May 17, 2000

Ms. Leah B. Ross, Chairperson
Sullivan County Solid Waste Planning Board
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 C. 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
May 12, 2000

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

Dear Mr. Knight,

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

**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.

**Waste Stream**

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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.

**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.
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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.

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P.O. Box 511
Kingsport, TN 37662
Approximately 10,000 tons per year is disposed of in the facility

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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
DATE: 4-12-00
TO: File
FROM: Bill K.

SUBJECT: Sullivan Co. 5 Yr. Update Review

Spoke with Chris Brauj (first to deliver draft) 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 mile" area. Chris says all 3 cities have door-to-door collection provided by the respective city and that many 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 me back (new threats) and 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 battleship III-IV landfill which will be closed in 3 yrs.
April 12, 2000

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

Dear Ms. Ross:

Thank you for submitting the Five-Year Update to the Sullivan County MSW Region’s Ten-Year Solid Waste Plan. The plan’s update has been reviewed and, while most of the information provided is complete and adequate, there are some items requiring additional information or clarification. The following comments are based upon this review and other relevant documents and requirements:

General Information

- 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
in the region, does the county have any plans to increase the number of convenience centers?

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*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.**

- Chapter 6.3 evaluates regional waste disposal assurance. **With only a three (3) year life remaining at the Bristol Class IV Landfill, the county must consider options to replace this capacity. The region’s solid waste plan must provide for disposal assurance over the ten-year planning horizon.**

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,

[Signature]

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
March 24, 2000

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

Dear Mr. Graham,

Enclosed is the original and two copies of the Sullivan County Regional Solid Waste Plan 5 Year Update. If you have any questions about the Update, please feel free to call me.

Sincerely,

Christopher L. Craig  
Director of Environmental Programs
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]
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]
Signature of the County Executive(s)

03-23-00
Date
To the Honorable Gil Hodges, County Executive, and the Members of the Sullivan County Board of Commissioners in Regular Session this 20th 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 20th 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 __________ day of __________, 2000.

Attentive: ____________________________ Date: ____________
County Clerk

Date: ____________
County Executive

Introducéd By Commissioner: Hyatt

Seconded By Commissioner(s): Milhorn

Estimated Cost: $________

Fund: __________

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ATTACHMENT APPROVED 03/20/00
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,

[Signature]

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.
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,

[Signature]

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

SULLIVAN COUNTY

State of Tennessee
Department of Environment and Conservation
Division of Community Assistance
Ron Graham, Director
8th 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. 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)? ____________
   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 “5YrUpdlnmerr,” 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 _____ 7/1/00 _____ Reviewer’s initials _____
Log-in completion date and give working copy of report to Bob. Leave original copy in the permanent file.
May 17, 2000

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

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

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[Signature]

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Waste Reduction Section

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Director of Environmental Programs
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Chairman
April 12, 2000

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Sincerely,

[Signature]

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
TELEPHONE/MEETING RECORD

DATE: 4-12-00
TO: File
FROM: LRK
SUBJECT: Sullivan Co. - 5Yr. Update Review

Apple of Chris Pratt (First In Her Unit) who prepared update, re: questions listed in the "Comments letter" sent to the region this date.

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# Table of Contents

**Introduction**

**Chapter 1**  Summary

**Chapter 2**  General Information about the Region (includes Budget info)

**Chapter 3**  Waste Stream (Characterization of Total Disposed Tonnage, 25% Reduction and Diversion Analysis, Description of Reduction and Diversion Program)

**Chapter 4**  Collection and Transportation (House-to-House Service, Convenience Centers, and Green Boxes)

**Chapter 5**  Recycling (Reduction Programs, Processing And Composting Facilities)

**Chapter 6**  Disposal (Landfills, Incinerators, Waste-to-Energy Facilities, Transfer Stations, and Waste Imports and Exports)

**Chapter 7**  Problem Wastes (Household Hazardous Wastes, Waste Tires, Waste Oil, Automotive Fluids, Lead Acid Batteries)

**Chapter 8**  Solid Waste Education

**Chapter 9**  Flow Control and Permit Review

**Chapter 10**  Five-Year Plan Update Review and Approval (Public Hearing, Planning Commission Review, Local Government Review And Approval)
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 248,897.41 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 4,580 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.

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<tr>
<td>Develop Class IV Disposal in Bristol area</td>
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<td>Expand # of Recycling Drop-off sites</td>
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Source Reduction(6%)  Unmanaged Waste(.4%)

MSW generated 248,697.41  Landfilled(73.6%)

Recycling(2%)  Diversion(18%)
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.

