



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

July 27, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region 23
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the needed certification of approval by the Roane County Commission for the 5-year update to the 10-year solid waste plan. With this approval from the Roane County legislative body, the revision stands approved.

If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,

A handwritten signature in cursive script that reads "Rebecca Gorham".

Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Ms. Margaret Hughes, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

July 18, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region 73
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

Thank you for your correspondence addressing comments on the update to the municipal solid waste plan for the Roane County Municipal Solid Waste Region.

You provided information that the Roane County Solid Waste Authority disbanded in May of 2000. If no such authority exists, TCA 68-211-815(b)(15) requires a certification of the county legislative body that they have reviewed and approved of the region's plan and/or revised plan. Since several additions have been made to the revision of the solid waste plan since the first draft that was emailed to this office in April of 2000, it is recommended that a complete package be prepared and presented to the Roane County Commission for review and approval. With this approval from the Roane County legislative body, the revision will stand approved.

Certification of approval by the Roane County legislative body should reach this office not later than September 18, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,

Rebecca Gorham,
Waste Reduction Section

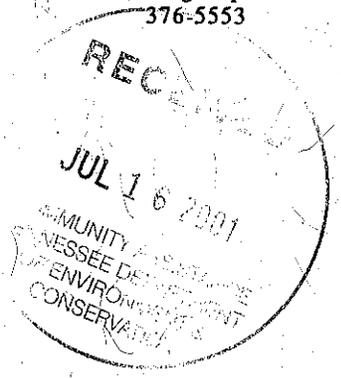
Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator

Executive Offices
376-5578
FAX (423) 376-4318

73

Accounting Department
376-5553

**Office of the County Executive
Roane County Courthouse
Kingston, Tennessee 37763**



Date: July 9, 2001

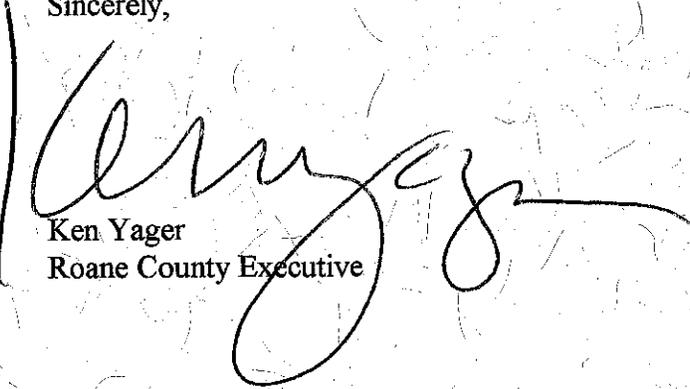
To: Mr. Ron Graham
Director
Division of Community Assistance
TDEC
8th Floor, L&C Tower
401 Church Street
Nashville, TN 37243-0455

Dear Mr. Graham,

Enclosed is the requested information to complete the review process of the 5-Year Update to the 10-Year Regional Solid Waste Plan for Roane County.

Please do not hesitate to contact me if you have any further questions or concerns.

Sincerely,


Ken Yager
Roane County Executive





STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

March 5, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the fax from Mr. Patrick Guettner addressing the comments made in our letter dated October 18, 2000. The following items continue to need additional attention:

1. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in Chapter 2 of the guidelines for preparing the 5-year update.
 - a. **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 new fees or revenues are needed or anticipated?**
 - b. **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?**
2. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.

Item 1.a.

Budgets for solid waste services of each municipality and the County are attached for the fiscal year 1998/99, as required for the 5-Year Update to the Roane County Solid Waste Region Plan. Also, a revised 10-year solid waste budget for the Region of Roane County is attached. A discussion of the description of costs and revenues for each jurisdiction is presented below.

Roane County:

From the copy of the attached budget, it can be determined that a combination of solid waste grants, recyclables sales and general fund appropriations make up the source of revenues for the solid waste budget in the County. Primarily, expenditures cover the operation of the convenience centers and disposal fee of the waste collected at the centers, operation of the Recycling Center and post-closure costs of the County sanitary landfill. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Harriman:

From the attached budget, revenues are primarily from charges for collection services and property taxes. Expenditures cover both operations of residential and commercial solid waste and the drop-off recycling program. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Rockwood:

From the attached budget, a combination of refuse collection fees from residents and businesses comprise the revenues. The majority of revenues come from fees. Expenditures cover the direct solid waste collection service for residents and businesses. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Oliver Springs:

From the attached budget, revenues are acquired from property taxes. Primarily expenditures provide direct solid waste collection service for residents and businesses. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Kingston:

From the attached budget, a combination of property tax and commercial collection fees comprise the revenues to support solid waste collection in the City. The majority of the revenues is from property taxes. Primarily, expenditures cover the operation of the solid waste collection services for city residents. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

Item 1.b.

All jurisdictions in the Region use uniform financial accounting methods, and account for solid waste activities with a named designated special revenue fund. There are no publicly operating Class I landfills in the Region. Therefore, no enterprise fund is necessary for the Region.

Item 2.

The Roane County Solid Waste Authority disbanded May 10, 2000. Supporting documentation is attached.

Item 7.

The Roane County Solid Waste Coordinator presently is:

Margaret Hughes
Roane County Recycling Center
215 White Pine Road
Harriman, TN 37748
(865) 590-7779
(865) 590-1251

- a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**

7. Please update information in Chapter 5 relating to Roane County Solid Waste Manager.

The information requested above should reach this office not later than June 5, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator



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

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL

June 14, 2001

Ms. Nancy Lee, Chairperson
Roane Co. Municipal SW Planning Region 93
223 Michael Drive
Rockwood, TN 37854

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

Dear Ms. Lee:

The Department of Environment and Conservation has not received a reply to the comments due on June 5, 2001 concerning the Five-Year Update to the Ten-Year Solid Waste Plan for the Roane County Solid Waste Planning Region.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Milton H. Hamilton, Jr.", written over a printed name.

Milton H. Hamilton, Jr.

MHH:RLG:RPG

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant
Mr. Mark Penland, Knoxville Environmental Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

March 5, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region ~~99~~
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the fax from Mr. Patrick Guettner addressing the comments made in our letter dated October 18, 2000. The following items continue to need additional attention:

1. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in Chapter 2 of the guidelines for preparing the 5-year update.
 - a. **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 new fees or revenues are needed or anticipated?**
 - b. **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?**
2. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.

- a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**

7. Please update information in Chapter 5 relating to Roane County Solid Waste Manager.

The information requested above should reach this office not later than June 5, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

October 18, 2000

Ms. Nancy Lee, Chairman

~~Roane County~~ Municipal Solid Waste Planning Region ~~93~~
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

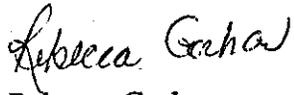
We have reviewed the draft copy of the ten-year plan revision faxed to us for Roane County MSW Region. The draft provided a good deal of information toward a plan for the Region. The following items need additional attention:

1. TCA 68-211-815(b)(2)(C) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of **disposal capability**, including an analysis of the remaining life expectancy of landfills or other disposal facilities.
 - a. While the Region can not control many factors relating to landfills outside the region, the life expectancy of each landfill in the state is reported by the Division of Solid Waste Management in the Department of Environment and Conservation. The Region can review this information periodically to be aware of any upcoming limitations in disposal capacity. A copy of the Life Remaining Survey of Class I Landfill Sites in Tennessee for 2000 is enclosed. According to the survey, Chestnut Ridge landfill only has 6 years and 6 months remaining. Rhea County landfill has 10 years and 10 months. **A discussion of limitations due to life expectancy needs to be included.**
2. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in numbers 11 and 13 of Chapter 2 of the guidelines for preparing the 5-year update. An additional copy of the guidelines is enclosed.

3. TCA 68-211-815(b)(5) and (6) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include **anticipated waste capacity needs, planned capacity assurance**, including descriptions of planned or needed facilities.
 - a. In Chapter 3, numbers 5 and 6 you identify anticipated growth in the Region. **How is this growth expected to impact solid waste management and how is the Region prepared to handle the growth?**
4. TCA 68-211-815(b)(2)(C) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a plan for the disposal of **household hazardous waste**.
 - a. Comments in chapter 7, number 3, indicate the need for a permanent collection facility. **Please provide more details of how the Region plans to meet this requirement. (i.e. will the Region continue to rely on the state's Household Hazardous Waste Program to meet this requirement?)**
5. TCA 68-211-815(b)(11) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a description of **education initiatives** aimed at businesses, industries, schools, citizens and others, which addresses recycling, waste reduction, collection and other goals of this part.
 - a. In Chapter 8, you identify a Keep Roane Beautiful program and the Roane County Recycling Center as providing solid waste education for the Region. A limited description of the programs is provided. **Please include more details such as the successes and level of participation in these programs.**
6. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.
 - a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**
7. In Chapter 3 on waste stream, you identify at least 50 illegal dumps. **Identify needs and plans to address this problem?**
8. **Please update information in Chapter 5 relating to Roane County Solid Waste Coordinator.**

The information requested above should reach this office not later than January 18, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

May 1, 2000

Ms. Nancy Lee
Chairperson
Roane Co. Municipal SW Planning Region
223 Michael Drive
Rockwood, TN 37854

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

Dear Ms. Lee:

We have received a Five-year Update to the Roane Co. Municipal SW Planning Region SW Region Ten-year Solid Waste Plan, submitted by Ms. Dena Rue, Solid Waste Coordinator. According to our records, your Revised Plan was due to be submitted by December 1, 1999, and you received a Commissioner's Warning letter regarding non-submittal, dated January 6, 2000. We received the referenced revised plan on April 4, 2000. Division staff will review the plan 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

Ron Graham
Director

RG:klg

C: Commissioner Milton Hamilton, Jr.
The Honorable Ken Yager, Roane County Executive
Ms. Dena Rue, Solid Waste Coordinator, Roane County
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Mark Penland, Coordinator, Knoxville Environmental Assistance Center



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

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL

January 6, 2000

Ms. Nancy Lee
Chairperson, Roane Co. Municipal SW Planning Region
223 Michael Drive
Rockwood, TN 37854

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

Dear Ms. Lee:

The Department of Environment and Conservation has not received the Solid Waste Planning Region Five-Year Update Report for the Roane County Solid Waste Planning Region. The Solid Waste Management Act of 1991 [T.C.A. 68-211-814 (2)] requires that these reports be revised every five years after the plan's initial approval. The Roane County report was due to the Division of Community Assistance on December 1, 1999.

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

I am certain that the Roane County Solid Waste Planning Region will give these issues the serious consideration that is warranted. If you need additional information, please feel to contact Karen Grubbs, with the Division of Community Assistance, at 615-532-0463.

Sincerely,


Milton H. Hamilton, Jr.

