

Routing Page  
Solid Waste Planning Region  
5 - YR Update

Planning Region: Wilson County 95

Clerk

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

1. Write in the name of the person completing this report Dillehay & Associates  
a "cc" for all letters sent to the chairperson.
  
2. (may be attached as a separate list):  
Was a list of board members provided?  Yes  No  
*If yes, continue to question four and verify the term of each member is current.  
If no, skip question and go directly to question.*
  
3. Was the term of each member current?  Yes  No  
*Continue to question.*
  
4. See page 14:  
Did the chairperson of the board sign and date the report?  Yes  No  
*Continue to question.*
  
5. See page 14:  
Did the county executive, (each local Government body) sign and date the report?  Yes  No  
*Continue to question.*
  
6. Which reviewer was assigned to this report?  Karen  Bob  Becky  Brian  
*Continue to question.*
  
7. On what date was the report sent to the reviewer? 05 July 01  
*Continue to question.*
  
8. What is the deadline for the review (i.e., 90 working days from received stamp)? 30 Oct 01  
*Attach routing page to the report and give it to the reviewer.*

+/- 90 working days

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

Reviewer

Date review is complete \_\_\_\_\_ Reviewer's initials \_\_\_\_\_

Log-in completion date and give working copy of report to Bob. Leave original copy in the permanent file.



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

September 24, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, Tennessee 37087

Dear Mr. Dedman,

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

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

If you have questions or need our assistance, please contact the Division of Community Assistance at (615) 532-8004.

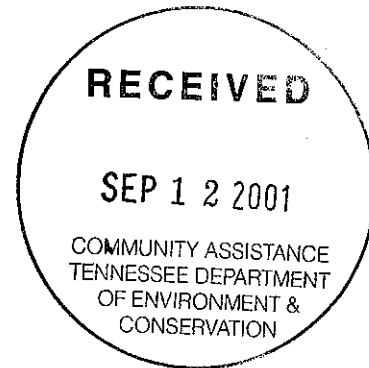
Sincerely,

A handwritten signature in cursive script, appearing to read "Brian Canada".

Brian Canada  
Waste Reduction Section

cc: The Honorable Robert Dedman, County Executive  
Mr. Bill Arnold, Wilson County Landfill Manager  
Mr. Phil Armor, (SWM), Greater Nashville Regional Council  
Ms. Geneil Dillehay, Consultant  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center

**Wilson County Regional Solid Waste Planning Board**  
 c/o Wilson County Solid Waste Department  
 PO Box 2489, Lebanon, TN 37088  
 (615) 444-8360



September 5, 2001

Mr. Ron Graham  
 Division of Community Assistance  
 L & C Tower, 8<sup>th</sup> Floor  
 401 Church St.  
 Nashville, TN 37243-0455

Regarding: Wilson County Municipal Solid Waste Planning Region response to Tennessee Department of Environment and Conservation- Division of Community Assistance comments on Five-Year update to Ten year Plan.

Dear Mr. Graham:

This letter is in response to your division's comments on the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region (Region) Ten Year Plan. The format for responding to these comments is as follows: your division's comments are repeated in bold, italicized print and the Region's response to each comment follows in non-bolded, non-italicized print.

***Chapter 3, Page 42***  
***Sections 5 and 6***

***For both of these paragraphs, please provide a discussion of how trends are expected to affect the waste stream.***

Section 5- The following sentence should be added to the paragraph included in this section of the Region's plan:

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

Section 6- The following sentence should be added to the paragraph included in this section of the Region's plan:

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

**Chapter 6, page 58**

**Section 4**

*This section only addresses the export to the Smith County Class I facility and made minimal reference to the other facilities that the Region is exporting waste to. Which disposal facilities do not have a life expectancy of at least ten years? How will this affect planned capacity assurance?*

According to the TDEC-DSWM Remaining Life Survey of Class I Waste disposal Facilities, the facility being utilize to assure Class I solid waste disposal by the region, the Smith County Landfill, has planned disposal capacity that is less than ten years. However, this facility is currently being expanded and new airspace is being permitted which will assure over ten years of additional capacity for the region. A copy of the letter from the Smith County Executive expressing the willingness of Smith County to continue to contract with the Region for Class I disposal capacity was included in Appendix V of the Five-Year Update. A table showing the remaining life of the Smith County landfill, as well as other Class I landfill's currently receiving waste generated within the region is as follows.

| Landfill                              | SNL #           | County Owned |   | Disposal Cost/ton | Life Expectancy |
|---------------------------------------|-----------------|--------------|---|-------------------|-----------------|
|                                       |                 | Y            | N |                   |                 |
| Smith County Landfill                 | SNL 80-107-0227 | X            |   | 26.00             | 2 yrs. 5 mos.   |
| Middlepoint                           | SNL 75-102-0219 |              | X | 28.00             | 13 yrs.         |
| Cedar Ridge                           | SNL 59-102-0238 |              | X | 34.40             | 11 yrs.         |
| West Camden                           | SNL 03-101-0247 |              | X | 30.00             | 1 yr. 4 mos.    |
| Ohio County Landfill<br>Owensboro, KY | Not Applicable  |              |   |                   |                 |

Source: Landfill life estimates based on queries of individual landfills and differs from that shown in the TDEC-Division of Solid Waste Management 2001 Remaining Life Survey.

The region utilizes the Smith County Landfill to assure Class I disposal capacity. Even so, as a matter of convenience, the region hauls some Class I waste to BFI's Middlepoint landfill from convenience centers located in the southern portions of the county, however the region does not depend upon this facility to assure disposal capacity. Private haulers operating within the region utilize the Class I landfills listed. In the unlikely event that these haulers cease to operate in Wilson County, the extensive network of convenience centers maintained by Wilson County is available to all county residents for solid waste collection. Sufficient capacity exists at the county's convenience centers and at the Smith County Class I Landfill to handle any waste generated by county residents. Additionally, should economical and environmentally sound Class I Landfill space cease to be available, Wilson County holds a permit for a Class I landfill which could be constructed and operational within 90 days.

Should you have questions regarding this information you may contact me or Mr. Bill Arnold, Wilson County Solid Waste Director: (615) 444-8360.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Dedman". The signature is written in a cursive style with a large initial "R" and a long, sweeping tail.

Robert Dedman,  
County Executive and  
Regional Municipal Solid  
Waste Board Chair



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

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

July 5, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, TN 37087

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

Dear Mr. Dedman:

Thank you for your submission of the Wilson Co. Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on June 26, 2001. Division staff will complete the review within the next 90 days as required by The Solid Waste Act of 1991.

If you need additional information or have further questions, please contact me at 615-532-0744.

Sincerely,

  
Becky Gorham

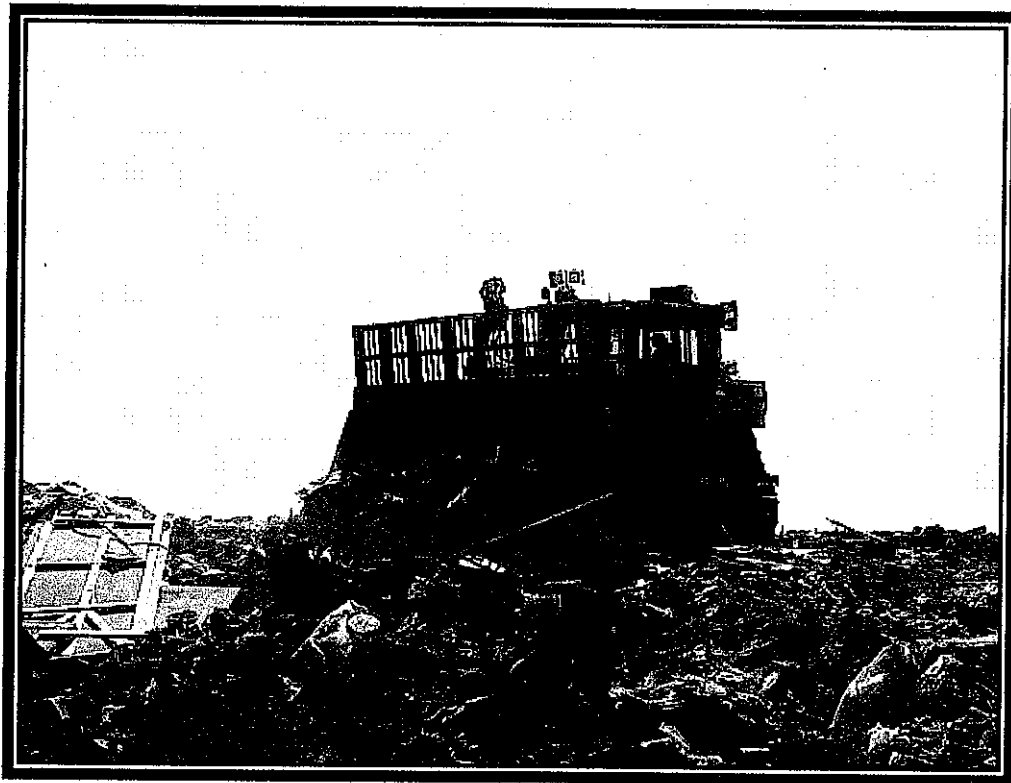
RPG:pag

cc: The Honorable Robert Dedman, Wilson County Executive  
Mr. Bill Arnold, Wilson County Landfill Manger  
Mr. Phil Armor, (SWM), Greater Nashville Regional Council  
Ms. Geneil Dillehay, Consultant  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center

**WILSON COUNTY**  
**SOLID WASTE PLANNING REGION**

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**SOLID WASTE REGIONAL PLAN**



*Wilson County Class III/IV Landfill*

**FIVE-YEAR UPDATE**

**June 18, 2001**

**Prepared by**

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

**WILSON COUNTY SOLID WASTE PLANNING REGION**

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

**JUNE 18, 2001**

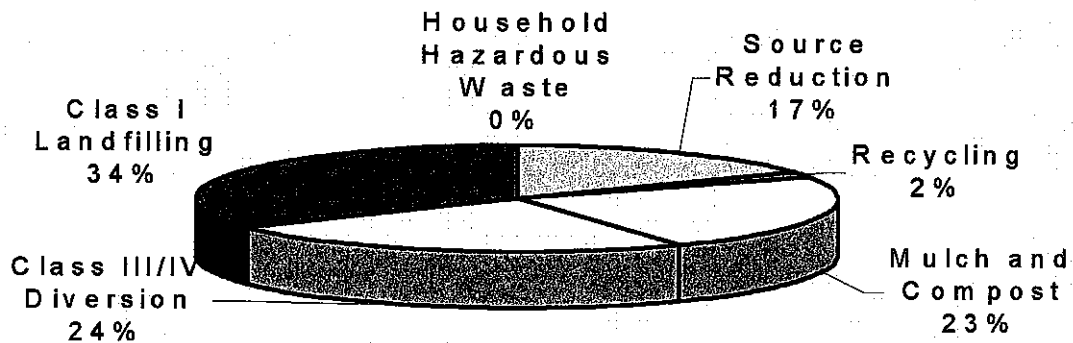
**Prepared by**

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



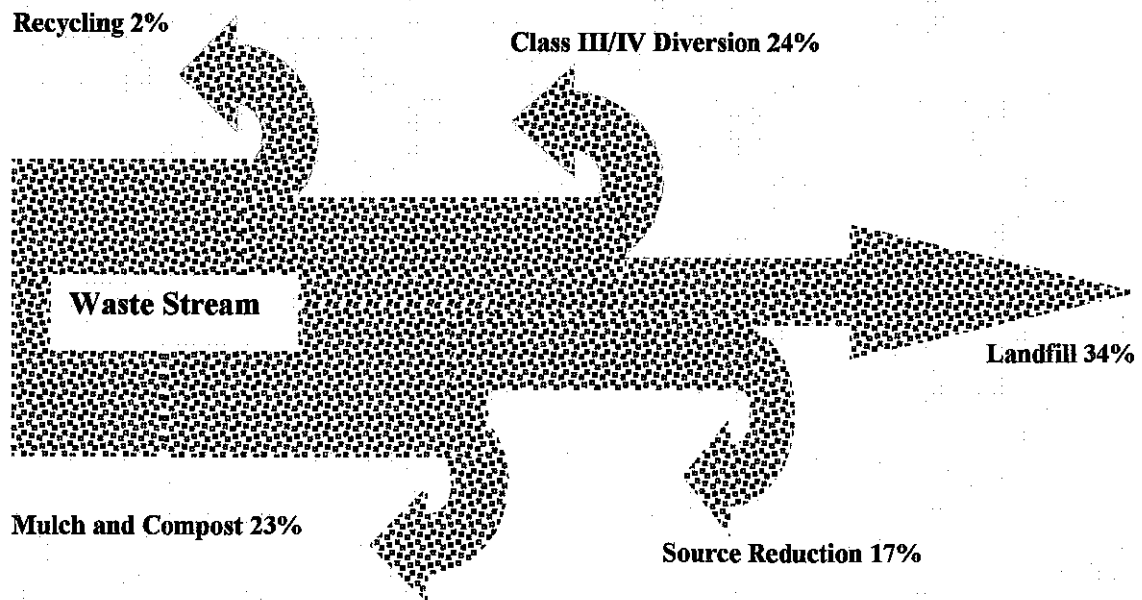
A pie chart representation of the information in Table I-7 follows as Figure I-1:

**Figure I-1 Pie Chart Representation of Wilson County Waste Management Activities for Calendar Year 2000**



A flow diagram of this waste management methodology for calendar year 2000 is shown as Figure I-2.

