,613.10
<b>Recycling</b>										
<i>Sullivan County</i>										
Personnel	\$306,430.90	\$315,623.83	\$325,092.54	\$334,845.32	\$344,890.68	\$355,237.40	\$365,894.52	\$376,871.36	\$388,177.50	\$399,822.83
Supplies	\$48,300.00	\$49,749.00	\$51,241.47	\$52,778.71	\$54,362.07	\$55,992.93	\$57,672.72	\$59,402.90	\$61,184.99	\$63,020.54
Education	\$45,000.00	\$46,350.00	\$47,740.50	\$49,172.71	\$50,647.89	\$52,167.32	\$53,732.33	\$55,344.30	\$57,004.62	\$58,714.75
<i>Bristol/Kingsport</i>										
Collection/Transportation/Processing	\$25,000.00	\$25,750.00	\$26,522.60	\$27,318.18	\$28,137.73	\$28,981.86	\$29,851.32	\$30,746.86	\$31,669.27	\$32,619.35
<b>Composting</b>										
Bristol Compost Plant	\$512,819.00	\$528,203.57	\$544,049.68	\$560,371.17	\$577,182.31	\$594,497.78	\$612,332.71	\$630,702.69	\$649,623.77	\$669,112.48
<b>Class IV Landfill</b>	\$183,000.00	\$188,490.00	\$194,144.70	\$199,969.04	\$205,968.11	\$212,147.15	\$218,511.56	\$225,066.91	\$231,818.92	\$238,773.49
<b>Class I Disposal</b>	\$1,800,000	\$1,854,000	\$1,909,620	\$1,966,910	\$2,025,920	\$2,086,700	\$2,149,300	\$2,213,780	\$2,280,190	\$2,348,600
<b>Brush Collection</b>	\$503,829.00	\$518,943.19	\$534,512.19	\$550,547.56	\$567,063.99	\$584,075.97	\$601,598.19	\$619,646.14	\$638,235.52	\$657,382.59
<b>Engineering</b>	\$77,126.00	\$79,439.78	\$81,822.97	\$84,277.66	\$86,805.99	\$89,410.17	\$92,092.48	\$94,855.25	\$97,700.91	\$100,631.94
<b>TOTAL</b>	\$4,896,135.00	\$5,043,018.37	\$5,194,309.73	\$5,350,140.31	\$5,510,647.23	\$5,675,969.09	\$5,846,246.38	\$6,021,635.52	\$6,202,281.18	\$6,388,353.91

**Sullivan County Solid Waste/Recycling Revenues**

Program	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Taxes	\$2,746,735.00	\$2,829,136.37	\$2,913,911.27	\$3,001,329.91	\$3,045,789.45	\$3,137,165.69	\$3,231,278.90	\$3,328,219.26	\$3,428,062.45	\$3,530,908.71
Tipping Fees	\$1,350,000	\$1,390,500.00	\$1,432,215.00	\$1,475,181.45	\$1,565,019.99	\$1,611,970.58	\$1,660,329.69	\$1,710,139.58	\$1,761,443.76	\$1,814,287.07
Sale of Recyc.	\$65,000.00	\$66,950.00	\$68,958.50	\$71,027.25	\$73,158.06	\$75,352.80	\$77,613.38	\$79,941.78	\$82,340.03	\$84,810.23
Litter Grant	\$18,300.00	\$18,849.00	\$19,414.47	\$19,996.90	\$20,596.80	\$21,214.70	\$21,851.14	\$22,506.67	\$23,181.87	\$23,877.32
Other Grants	\$5,100.00	\$5,253.00	\$5,510.59	\$5,675.91	\$5,846.19	\$6,021.57	\$6,202.22	\$6,388.06	\$6,579.70	\$6,777.09
Solid Waste Fees	\$585,000.00	\$602,550.00	\$620,626.50	\$639,245.29	\$658,422.64	\$678,175.32	\$698,520.57	\$719,476.18	\$741,060.46	\$763,292.27
Class IV Tipping Fees	\$100,000.00	\$103,000.00	\$106,090.00	\$109,272.70	\$112,550.88	\$115,927.32	\$119,405.14	\$122,987.29	\$126,676.91	\$130,477.22
Compost Sales	\$26,000.00	\$26,780.00	\$27,583.40	\$28,410.90	\$29,263.22	\$30,141.11	\$31,045.34	\$31,976.70	\$32,936.00	\$33,924.00
<b>TOTAL</b>	<b>\$4,896,135.00</b>	<b>\$5,043,018.37</b>	<b>\$5,194,309.73</b>	<b>\$5,350,140.31</b>	<b>\$5,510,647.23</b>	<b>\$5,675,969.09</b>	<b>\$5,846,246.38</b>	<b>\$6,021,635.52</b>	<b>\$6,202,281.18</b>	<b>\$6,388,353.91</b>