MHH:RLG:klg

cc: The Honorable Ken Yager, Roane County Executive
Ms. Dena Rue, Roane County Solid Waste Director
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTA



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

September 3, 1999

Ms. Nancy Lee
Chairperson
Roane Co. Municipal SW Planning Region
223 Michael Drive
Rockwood, TN 37854

RE: Five-year Update to Ten-year Solid Waste Plan
Roane County SW Region
Region Member(s): Roane
Report Due — December 1, 1999

Dear Ms. Lee:

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 Roane County Region's Ten-year plan was approved on December 1, 1994; therefore, your Five-year update report is due to this office by **December 1, 1999**.

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 report was due by September 30, 1992, with revisions due by April 1, 1999 and every five years after that. The Needs Assessment report for your region has not been received. Please contact Mr. Bob Freeman with the East TN Development District to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

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 Mr. Mark McAdoo with DCA at 615-532-4967.

Sincerely,

Ron Graham

Ron Graham
Director

RG: klg

C: The Honorable Ken Yager, Roane County Executive
Ms. Dena Rue, Solid Waste Coordinator, Roane County
Mr. Bob Freeman, Executive Director, East TN Development District
Mr. Mitch Loomis, , East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS-ET
Mr. Phil Chambers, Manager, Knoxville Environmental Assistance Center



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

July 27, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region 73
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the needed certification of approval by the Roane County Commission for the 5-year update to the 10-year solid waste plan. With this approval from the Roane County legislative body, the revision stands approved.

If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,

Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Ms. Margaret Hughes, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator

FROM :

FAX NO. : 8655901251

Jul. 26 2001 03:59PM P2

RESOLUTION # 05-00-01

WHEREAS, the Roane County Municipal Solid Waste Plan was adopted in 1994 by Roane County in accordance with the Solid Waste Act of 1991,

WHEREAS, goals as set forth by the Solid Waste Act of 1991 are being met through implementation of the Roane County Municipal Solid Waste Plan;

WHEREAS, the Roane County Solid Waste Regional Plan has been updated in accordance with State Law;

Now Therefore it is resolved that: The Roane County Commission does formally approve the Five year update to the Roane County Municipal Solid Waste Plan.

SECTION 1. All resolutions in conflict herewith be and the same are repealed insofar as such conflict exists.

SECTION 2. This resolution shall become effective upon passage, the public welfare requiring it.

UPON MOTION of Commissioner EAST, seconded by Commissioner OLSEN
MOTION TO ADOPT PASSED UPON VOICE VOTE.

the following commissioners voted Aye:

the following commissioners voted No:

the following commissioners passed:

THEREUPON, the County Chairman announced to the commission that said resolution had received a constitutional majority and ordered same spread of record.

APPROVED:

Uma Coffman
County Chairman

The foregoing resolution was submitted to the County Executive for his consideration this 10th day of May, 2000.

ATTESTED:

Dorothy M. Marshall for
County Clerk

Approve

veto the foregoing resolution this the 10th day of May

Kerrygoz
County Executive

SUBMITTED BY THE COUNTY EXECUTIVE Kerrygoz

TO	DATE

TELEPHONE/MEETING RECORD

DATE: 7/26/01

TO: File

FROM: Margaret Hughes 865-590-7779

SUBJECT: Phone message (voice mail)

New SW Dir for Poane Co.

Mr. Bitner is no longer w/ them

Will have certification by 9/18/01



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

July 18, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region 73
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

Thank you for your correspondence addressing comments on the update to the municipal solid waste plan for the Roane County Municipal Solid Waste Region.

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Certification of approval by the Roane County legislative body should reach this office not later than September 18, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,

Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
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DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

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COMMISSIONER

CERTIFIED MAIL

June 14, 2001

Ms. Nancy Lee, Chairperson
Roane Co. Municipal SW Planning Region 73
223 Michael Drive
Rockwood, TN 37854

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

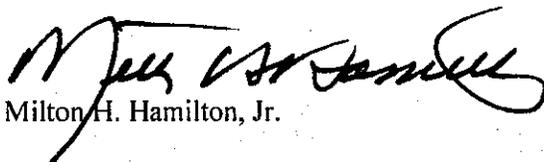
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I am certain that the Roane County Solid Waste Planning Region will give these issues the serious consideration that is warranted. If you need additional information, please contact Louis Bordenave with the Division of Community Assistance, at 615-532-0095.

Sincerely,



Milton H. Hamilton, Jr.

MHH:RLG:RPG

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant
Mr. Mark Penland, Knoxville Environmental Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

March 5, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

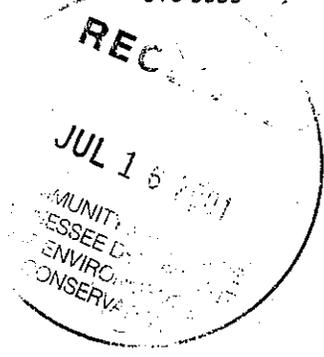
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1. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in Chapter 2 of the guidelines for preparing the 5-year update.
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Executive Offices
376-5578
FAX (423) 376-4318

Accounting Department
376-5553

Office of the County Executive
Roane County Courthouse
Kingston, Tennessee 37763



Date: July 9, 2001

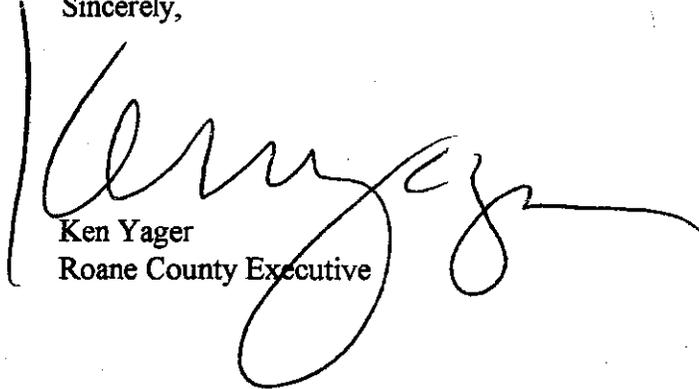
To: Mr. Ron Graham
Director
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TDEC
8th Floor, L&C Tower
401 Church Street
Nashville, TN 37243-0455

Dear Mr. Graham,

Enclosed is the requested information to complete the review process of the 5-Year Update to the 10-Year Regional Solid Waste Plan for Roane County.

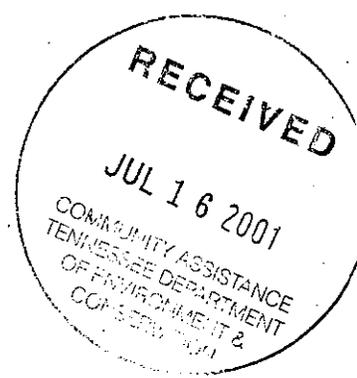
Please do not hesitate to contact me if you have any further questions or concerns.

Sincerely,



Ken Yager
Roane County Executive





STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

March 5, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the fax from Mr. Patrick Guettner addressing the comments made in our letter dated October 18, 2000. The following items continue to need additional attention:

1. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in Chapter 2 of the guidelines for preparing the 5-year update.
 - a. **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 new fees or revenues are needed or anticipated?**
 - b. **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?**
2. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.

Item 1.a.

Budgets for solid waste services of each municipality and the County are attached for the fiscal year 1998/99, as required for the 5-Year Update to the Roane County Solid Waste Region Plan. Also, a revised 10-year solid waste budget for the Region of Roane County is attached. A discussion of the description of costs and revenues for each jurisdiction is presented below.

Roane County:

From the copy of the attached budget, it can be determined that a combination of solid waste grants, recyclables sales and general fund appropriations make up the source of revenues for the solid waste budget in the County. Primarily, expenditures cover the operation of the convenience centers and disposal fee of the waste collected at the centers, operation of the Recycling Center and post-closure costs of the County sanitary landfill. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Harriman:

From the attached budget, revenues are primarily from charges for collection services and property taxes. Expenditures cover both operations of residential and commercial solid waste and the drop-off recycling program. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Rockwood:

From the attached budget, a combination of refuse collection fees from residents and businesses comprise the revenues. The majority of revenues come from fees. Expenditures cover the direct solid waste collection service for residents and businesses. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Oliver Springs:

From the attached budget, revenues are acquired from property taxes. Primarily expenditures provide direct solid waste collection service for residents and businesses. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

City of Kingston:

From the attached budget, a combination of property tax and commercial collection fees comprise the revenues to support solid waste collection in the City. The majority of the revenues is from property taxes. Primarily, expenditures cover the operation of the solid waste collection services for city residents. The current system is satisfactory. Revenues are meeting costs. No new expenses, fees or revenues are anticipated.

Item 1.b.

All jurisdictions in the Region use uniform financial accounting methods, and account for solid waste activities with a named designated special revenue fund. There are no publicly operating Class I landfills in the Region. Therefore, no enterprise fund is necessary for the Region.

Item 2.

The Roane County Solid Waste Authority disbanded May 10, 2000. Supporting documentation is attached.

Item 7.

The Roane County Solid Waste Coordinator presently is:

Margaret Hughes
Roane County Recycling Center
215 White Pine Road
Harriman, TN 37748
(865) 590-7779
(865) 590-1251

- a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**

7. Please update information in Chapter 5 relating to Roane County Solid Waste Manager.

The information requested above should reach this office not later than June 5, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator

SANITATION FUND - EXPENDITURES

Fund 116 - Fiscal Year Ending June 30, 1999

EXPENDITURES	Actual 1996-97	Estimated 1997-98	Estimated 1998-99
55732 Convenience Centers	5,579.00	5,579.00	5,579.00
141 Foreman	2,207.00	2,207.00	2,207.00
162 Clerical Personnel	0.00	0.00	116,100.00
169 Part-time Personnel	3,239.50	1,600.00	1,600.00
187 Overtime Pay	72,200.82	101,500.00	0.00
188 Temporary/Part-Time	75,065.90	54,388.63	49,500.00
189 Other Salaries & Wages	11,962.75	12,517.98	13,500.00
201 Social Security	2,123.31	1,515.01	1,850.00
204 State Retirement	93.28	56.84	60.00
206 Employee Insurance - Life	12,042.89	8,033.33	8,700.00
207 Employee Insurance - Health	1,279.60	888.00	800.00
208 Employee Insurance - Dental	5.00	0.00	0.00
302 Advertising	4,838.63	5,050.69	4,360.00
307 Communication	327,066.81	275,313.43	275,000.00
312 Contracts with Private Agencies	708.00	0.00	0.00
320 Dues & Memberships	475.80	1,012.22	2,000.00
335 Maint/Repair/Building	511.00	1,063.06	2,000.00
336 Maint/Repair/Equipment	911.84	452.56	500.00
338 Maint/Repair/Vehicles	383.85	487.38	350.00
348 Postal Charges	747.08	0.00	0.00
355 Travel	108,589.91	164,136.74	155,000.00
359 Disposal Fees	8,820.00	8,490.00	11,300.00
399 Other Contracted Services	0.00	375.20	0.00
399-HWY Other Contracted Services	1,463.85	2,311.77	2,000.00
409 Crushed Stone	6,021.47	6,488.73	7,000.00
415 Electricity	617.23	299.95	500.00
420 Fertilizer, Lime, & Chemicals	144.38	83.44	200.00
425 Gasoline	99.00	0.00	0.00
432 Library Books	2,500.00	0.00	6,000.00
436 Other Road Materials	0.00	0.00	0.00
437 Periodicals	441.70	230.00	1,000.00
443 Road Signs	132.00	144.00	180.00
454 Water & Sewer	714.99	310.92	500.00
499 Other Supplies and Materials	2,500.00	2,500.00	2,500.00
506 Liability Insurance	8,265.68	8,861.43	11,000.00
510 Trustee's Commission	12,190.00	7,578.00	12,500.00
513 Workman's Comp. Insurance	0.00	598.90	0.00
516 Other Self-Insured Claims	2,499.48	924.17	2,000.00
599 Other Charges	0.00	331.00	0.00
709 Data Processing Equipment	696.13	0.00	1,000.00
790 Other Equipment	63,437.00	25,625.08	15,000.00
799 Capital Outlay			
TOTAL CONVENIENCE CENTERS	740,574.89	700,954.46	711,786.00