**Figure I-2 Flow Diagram of Current Solid Waste Management Methodology For Wilson County Solid Waste Planning Region**



### Problem Waste Collection

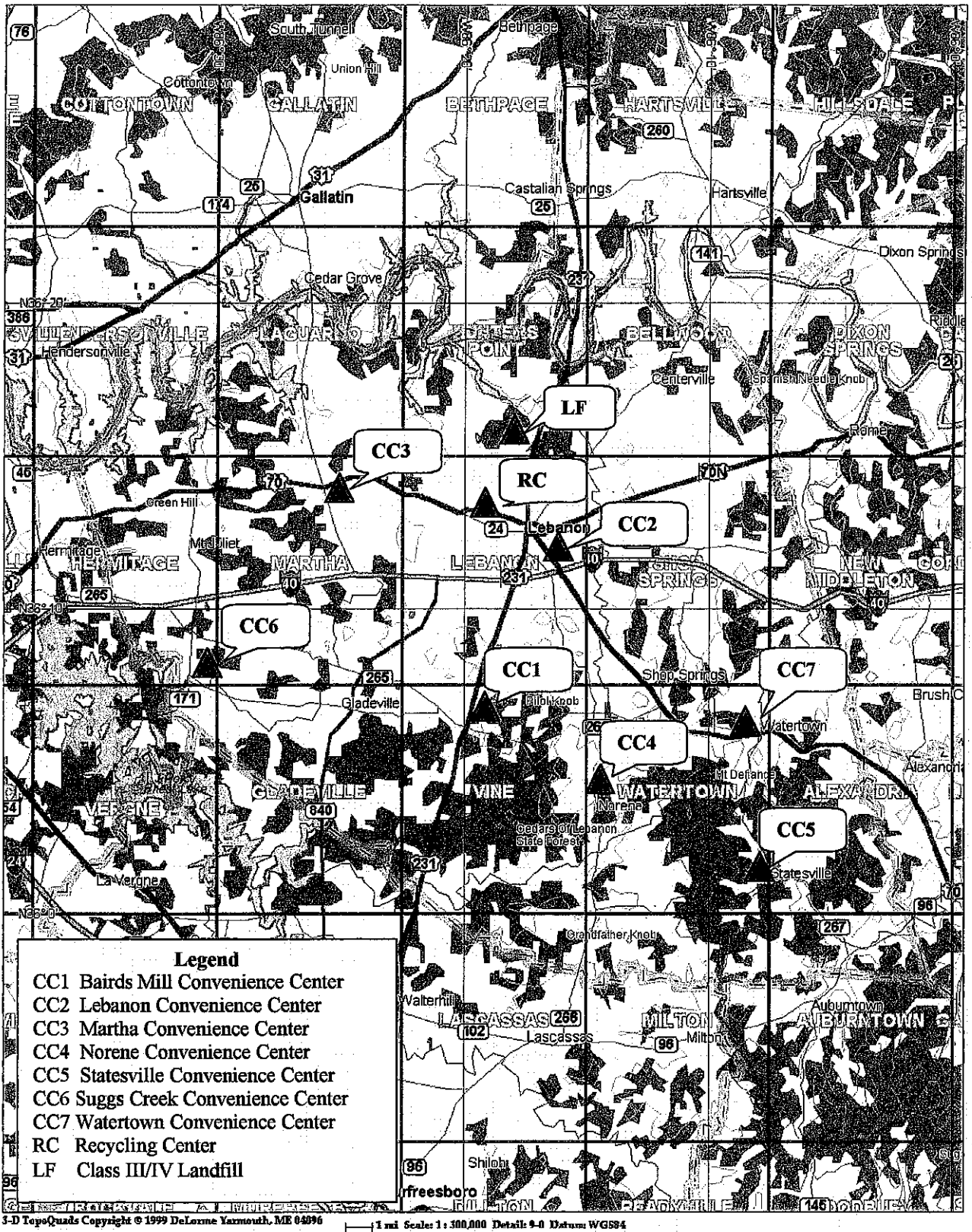
Wilson County has in-place or has assured the existence of programs for the collection of problem waste such as tires, used oil, automotive fluids and batteries. In 2000 there were approximately 588.8 tons of used automotive tires diverted to Class III/IV disposal. About 12.74 tons of batteries were collected in 2000. No tally is maintained by the region of used oil or used automotive fluid recycling.

Sites for the collection of used oil and other automotive fluids are available throughout the county at Tractor Supply in Lebanon, private vehicle repair garages and at privately operated oil change facilities, and auto supply stores. In addition Continental Oil and other commercial oil recyclers have established service routes for used oil collection from public as well as private fleet maintenance facilities.

### Illegal Dumps and Litter Cleanup

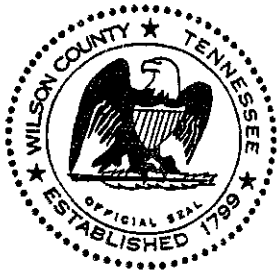
The region does not conduct formal surveys of roadside dumps. However, upon finding a one or having one reported the Wilson County Solid Waste Department; the Wilson County Highway Department and/or the Wilson County Sheriff's department responds as needed. Additionally, the Wilson County sheriff's Department maintains two litter patrols using litter officers to supervise county trustees to pick-up litter on the roadside. If warranted, information on roadside dumping is turned over to a Tennessee Highway Patrol Litter Officer or to the Tennessee Department of Environment and Conservation. The Tennessee Highway Patrol Litter Officer serving Wilson County is currently Sergeant Jim Piercey, he can be reached at the main administrative offices of the Tennessee Highway Patrol in Nashville at the following telephone number: (615) 741-3181 Ext. 101. To date these dumps have been few in number and minor in extent. If at some time in the future there is a noticeable increase, the region may devise a system for accounting for these sites.

The Wilson County Sheriff's Department provides for the salaries of two litter officers, the Wilson County Road Department and the Wilson County Solid Waste Department provide for the salaries of two additional litter officers for a total of four litter officers operating in the county. In addition to supervision of county trustee litter crews, these officers coordinate the pick-up of litter by Adopt-a-Highway groups and volunteer citizen groups.



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





*Serving Lebanon  
Mt. Juliet  
Watertown*

*Jim Goodall*  
County Clerk • Wilson County

P.O. Box 950 • Lebanon, Tennessee 37088-0950

615/444-0314

June 19, 2001

This is to certify that this is an exact copy of the original resolution which is on file in the Wilson County Clerk's office. This resolution is the resolution creating a municipal solid waste planning region for Wilson County.

This was passed and filed on December 24, 1992 by a roll call vote of 15 for, 5 against and 3 absent.

*Jim Goodall by Donna Porter D. C.*  
Jim Goodall, Wilson County Clerk  
Donna Porter, Deputy Clerk

# WILSON COUNTY BOARD OF COMMISSIONERS MINUTES

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS, A. D., 19  
OF WILSON COUNTY, TENNESSEE  
CREATING A MUNICIPAL SOLID WASTE PLANNING REGION  
FOR WILSON COUNTY

WHEREAS, the adoption of the Subtitle D landfill regulations by the United States Environmental Protection Agency and companion regulations adopted by the Tennessee Solid Waste Control Board will impact on both the cost and method of disposal of municipal solid waste; and

WHEREAS, at the urging and support of a coalition of local government, environmental, commercial, and industrial leaders, the 97th Tennessee General Assembly enacted T.C.A. 68-211-801, et. seq. titles "Solid Waste Management Act of 1991"; and

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

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

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

WHEREAS, the Board of County Commissioners of Wilson County, Tennessee is given consideration to the needs assessment prepared by the Greater Nashville Regional Council Development District; and

WHEREAS, T.C.A. 68-211-813, requires that counties in the State of Tennessee form municipal solid waste regions no

**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Martin Cummings  
Chairman  
Wilson County Planning Commission  
2923 Hwy. 109 North  
Lebanon, 37087

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

Dear Mr. Cummings:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

Wilson County Regional Solid Waste Planning Board  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Rick Gregory  
Chairman  
City of Lebanon Planning Commission  
200 Castle Heights Ave. North  
Lebanon, TN 37087

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

Dear Mr. Gregory:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County  
Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the  
Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone  
(615) 444-0632.

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County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written  
comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman



**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Bob Daniel  
Chairman  
City of Mt. Juliet Planning Commission  
P.O. Box 256  
Mt. Juliet, 37121

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

Dear Mr. Daniel:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

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Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. James Vann  
Chairman  
City of Watertown Planning Commission  
106 Public Square  
Watertown, 37184

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

Dear Mr. Vann:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

***William S. (Billy) Bass***

Smith County Executive  
122 Turner High Circle  
Suite 100A  
Carthage, TN 37030

June 15, 2001

Mr. Robert Dedman, Wilson County Executive  
Wilson County Courthouse  
228 East Main Street  
Lebanon, Tennessee 37087

Re: Solid Waste Disposal Capacity Assurance


Dear Mr. Dedman:

This letter is to confirm that Smith County is willing to contract with Wilson County for solid waste disposal services through the next ten-year planning period. This contract would be subject to terms and conditions satisfactory to both parties.

Smith County has approximately 1 year left in the landfill cell used for current operations. We have under construction a new cell which will provide an additional estimated 2.5 years of capacity and we are in the process of permitting additional area which will provide landfill capacity in excess of 20 years at the current air space utilization rate.

Should you have any questions or need further information, please do not hesitate to contact me.

Sincerely,



William S. (Billy) Bass  
Smith County Executive

Cc: files

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

**Region Name: Wilson County MSW Planning Region**

**Robert Dedman**

**Typed Name of the Chairman of the Solid Waste Planning Region**

*Robert Dedman*

**Signature of the Chairman of the Solid Waste Planning Region**

*6-22-01*

**Date**

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

**Robert Dedman**

**Typed Name of the County Executive(s)**

*Robert Dedman*

**Signature of the County Executive(s)**

*6-22-01*

**Date**

**SUBMIT THE ORIGINAL OF THIS REPORT AND ONE COPY TO:**

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



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

March 5, 2001

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

Mr. Robert Dedman  
Chairman, Wilson Co. Municipal SW Planning Region  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, TN 37087

RE: Five-year Update to Ten-year Solid Waste Plan  
Wilson County SW Region 45  
Region Member(s): Wilson  
Update Due — May 7, 2001

Dear Mr. Dedman:

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 Wilson County Region's Ten-year plan was approved on May 7, 1996; therefore, your Five-year Update is due to this office by *May 7, 2001*. Please note that the Update is expected to consider the next Ten-year planning horizon, and will become your current Ten-year Plan upon approval by this office.