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<td>6 yr</td>
<td>11/00</td>
<td>County Exec./County Comm.</td>
<td>Sullivan Co.</td>
</tr>
<tr>
<td>Jack Hurbert</td>
<td>6 yr</td>
<td>2/04</td>
<td>County Exec./County Comm.</td>
<td>Sullivan Co.</td>
</tr>
<tr>
<td>Roy Settle</td>
<td>6 yr</td>
<td>2/04</td>
<td>County Exec./County Comm.</td>
<td>Sullivan Co.</td>
</tr>
<tr>
<td>Bill Sorah</td>
<td>6 yr</td>
<td>3/02</td>
<td>Mayor/City Council</td>
<td>Bristol</td>
</tr>
<tr>
<td>Virginia Talbert</td>
<td>6 yr</td>
<td>3/05</td>
<td>Mayor/City Council</td>
<td>Bluff City</td>
</tr>
<tr>
<td>Dan Wankel</td>
<td>interim</td>
<td></td>
<td></td>
<td>Kingsport</td>
</tr>
</tbody>
</table>

   - 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.

<table>
<thead>
<tr>
<th>City/Town Name</th>
<th>County</th>
<th>1998 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kingsport</td>
<td>Sullivan</td>
<td>41,335</td>
</tr>
<tr>
<td>Bristol</td>
<td>Sullivan</td>
<td>23,275</td>
</tr>
<tr>
<td>Bluff City</td>
<td>Sullivan</td>
<td>1,410</td>
</tr>
</tbody>
</table>

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  85%  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  1%  White Goods  0%
   (Class IV)  
   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 area's 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 workforce 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 Region's 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 ongoing 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.
For more information regarding existing and projected year figures for your Region, please see the lists of recorded for 1989 and reported for 1995, attached 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.

<table>
<thead>
<tr>
<th>Service</th>
<th>Available to</th>
<th>Paid for by</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Convenience Centers</td>
<td>All county residents</td>
<td>Resident pays tipping fee</td>
<td>Bristol and Kingsport Convenience Centers</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Kingsport res.</td>
<td>Local Government</td>
<td>All residents of Kingsport</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Bristol res.</td>
<td>Local Government</td>
<td>Door-to-door in City of Bristol</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Bluff City res.</td>
<td>Local Government</td>
<td>Door-to-door</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>County res.</td>
<td>Individual Resident</td>
<td>Subscription Service</td>
</tr>
</tbody>
</table>

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 composites 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.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>County</th>
<th>Items Collected</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warrior's Path Fire Station</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Blountville Middle School</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Sullivan Garden Middle School</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Bluff City Park</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>White's Food Center</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Kingsport Conv. Ctr.</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Kingsport (curbside)</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Door-to-door collection</td>
</tr>
<tr>
<td>Holston Valley Middle School</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Kingsport Civic Auditorium</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Indian Springs Elem. School</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Piney Flats Fire Station</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Bristol Conv. Ctr.</td>
<td>Sullivan</td>
<td>paper, glass, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Bristol TN High School</td>
<td>Sullivan</td>
<td>paper, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Holston View Elem. School</td>
<td>Sullivan</td>
<td>paper, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Avoca Elem. School</td>
<td>Sullivan</td>
<td>paper, Plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Elementary School</td>
<td>Sullivan</td>
<td>Recycling Materials</td>
<td>Drop-off Center</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>----------</td>
<td>---------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Central Elem. School</td>
<td>Sullivan</td>
<td>paper, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Vance Middle School</td>
<td>Sullivan</td>
<td>paper, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Fairmont Middle School</td>
<td>Sullivan</td>
<td>paper, plastic, metal</td>
<td>Drop-off center</td>
</tr>
<tr>
<td>Haynesfield Elem. School</td>
<td>Sullivan</td>
<td>paper, metal, plas.</td>
<td>Drop-off center</td>
</tr>
</tbody>
</table>
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 820000022
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.

<table>
<thead>
<tr>
<th>Exported to: Count/Region/State</th>
<th>Exported to: Facility and Owner</th>
<th>Estimated Tonnage from Region to Class I Landfills</th>
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<tr>
<td>Hawkins County</td>
<td>Carter's Valley Landfill - BFI</td>
<td>68,692.09 tons</td>
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<tr>
<td>Washington County, TN</td>
<td>Iris Glen - Waste Mgmt.</td>
<td>97,013.28 tons</td>
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<tr>
<td>Washington County, VA</td>
<td>Bristol, VA Landfill</td>
<td>15,354.04 tons</td>
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<table>
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<tr>
<th>Imported from: County/Region/St</th>
<th>Imported to: Facility Name and Owner</th>
<th>Estimated Tonnage of Imported Class I Waste Disposed in the facility</th>
</tr>
</thead>
<tbody>
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22
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.)
- Date Center Opened
- Disposal Contractor (Name Phone No.)
- Collection Center Owner
- Days and Hours of Operation
- Service Available to
- 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 American 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]
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]
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 20th 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 20th 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 ______ day of March, 2000.

[Signature]
County Clerk

[Signature]
County Executive

Introduced By Commissioner: Hyatt
Seconded By Commissioner(s): Milhorn

Estimated Cost: $

Fund:

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ATTACHMENT
APPROVED 03/20/00

Comments:

Last printed: 3/6/00 9:37 AM
ATTACHMENT #1
### Sullivan County Solid Waste/Recycling Expenditures

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