RECYCLING FUND — EXPENDITURES

Fund 123 — Fiscal Year Ending June 30, 1999

EXPENDITURES		Actual 1996-97	Estimated 1997-98	Estimated 1998-99
65751	Recycling Center	0.00	19,560.50	32,710.00
189	Other Salaries & Wages	0.00	100.00	0.00
195	In-Service Training	0.00	1,328.58	2,510.00
201	Social Security	0.00	506.82	1,030.00
204	State Retirement	0.00	19.72	30.00
206	Life Insurance	0.00	2,512.20	4,350.00
207	Medical Insurance	0.00	260.48	450.00
208	Dental Insurance	0.00	200.00	0.00
302	Advertising	0.00	814.15	1,500.00
302-OilGt	Advertising	0.00	1,216.79	1,800.00
307	Communication	0.00	6,792.66	16,260.00
312	Contracts with Private Agencies	0.00	0.00	4,000.00
312-Mdunn	Contracts with Private Agencies	0.00	708.00	850.00
320	Dues & Memberships	0.00	130.02	0.00
334	Maintenance Agreements	0.00	1,610.58	1,000.00
335	Maint/Repair/Buildings	0.00	4,687.91	2,000.00
336	Maint/Repair/Equipment	0.00	2,934.81	500.00
336	Maint/Repair/Vehicles	0.00	674.87	1,000.00
349	Printing, Stationery, Forms	4,031.45	35.00	0.00
353	Tow-In Service	0.00	1,008.50	0.00
359	Disposal Fees	0.00	28,668.12	33,000.00
359-Tires	Disposal Fees	19,207.34	688.00	1,000.00
399-MISC	Other Contracted Services	0.00	4,411.69	2,000.00
409	Crushed Stone	0.00	778.99	2,400.00
412	Diesel Fuel	0.00	3,261.16	6,375.00
415	Electricity	0.00	503.76	800.00
422	Food Supplies	0.00	293.95	0.00
425	Gasoline	0.00	0.00	0.00
432	Library Books	0.00	0.00	140.00
437	Periodicals	0.00	64.84	0.00
438	Pipe	0.00	29.56	0.00
442	Propane Gas	0.00	682.00	300.00
443	Road Signs	205.51	247.00	0.00
451	Uniforms	0.00	710.36	0.00
452	Utilities	0.00	722.84	720.00
454	Water & Sewer	0.00	0.00	4,500.00
506	Liability Insurance	0.00	1,255.96	4,200.00
510	Trustee's Commission	707.77	0.00	2,150.00
511	Vehicle & Equipment Insurance	1,312.00	1,514.00	1,500.00
513	Worker's Comp. Insurance	0.00	7,194.71	1,000.00
599	Other Charges	6,930.00	507.79	0.00
599-OilGt	Other Charges	0.00	0.00	0.00
606	Other Debt Issuance Charges	0.00	7,898.90	0.00
706	Building Construction	396,210.70	10,137.32	0.00
706-Store	Building Construction	0.00	7,711.40	700.00
709	Data Processing Equipment	0.00	100,817.57	0.00
720	Plant Operation Equipment	84,016.00	19,794.13	0.00
720-OilGt	Plant Operation Equipment	0.00	0.00	21,595.00
790	Other Equipment	520.00	0.00	
TOTAL RECYCLING CENTER		513,140.77	242,995.64	152,370.00

RECYCLING FUND — EXPENDITURES

Fund 123 — Fiscal Year Ending June 30, 1999

EXPENDITURES	Actual 1996-97	Estimated 1997-98	Estimated 1998-99
99100 Operating Transfers			
590 Transfers to Other Funds	6,746.96	62,869.91	0.00
TOTAL OPERATING TRANSFERS	6,746.96	62,869.91	0.00
TOTAL EXPENDITURES & TRANSFERS	519,887.73	305,865.55	152,370.00
35110 Designated for Purpose 1	100,000.00	100,000.00	100,000.00
TOTAL RESERVES	100,000.00	100,000.00	100,000.00
Adjustments	100,185.20	0.44	0.00
39000 End. Undesignated Fund Balance	62,670.00	28,296.00	29,277.00

SANITATION FUND - REVENUE

Fund 116 - Fiscal Year Ending June 30, 1999

REVENUE		Actual 1996-97	Estimated 1997-98	Estimated 1998-99
40110	Property Tax	217,376.17	241,636.91	243,000.00
40120	Trustee's Collections - Prior Year	8,051.52	7,445.78	7,500.00
40130	Clerk & Master's Coll. - Prior Year	14,440.00	11,790.50	13,000.00
40140	Interest & Penalty	1,555.76	1,265.78	1,300.00
40210	Local Option Sales Tax	320,348.36	370,019.59	0.00
40320	Bank Excise Tax	3,751.80	3,150.71	0.00
TOTAL PROPERTY TAX		565,523.61	635,309.27	264,800.00
43190	Other General Service Charges	28.00	0.00	0.00
44145	Sale of Recycled Materials	3,583.40	0.00	0.00
TOTAL RECURRING ITEMS		3,611.40	0.00	0.00
46851	State Revenue Sharing - TVA	0.00	0.00	415,000.00
46980	Other State Grants	20,495.14	0.00	0.00
TOTAL OTHER STATE GRANTS		20,495.14	0.00	415,000.00
Total Revenues		589,630.15	635,309.27	679,800.00
35110	Designated for Purpose 1	200,000.00	200,000.00	200,000.00
39000	Beg. Undesignated Fund Balance	329,207.00	178,514.26	109,082.07
TOTAL AVAILABLE FUNDS		1,118,837.15	1,013,823.53	988,882.07

**CITY OF KINGSTON, TENNESSEE
WASTE MANAGEMENT FUND
STATEMENT OF REVENUES, EXPENDITURES AND
CHANGES IN FUND BALANCE BUDGET AND ACTUAL
FOR THE YEAR ENDED JUNE 30, 1999**

	↓ <u>BUDGET</u>	<u>ACTUAL</u>	<u>VARIANCE FAVORABLE (UNFAVORABLE)</u>
REVENUES			
Garbage Tip Fees	\$ 110,000	\$ 116,244	\$ 6,244
Other Income - General Fund	26,600	0	(26,600)
Total Revenues	<u>\$ 136,600</u>	<u>\$ 116,244</u>	<u>\$ (20,356)</u>
EXPENDITURES			
Contracted Services (Collection)	\$ 136,600	\$ 125,151	\$ 11,449
Total Expenditures	<u>\$ 136,600</u>	<u>\$ 125,151</u>	<u>\$ 11,449</u>
LESS (DEFICIENCY) OF REVENUES OVER (UNDER) EXPENDITURES	\$ 0	\$ (8,907)	\$ (8,907)
OTHER FINANCING SOURCES (USES)			
Operating Transfers In	\$ 0	\$ 8,907	\$ 8,907
EXCESS OF REVENUES AND OTHER FINANCING SOURCES OVER (UNDER) EXPENDITURES AND OTHER FINANCING USES	\$ 0	\$ 0	\$ 0
FUND BALANCE, JULY 1, 1998	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>
FUND BALANCE, JUNE 30, 1999	<u><u>\$ 0</u></u>	<u><u>\$ 0</u></u>	<u><u>\$ 0</u></u>

Attn:
Chris, CTAs
98/99 waste mgmt
13 budget
931-526-7922

From: Carolyn Brewer

Th _____

se financial statements.

35

TOTAL P.01

AN ORDINANCE TO AMEND THE 2000-2001 GENERAL FUND BUDGET

ORDINANCE NO. 08-21-00-E

WHEREAS, the Town of Oliver Springs operates a Sanitation Department under the General Fund; and

WHEREAS, the Tennessee General Assembly in 1992 passed Public Chapter 759 which amended Section 68-31-874 (a) of the Tennessee Code Annotated; and

WHEREAS, Public Chapter 759 provides that "effective July 1, 1992, each county, solid waste authority and municipality shall account for financial activities related to the management to solid waste in either a special revenue fund, or an enterprise fund established expressly for that purpose".

THEREFORE, LET IT BE ORDAINED, that the 2000-2001 General Fund Budget be amended as follows:

123 Special Revenue Fund No. 3

43200	SANITATION	
121	Wages-Permanent Employees-Regular.....	\$61,983.00
122	Overtime.....	500.00
251	Medical, Dental, Veterinary.....	100.00
260	Repair & Maintenance Service.....	0.00
261	Repair & Maint. Motor Vehicle.....	1,000.00
295	Landfill Service.....	10,000.00
300	Supplies.....	0.00
320	Operating Supplies.....	1,000.00
322	Chemical, Lab. & Medical.....	500.00
324	Household & Janitorial.....	50.00
330	Repair & Maint. Supplies.....	0.00
331	Gas, Oil, Diesel.....	2,500.00
332	Motor Vehicle Parts.....	1,000.00
334	Tires, Tubes, etc.....	2,500.00

OPERATING TRANSFER TO SANITATION FUND

\$81,133.00

Ordinance No. 08-21-00-E
Page 2 of 2

43200 SANITATION FUND

REVENUE

Operating Transfer From General Fund

\$81,133.00

EXPENSES

121	Wages-Permanent Employees-Regular.....	\$61,983.00
122	Overtime.....	500.00
251	Medical, Dental, Veterinary.....	100.00
260	Repair & Maint. Service.....	0.00
261	Repair & Maint. Motor Vehicle.....	1,000.00
295	Landfill Service.....	10,000.00
300	Supplies.....	0.00
320	Operating Supplies.....	1,000.00
322	Chemical, Lab, & Medical.....	500.00
324	Household & Janitorial.....	50.00
330	Repair & Maint. Supplies.....	0.00
331	Gas, Oil, Diesel.....	2,500.00
332	Motor Vehicle Parts.....	1,000.00
334	Tires, Tubes, Etc.....	2,500.00

THE ORDINANCE SHALL TAKE EFFECT UPON PASSAGE, THE PUBLIC WELFARE REQUIRING IT.

PASSED THIS FIRST AND FINAL READING THIS 21 DAY OF AUGUST, 2000.