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment was due by September 30, 1992 with revisions due by April 1, 1999 and every five years after that. The SW Needs Assessment for the counties and municipalities within your region was received on April 6, 1999. Please contact Mr. Phil Armor with the Greater Nashville Regional Council 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 questions please contact Becky Gorham with Division of Community Assistance at 615-532-0744.

Sincerely,

A handwritten signature in cursive script that reads "Ron Graham".

Ron Graham  
Director

RG:RPG:lr

C: The Honorable Robert Dedman, Wilson County Executive  
Mr. Phil Armor, Greater Nashville Regional Council  
Mr. Bill Arnold, Landfill Manger, Wilson County  
Mr. Mike Stooksberry, SW Management Consultant  
Mr. Chuck Head, Manager, Nashville 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 20, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, Tennessee 37087

Dear Mr. Dedman,

Thank you for your submission of the Wilson County Municipal SW Planning Region County Five-year Update. I have reviewed this document and have noted some items that require submission of additional information before the Division can accept the Update. Please submit the information as quickly and accurately as possible to ensure prompt processing of your document. Guidance for completion are addressed in the following paragraphs.

Chapter 3, Page 42  
Sections 5 and 6

For both of these paragraphs, please provide a discussion of how these trends are expected to affect the waste stream.

Chapter 6, page 58  
Section 4

This section only addresses the export to the Smith County Class 1 facility and made minimal reference to the other facilities that the Region is exporting waste to. Which disposal facilities do not have a life expectancy of at least ten years? How will this affect planned capacity assurance?

Information should be submitted to this office by 21 September 2001. If you have further questions, please contact me at 615-532-8004.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Canada". The signature is fluid and cursive, with the first name "Brian" being more prominent than the last name "Canada".

Brian Canada  
Waste Reduction Section

cc: The Honorable Robert Dedman, County Executive  
Mr. Bill Arnold, Wilson County Landfill Manager  
Mr. Phil Armor, (SWM), Greater Nashville Regional Council  
Ms. Geneil Dillehay, Consultant  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center



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

September 24, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, Tennessee 37087

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

If you have questions or need our assistance, please contact the Division of Community Assistance at (615) 532-8004.

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Brian Canada  
Waste Reduction Section

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Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center



**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
PO Box 2489, Lebanon, TN 37088  
(615) 444-8360



September 5, 2001

Mr. Ron Graham  
Division of Community Assistance  
L & C Tower, 8<sup>th</sup> Floor  
401 Church St.  
Nashville, TN 37243-0455

Regarding: Wilson County Municipal Solid Waste Planning Region response to Tennessee Department of Environment and Conservation- Division of Community Assistance comments on Five-Year update to Ten year Plan.

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*Chapter 3, Page 42*  
*Sections 5 and 6*

*For both of these paragraphs, please provide a discussion of how trends are expected to affect the waste stream.*

Section 5- The following sentence should be added to the paragraph included in this section of the Region's plan:

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

Section 6- The following sentence should be added to the paragraph included in this section of the Region's plan:

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

**Chapter 6, page 58**

**Section 4**

*This section only addresses the export to the Smith County Class I facility and made minimal reference to the other facilities that the Region is exporting waste to. Which disposal facilities do not have a life expectancy of at least ten years? How will this affect planned capacity assurance?*

According to the TDEC-DSWM Remaining Life Survey of Class I Waste disposal Facilities, the facility being utilize to assure Class I solid waste disposal by the region, the Smith County Landfill, has planned disposal capacity that is less than ten years. However, this facility is currently being expanded and new airspace is being permitted which will assure over ten years of additional capacity for the region. A copy of the letter from the Smith County Executive expressing the willingness of Smith County to continue to contract with the Region for Class I disposal capacity was included in Appendix V of the Five-Year Update. A table showing the remaining life of the Smith County landfill, as well as other Class I landfill's currently receiving waste generated within the region is as follows.

| Landfill                              | SNL #           | County Owned |   | Disposal Cost/ton | Life Expectancy |
|---------------------------------------|-----------------|--------------|---|-------------------|-----------------|
|                                       |                 | Y            | N |                   |                 |
| Smith County Landfill                 | SNL 80-107-0227 | X            |   | 26.00             | 2 yrs. 5 mos.   |
| Middlepoint                           | SNL 75-102-0219 |              | X | 28.00             | 13 yrs.         |
| Cedar Ridge                           | SNL 59-102-0238 |              | X | 34.40             | 11 yrs.         |
| West Camden                           | SNL 03-101-0247 |              | X | 30.00             | 1 yr. 4 mos.    |
| Ohio County Landfill<br>Owensboro, KY | Not Applicable  |              |   |                   |                 |

Source: Landfill life estimates based on queries of individual landfills and differs from that shown in the TDEC-Division of Solid Waste Management 2001 Remaining Life Survey.

The region utilizes the Smith County Landfill to assure Class I disposal capacity. Even so, as a matter of convenience, the region hauls some Class I waste to BFI's Middlepoint landfill from convenience centers located in the southern portions of the county, however the region does not depend upon this facility to assure disposal capacity. Private haulers operating within the region utilize the Class I landfills listed. In the unlikely event that these haulers cease to operate in Wilson County, the extensive network of convenience centers maintained by Wilson County is available to all county residents for solid waste collection. Sufficient capacity exists at the county's convenience centers and at the Smith County Class I Landfill to handle any waste generated by county residents. Additionally, should economical and environmentally sound Class I Landfill space cease to be available, Wilson County holds a permit for a Class I landfill which could be constructed and operational within 90 days.

Should you have questions regarding this information you may contact me or Mr. Bill Arnold, Wilson County Solid Waste Director: (615) 444-8360.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Dedman". The signature is written in a cursive, flowing style.

Robert Dedman,  
County Executive and  
Regional Municipal Solid  
Waste Board Chair



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 20, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, Tennessee 37087

Dear Mr. Dedman,

Thank you for your submission of the Wilson County Municipal SW Planning Region County Five-year Update. I have reviewed this document and have noted some items that require submission of additional information before the Division can accept the Update. Please submit the information as quickly and accurately as possible to ensure prompt processing of your document. Guidance for completion are addressed in the following paragraphs.

Chapter 3, Page 42  
Sections 5 and 6

For both of these paragraphs, please provide a discussion of how these trends are expected to affect the waste stream.

Chapter 6, page 58  
Section 4

This section only addresses the export to the Smith County Class 1 facility and made minimal reference to the other facilities that the Region is exporting waste to. Which disposal facilities do not have a life expectancy of at least ten years? How will this affect planned capacity assurance?

---

Information should be submitted to this office by 21 September 2001. If you have further questions, please contact me at 615-532-8004.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian Canada". The signature is fluid and cursive, with the first name "Brian" being more prominent than the last name "Canada".

Brian Canada  
Waste Reduction Section

cc: The Honorable Robert Dedman, County Executive  
Mr. Bill Arnold, Wilson County Landfill Manager  
Mr. Phil Armor, (SWM), Greater Nashville Regional Council  
Ms. Gencil Dillehay, Consultant  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

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

July 5, 2001

Mr. Robert Dedman, Chairman  
Wilson Co. Municipal SW Planning Region 95  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, TN 37087

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

Dear Mr. Dedman:

Thank you for your submission of the Wilson Co. Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on June 26, 2001. Division staff will complete the review within the next 90 days as required by The Solid Waste Act of 1991.

If you need additional information or have further questions, please contact me at 615-532-0744.

Sincerely,

  
Becky Gorham

RPG:pag

cc: The Honorable Robert Dedman, Wilson County Executive  
Mr. Bill Arnold, Wilson County Landfill Manger  
Mr. Phil Armor, (SWM), Greater Nashville Regional Council  
Ms. Geneil Dillehay, Consultant  
Mr. Mike Stooksberry, SW Management Consultant, CTAS  
Mr. Charles Jobe, Environmental Coordinator, Nashville Environmental Assistance Center



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

March 5, 2001

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

Mr. Robert Dedman  
Chairman, Wilson Co. Municipal SW Planning Region  
County Courthouse, RM 104  
228 East Main Street  
Lebanon, TN 37087

RE: Five-year Update to Ten-year Solid Waste Plan  
Wilson County SW Region: 9.5  
Region Member(s): Wilson  
Update Due — May 7, 2001

Dear Mr. Dedman:

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 Wilson County Region's Ten-year plan was approved on May 7, 1996; therefore, your Five-year Update is due to this office by *May 7, 2001*. Please note that the Update is expected to consider the next Ten-year planning horizon, and will become your current Ten-year Plan upon approval by this office.

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment was due by September 30, 1992 with revisions due by April 1, 1999 and every five years after that. The SW Needs Assessment for the counties and municipalities within your region was received on April 6, 1999. Please contact Mr. Phil Armor with the Greater Nashville Regional Council 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 questions please contact Becky Gorham with Division of Community Assistance at 615-532-0744.

Sincerely,

Ron Graham  
Director

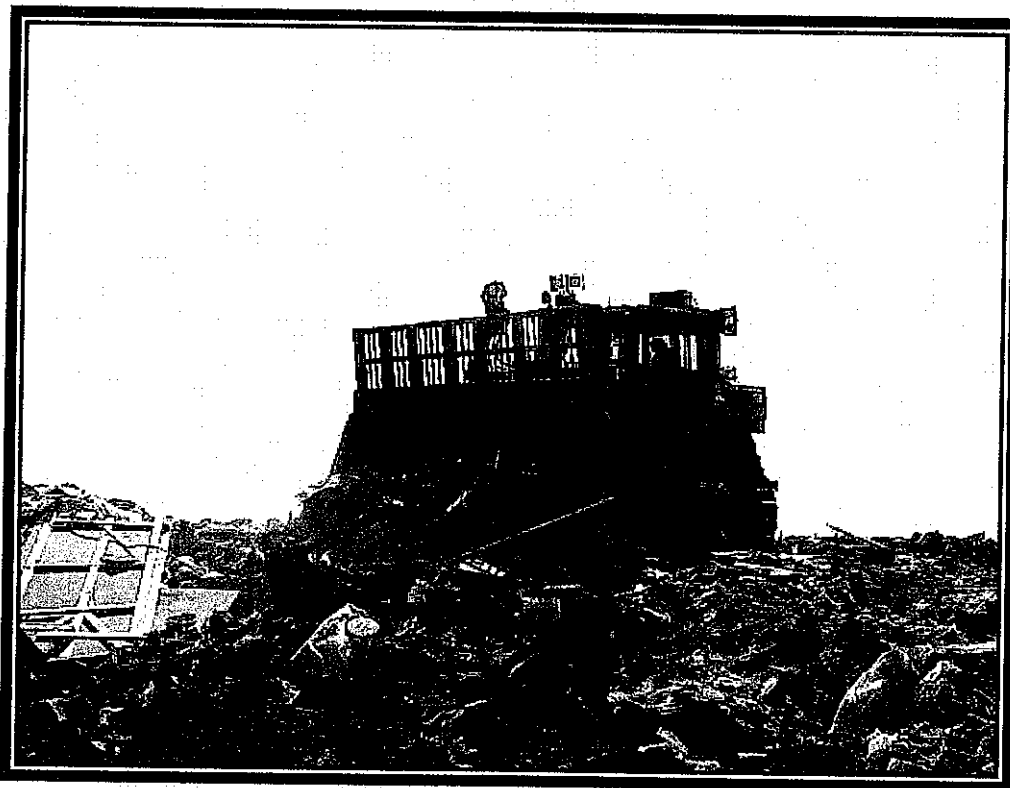
RG:RPG:lr

C: The Honorable Robert Dedman, Wilson County Executive  
Mr. Phil Armor, Greater Nashville Regional Council  
Mr. Bill Arnold, Landfill Manger, Wilson County  
Mr. Mike Stooksberry, SW Management Consultant  
Mr. Chuck Head, Manager, Nashville Environmental Assistance Center