MAYOR


CITY RECORDER

**CITY OF ROCKWOOD, TENNESSEE
DISBURSEMENTS**

July 1, 1998 through June 30, 1999

	Actual		↓ Estimated	Balance This Year
	This Period	Total To Date	Total This Year	
Street Department				
Salary, Superintendent	2,201.60	28,620.80	28,615.00	(5.80)
Salaries, Others	17,482.94	188,673.93	190,535.00	1,861.07
Operation of Motor Vehicles	2,996.97	29,989.38	18,956.00	(11,033.38)
Miscellaneous	486.00	22,524.47	5,090.00	(17,434.47)
Materials & Supplies	1,457.43	33,621.35	36,009.00	2,387.65
Contributions to FICA	1,517.34	16,805.73	17,606.00	800.27
Insurance	2,103.86	49,443.34	50,000.00	556.66
Uniforms	585.00	3,400.15	3,894.00	493.85
Capital Outlay	14,584.56	126,702.67	125,000.00	(1,702.67)
Prison Program	994.71	25,818.04	32,773.00	6,954.96
Rent and Utility Service	10,038.63	120,018.27	110,000.00	(10,018.27)
ARC Grant Application	30.00	5,600.00	0.00	(5,600.00)
Total >	54,459.04	651,218.13	618,478.00	(32,740.13)

Sanitation Department				
Landfill Fees	6,821.02	61,372.50	68,000.00	6,627.50
Salaries	5,946.98	78,624.17	76,925.00	(1,699.17)
Operation of Motor Vehicles	312.86	4,385.03	20,000.00	15,614.97
Supplies	33.00	667.23	525.00	(142.23)
Miscellaneous	0.00	863.47	671.00	(192.47)
Contributions to FICA	452.83	5,988.48	5,885.00	(103.48)
Uniforms	287.50	1,362.50	1,416.00	53.50
Insurance	765.04	17,194.32	20,000.00	2,805.68
Capital Outlay	0.00	13,473.66	0.00	(13,473.66)
Total Sanitation Dept.	14,619.23	183,931.36	193,422.00	9,490.64

Public Buildings				
Salaries	1,376.00	17,888.00	17,898.00	10.00
Utilities	2,216.40	27,611.61	31,000.00	3,388.39
Miscellaneous	308.50	2,947.50	4,200.00	1,252.50
Supplies	1,279.36	5,830.96	4,500.00	(1,330.96)
Contributions to FICA	89.15	1,190.14	1,370.00	179.86
Insurance	191.26	6,472.83	6,800.00	327.17
Repairs and Maintenance	2,131.95	12,616.41	3,000.00	(9,616.41)
Capital Outlay	0.00	0.00	3,000.00	3,000.00
Total >	7,592.62	74,557.45	71,768.00	(2,789.45)

Schedule "C"

Page 3 of 6

SCHEDULE XIII

SOLID WASTE FUND

BUDGET SUMMARY

	<u>ACTUAL 1997</u>	<u>BUDGET 1998</u>	<u>PROJECTED 1998</u>	<u>BUDGET 1999</u>	<u>BUDGET 99 vs 98</u>	<u>% CHANGE</u>
REVENUES:						
4400 Charges for Services	0	0	0	700,000	700,000	100.0
EXPENDITURES:						
5200 Contractual Services	1,492,100	1,560,000	1,560,000	1,628,030	68,030	4.4
OTHER FINANCING SOURCES:						
Operating Transfers In General Fund	1,492,100	1,560,000	1,560,000	928,030	(631,970)	-40.5
Excess (Deficiency) of Revenues and Other Financing Sources Over Expenditures	0	0	0	0	0	0.0
UNRESERVED FUND BALANCE - 7/1	0	0	0	0	0	0.0
UNRESERVED FUND BALANCE - 6/30	0	0	0	0	0	0.0

CITY OF OAK RIDGE

FUND Solid Waste	DEPARTMENT Administrative Services	ACTIVITY Solid Waste	NUMBER 19
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ACTIVITY DESCRIPTION

This Fund provides for the collection and disposal of all residential solid wastes generated in the City. The goal is to contribute to the health and welfare of the community by providing a quality level of refuse collection, while at the same time, continually striving to identify and recommend measures which improve the efficiency of the service to the public. State legislation adopted in 1992 required the City to establish a separate fund to account for solid waste management expenditures.

Residential collection is performed once a week at the back door and once a week at curbside for recyclable items. The City contracts with Browning-Ferris Industries (BFI) for the collection and disposal of residential solid waste. The current contract, which is in effect until June 30, 2001, provides for annual increases in contract payments determined by a formula calculated on an increase of 90 percent of the change in the Consumer Price Index. The contractor is also responsible for the operation of a convenience center for disposing of residential waste and recyclable items, budgeted at a cost of \$254,620 for fiscal 1999. The increase in expenditures for this Fund in fiscal 1997 were the result of a new five year contract agreement with BFI resulting in significantly higher costs for the operation of the convenience center, up 242%, and residential solid waste collection, up 38%.

Other items budgeted in this activity include \$9,400 for an annual spring clean-up and \$21,720 for annual brush collection, both under contract for services with BFI. The budget also includes \$62,490 for mulching brush and Christmas Trees, which is then distributed free of charge to citizens.

Funding for all services accounted for in the Solid Waste Fund have previously been provided through an operating transfer from the General Fund. Beginning July 1, 1998, a \$5 per month refuse fee will be charged to residential utility customers on their utility bill. The revenues from these charges will be accounted for in the Solid Waste Fund and utilized to fund a portion of the costs of residential refuse collection. Commercial utility customers will not be charged, as the City does not provide commercial refuse collection.

PERFORMANCE OBJECTIVES

1. Ensure that complaints of missed collection service remain at or below one percent of services delivered.
2. Assist the Contractor in maintaining a level and quality of service that will lessen complaints.

PERFORMANCE MEASURES	ACTUAL FY 1997	BUDGET FY 1998	PROJECTED FY 1998	BUDGET FY 1999
Residential service locations	11,645	11,645	11,645	11,700
Service complaints per 1,000 service Deliveries	1.0	1.0	1.0	1.0



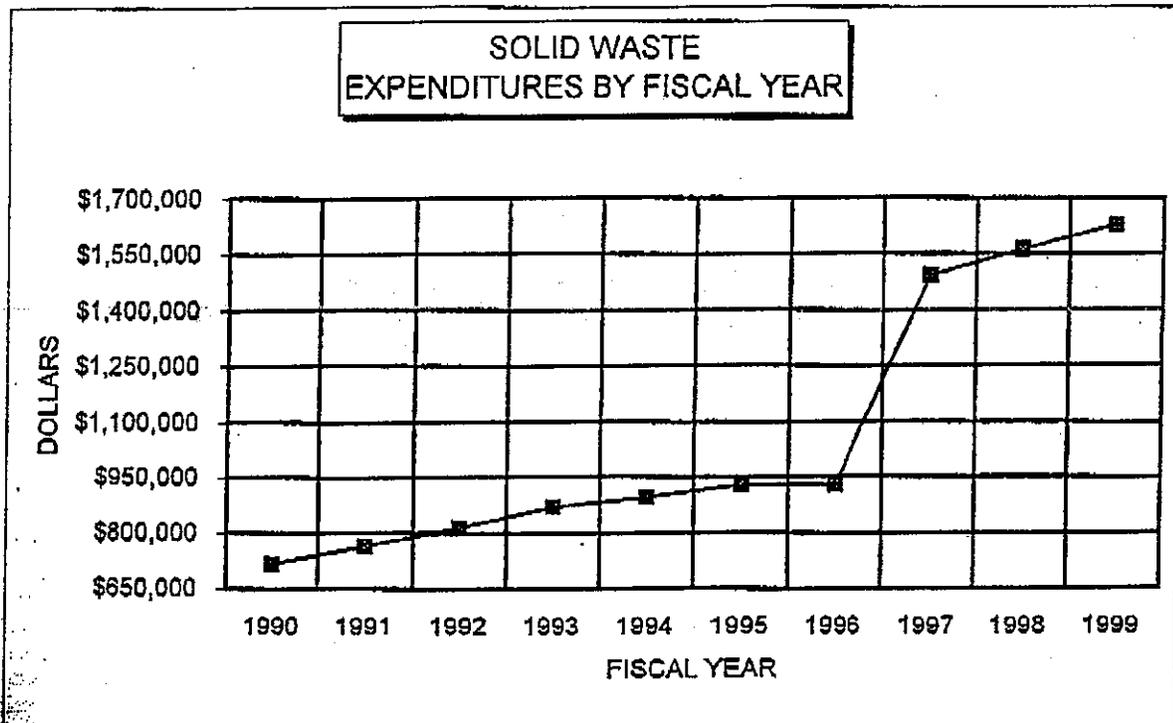
SOLID WASTE FUND EXPENDITURES	ACTUAL FY 1997	BUDGET FY 1998	PROJECTED FY 1998	BUDGET FY 1999	BUDGET 99 vs 98	% CHANGE
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5210 Professional & Contractual Services:

Residential Refuse Pickup & Recycle Service	1,173,044	1,224,938	1,224,938	1,267,200	42,262	3.5
Convenience Center Rental	240,000	247,200	247,200	254,620	7,420	3.0
Roane County Landfill	17,604	20,000	20,000	22,000	2,000	10.0
Annual Brush Collection	20,495	21,077	21,077	21,720	643	3.1
Mulching Contract	24,500	25,000	24,150	34,000	9,000	36.0

5235 Support Services for Mulching	<u>16,457</u>	<u>21,785</u>	<u>22,635</u>	<u>28,490</u>	<u>6,705</u>	<u>30.8</u>
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TOTAL SOLID WASTE FUND EXPENDITURES	<u>1,492,100</u>	<u>1,560,000</u>	<u>1,560,000</u>	<u>1,628,030</u>	<u>68,030</u>	<u>4.4</u>
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REVISED TEN-YEAR SOLID WASTE BUDGET FOR THE REGION OF ROANE COUNTY

Projected Expenditures

Jurisdiction	Fiscal 98/99	Fiscal 99/00	Fiscal 00/01	Fiscal 01/02	Fiscal 02/03	Fiscal 03/04	Fiscal 05/06	Fiscal 06/07	Fiscal 07/08	Fiscal 08/09
Roane County	\$864,156	\$894,401	\$925,705	\$958,104	\$991,638	\$1,026,345	\$1,062,267	\$1,099,446	\$1,137,927	\$1,177,754
Harriman	\$299,701	\$310,190	\$321,047	\$332,284	\$343,914	\$355,951	\$368,409	\$381,303	\$394,649	\$408,462
Kingston	\$136,600	\$141,381	\$146,329	\$151,450	\$156,750	\$162,236	\$167,914	\$173,791	\$179,874	\$186,170
Rockwood	\$193,422	\$200,192	\$207,199	\$214,451	\$221,957	\$229,725	\$237,765	\$246,087	\$254,700	\$263,614
Oak Ridge	\$1,628,030	\$1,685,011	\$1,743,986	\$1,805,025	\$1,868,200	\$1,933,586	\$2,001,261	\$2,071,305	\$2,143,800	\$2,218,833
Oliver Springs	\$81,133	\$83,973	\$86,912	\$89,954	\$93,102	\$96,360	\$96,733	\$100,119	\$103,623	\$107,250
Total	\$3,203,042	\$3,315,148	\$3,431,178	\$3,551,268	\$3,675,561	\$3,804,203	\$3,934,349	\$4,072,051	\$4,214,573	\$4,362,083

Note: Each fiscal year assumes a 3.5% cost of living increase.