**WILSON COUNTY  
SOLID WASTE PLANNING REGION**

---

**SOLID WASTE REGIONAL PLAN**



*Wilson County Class III/IV Landfill*

**FIVE-YEAR UPDATE**

**June 18, 2001**

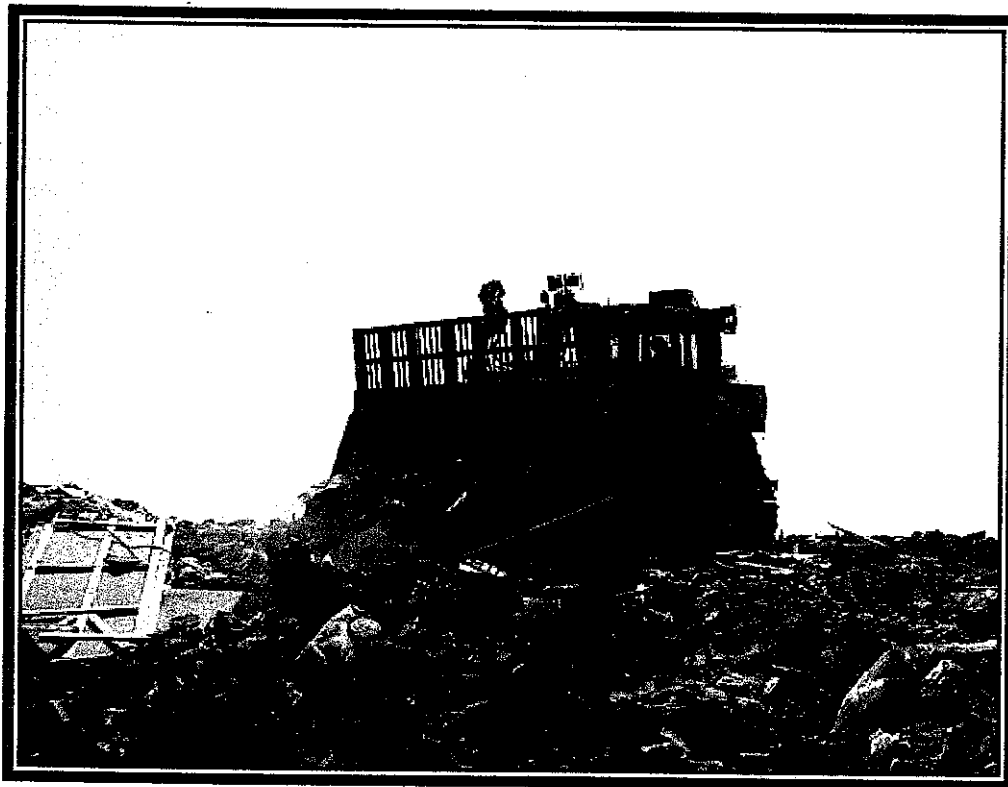
**Prepared by**

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



**WILSON COUNTY  
SOLID WASTE PLANNING REGION**

**SOLID WASTE REGIONAL PLAN**



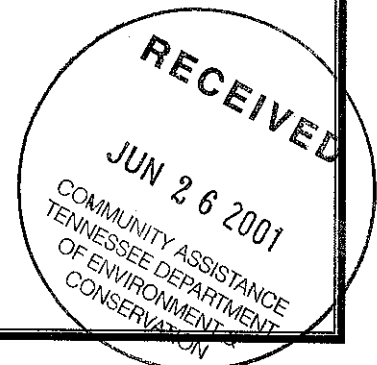
*Wilson County Class III/IV Landfill*

**FIVE-YEAR UPDATE**

**June 18, 2001**

Prepared by

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



**WILSON COUNTY SOLID WASTE PLANNING REGION**

---

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

**JUNE 18, 2001**

**Prepared by**

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

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Appendix II: Region Formation Resolution

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Appendix IV: Documentation Regarding Public Notice, Public Hearing and Plan Approval

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Appendix VI: Certification of Accuracy For Information Included In The Five-year Update To The Wilson County Ten Year Solid Waste Region Plan

## INTRODUCTION

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

Wilson County formed a single county solid waste planning region in December 1992 by resolution of the county's legislative body. Then, according to the mandates of the Solid Waste Management Act of 1991, the municipalities in the region appointed a regional board. This board completed preparation of the region's ten-year solid waste plan. This plan was submitted on 14 April 1995 and subsequently approved by the State of Tennessee.

In addition to preparation of the region's ten-year solid waste management plan, further provisions of the Solid Waste Management Act of 1991 require that solid waste planning regions:

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

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

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



## CHAPTER 1: Summary

### Overview

Wilson County is contiguous to a major metropolitan area in the Southeastern United States, Davidson County, Tennessee. Wilson County enjoys and benefits from an excellent transportation system including interstate highway, railroad lines and barge traffic. Growth has been great due to economic developments and industrialization associated with the area. More reasonable property values than those seen in Davidson County and the largely rural environment of Wilson County have promoted the growth of the residential population of the county. The unemployment rate for Wilson County is consistently low and the perceived quality of life experienced by residents is high.

One human health and environmental need, which significantly affects the perceived quality of life associated with any community, is adequate solid waste management. Wilson County has a history of proactively managing solid waste. In December 1993 the Wilson County Commission passed a resolution creating the Wilson County Solid Waste Planning Region. A list of the political entities included in the Wilson County Solid Waste Planning Region with their approximate population is as follows:

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

| CITY/TOWN    | POPULATION    |
|--------------|---------------|
| Lebanon      | 20,235        |
| Mt. Juliet   | 12,366        |
| Watertown    | 1,358         |
| Remainder    | 54,850        |
| <b>Total</b> | <b>88,809</b> |

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

When Wilson County submitted the original Wilson County Municipal Solid Waste Planning Region Ten Year Plan records indicated that in 1991 waste was managed according to the methodology summarized in Table I-2.

Table I-2 Wilson County Solid Waste Management Methodology For Calendar Year 1991

| Waste Management Method                     | Tons Per Year    | %                |
|---|------------------|------------------|
| Reduced                                     | Not quantifiable | Not quantifiable |
| Recycled                                    | Not quantifiable | Not quantifiable |
| Composted/Mulched                           | Not quantifiable | Not quantifiable |
| Diverted (other than Class III/IV disposal) | Not quantifiable | Not quantifiable |
| Class III/IV Disposal                       | Not quantifiable | Not quantifiable |
| Class I Disposal                            | 47,700           | 63.2             |
| Unmanaged *                                 | 27,800           | 36.8             |
| <b>Total</b>                                | <b>75,500</b>    | <b>100.0</b>     |

\* Estimated by subtracting waste managed from projected waste generated in region. Projected waste generated in region was based on 1993 Needs Assessment.

The region's goals for managing its waste in 2003 as set forth in the 1994 Regional Solid Waste Plan were as follows:

|                          |                     |
|--------------------------|---------------------|
| Recycling and Composting | 7.3% (4,297 tons)   |
| Diversion /Reduction     | 18.9% (11,153 tons) |
| Class I Landfilling      | 73.8% (43,593 tons) |

### Current Solid Waste Management Strategy

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

- ① Operation of seven convenience centers for collection of solid waste, recyclables and problem waste over the Region;
- ① Maintenance of a recyclables drop-off point in the city of Lebanon;
- ① Provision of a Class III/IV Landfill in the Region for the diversion and some recycling of construction and demolition waste.
- ① Promotion of residential, commercial and industrial recyclables collection for disposal in local and nearby recyclables markets.

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

### Waste Stream Generation and Characteristics

The Development District Needs Assessment provided the numbers presented in Table I-3 for waste generation according to the original Plan. The original data is significantly skewed towards residential generation. This lends credence to the concept that much of the commercial, institutional and industrial waste at that time was being managed by commercial



solid waste entities, who, for various reasons, did not account for and report this waste as being generated by the region. Current reporting trends and knowledge of the market show the actual generation to be closer to the national averages, when other than residential waste is considered in the equation. Wilson County's 1999 waste distribution according to source should fall into the following classifications at the percentages shown in Table I-3.

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

| Waste Source             | 1993%*      | 1999%**    |
|--------------------------|-------------|------------|
| Residential              | 74%(35,300) | 23         |
| Commercial/Institutional | 9% (4,300)  | 48         |
| Industrial               | 17% (8,100) | 29         |
| Other                    | 0           | 0          |
| <b>Total</b>             | <b>100</b>  | <b>100</b> |

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

\*\*Source: EPA contracted study

### Solid Waste Collection

In 1994 the Wilson County Solid Waste Planning Region established that 100% of the residents in the region had solid waste collection service available to them through city or county collection programs. While these existing programs meet the state's solid waste collection requirements, Wilson County continues to enhance solid waste collection opportunities as needed.

Currently, Wilson County operates seven convenience center around the Region, providing residential garbage and recyclables drop-off service to all residents of the county. Additionally, the county operates a recyclables-only drop-off collection center at the Kroger shopping center in the city of Lebanon. The county also collects solid waste for transfer and disposal to Class I landfills; used carpet padding and batteries for recycling; and yard waste, clean-untreated wood waste and brush for chipping at the County's Class III/IV landfill.

The locations of the county's convenience centers, recycling centers and Class III/IV landfill are included as Figure I-3.

The City of Lebanon provides its residents with curbside garbage collection service with special provisions for enhanced service for handicapped individuals. This garbage collection service is funded through the city's sanitation department. The city also provides residents with leaf and yard waste collection and an annual spring clean-up month for collection of large and bulky items. These programs are administered and funded through the city's public works department and are not financially segregated from other public works activities.

The City of Mt. Juliet operates a chipping service for yard waste for its residents. The city does not provide solid waste collection or disposal service.

The City of Watertown does not provide solid waste collection or disposal service for its residents.

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

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

| County/<br>City/Town  | Service<br>Recipient                   | Service Provided  | How<br>Financed  | Accounting   | When<br>Instituted      | Legal<br>Authority |
|-----------------------|--|---|--|--|-------------------------|--------------------|
| Wilson<br>County      | All residents<br>of the County         | Solid Waste Collection-<br>Convenience Center<br>Collection (eight locations<br>in Region including Class<br>III/IV Landfill) of<br>residential refuse, and<br>recyclables. One location<br>recyclables only (Kroger<br>Store). Class I waste<br>hailed to Smith County<br>Landfill and to<br>Middlepoint Landfill in<br>Rutherford County<br>currently owned by Allied<br>Waste. | Class I solid<br>waste<br>collection and<br>disposal<br>financed<br>through<br>property tax. | Standard<br>Chart of<br>Accounts for<br>County<br>Government,<br>Special<br>Revenue Fund | 1996                    | TCA 68-<br>211-835 |
| City<br>of<br>Lebanon | Residents of<br>the City of<br>Lebanon | Residential- Once per<br>week curbside collection of<br>refuse by the City of<br>Lebanon, hauled to<br>Middlepoint Landfill in<br>Rutherford County.  | Paid for<br>through<br>General Fund<br>transfer to<br>sanitation fund.                       | Standard<br>Chart of<br>Accounts for<br>City<br>Government.                              | Since<br>before<br>1990 | City<br>Charter    |

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

#### Source Reduction

Industrial source reduction is an important component of many industrial, institutional and commercial establishments in Wilson County. Wilson County's burgeoning economy has not only spurred the expansion and development of existing and new business and industry in Wilson County but in-house recycling and reduction programs as well. Wilson County's close proximity to some of the large recycling markets of Nashville encourages many commercial, industrial and institutional establishments to contract directly with these markets for recycling services. In calendar year 2000 the Wilson County Solid Waste

Department surveyed local business and industry for waste reduction programs and activities and the associated tonnage for calendar year 1999. Approximately 35% of the businesses solicited responded to this survey. As a result of commercial and industrial waste reduction activities, an estimated 28,269.1 tons of waste from industrial and commercial activities never entered the waste stream and was diverted from Class I landfill disposal. An aggregate of the results of this survey is as follows.