Projected Revenues

Jurisdiction	Fiscal 98/99	Fiscal 99/00	Fiscal 00/01	Fiscal 01/02	Fiscal 02/03	Fiscal 03/04	Fiscal 05/06	Fiscal 06/07	Fiscal 07/08	Fiscal 08/09
Roane County	\$988,882	\$1,066,541	\$1,103,870	\$1,142,505	\$1,182,502	\$1,223,890	\$1,266,726	\$1,311,061	\$1,356,948	\$1,404,441
Harriman	\$299,701	\$310,190	\$321,047	\$332,284	\$343,914	\$355,951	\$368,409	\$381,303	\$394,649	\$408,462
Kingston	\$136,600	\$141,381	\$146,329	\$151,450	\$156,750	\$162,236	\$167,914	\$173,791	\$179,874	\$186,170
Rockwood	\$193,422	\$200,192	\$207,199	\$214,451	\$221,957	\$229,725	\$237,765	\$246,087	\$254,700	\$263,614
Oak Ridge	\$1,628,030	\$1,685,011	\$1,743,986	\$1,805,025	\$1,868,200	\$1,933,586	\$2,001,261	\$2,071,305	\$2,143,800	\$2,218,833
Oliver Springs	\$81,133	\$83,973	\$86,912	\$89,954	\$93,102	\$96,360	\$96,733	\$100,119	\$103,623	\$107,250
Total	\$3,327,768	\$3,487,288	\$3,463,014	\$3,735,669	\$3,866,425	\$4,001,748	\$4,138,808	\$4,283,666	\$4,433,594	\$4,588,770

Note: Each fiscal year assumes a 3.5% cost of living increase.

RESOLUTION # 03-00-10 (AS AMENDED)

A RESOLUTION DISSOLVING THE ROANE COUNTY SOLID WASTE AUTHORITY.

WHEREAS, the Roane County Solid Waste Authority was established by Resolution of the Roane County Commission pursuant to Tennessee Code Annotated Section 68-31-904 (now TCA 68-211-211-903), and

WHEREAS, since 1993 the Solid Waste Authority has administered the Roane County Landfill in an efficient manner, and,

WHEREAS, the Roane County Landfill is closed and there is no further need for an Authority.

NOW, THEREFORE, BE IT RESOLVED, that the Roane County Commission does hereby dissolve the Roane County Solid Waste Authority, effective June 30, 2000.

BE IT FURTHER RESOLVED that both the assets and liabilities of the Authority will pass to the Roane County Government which will receive all assets and assume the liability of the landfill.

BE IT FURTHER RESOLVED that a copy of this resolution should be sent to each participating City Governments.

Motion to adopt as amended was made by Commissioner Harmon with second by Commissioner Easter.

Motion Passed upon unanimous voice vote.

THEREUPON, the County Chairman announced to the Commission that said resolution had received a constitutional majority and ordered same spread of record.

APPROVED:

Uma Coffman
County Chairman

The foregoing resolution was submitted to the County Executive for his consideration this 10th day of May, 2000.

ATTESTED:

Dorothy M. Marshall Sr
County Clerk

I approve/veto the foregoing resolution this the 16 day of May, 2000.

STATE OF ~~TENNESSEE~~ Tennessee
COUNTY OF ROANE

Attest:

Dorothy M. Marshall Sr Submitted by County Executive Ken Yager at the request of the Solid Waste Authority.

Certified a true and correct copy

July - 5 - 2001
Month Day Year

By Bobbie J. Taylor
D.C.



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

DON SUNDQUIST
GOVERNOR

MILTON H. HAMILTON, JR.
COMMISSIONER

CERTIFIED MAIL

June 14, 2001

Ms. Nancy Lee, Chairperson
Roane Co. Municipal SW Planning Region 73
223 Michael Drive
Rockwood, TN 37854

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

Dear Ms. Lee:

The Department of Environment and Conservation has not received a reply to the comments due on June 5, 2001 concerning the Five-Year Update to the Ten-Year Solid Waste Plan for the Roane County Solid Waste Planning Region.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Milton H. Hamilton, Jr.", written over a printed name.

Milton H. Hamilton, Jr.

MHH:RLG:RPG

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant
Mr. Mark Penland, Knoxville Environmental Coordinator



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

March 5, 2001

Ms. Nancy Lee, Chairman
Roane County Municipal Solid Waste Planning Region *RB*
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have received the fax from Mr. Patrick Guettner addressing the comments made in our letter dated October 18, 2000. The following items continue to need additional attention:

1. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in Chapter 2 of the guidelines for preparing the 5-year update.
 - a. 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 new fees or revenues are needed or anticipated?
 - b. 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?
2. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.

- a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**

7. Please update information in Chapter 5 relating to Roane County Solid Waste Manager.

The information requested above should reach this office not later than June 5, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator

**ROANE COUNTY SOLID WASTE DEPARTMENT
215 WHITE PINE ROAD
HARRIMAN, TN 37748
PH: 865-590-7779
Fax: 865-590-1251**

FAX TRANSMITTAL COVER SHEET

Date: 1/17/2001 **Time:** 3:30 pm

No. of pages (including this cover page) 4

TO: MS. REBECCA GORHAM, WASTE REDUCTION SECTION
Address: TDEC, DIV. OF COMMUNITY ASSISTANCE, NASHVILLE, TN
Ph: 615-532-0744
Fax: 615-532-0499

From: SOLID WASTE DEPARTMENT of ROANE COUNTY, PATRICK GUETTNER, MGR.
Subject: ROANE COUNTY MSW Regional Ten-Year Plan
Message: WASTE REDUCTION

Note: The information contained in this facsimile message is privileged and confidential information intended only for the use of the individual or entity named as recipient. If the reader is not the intended recipient, notice is hereby given that any dissemination or copying of this communication is strictly prohibited. If you received this communication in error, please notify us immediately by telephone and return the original message to us at the address above via U. S. Postal Service. Thank you

**ROANE COUNTY SOLID WASTE DEPARTMENT
ROANE RECYCLING CENTER
215 White Pine Road
Harriman, Tennessee 37748
Phone: 865-590-7779
Fax: 865-590-1251**

Date: January 17, 2001

To: Rebecca Gorham
Waste Reduction Section

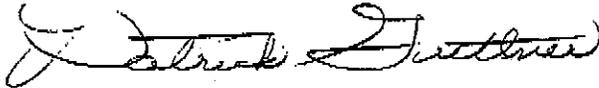
From: Patrick Guettner

Re: Revisions to Ten-Year Plan

Dear Ms. Gorham,

Please find enclosed revisions to the Roane County MSW Regional Ten-Year Plan requested by your letter of October 18, 2000.

Sincerely Yours,



Patrick Guettner
Manager

cc: The Honorable Ken Yager, Roane County Executive
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mitch Loomis, East Tennessee Development District
Mr. Mark Penland, Knoxville EAC Coordinator

Item 1.

A current system analysis of disposal capability will be conducted in 2001. An analysis of the remaining life expectancy of landfills we use or plan to use will be incorporated. At the present time Roane County no longer uses the Chestnut Ridge Landfill in Knox County, but uses exclusively the Rhea County Landfill which has a life expectancy of over 10 years. Our hauling and disposal contractor, Waste Services of Tennessee, operates the Rhea County Landfill, and during our negotiations with Waste Services in June, 2000, Waste Services projected that the life expectancy would be upwards of 20 years with their planned purchase of additional acreage in the future for expansion there. This landfill is only 30 miles from the Recycling Center in Roane County and is easily accessible from all the 12 Convenience Centers in Roane County. This proximity expedites the hauling and disposal of our garbage and thus provides economical advantages as well.

Item 2.

A current system for an analysis of costs and revenues for the Roane County operations is in place and maintained by the Budget Director for the County. System data is reviewed on a weekly basis with the Budget Director.

Item 3.

Moderate growth in this region and county is expected. The county population is about 50,000, up from about 40,000 over the last ten years. The county has 14 convenience centers which is 9 more than the 5 required. These Centers have reached about 50% capacity in terms of use. They will handle any growth anticipated for the next ten years. The Recycling Center is operating at about 75% capacity and can and will be enlarged as growth dictates. The same holds true for the Convenience Centers. Compaction equipment can be added to most of these Centers should the need arise. Plans will be developed over the next two years to address anticipated usage of all these facilities.

Item 4.

Two Household Hazardous Waste Collection Days were held in 2000 with almost 1000 households participating. Another is planned in June, 2001. Also, an Electronics Equipment and Hazardous Waste Day is planned for April 7, 2001. These regular events are planned on a continuing basis, and the periodicity will be accelerated. These hazardous waste collection events are planned according to the Policy Guide for the State of Tennessee. The planning and implementation utilize citizen volunteers and are extensively documented.

Item 5.

Education initiatives are utilized and aimed at all waste generators. These initiatives include:

- (1) Regular local television shows featuring the Solid Waste Manager, County Executive, and Keep Roane Beautiful personnel
- (2) Articles in the local newspaper
- (3) Flyers, brochures and other literature handed out at the Recycling Center and Convenience Centers
- (4) Talks by Solid Waste Department personnel to school and civic audiences
- (5) Announcements on local radio stations on upcoming events

All these media avenues were utilized during the last Hazardous Waste Collection Day. The level of participation involved almost 500 households and was deemed a great success by all. Participation came from various civic groups such as Boy Scouts as well as Keep Roane Beautiful and citizen volunteers.

Item 6.

Certification from the newly revamped Solid Waste Regional Board is forthcoming.

Item 7.

The Solid Waste Department is working in cooperation with Keep Roane Beautiful in identifying and cleaning up these illegal dumps. A priority list is being established and the assistance of the Michael Dunn Center is continuing in the cleanup effort. Also citizens doing community service work under sentencing from local judicial bodies are being utilized to assist in the cleanup.

Item 8.

A new Solid Waste Manager was hired and began work on June 1, 2000. His title is Solid Waste Manager, not Solid Waste Coordinator. He is full time, managing over 40 employees. His education includes an engineering degree from UTK and a law degree from the University of Memphis. He has broad experience in many areas of project management, engineering, safety, quality, as well as hazardous waste management.

68-211-815. Municipal solid waste region plans - Contents.