*Based on  
35% or  
adjusted  
poll?*

| <b>Material</b>       | <b>Amount</b>   |
|-----------------------|-----------------|
| Cardboard             | 6,359.3         |
| Paper                 | 5,426.4         |
| Metals                | 13,699.7        |
| Wood                  | 1,966           |
| Carpet/Carpet Padding | 32.5            |
| Plastics              | 759.2           |
| Other                 | 26              |
| <b>Total</b>          | <b>28,269.1</b> |

### Recycling

The Wilson County Solid Waste Department maintained and operated nine recycling collection centers in Wilson County in 2000 including the convenience centers, the Class III/IV landfill and the recycling drop-off center at the Kroger Store. Appendix III includes a list of the referenced recycling drop-off collection points as well as a summary of the materials that were collected at these facilities during calendar year 2000. The Wilson County Solid Waste Department collects and hauls materials directly to the North Central Recycling (NCR) facility from the convenience centers operated by the county. Some Wilson County businesses haul directly to the NCR facility as well. The total tons of material collected and recycled from Wilson County's recycling drop-off sites by NCR in 2000 was 2658.31 tons. An additional 35 tons of cardboard was collected in Wilson County and delivered to the NRC facility directly by Commercial establishments in Wilson County. This indicates that a total of 2693.31 tons of material was collected by Wilson County and processed for recycling by NCR in calendar year 2000. Additional commercial and industrial facilities contracted for material recycling directly with end-users such as Jefferson-Smurfitt unfortunately no records of these amounts are available.

*2693.317*

### Composting and Mulching

A portion of the waste received at the Wilson County Class III/IV landfill in calendar year 2000 was yard waste, leaves and brush. This waste was separated and chipped for mulch and compost. This material was delivered to the facility by private garbage haulers, local residents and Middle Tennessee Electric Membership Cooperative (MTEMC). This mulch and compost program diverted approximately 205.16 tons in calendar year 2000 from Class I landfills. The mulch and compost material generated by this program is available to Wilson County residents and local governments within Wilson County on a first come, first serve basis. Any residual material that has not been utilized by Wilson County residents or local

*205.16 divert  
- why the vast  
difference w/  
the numbers on  
page 8?*

governments is used for soil stabilization and in facilitating the establishment of vegetative cover at the landfill. Additionally, the City of Lebanon operates a leaf and yard waste collection program and the City of Mt. Juliet operates a yard waste collection program. The city of Lebanon diverts approximately 2,449 tons per year through its leaf and yard waste diversion efforts and the City of Mt. Juliet diverts approximately 502 tons per year through its yard waste diversion program. In addition to brush delivered to the Wilson County Class III/IV landfill by MTEMC, the electric utility also generates additional brush material as part of their right-of-way clearing operations. This additional material is delivered to area farms and is used by these farmers as a soil amendment and for soil stabilization. According to MTEMC records this activity diverted approximately 35,959 additional tons from Class I landfill disposal.

2449  
502  
29517  
? Not 205.167  
as previous  
page indicates.

over 10 years? or delivery to farmers?

Waste Diversion

During calendar year 2000 approximately 38,609.1 tons of waste were diverted to Class III/IV disposal in the Wilson County Class III/IV landfill. Included in this total was 205.16 tons of brush, yard waste and clean wood waste which was separated out and chipped for mulch and composting. This activity has been described in the preceding paragraph titled Composting and Mulching. Additional Class IV waste was diverted to Southern Sanitation Class IV landfill in Davidson County. This facility's records for calendar year 2000 indicate that an additional 10,649.0 cubic yards of Class IV material was disposed of at this site from Wilson County. Applying a 4:1 ration of cubic yards to tons, it is estimated that approximately 2,662.25 tons of Class IV material was disposed at this site. The total for waste originating from Wilson County and disposed of in Class III and IV landfills is 41,271.35 tons. A summary of the waste reduction programs and the tonnage diverted by these programs in 2000 is summarized as follows in Table 1-5.

From PG  
7

No discussion of  
household haz.  
waste.

Table I-5 Waste Reduction Programs and Tonnage Reduced or Diverted in Calendar Year 2000

| Activity  | Tons Diverted     |
|---|-------------------|
| Source Reduction  | 28,269.1          |
| Recyclables:  |                   |
| Wilson County Drop-off Recycling Program                      | 2,658.31          |
| Recyclables hauled to NCR facility directly- Cardboard        | 35                |
| Subtotal  | (2,693.31)        |
| Leaf/Yardwaste/Brush/ Processed Mulch/Compost:                |                   |
| Wilson County Landfill- Yardwaste and Brush Diversion Program | 205.16            |
| MTEMC Brush Diversion   | 35,959*           |
| City of Lebanon   | 2,449*            |
| City of Mt. Juliet  | 502*              |
| Subtotal  | (39,115.16)       |
| Household Hazardous Waste                                     | 23.32             |
| Class III/IV Waste:   |                   |
| Wilson County Class III/IV Landfill*                          | 38,403.94         |
| Soil Products, Inc.   | 0                 |
| Southern Sanitation**   | 2,662.25*         |
| Subtotal  | (41,066.19)       |
| <b>Total</b>  | <b>111,167.08</b> |

\* Estimate based on cubic yards, tonnage estimation is based on a conversion factor of four cubic yards to one ton. Actual cubic yard estimate for the city of Lebanon was 9,796 cubic yards. Actual cubic yard estimate for the City of Mt. Juliet was 2006.4 cubic yards.

\*\* Records for Class IV waste disposed of at this facility were only available as cubic yards, tonnage estimation is based on a conversion factor of four cubic yards to one ton. Actual cubic yards reported from this facility for calendar year 2000 were 10,649.

*No operation  
Class I landfill Disposal*

In 1994 Wilson County was still operating a Class I landfill. Today, waste collected within the Wilson County Solid Waste Planning Region which is not reduced, recycled or diverted from Class I landfill disposal is transferred to Class I landfills outside the region. Waste generated and collected within the Region in calendar year 2000 for Class I disposal was directed to Class I waste disposal facilities as indicated in Table I-6.

Table I-6 Class I Landfills Utilized for Disposal of Class I Waste Generated Inside the Wilson County Municipal Solid Waste Planning Region for 2000

| Facility                                   | County                            | Tonnage               |
|--|-----------------------------------|-----------------------|
| BFI Middlepoint Landfill, Murfreesboro, TN | Rutherford County                 | 30,379.15             |
| Smith County Landfill                      | Smith County                      | 6,241.47              |
| Waste Management Transfer Station          | Benton County and Marshall County | 20,819.1              |
| Ohio County Landfill in Owensboro, KY      | Ohio County (KY)                  | (Not provided by AAA) |
| <b>Total Tonnage</b>                       |                                   | <b>57,439.72</b>      |

*Exported from Wilson Co.*

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

Table I-7 Wilson County Solid Waste Management Methodology For Calendar Year 2000

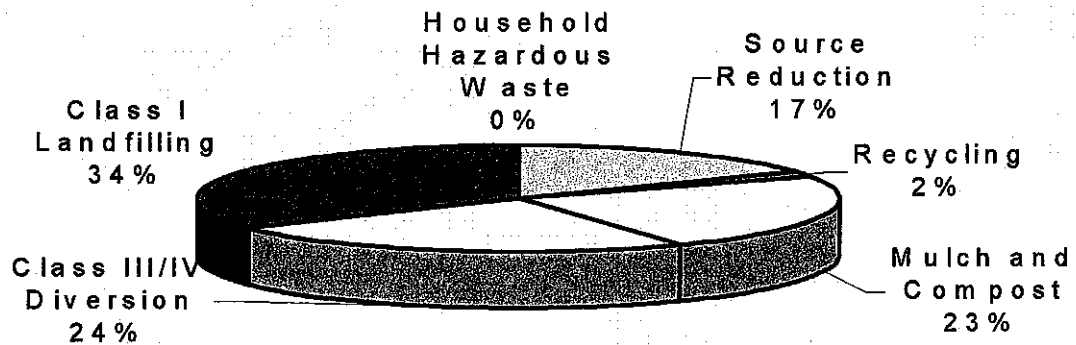
| Waste Method              | Management | Tons Per Year    | Percent of Total Waste Stream |
|---------------------------|------------|------------------|-------------------------------|
| Reduced                   |            | 28,269.1         | 16.8                          |
| Recycled                  |            | 2,693.31         | 1.6                           |
| Composted/Mulched         |            | 39,115.16        | 23.2                          |
| Class III/IV Diversion    |            | 41,066.19        | 24.4                          |
| Household Hazardous Waste |            | 23.32            | negligible                    |
| Class I Disposal          |            | 57,439.72        | 34.0                          |
| Unmanaged *               |            | negligible       | negligible                    |
| <b>Total</b>              |            | <b>168,606.8</b> | <b>100</b>                    |

\* The amount of unmanaged waste in the county, while unsightly, is negligible in comparison with other tonnages above. This assumption is based on visual observations of employees of the Wilson County Solid Waste Department and citizen complaints.

*How was HHW  
disposed?*

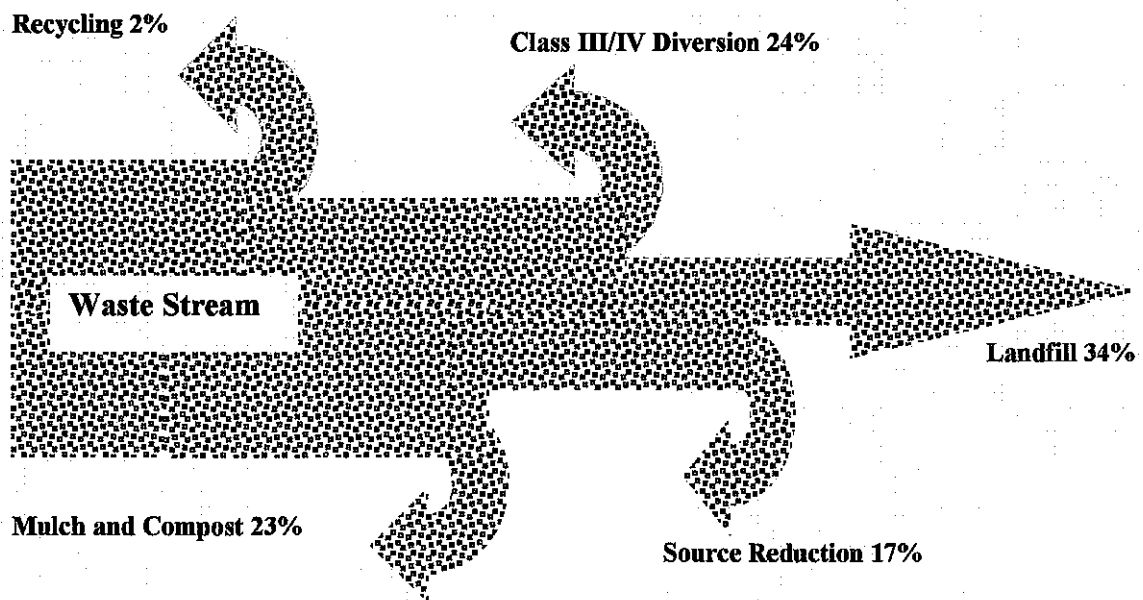
A pie chart representation of the information in Table I-7 follows as Figure I-1:

**Figure I-1 Pie Chart Representation of Wilson County Waste Management Activities for Calendar Year 2000**



A flow diagram of this waste management methodology for calendar year 2000 is shown as Figure I-2.

**Figure I-2 Flow Diagram of Current Solid Waste Management Methodology For Wilson County Solid Waste Planning Region**



### Problem Waste Collection

Wilson County has in-place or has assured the existence of programs for the collection of problem waste such as tires, used oil, automotive fluids and batteries. In 2000 there were approximately 588.8 tons of used automotive tires diverted to Class III/IV disposal. About 12.74 tons of batteries were collected in 2000. No tally is maintained by the region of used oil or used automotive fluid recycling.