	Ch ap ter
(a) Each plan and revised plan submitted by a municipal solid waste region pursuant to this part shall 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.	
(b) At a minimum, each plan and revised plan submitted by a municipal solid waste region shall include the following:	
(1) Demographic information;	✓ 2
(2) A current system analysis of:	
(A) Waste streams , including data concerning types and amounts generated;	✓
(B) Collection capability , including data detailing the different types of collection systems and the populations and areas which receive and do not receive such services;	✓ 3
(C) Disposal capability , including an analysis of the remaining life expectancy of landfills or other disposal facilities;	6
(D) Costs , using a full-cost accounting model developed by the commissioner, including costs of collection, disposal, maintenance, contracts and other costs; and	2
(E) Revenues , including cost reimbursement fees, appropriations and other revenue sources;	2, 3
(3) Adoption of the uniform financial accounting system required by § 68-211-874;	✓ 2
(4) Anticipated growth trends for the next ten-year period;	3
(5) Anticipated waste capacity needs ;	6
(6) Planned capacity assurance , including descriptions of planned or needed facilities ;	6
(7) A recycling plan , including a description of current public and private recycling efforts and planned efforts to enhance recycling within the county or region;	5
(8) A plan for the disposal of household hazardous wastes ;	7
(9) Adoption of uniform reporting requirements as required by this part;	✓
(10) A description of waste reduction activities designed to attain the twenty-five percent (25%) reduction required by § 68-211-861;	✓ 3
(11) A description of education initiatives aimed at businesses, industries, schools, citizens and others, which addresses recycling, waste reduction, collection and other goals of this part;	3, 8
(12) An evaluation of multi-county solid waste disposal region options with an explanation of the reasons for adopting or failing to adopt a multi-county regional approach;	✓ 2
(13) A timetable for implementation of the plan;	✓ 1
(14) A description of the responsibilities of the various participating jurisdictions;	✓ 1, 3
(15) A certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan ; and	10
(16) Any other information as the commissioner may deem relevant to the implementation of this part.	

[Acts 1991, ch. 451, § 14; T.C.A., § 68-31-815; Acts 1995, ch. 501, § 3; 1996, ch. 846, §§ 19-22.]

Region Roane

Date 9/28/00



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

May 1, 2000

Ms. Nancy Lee
Chairperson
Roane Co. Municipal SW Planning Region
223 Michael Drive
Rockwood, TN 37854

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

Dear Ms. Lee:

We have received a Five-year Update to the Roane Co. Municipal SW Planning Region SW Region Ten-year Solid Waste Plan, submitted by Ms. Dena Rue, Solid Waste Coordinator. According to our records, your Revised Plan was due to be submitted by December 1, 1999, and you received a Commissioner's Warning letter regarding non-submittal, dated January 6, 2000. We received the referenced revised plan on April 4, 2000. Division staff will review the plan 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

Ron Graham
Director

RG:klg

C: Commissioner Milton Hamilton, Jr.
The Honorable Ken Yager, Roane County Executive
Ms. Dena Rue, Solid Waste Coordinator, Roane County
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Mark Penland, Coordinator, Knoxville Environmental Assistance Center

RPG

Roane County 5-year Planning Update
prepared by Dena Rue,
Roane County Solid Waste Coordinator

(Reformatted to reduce number of pages to print. KLG 4/30, 2000)

CHAPTER 1: SUMMARY

Since approval of the 10-year Solid Waste Plan, Roane County has invested approximately \$500,000 in a MRF, problem waste collection center, and construction/demolition transfer station. These components of Roane County's Solid Waste System were collectively named, the Roane County Recycling Center. Participation at this location is welcomed by all jurisdictions within the region. Goals for the center have included the following:

1. Provide a place for residents to drop off problem wastes: tires, oil, car batteries, appliances, furniture, construction materials, wood waste, and recyclables at a central location.
2. Recycle materials which were previously landfilled: wood waste, tires, oil, appliances
3. Divert construction/demolition materials from class I to class IV landfills.
4. Provide opportunities for the public to recover furniture and other household goods by providing a covered shelter to keep them dry and usable.
5. Provide opportunities for a local sheltered workshop's clients to learn job skills.
6. Provide local businesses with free disposal of cardboard, paper, scrap metal, and other recyclables.
7. Provide a means to process materials collected within Roane county and surrounding counties.
8. Establish more opportunities for recycling throughout the county by providing more widespread dropoff locations at the county's convenience centers.
9. Educate citizens and expand collection efforts to reduce illegal dumping. Targeted wastes include: tires, appliances, mattresses, furniture, and automotive gas tanks.
10. Generate enough revenues to pay operating expenses.

During the last year, the county waste reduction program has expanded considerably. The Roane County Recycling Center now has 7 locations at convenience centers throughout the county for recyclable materials drop off. The Seven locations include: Swan Pond, Post Oak, Pumphouse, Orchard View, Clax Gap, North Gallaher, and South 58. Materials are collected by a county owned rolloff truck and brought to the Recycling Center MRF. The materials are then processed by a combination of Michael Dunn Workers (a sheltered workshop), local jail inmates, and community service workers. Materials processed at the MRF include steel cans, aluminum cans, cardboard, mixed paper, newspaper, #1 and #2 plastics, and sorted glass containers. After processing, most materials are

sold through the Recycling Marketing Cooperative for Tennessee (RMCT). This organization has been a key player in making markets readily available to the county.

In 1999, the county also began to accept materials from two private haulers, BFI and Tennessee Waste Movers. BFI brings 5 tons per week of cardboard which are picked up at businesses in Roane and Loudon counties. Tennessee Waste Movers brings mixed recyclables from West Knoxville and Loudon County. This has allowed the county to regionalize recycling efforts.

In addition to household recyclables processing, the center also serves as a problem waste collection point. By taking advantage of the state's waste tire program, the county has successfully begun collecting and recycling tires, which were previously landfilled. The county is diverting wood waste to a mulching program. Most construction debris is sent to a Class IV landfill. Segregated carpet backing is recycled. Scrap Metal and appliances are now recycled. Usable furniture is now stored and salvaged by residents in need. Waste Oil is collected at 5 convenience center and the Recycling Center. Car batteries are also recovered. A list of recycled materials and the amounts recovered are included on the last page of this document. As you can see, Roane County recycled 34 % more in 1999 than in 1998. Roane County is committed to its recycling and diversion programs. The ongoing commitment is illustrated by the fact that the variety of materials and the amounts collected and recycled are increasing every year.

The program has expanded recently by adding used clothing in the spring of 1999. During 2000, the county will add an automotive bank recycling program and (under the state's precollection program) to materials collected. The county also participates in the mobile Household Hazardous Waste Collection Event.

both
or
parent

Education efforts have included the following:

1. Established an education room at the recycling center to provide information to the public.
2. Worked with local charitable organizations to provide reusable household items to the areas needy citizens.
3. Distributed videos and literature to schools, street departments and convenience centers.
4. Working with cities to get needed information to residents and to encourage disposal of bulky wastes at the Recycling Center when city collection of these items is not available.
5. Established an education team to write an education plan.
6. Continuing speaking engagements to civic organizations and private companies and making TV appearances to promote Recycling Efforts.

These goals have met with some success and the Recycling Program is becoming an integral part of the region's solid waste program. Because the facility was a landfill before 1997, people are already accustomed to bringing waste to this location. This fact has helped publicize the facility through word of mouth. Also, the media has been very helpful in promoting the facility by running newspaper articles/PSAs and by running the county's recycling video on local cable TV. A

MRF?

breakdown of materials processed through this program follows:

Consolidated report for materials recycled or diverted to Class IV landfills
ROANE COUNTY RECYCLING CENTER

Material recycled or diverted	1998 CAL. YEAR AMT. IN TONS	1999 CAL YEAR AMT. IN TONS	percent increase
Wood Waste	193.5	294.97	52.44%
Tires	504.48	530.85	5.23%
Scrap Metal	130.8	144.55	10.51%
Steel Cans	3.87	10	158.40%
Aluminum Cans	0.47	1.83	289.36%
Newsprint	55.87	102.27	83.05%
Cardboard	32.07	183.92	473.50%
Mixed paper	111.17	131.68	18.45%
Computer Paper	3.46	0	n/a
Plastics	0	12.5	n/a
Construction waste	589.25	764.89	29.8%
Totals	1624.94	2177.46	34%

By working with TDEC, the Roane County Region has managed to set an example for other counties to follow in meeting the needs of local citizens.

1. An implementation schedule for new programs is below:

- 1999-2000 Add used paint precollection to collection program.
Add automotive gas tanks to collection program.
- 2000-2001 Add another location to convenience center recycling dropoff locations.
Add computer recycling to collection program.
- 2001-2002 Add another location to convenience center recycling dropoff locations
- 2002-2003 Add another location to convenience center recycling dropoff locations.
- 2003-2004 Add another location to convenience center recycling dropoff locations.
Seek funding to add recycling dropoff at local schools.

3. PROPORTIONAL FLOW DIAGRAM FOR THE ROANE COUNTY SOLID WASTE REGION

source reduction 7.5%
(2500 tons/yr)

Diversion 9%
(3000 tons/yr)

Class I Solid Waste 78.87%
(26239 tons/yr)

Recycling 3.29%
(1100 tons/yr)

CHAPTER 2: GENERAL INFORMATION ABOUT THE REGION

1. Roane County Solid Waste Planning Region includes Roane County and the cities of Harriman, Kingston, Midtown, and Rockwood.
2. Roane County- 47,227 (1990 Census Report) *- Needs more current Census info*
3. Regional Solid Waste Board Members

Seven Members appointed by County Executive/commission
 One member representing the City of Kingston
 One member representing the City of Harriman
 One member representing the City of Rockwood
 One member representing the City of Oliver Springs

Original Board	Appt. by	Term Expiration	
Nancy Lee	Co. Exec.	3-22-99	Chairman
Ferry Eastwood	Co. Exec.	3-22-97	
Mike Easter	Co. Exec.	3-22-97	
Ann Cook	Co. Exec.	3-22-97	
Lorraine Choate	Co. Exec.	3-22-95	
Ronnie Boring	Co. Exec.	3-22-95	
R.C. Ladd	Rockwood.	3-22-99	
Arthur Rivers	Kingston	3-22-95	
Mitchell Ollis	Oliver Springs	3-22-99	
Bill Mee	Co. Exec.	3-22-99	
Tom Hamby	Harriman	3-22-97	

*Sample of terms?
 when were replacement board members selected?*

Current Board	Appt. by	Term Expiration	
Nancy Lee	Co. Exec.	3-22-99	Chairman
Carol Hollar	Co. Exec.	3-22-97	replaced T. Eastwood
Mike Easter	Co. Exec.	3-22-97	
Art Gibson	Co. Exec.	3-22-97	replaced Ann Cook
Bobby Jackson	Co. Exec.	3-22-2001	replaced L. Choate
Ronnie Boring	Co. Exec.	3-22-2001	reappointed
R. C. Ladd	Rockwood	3-22-99	
Arthur Rivers	Kingston	3-22-97	no one reappointed
Mitchell Ollis	Oliver Springs	3-22-99	resigned
Alicia Harris	Co. Exec.	3-22-99	replaced Bill Mee
G.L Long	Harriman	3-22-97	deceased, repl. Tom Hamby

Regional Board Chairman
 Nancy Lee
 223 Michael Drive
 Rockwood, TN 37854

4. Solid Waste Authority

A. The region did form a Part 9 Solid Waste Authority. The Chairman is

Bert Pemberton
119 North Kingston Ave.
Rockwood, TN 37854
(865) 354-1521

*Resolutions?
Members of Board?*

Jurisdiction of the Roane County Solid Waste Authority includes Roane County and the cities of Harriman, Kingston, Midtown, and Rockwood.