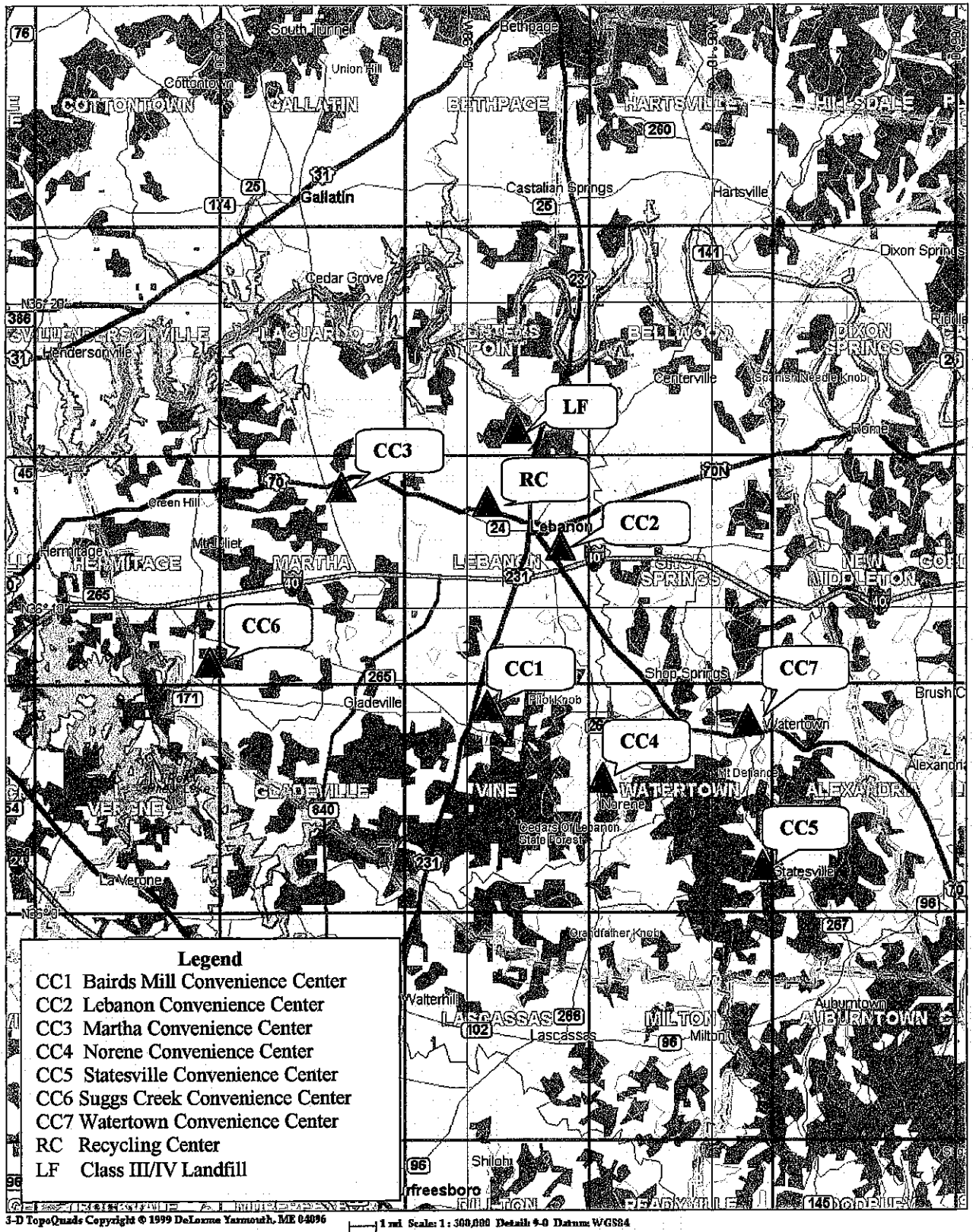
Sites for the collection of used oil and other automotive fluids are available throughout the county at Tractor Supply in Lebanon, private vehicle repair garages and at privately operated oil change facilities, and auto supply stores. In addition Continental Oil and other commercial oil recyclers have established service routes for used oil collection from public as well as private fleet maintenance facilities.

### Illegal Dumps and Litter Cleanup

The region does not conduct formal surveys of roadside dumps. However, upon finding a one or having one reported the Wilson County Solid Waste Department; the Wilson County Highway Department and/or the Wilson County Sheriff's department responds as needed. Additionally, the Wilson County sheriff's Department maintains two litter patrols using litter officers to supervise county trustees to pick-up litter on the roadside. If warranted, information on roadside dumping is turned over to a Tennessee Highway Patrol Litter Officer or to the Tennessee Department of Environment and Conservation. The Tennessee Highway Patrol Litter Officer serving Wilson County is currently Sergeant Jim Piercey, he can be reached at the main administrative offices of the Tennessee Highway Patrol in Nashville at the following telephone number: (615) 741-3181 Ext. 101. To date these dumps have been few in number and minor in extent. If at some time in the future there is a noticeable increase, the region may devise a system for accounting for these sites.

The Wilson County Sheriff's Department provides for the salaries of two litter officers, the Wilson County Road Department and the Wilson County Solid Waste Department provide for the salaries of two additional litter officers for a total of four litter officers operating in the county. In addition to supervision of county trustee litter crews, these officers coordinate the pick-up of litter by Adopt-a-Highway groups and volunteer citizen groups.





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



## Solid Waste Education

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

The Wilson County Sheriff's Department has been the provider of anti-litter education for years. The Sheriff's Department has four Litter Officers and two vans with trailers, which they use to collect litter. Two officers are paid directly out of the Sheriff's budget and the other two officers' salaries are funded by the Wilson County Highway Department and the Wilson County Solid Waste Department.

Both public school systems in Wilson County and Friendship Christian School, a private K-12 School, have incorporated instruction into their curricula on waste reduction alternatives and appropriate solid waste management methods. These curricula also promote resource conservation. These schools also provided additional education on solid waste management through extra curricular projects and activities.

The City of Lebanon Special School District teaches appropriate solid waste management and waste reduction as part of the class curricula at every grade level in the system (K-8). Each school promotes the planting of trees and plants, appropriate waste disposal, waste reduction, composting, recycling of paper and aluminum to help remind students and staff of the need to continue with ecology, science and health education throughout the year. All schools in the system observe earth day, each school observing in a way that would best benefit their grade levels. This school system is composed of the following five Schools: Walter J. Baird Middle School (grades seven and eight); Castle Heights Upper Elementary School (grades five and six); Byars Dowdy Elementary; Coles Ferry Elementary; and Sam Houston Elementary School (grades K-4).

Byars Dowdy Upper Elementary School has built a Nature trail on the campus grounds that gives hands on studies of the different plants that are native to the area and the unique ecological niche found in Wilson County known as Cedar Glades and Forests. In this school year one class in each of the second and fourth grades received a grant to start a butterfly garden. This grant included the incubation, hatching and release of butterflies on school grounds. This program focused on the importance of habitat preservation and resource conservation.

Walter J. Baird Middle School established, promotes and facilitates the meetings of a Naturalist Club. This club plants trees and plants on school grounds and learns how to tend and nurture plant growth in a natural setting. This group has received a grant to expand their activities further to promote resource conservation education and appropriate planting techniques and habitat management, through hands-on experience. This institution also

works with the Twin Iris Society in the beautification of school grounds with the maintenance of a large iris bed. This iris bed provides a beautiful show of spring color in the spring month just before school adjourns for summer. This project helps promote the civic pride and responsibility necessary to alleviate litter and illegal dumping of waste.

Friendship Christian Academy, a private K-12 school operating in the county, teaches appropriate solid waste management and waste reduction as part of class curricula. Development of new curriculum for the coming year is to include an ecology course. The School's Earth Day Celebration includes a variety of activities. Elementary school children bring-their-own-lunch with completely biodegradable packaging and wrappings; conduct T-shirt sales; and hear presentations on resource conservation. High School grades are treated to a parade by elementary school students. Participation in the newspaper recycling program is school wide.

The Mount Juliet Senior Citizens Organization promotes recycling and conservation through their local paper drive.

The U.S. Army Corps of Engineers (C.O.E.) administers several public outreach programs; provides in-house training and incorporates institutional practices to promote appropriate solid waste management and resource conservation. The Percy Priest Resource Management Area's Public Outreach Service District includes Davidson, Rutherford and Wilson Counties. The Old Hickory Resource Management Area Public Service District includes Wilson, Davidson, Sumner and Trousdale Counties. The C.O.E. sponsors and coordinates Environmental Awareness Days for school age children at each of these resource management areas. Environmental Awareness Days include programs and activities geared toward teaching resource conservation and preservation, and conservation ethics. The C.O.E. sponsors lake-wide, lake-shore; trail; and primitive island campsite litter collection events with public volunteers. The C.O.E. maintains Pollution Prevention Plans which train employees on ways to eliminate or minimize the quantity and toxicity of waste generated from facility operations including environmentally friendly buying practices. The C.O.E. performs major environmental audits of their facilities and of the facilities leased to other groups on C.O.E. Property every five years to assure these facilities are being operated in an environmentally sound manner.

The Tennessee State Parks system maintains two state parks which are included either wholly or partly in the Wilson County Municipal Solid Waste Planning Region. These are Cedars of Lebanon State Park and Long Hunter State Park. Each of these parks provide litter education placards on trash receptacles and elsewhere through the parks. Each park provides education on resource conservation at its nature center and through the various programs it provides for the public through out the year. Other activities include volunteer events for trail, campsite and day-use areas litter and trash clean-up.

The University of Tennessee Agriculture Extension Service maintains the Wilson County Agriculture Extension Service including the following programs:

- Wilson County 4-H- Presentations on waste management and recycling as part of conservation education program. Recyclables collection of newspaper and aluminum to raise funds and promote resource conservation awareness. A portion of the money collected from these activities is expended on community service projects such as the "Angel Trees" at Christmas thus promoting both resources conservation and social service ethics.
- Wilson County Master Gardeners- Education on yard waste and leaf composting.
- Agriculture Extension Service- Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.

The North American Mission Board's "World Changers Program" provides opportunity for High School students in the U.S. and Canada to participate in public services activities across the U.S.. Activities in Wilson County include the clean-up of litter and debris and repair of homes of low-income and disadvantaged persons. This program instills in its participants civic responsibility, community service and community pride.