B. Not Yet. Dissolution of the Solid Waste Authority is expected in June of 2000.

5. Three Contacts for Solid Waste Information for the region are as follows:

Ken Yager
Roane County Executive
P.O. Box 643
Kingston, TN 37763
(865)376-5578

Dena Rue
Roane County Solid Waste Coordinator
P.O. Box 643
Kingston, TN 37763
(865)590-7779

Bert Pemberton
Chairman, Roane County Solid Waste Authority
119 North Kingston Ave.
Rockwood, TN 37854
(865)354-1521

6. Roane County has both a Solid Waste Regional Board and a Part 9 Solid Waste Authority
Each has a different function:

The Roane County Regional Board meets about twice a year at called meetings to address report issues and specific items. The Board has not had a request for permit review since its formation. Reports have been filed and are up to date.

The Roane County Solid Waste Authority meets on the first Monday of every month. Its primary function has been to operate and perform closure duties for the Roane County Landfill. This landfill's closure was approved by the Knoxville Field office in December of 1999. The Authority expects to dissolve in June, 2000 since county employees will be performing post-closure duties during the 30-year post-closure period.

7. The County opted to become a single-county region due to a lack of interest on the part of neighboring counties. Even though the solid waste program has been non-regional in nature, the county recycling program has encouraged regionalization by accepting some recyclables from jurisdictions outside the county. Roane County currently exports most of its solid waste to Anderson County and therefore, in effect, has regionalized through exportation of class I waste.

8. City/Town Name Population

Harriman City	7119
Kingston City	4552
Oak Ridge City	2567
Oliver Springs	979
Rockwood City	5348
Rural Roane County	26662

9. Roane County is a one-county region. Commercial activity centers around Kingston, Harriman, Midtown, and Rockwood. Three of the four cities form a triangle and the county seat is Kingston with Midtown located squarely in the middle. Roane County is divided by Watts Bar Lake and the Clinch River and consequently, several bridges must be crossed in order to get from one place to another. Interstate 40 cuts through the northern portion of the county. Some of our young people attend Roane State Community College. A portion of Oliver Springs is in Roane County. Oliver Springs is in the Anderson County Planning Region as is the Oak Ridge Portion of Roane County.

10. The Cities of Rockwood, Harriman, and Kingston charge a fee for solid waste services.

- Kingston \$4.00 per month was instituted 15 years ago, utility bill+ general tax funds, garbage collected once a week through contract with BFI.
- Rockwood \$3.50 per month was instituted- since 1992, billed by street department, garbage collected once a week by street department
- Harriman \$6.50 per month, garbage collected once a week by BFI, contract expires in 3 years.

11. Each of the cities funds its solid waste collection and disposal through a combination of taxes and direct fees. The cities provide problem waste collection and brush collection in varying degrees. None of the cities collects recyclable materials directly from citizens. Residents from each city are allowed to utilize the county's main recycling center for problem wastes and recyclables if they wish

Roane County has three solid waste budgets which are funded by a combination of taxes, user fees, and sale of recycled materials.

The Convenience Center budget (fund 116) is tax funded with the exception of an occasional grant for capital projects (the convenience center grant spent 4 years ago). The county is exploring the costs of door-to-door pickup as an alternative to the convenience center system, because the costs of operating convenience centers are increasing. Anticipated capital expenditures include replacement of some aging equipment and buildings.

The Recycling Center (fund 123) was built using 100% of local funds for the building. The initial

equipment was funded in part by a TDEC Recycling Equipment Grant. This year, the Recycling Center will break-even on its operating budget due to the improving materials markets and improved management practices. Improvements have been done since initial construction utilizing the state's MRF grant for paving, fencing, etc. which was matched dollar for dollar with local funds.

The ultimate goal in this budget is to generate enough funds to repay the initial investment.

This project is growing rapidly and funding will be needed to expand storage capacity and enhance special waste programs, such as collection of automotive gas tanks and the addition of other materials, such as used clothing. The Recycling Center will also begin participation in the Paint Pre-collection program by collecting paint year round from households to be disposed of with the annual mobile Household Hazardous Waste Collection.

Post Closure Funding- This is funded in the Recycling Center Budget with 2 cents on the tax rate allocated. It is anticipated that this funding will cover routine costs.

12. All relevant jurisdictions in the Region use uniform accounting methods and account for solid waste activities in a separate fund.

13. See attachment

14. Judge Howard Butler
Budget Director, Rockwood City
(865)354-0163

Alva Moore
Budget Director, Roane County Government
(865)717-4118

Jim Hines
Budget Director, Harriman City
(865)882-1951

Carolyn Brewer
Acting City Manager, Kingston City
(865)376-6584

CHAPTER 3: WASTE STREAM

1. Class I waste volumes, 1998

Source	Jurisdiction/hauler	Total tonnage
Rhea County Landfill	Rockwood	2318.59
Rhea County Landfill	R & H Sanitation	281.18
BFI	Harriman	2302.80
BFI	Kingston	1602.24
Waste Management	Roane County	11349.00
Waste Management	Private Businesses	1648.00
BFI	Oak Ridge	1092.00
BFI	Private Businesses	5645.59
TOTAL 1998		26239.40

2. Estimated source percentages

Source	Volume	percentage
Residential	17178	65
Commercial	1000	4
Industrial	6293	24
Institutional	1768	7
Other (including special)	0*	0

* special waste information is not available

3. Estimate percentages of class IV/recycled wastes in Class I waste stream

Category	percentage of Total MSW
Yard Waste	1%
Construction/demolition waste	2%
Tires	1%
Recyclables	3%
White Goods	2%
Regular Municipal solid Waste	91%

4. Total Generated Waste Stream

- (1) source reduction 00
- (2) recycling 1100 (includes 1035.69 tons recovered at recycling centers)

(3) diversion	3000 (includes 589 tons C & D diverted at recycling center)
(4) unmanaged wastes	500
Class I solid waste	26239
TOTAL GENERATED WASTE STREAM	33339

PERCENTAGE REDUCTIONS

(1) source reduction	7.50 %
(2) recycling	3.29%
(3) diversion	9%
(4) unmanaged wastes	1.5 %
Class I solid waste	78.7%

70% of total

Source reduction is a guess, I do know that in 1989 we produced a total of over 44,000 tons of MSW so this figure carries a high margin for error.

In 1997, our in-county landfill closed. It is suspected that some of the 1989 waste stream was hauled from out-of-county by private companies.

The Roane County Recycling Center recycled 1035.685 tons of paper, aluminum, scrap metal (incl. White goods), wood waste, tires, and steel cans in 1998. There are also some small recycling programs which do not ship materials to the county recycling program therefore this figure was padded slightly to allow for those. This figure is close to accurate.

The Roane County Recycling Center diverted 589 tons of C & D by accepting small loads of C & D debris in containers at the recycling center. All loads too large, such as in a house demolition, have been sent to Class IV landfills near Roane County where possible. This is a best guess of those amounts. This figure is reasonable and concurs with EPA waste stream estimates.

The unmanaged waste figures are a guess. Because of our geography and lack of illegal dumping enforcement funds, Roane County has at least 50 illegal dumps. This accounts for most of the unmanaged wastes in the county.

5. There are at least 2 new large subdivisions going up soon in East Roane County which may affect solid waste in the area. We anticipate that both of these will become part of the cities of Kingston and/or Oak Ridge. Another subdivision in the Rockwood Area is underway and is part of that city's growth plan as well.

An industrial park is being developed in East Roane County which may affect the county's waste stream in the future.

6. Unemployment rate is 4.0 percent as compared to 4.2 percent nationally.

There are currently two industrial parks located in Roane County with another in the planning/development stages. Existing industries are below:

East Tennessee Technology Park- 1000 acres, 500 of which will be developed. This park is located on Highway 58 and is within 10 miles of I-40 in East Roane County.

Roane County Industrial Park-462 acres with 75 left for development. This park is located between Harriman

and Rockwood just off Hwy 27 and is 3.5 miles south of I-40.

7. Major contributors to the region's waste stream-

Roane County Convenience Centers

Ken Yager, (865)376-5578

mixed residential

11349.00 tons

Harriman, City of

Honorable Jerry Davis, (865)882-2123

mixed residential

2302.00 tons

Kingston, City of

Carolyn Brewer, Acting City Manager (865)376-6584

mixed residential

1602.24 tons

Rockwood, City of

Bob Tidwell, (865)354-0184

mixed residential

2318.59 tons

8. The Roane County Litter Grant is allocated to Keep Roane Beautiful, a nonprofit Keep America Beautiful affiliate. This organization subcontracts cleanup to the Dunn Diversified Industries, a sheltered workshop in Roane County. KRB has also acquired litter contracts with some of the cities in Roane County. The County and the cities work with Keep Roane Beautiful by referring complaints and sharing educational resources. The president of KRB is Ron Coleman and executive coordinator is Glynis Murray. Office phone is (865)882-0030.

9. An adjustment is not necessary. Roane County had a 59% waste reduction as compared with 1989 waste figures.

10. It will not affect our figures. Most of our waste reduction activities occurred after 1995.

Roane County

In late 1997, Roane County closed its landfill and completed construction of a mini-MRF and problem waste disposal center. In addition, Roane County established drop-off recycling at five out of 14 of its convenience centers and has added 2 more locations last year. Recyclables are hauled by the county via rolloff container and dumped at the mini-MRF where they are sorted and processed. About 1625 tons of tires, wood, construction debris and recyclable trash was recycled or diverted in 1998. 2176 tons was recycled or diverted in 1999. These figures do not include oil and car batteries.

This center was and continues to be available for use by all city and county residents.

Operations are funded by a combination of fees, disposal charges, operating transfers, and the sale of recycled

materials. This program is operationally self-sufficient and relies on state funds for improvements and equipment upgrades. The initial capital expenditures for the building were funded locally. It is the goal of the program to repay all capital expenditures as well as continue operational self-sufficiency.

Harriman City

The City of Harriman participates in the county's waste tire collection program and sometimes brings brush and other wastes to the recycling center in Midtown. The city does not collect recyclables door to door but does offer an oil and paper drop off at the street department. City residents are allowed to bring recyclables to the county's Recycling Center which is located about 5 miles from Harriman. Harriman actively participates in the annual household hazardous waste collection by distributing flyers to its residents.

Kingston City

The City of Kingston brings brush and some wastes to the recycling center in Midtown. The city does not collect recyclables door-to-door and has no drop off location within the city limits. City residents are allowed to bring recyclables to the county's Recycling Center which is located about 5 miles from Kingston. Kingston actively participates in the annual household hazardous waste collection by distributing flyers to its residents.

Rockwood City

The City of Rockwood brings tires to the recycling center in Midtown and provides an oil drop off at the city street department. The city does not collect recyclables but does recycle oil and brush. City residents are allowed to bring recyclables to the county's Recycling Center which is located about 5 miles from Rockwood. Rockwood actively participates in the annual household hazardous waste collection by distributing flyers to its residents.

Midtown City

The city of Midtown subcontracts with the county for use of its convenience centers. Drop off garbage disposal and recycling are available to Midtown residents with the County recycling center being located at the edge of the city limits.

CHAPTER 4: COLLECTION AND TRANSPORTATION

1.

Service	Available to:	Paid for by:	Description
convenience centers (15) including recycling center in Midtown	rural residents	rural residents County Government	15 located throughout the county
Household Pickup	city of Harriman residents	city government	Subcontract/BFI Nonmandatory participation
Household Pickup	city of Kingston residents	city government	Subcontract/BFI Nonmandatory participation
Household Pickup	City of Rockwood residents	City government	Street department Nonmandatory participation
Drop off	City of Midtown residents	City Government	Subcontract with county
R & H Sanitation	County residents	individual customers	One truck
BFI	County Businesses/industries	individual businesses	fleet of rolloffs and front loads
Waste Management	County Businesse/industries	individual businesses	fleet of rolloffs and front load trucks

2. This county more than exceeds the collection requirements as mandated by the state

3. Collection needs in the rural areas are currently adequate to meet the needs of rural citizens and door to door collection is being considered as an alternative to the convenience center system. The county is currently bidding out this collection, however, a few convenience centers would have to remain in service to handle bulky wastes and problem wastes. Automotive gas tanks are a collection problem because the nearest market is in Alabama. Dead animals are also a collection problem. Small animals are usually placed in with garbage causing odor problems and large animals can not be accepted at all. The nearest Class I landfill is 30 miles away.

Collection in the City of Rockwood is done by the City's street department. Because it is a nonmandatory program, those residents not using city services utilize the convenience centers in the area. The Street Department Manager cited standardization of service rates as his main collection problem, ie. Residents generating large amounts of garbage are charged the same as those producing very little. This street department does a particularly good job of collecting bulky wastes and trash.

Collection in the City of Kingston is subcontracted to BFI

The City of Kingston street department collects brush two times a year and collects furniture as needed.

Collection in the City of Harriman is subcontracted to BFI

The City of Harriman street department collects brush, construction debris (except shingles), furniture, and other bulky wastes as needed on a call-in basis by residents.

CHAPTER 5: RECYCLING

1. ~~Dona Rue~~ Roane County Solid Waste Coordinator
P.O. Box 643
Kingston, TN 37763
(865)590-7779

2. Recycling Drop off and Materials Recovery Facility

Roane County Recycling Center and Convenience Centers

~~Dona Rue~~

(865)590-7779

215 White Pine Road

Harriman, TN 37748

Items accepted for recycling: mixed paper, newsprint, cardboard, steel food cans, aluminum cans, glass, plastic containers #1 #2, clothing, tires, scrap metal, oil, car batteries, carpet backing, and yard waste

furniture, construction debris, and other bulky wastes also accepted.

This is a drop-off program available to all Roane County Residents.

Materials Processed include: mixed paper, newsprint, cardboard, steel food cans, aluminum cans, glass, plastic containers #1 #2, and clothing,

Volume processed annually - ~~42.2~~ tons in calendar year 1999. This does not include tires, wood waste, oil, car batteries, or scrap metal which are stored and recycled but are not processed per se.

Roane County Convenience Centers equipped with recycling containers-

Swan Pond Convenience Center*

South 58 Convenience Center*

North Gallaher Convenience Center*

Orchard View Convenience Center*

Post Oak Convenience Center*

Pumphouse Convenience Center

Clax Gap Convenience Center

At these seven locations, the following are collected: mixed paper, newsprint, cardboard, steel food cans, aluminum cans, glass, and plastic containers #1 #2. This is a drop-off program for use by any Roane County resident.

*also have oil collection containers

City of Harriman paper drop off

Darrell Langley

(423) 882-0942

P.O. Box 433

Harriman, TN 37748

drop off for paper, oil

3. Roane County has made amazing progress in waste reduction efforts in the Region. Educational funding needs to be increased and a collection program for the cities needs to be implemented. The region needs continued funding for expansion of its recycling programs.

The region also needs help in coming up with solutions for problem wastes, which have been unresolved since the landfill closed. Specifically, the region needs disposal solutions for automotive gas tanks and dead animals (large and small).

Future plans for expansion include adding recycling drop off to the other 7 convenience center locations as well as possibly collecting materials at schools and/ or recreational areas. Because the county does not handle waste collection within city limits, the decision for adding city collection will have to be made by each city.

4. See #2 above.

CHAPTER 6: DISPOSAL

1. There are no landfills operating within the region.

2. CLASS I WASTE EXPORTED

Exported to: county	Exported to: Facility name/owner	estimated tonnage exported from region to class I landfills
Rhea County	Rhea County Landfill	12,150.4
Anderson County	Chestnut Ridge Landfill	14,089

3. Disposal needs can be met with existing facilities for the next 10 years. Changes in disposal cannot be anticipated because they are all privately held.

4. None.

5. Not applicable. *af*

CHAPTER 7: PROBLEM WASTES

1. YES. The county has participated in the program for 6 years.

2. No.

3. This program is fairly successful. Most residents would like a more permanent collection mechanism. The County will be adding paint pre-collection in the near future but does not have the resources to add a permanent facility.

4. Waste Tires are collected at the County's main recycling center and shipped via tractor-trailer to Greenman Technologies in Jackson, GA.

5. The only problem we have with the tire collection program is that tires from cleanups are excluded from the program. We feel our citizens would voluntarily clean up more tire sites if the fee were waived for these tires. This would mean that the state would only have to pay for disposal.

6. Waste tire dumping is very sporadic and random. See above.

7. The region has added 6 waste oil collection sites and one car battery collection site at the Recycling Center and 5 convenience centers. In addition, the cities of Harriman and Rockwood collect oil at their street departments. WalMart and other stores in the area collect antifreeze.

CHAPTER 8: SOLID WASTE EDUCATION

1. Organizations active in Solid Waste Education

Keep Roane Beautiful, Inc.
Ron Coleman, President
Glynis Murray, Executive Coordinator
P.O. Box 25
Kingston, TN 37763
(865)882-0030
General Public
On-going cleanup programs
Administers County Litter Contract
Distributes information at events such as Great American Cleanup,
has programs for teachers to use in schools.

Roane County Recycling Center
~~Dena Rye~~, Roane County Solid Waste Coordinator
(865)590-7779
215 White Pine Rd.
Harriman, TN 37748
General Public, businesses, industry
Distribute flyers, publicity for Household Hazardous Waste Collection,
newspaper articles regarding solid waste issues, organizes waste reduction events, provides tours of Recycling
Center to groups. Speaks to various groups including school groups, business groups, and civic organizations.

4-H Extension Office
Nancy Carter
(865) 376-5558
School Children
School Curriculum

TNSWEP has not been active in Roane County.

2. The county has formed an education team which has met twice. The team has not filed an education plan yet but will sometime this year. More money is needed for direct mail and the county would like to produce a second video geared toward problem waste.

CHAPTER 9: FLOW CONTROL AND PERMIT REVIEW

1. No.
2. No.

CHAPTER 10: FIVE-YEAR PLAN UPDATE REVIEW

see attached documentation

APPENDIX A:

1. See chapter 2, item 3
2. Attached.
3. Resolution attached.

Authority Board Members:

Chairman Bert Pemberton
119 North Kingston Avenue
Rockwood, TN 37854

Tim Neal
Tom Hamby
W. F. Ferguson
Sam Davis
Bob Thomas
Johnny Thompson
Alva Moore

4. Budget attached.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

October 18, 2000

Ms. Nancy Lee, Chairman

~~Roane County~~ Municipal Solid Waste Planning Region 73
223 Michael Drive
Rockwood, TN 37854

Dear Ms. Lee:

We have reviewed the draft copy of the ten-year plan revision faxed to us for Roane County MSW Region. The draft provided a good deal of information toward a plan for the Region. The following items need additional attention:

1. TCA 68-211-815(b)(2)(C) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of **disposal capability**, including an analysis of the remaining life expectancy of landfills or other disposal facilities.
 - a. While the Region can not control many factors relating to landfills outside the region, the life expectancy of each landfill in the state is reported by the Division of Solid Waste Management in the Department of Environment and Conservation. The Region can review this information periodically to be aware of any upcoming limitations in disposal capacity. A copy of the Life Remaining Survey of Class I Landfill Sites in Tennessee for 2000 is enclosed. According to the survey, Chestnut Ridge landfill only has 6 years and 6 months remaining. Rhea County landfill has 10 years and 10 months. **A discussion of limitations due to life expectancy needs to be included.**
2. TCA 68-211-815(b)(2)(D) and (E) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a current system analysis of costs and revenues. Details for meeting this requirement were provided in numbers 11 and 13 of Chapter 2 of the guidelines for preparing the 5-year update. An additional copy of the guidelines is enclosed.

3. TCA 68-211-815(b)(5) and (6) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include **anticipated waste capacity needs, planned capacity assurance**, including descriptions of planned or needed facilities.
 - a. In Chapter 3, numbers 5 and 6 you identify anticipated growth in the Region. **How is this growth expected to impact solid waste management and how is the Region prepared to handle the growth?**
4. TCA 68-211-815(b)(2)(C) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a plan for the disposal of **household hazardous waste**.
 - a. Comments in chapter 7, number 3, indicate the need for a permanent collection facility. **Please provide more details of how the Region plans to meet this requirement. (i.e. will the Region continue to rely on the state's Household Hazardous Waste Program to meet this requirement?)**
5. TCA 68-211-815(b)(11) requires that at a minimum, each plan and revised plan submitted by a municipal solid waste region shall include a description of **education initiatives** aimed at businesses, industries, schools, citizens and others, which addresses recycling, waste reduction, collection and other goals of this part.
 - a. In Chapter 8, you identify a Keep Roane Beautiful program and the Roane County Recycling Center as providing solid waste education for the Region. A limited description of the programs is provided. **Please include more details such as the successes and level of participation in these programs.**
6. TCA 68-211-815(b)(15) requires a certification from the region's part 9 solid waste authority, if such an authority has been formed, or if no such authority has been formed, the county legislative body of each county in the region that they have reviewed and approved of the region's plan and/or revised plan.
 - a. **Certification of approval from required local parties must be included before the revised plan can be approved by this office.**
7. In Chapter 3 on waste stream, you identify at least 50 illegal dumps. **Identify needs and plans to address this problem?**
8. **Please update information in Chapter 5 relating to Roane County Solid Waste Coordinator.**

The information requested above should reach this office not later than January 18, 2001. If you have questions or need assistance, please feel free to contact me at (615) 532-0744.

Sincerely,



Rebecca Gorham,
Waste Reduction Section

Cc: The Honorable Ken Yager, Roane County Executive
Mr. Patrick Guettner, Roane County Solid Waste Coordinator
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant
Mr. Mark Penland, Knoxville EAC Coordinator