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

| Agency  | Activity  | Youth | Adult | Commercial /Industrial Sector |
|---|---|-------|-------|-------------------------------|
| Wilson County<br>Wilson County<br>Solid Waste<br>Department | Presentations to Schools, Civic Groups and Clubs on a request basis; works with local Chamber of Commerce and other industrial commercial organizations and establishments to provide information on waste reduction and recycling. County-wide waste reduction and recycling survey to assess level of commercial and industrial waste reduction and to promote awareness of waste reduction opportunities in Wilson County.<br>Provides for the salary of one Litter officer and co-funded the purchase of the second litter van and trailer. | ✓     | ✓     | ✓                             |
| Sheriff's<br>Department                                     | Enforcement of tarp and litter laws, education through example of litter collection programs.   | ✓     | ✓     | ✓                             |
| Wilson County<br>Highway<br>Department                      | Provides for the salary of one Litter officer and co-funded the purchase of the second litter van and trailer.  | ✓     | ✓     |                               |
| Wilson County<br>Government                                 | Local Co-Sponsor with other area governments in the North American Mission Boards "World Changers" program (see further elaboration under North American Missions Board).   | ✓     | ✓     |                               |
| Wilson County<br>School System                              | Teach appropriate solid waste management and waste reduction as part of the class curricula.  | ✓     |       |                               |
| City of Lebanon<br>Special<br>School District               | Teach appropriate solid waste management and waste reduction as part of the class curricula at every grade level in the system (K-8).<br>Each school promotes the planting of trees and plants, appropriate waste disposal, waste reduction, composting, recycling of paper and aluminum to help remind students and staff of the need to continue with ecology, science and health education throughout the year. All schools in the system observe earth day, each school observing in a way that would best benefit their grade levels.      | ✓     |       |                               |

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

|   |  |   |   |   |
|---|--|---|---|---|
| Byers-Dowdy Elementary School             | <p>This institution has built a Nature trail on the campus grounds that gives hands on studies of the different plants that are native to the area and the unique ecological niche found in Wilson County known as Cedar Glades and Forests. In this school year one class in each of the second and fourth grades received a grant to start a butterfly garden. This grant included the incubation, hatching and release of butterflies on school grounds. This program focused on the importance of habitat preservation and resource conservation.</p>  | ✓ |   |   |
| Walter J. Baird Middle School             | <p>This institution established, promotes and facilitates the meetings of a Naturalist Club. This club plants trees and plants on school grounds and learns how to tend and nurture plant growth in a natural setting. This group has received a grant to expand their activities further to promote resource conservation education and appropriate planting techniques and habitat management, through hands-on experience. This institution also works with the Twin Iris Society in the beautification of school grounds with the maintenance of a large iris bed. This iris bed provides a beautiful show of spring color in the spring month just before school adjourns for summer. This project helps promote the civic pride and responsibility necessary to alleviate litter and illegal dumping of waste.</p> | ✓ |   |   |
| Friendship Christian Academy              | <p>Teach appropriate solid waste management and waste reduction as part of class curricula. Development of new curriculum for coming year to include an ecology course. Earth Day Celebration: elementary grades- bring-your-own-lunch with completely biodegradable packaging and wrappings, T-shirt sales, presentations on resource conservation; High School- parade for high school students by elementary students. Newspaper recycling.</p>   | ✓ |   |   |
| Mount Juliet Senior Citizens Organization | <p>Local Paper Drive to raise funds and encourage recycling and resource conservation.</p>   |   | ✓ |   |
| U.S. Army Corps of Engineers-             | <p>Public Outreach Programs and In-house training and institutional practices.</p>   | ✓ | ✓ | ✓ |

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

|   |   |   |   |   |
|---|---|---|---|---|
| <p>Percy Priest and Old Hickory Resource Management Areas</p> | <p>Percy Priest Reservoir -Public Outreach Service District includes Davidson, Rutherford and Wilson Counties. Old Hickory Reservoir- Public Service District includes Wilson, Davidson, Sumner and Trousdale Counties. The C.O.E. sponsors and coordinates Environmental Awareness Days for school age children at each of these resource management areas. Environmental Awareness Days include programs and activities geared toward teaching resource conservation and preservation, and conservation ethics.</p> <p>The C.O.E. sponsors lake-wide, lake-shore; trail; and primitive island campsite litter collection events with public volunteers.</p> <p>The C.O.E. maintains Pollution Prevention Plans which train employees on ways to eliminate or minimize the quantity and toxicity of waste generated from facility operations including environmentally friendly buying practices.</p> <p>The C.O.E. performs major environmental audits of their facilities and of the facilities leased to other groups on C.O.E. Property every five years to assure these facilities are being operated in an environmentally sound manner.</p> | ✓ | ✓ | ✓ |
| <p>Tennessee State Parks<br/>Cedars of Lebanon State Park</p> | <p>Litter education placards on trash receptacles and elsewhere.<br/>Volunteer Events for trail, campsite and day-use areas litter and trash clean-up.</p>  | ✓ | ✓ | ✓ |
| <p>Long Hunter State Park</p>                                 | <p>Litter education placards on trash receptacles and elsewhere.<br/>Volunteer Events for trail, campsite and day-use areas litter and trash clean-up.</p>  | ✓ | ✓ | ✓ |



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

|   |  |          |          |  |
|---|--|----------|----------|--|
| <p>University of Tennessee<br/>Agriculture Extension<br/>Service</p>  | <p>Maintains the Wilson County Agriculture Extension Service including the following programs</p>  | <p>✓</p> | <p>✓</p> |  |
| <p>Wilson County 4-<br/>H</p>   | <p>Presentations on waste management and recycling as part of conservation education program. Recyclables collection of newspaper and aluminum to raise funds and promote resource conservation awareness. A portion of the money collected from these activities is expended on community service projects such as the "Angel Trees" at Christmas thus promoting both resources conservation and social service ethics.</p> | <p>✓</p> |          |  |
| <p>Wilson County<br/>Master Gardeners</p>                             | <p>Education on yard waste and leaf composting.</p>  |          | <p>✓</p> |  |
| <p>Agriculture<br/>Extension Service</p>                              | <p>Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.</p>  |          | <p>✓</p> |  |
| <p>North American Mission<br/>Board- "World Changers<br/>Program"</p> | <p>Provides opportunity for High School students in the U.S. and Canada to participate in public services activities across the U.S.. Activities in Wilson County include the clean-up and repair of homes of low-income and disadvantaged persons. Instills in participants civic responsibility, community service and community pride.</p>  | <p>✓</p> | <p>✓</p> |  |

The contact for all solid waste education activity in Wilson County is Bill Arnold, Wilson County Solid Waste Department, P.O. Box 2489, Lebanon, TN 37088, Telephone Number: (615) 444-8360.

## **Proposed Programs and Changes to Waste Management Strategy**

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

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

### **Wilson County**

The Wilson County Solid Waste Planning Board submitted in November 1999, a request for adjustment to the per capita solid waste generation rates. The Region came to understand that its total solid waste generation rates were grossly under reported in the early years of the planning process. No strategy or plan devised by the Region is going to show dramatic results or even minimal compliance unless a more reasonable base year rate is acknowledged by the state or a more realistic way of accounting for waste reduction efforts is developed.

Nonetheless, the Region acknowledges that efforts to improve and streamline existing collection and diversion programs should continue and expand, and that solid waste education is a basic and ongoing necessity.

These new and expanded programs are described in the following paragraphs and shown on the implementation schedule included as Figure I-4.

### **Collection**

Wilson County's existing network of Convenience Centers, and the refuse collection by the City of Lebanon for its residents, adequately meets the solid waste collection mandates of solid waste management rules and regulations. Illegally dumped waste and litter are not significant problems in the Region. Even so, the County continues to pursue the upgrade of existing convenience centers and the establishment of new convenience centers in the far western and far eastern ends of the county to meet increased demand for services. The target dates shown for the establishment of these two centers are tentative based on successful negotiation for property to site these facilities.

# Wilson County Solid Waste Planning Region Five-Year Update to Ten Year Solid Waste Plan Solid Waste Program Implementation Schedule

| ACTIVITY  | Fiscal Year |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
|   | 1990        | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |  |
| Waste Disposal/Landfill Operations  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Class I Landfill Closed   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Waste Transfer to Out of Region Landfills   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Permit Class I and Class II/IV Landfills  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Class II/IV Landfill Opens and Operates   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Modification of Class II/IV Landfill Permit   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Purchased property for expansion of Class I Landfill design   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Additional Class IV Landfill Area Permitted   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Major Modification of Class I Landfill permit to increase Air Space   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Collection  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Establishment and operation of County Convenience Center Collection Program   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Create and Operate Adopt-a-Highway Program  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Upgrade Existing Convenience Centers  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Close Out Unattended Green Box Sites  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| New Convenience Centers Constructed   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Waste Reduction Programs  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Begin to Establish Drop-off Recycling at Convenience Centers  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Tree-to-Trails (Christmas Tree Chipping Program)  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Household Hazardous Waste Collection Events   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Ban Cardboard Disposal in Class I Landfills From County Operated Collection Programs                                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Initiation and Operation of County Mulching Program for Residents   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Inflate and Operate Class II/IV Recycling Program for Selected Commodities  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Waste Tire Diversion Program  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Inflate Carpet/Carpet Padding Recycling Program Operation   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Expand Clean Woodwaste Recycling Program to Class II/IV Landfill  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Installation of Cardboard Compactors at Convenience Centers   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Waste Reduction Survey Program for Commercial and Industrial Establishments   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Annual Maintenance of Waste Reduction Survey Program for Commercial and Industrial Establishments                         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Major Update of Waste Reduction Survey Program for Commercial and Industrial Establishments                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Solid Waste Education   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Sheriff's Department Anti-Litter Education  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Wilson County Solid Waste Dept. Education Outreach Initiated and Continued  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Establishment and Operation of Wilson County Resource Conservation Education Center at Wilson County Class II/IV Landfill |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Solid Waste Funding   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
| Implement Enterprise Fund Accounting for Class II/IV Landfill   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |

\* Installation of Cardboard Compactors at Convenience Centers in years subsequent to 2001 tentative based on receipt of state recycling grants.

## Waste Reduction, Recycling, and Diversion Programs

The Region through implementation of existing programs has made considerable progress toward increasing source reduction and recycling, during the last seven years. **Wilson County has increased waste reduction and recycling within the region from 0% in 1991 to 66% in 2000.**

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

Wilson County officials plan to continue all current initiatives in solid waste management. Officials anticipate the expansion of some existing programs and the implementation of some new programs. Other programs that are adequately serving the needs of Wilson County residents will continue unchanged.

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

Commercial and Industrial Recycling Program-Wilson County anticipates continuing its survey of commercial and industrial establishments in Wilson County. This survey will receive maintenance attention on an annual basis for the next four years and then be subject to a more extensive re-survey effort on the fifth year. This cycle will be repeated every five years. Wilson County will use the information gathered from this survey to 1) pursue the education of the commercial and industrial members of the region as to what waste reduction, diversion and recycling opportunities are available in the area and 2) as a tool to reassess and modify the County's own waste reduction programs. The county will endeavor to expand the existing waste reduction, diversion and recycling programs as described under the previous section titled Current Waste Management Strategy as new business and industry is established in Wilson County. The county's high growth rate will certainly play a factor in this program expansion.

Class III/IV Diversion- In an effort to divert even more waste from Class I disposal, Wilson County remains committed to the operation and upkeep of the Wilson County Class III/IV landfill. No other implemented program has contributed to diversion from Class I waste as significantly as this landfill, the cornerstone of the Region's original ten year plan.

## Class I Disposal

The Wilson County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to solid waste disposal programs for Class I waste. As previously described, the County assures adequate disposal capacity through utilization of multiple privately and publicly owned disposal facilities. These facilities have agreed to negotiate with Wilson County for Class I landfill disposal capacity throughout the next ten year planning horizon. In addition, Wilson County holds a permit for a Class I landfill. The permit is for the development of a Class I landfill if and when the need arises, such as extraordinary cost increases at privately owned sites. The county currently has no plans for development of this landfill during the next ten-year planning horizon. The availability of economical landfill capacity through privately operated landfills is anticipated to continue through the next ten year planning horizon.

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

The City of Lebanon provides curbside solid waste collection for its residents. Lebanon officials expect no major changes or additions of new services to their existing solid waste program during the projected ten-year planning period. The cities of Mount Juliet and Watertown have no current plans to establish recycling, solid waste collection or disposal as part of city services.

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

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

### **Solid Waste Funding**

The only governmental entities within the Wilson County Solid Waste Planning Region which provide solid waste collection or disposal services are Wilson County and the City of Lebanon. The projected ten-year solid waste budgets for Wilson County and the City of Lebanon are included in Chapter 2 as Figures 2-4 through 2-6. Funding sources for solid waste programs have been in place for several years and are anticipated to keep pace with solid waste expenditures.

The city of Mount Juliet does provide a leaf and yard waste chipping service to its residents but this chipped material never enters the waste stream so is not considered to be solid waste. The city does not provide solid waste collection or disposal service.

The city of Watertown does not provide solid waste collection or disposal service to its residents.

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

|   |   |
|---|---|
| Twenty-five Percent Waste Reduction Goal  | Wilson County has been unable to meet this goal for several reasons, the most significant of which is the base year waste generation rate assigned to the county. The Wilson County Municipal Solid Waste Planning Region's position is that the base year waste generation rate assigned to the Region is too low. The Region will continue to work with the state to have a more realistic base year established or to develop a more realistic method for accounting for waste reduction achievements. |
| County Wide Collection Assurance  | Assured through the use of a network of Convenience Centers maintained by Wilson County Solid Waste Department, available to all residents of the county, and the curbside collection of refuse by the City of Lebanon for its residents.   |
| County Wide Disposal Assurance  | Assured through use of multiple out-of-region Class I landfill sites and the holding of a Class I landfill permit by Wilson County.   |
| Problem Waste Disposal Assurance  | Assured through the use of drop-off points at the network of Convenience Centers maintained by Wilson County for batteries and through multiple drop-off points at private vehicle repair garages and at privately operated oil change facilities through-out the county for used oil and automotive fluids.  |
| Recyclable Collection Assurance   | Assured through the use of drop-off points at the network of Convenience Centers; the Class III/IV landfill; and at the recyclables collection point in the City of Lebanon all maintained by Wilson County.  |
| Solid Waste Education Planning  | Provided by Wilson County Solid Waste Department, Wilson County School Department, the Wilson County Sheriff's Department, City of Lebanon Special School District, Friendship Christian Academy, U.T. Agriculture Extension Service- 4H and Master Gardeners Programs, U.S. Army Corps of Engineers- Percy Priest and Old Hickory Reservoirs, Tennessee State Parks- Cedars of Lebanon and Long Hunter.  |
| Full Financial Disclosure and Accountability  | Yes   |
| Mandated Planning, Reporting and Record Keeping   | Yes   |
| Ten Year Plan   | Submitted to State in April 1994, approved May 7 1996.  |
| Annual Reports (Annual Progress Report, Collections Assurance Report, Recyclables Report) | All Annual Solid Waste Reports Submittals are up to date.   |
| Five Year Update  | Due May 6, 2001   |

## CHAPTER 2: General Information about the Region

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

Table 2-1 City and County Populations

| CITY/TOWN                | POPULATION    |
|--------------------------|---------------|
| Lebanon *                | 20,235        |
| Mt. Juliet               | 12,366        |
| Watertown                | 1,358         |
| Balance of Wilson County | 54,850        |
| <b>TOTAL</b>             | <b>88,809</b> |

\* Denotes cities/towns which provide solid waste collection and/or disposal service

#### Counties in Region:

Wilson County is the only county in this region.

#### 1. The total population of the region for calendar year 1999 was:

The total population for the region for 2000 was estimated at 88,809 based on the 2000 census.

2. Regional Board Chairperson:
- |                 |  |
|-----------------|--|
| <b>Name:</b>    | Robert Dedman                          |
| <b>Title:</b>   | County Executive – Wilson County       |
| <b>Address:</b> | 228 East Main Street, Lebanon TN 37087 |
| <b>Phone:</b>   | (615) 444-1383                         |

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

#### 3. Part 9 Solid Waste Authority

The region does not currently have a Solid Waste Authority. A Part 9 Solid Waste Authority was formed prior to submission and approval of the Ten Year Solid Waste Plan but this authority was dissolved very shortly after its formation.

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

**Name:** Bill Arnold  
**Title:** Solid Waste Director – Wilson County  
**Address:** PO Box 2489, Lebanon, TN 37088  
**Phone:** (615) 444-8360

**Name:** Robert Dedman  
**Title:** County Executive – Wilson County  
**Address:** 228 East Main Street, Lebanon TN 37087  
**Phone:** (615) 444-1383

**Name:** Cindy Lynch  
**Title:** Administrative  
**Address:** PO Box 2489, Lebanon, TN 37088  
**Phone:** (615) 444-8360



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

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

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

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

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

## 6. Region Formation And Structure

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

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

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

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

## 7. Municipalities Providing Collection Services In Region

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

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

| CITY/TOWN    | POPULATION    |
|--------------|---------------|
| Lebanon      | 20,235        |
| <b>Total</b> | <b>20,235</b> |

## 8. Geographic And Demographic Description Of The Region:

The Wilson County Solid Waste Planning Region, herein referred to as the Region, is located in Middle Tennessee about 30 miles east of Nashville. The Region land area is 571 square miles with a population density of over 118 people per square mile. Three incorporated municipalities are located within the Region: Lebanon, Mt. Juliet, and Watertown. The Region is contiguous to Davidson County on the west, Rutherford and Cannon Counties on the South, Smith and Dekalb on the East, and Trousdale and Sumner on the North.

Several major highways cross the Region, including Interstate 40, and US highways 70, 70N, and 231. State Highways represented in the Region include 96, 109, 141, 265, 266, and 267. There are more than 1,033 miles of roadways within the Region. Northeast Short Line Rail Road provides rail service through the Region between Cookeville and Nashville. The Cumberland River flows east to west and forms the northern boundary of the county.

#### **9. Solid Waste Service Fee:**

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

The fee referred to in this statement (and as defined by the citation noted) is specifically authorized by state law to fund or partially fund solid waste services in the absence of; in lieu of; or in addition to "user fees" and property taxes. This fee can be levied by counties, municipalities or solid waste authorities for solid waste services. The fee is assessed on all residents of the county or special service area for which the service is provided regardless of whether the resident utilizes the service. Accurate as stated, "The region does not impose a solid waste fee on the residents of the region as defined by T.C.A. 68-211-835 (g)(1)."

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

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

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

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

| Expenditure  | Jurisdiction                   |                              |                  |
|--|--------------------------------|------------------------------|------------------|
|  | City of Lebanon<br>(2001-2002) | Wilson County<br>(2001-2002) | Region Total     |
| Collection and Disposal                            | 751,474                        | 2,054,792                    | 2,806,266        |
| <b>Total Expenditures</b>                          | <b>751,474</b>                 | <b>2,054,792</b>             | <b>2,806,266</b> |
| <b>Revenues</b>                                    |                                |                              |                  |
| General Fund Allocations                           | 751,474                        | 1,406,000                    | 2,157,474        |
| User Fees- Tipping Fee At<br>Class III/IV Landfill |                                | 394,000                      | 394,000          |
| Refunds  |                                | 100                          | 100              |
| Trustee Collection                                 |                                | 32,000                       | 32,000           |
| Clerk and Master Collection                        |                                | 22,000                       | 22,000           |
| Interest and Penalty                               |                                | 5,000                        | 5,000            |
| Bank Excise Tax                                    |                                | 7,140                        | 7,140            |
| Sale of Recycled Material                          |                                | 35,000                       | 35,000           |
| Fund Balance Transfers                             |                                | 153,552                      | 153,552          |
| <b>Total Revenues</b>                              | <b>751,474</b>                 | <b>2,054,792</b>             | <b>2,806,266</b> |

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

| <b>Revenues FY:</b>                             | <b>FY 2001-2002</b> |
|---|---------------------|
| General Fund Allocations                        | 1,406,000           |
| User Fees- Tipping Fee At Class III/IV Landfill | 394,000             |
| Refunds   | 100                 |
| Trustee Collection                              | 32,000              |
| Clerk and Master Collection                     | 22,000              |
| Interest and Penalty                            | 5,000               |
| Bank Excise Tax                                 | 7,140               |
| Sale of Recycled Material                       | 35,000              |
| Fund Balance Transfer                           | 153,552             |
| <b>Total</b>                                    | <b>2,054,792</b>    |
| <b>Expenditures FY:</b>                         |                     |
| Solid Waste Disposal                            |                     |
| 100 Salary                                      | 173,639             |
| 200 Fringe Benefits                             | 72,049              |
| 300 Contractual Services                        | 81,500              |
| 400 Supplies                                    | 69,500              |
| 500 Insurance                                   | 30,296              |
| 600 Interest                                    | 0                   |
| 700 Capital Outlay                              | 13,000              |
| <b>Total</b>                                    | <b>439,984</b>      |
| Convenience Center                              |                     |
| 100 Salary                                      | 497,000             |
| 200 Fringe Benefits                             | 236,808             |
| 300 Contractual Services                        | 618,500             |
| 400 Supplies                                    | 72,500              |
| 500 Insurance                                   | 75,000              |
| 600 Interest                                    | 0                   |
| 700 Capital Outlay                              | 115,000             |
| <b>Total</b>                                    | <b>1,614,808</b>    |
| <b>Grand Total Expenditures</b>                 | <b>2,054,792</b>    |

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

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

The City of Lebanon continues to be in compliance with the financial accounting requirements of the Solid Waste Management Act. As the only municipality to provide solid waste collection services, Lebanon accounts for solid waste collection activities in a special revenue fund. Wilson County continues to use the Standard Chart of Accounts for County Government with solid waste costs accounted for in a Special Revenue Fund.

## **12. Proposed Ten Year Solid Waste Budget for Region**

Figures 2-5 and 2-6 present the ten year solid waste budgets for political entities within the region which offer solid waste collection and/or disposal services. Figure 2-7 is a composite budget table for revenues and expenditures for the entire Region.

| Table 2-5 Wilson County Municipalities Ten Year Budget and Revenue Projections |             |           |           |           |           |           |           |           |           |           |           |
|--|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| City of Lebanon  |             |           |           |           |           |           |           |           |           |           |           |
|  | Fiscal Year |           |           |           |           |           |           |           |           |           |           |
|  | 2001-2002   | 2002-2003 | 2003-2004 | 2004-2005 | 2005-2006 | 2006-2007 | 2007-2008 | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 |
| Expenditures-<br>Collection and<br>Disposal                                    | \$751,474   | \$770,261 | \$789,517 | \$809,255 | \$829,487 | \$850,224 | \$871,479 | \$893,266 | \$915,598 | \$938,488 | \$961,950 |
| Total Revenue*   | \$751,474   | \$770,261 | \$789,517 | \$809,255 | \$829,487 | \$850,224 | \$871,479 | \$893,266 | \$915,598 | \$938,488 | \$961,950 |

\* These revenues are generated from transfer from the City's General Fund.

Table 2-8 Wilson County Ten Year Budget and Revenue Projection

**Wilson County - Expenditures**

| Description                                  | 2000-2001    | 2001-2002     | 2002-2003     | 2003-2004     | 2004-2005     | 2005-2006       | 2006-2007       | 2007-2008       | 2008-2009       | 2009-2010       | 2010-2011       | 2011-2012       |
|--|--------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Solid Waste Disposal Fund</b>             |              |               |               |               |               |                 |                 |                 |                 |                 |                 |                 |
| Salary                                       | \$ 189,418   | \$ 173,639    | \$ 196,907    | \$ 223,292    | \$ 254,213    | \$ 287,144      | \$ 325,621      | \$ 369,254      | \$ 418,734      | \$ 474,845      | \$ 538,474      | \$ 610,630      |
| Fringe Benefits                              | \$ 73,950    | \$ 72,049     | \$ 81,704     | \$ 92,652     | \$ 105,067    | \$ 119,146      | \$ 135,112      | \$ 153,217      | \$ 173,748      | \$ 197,030      | \$ 223,432      | \$ 253,372      |
| Contractual Services*                        | \$ 120,797   | \$ 190,500    | \$ 82,421     | \$ 104,805    | \$ 118,849    | \$ 134,775      | \$ 152,835      | \$ 173,315      | \$ 198,539      | \$ 222,875      | \$ 252,741      | \$ 288,608      |
| Supplies                                     | \$ 57,365    | \$ 123,000    | \$ 68,500     | \$ 88,374     | \$ 101,350    | \$ 114,831      | \$ 130,332      | \$ 147,796      | \$ 167,801      | \$ 190,059      | \$ 215,527      | \$ 244,408      |
| Insurance                                    | \$ 4,706     | \$ 30,296     | \$ 34,358     | \$ 38,959     | \$ 44,180     | \$ 50,100       | \$ 56,813       | \$ 64,426       | \$ 73,059       | \$ 82,849       | \$ 93,951       | \$ 106,541      |
| Interest                                     | \$ -         | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            |
| Capital Outlay <sup>1</sup>                  | \$ 3,547     | \$ 13,000     | \$ 14,742     | \$ 16,717     | \$ 18,968     | \$ 21,498       | \$ 24,379       | \$ 27,645       | \$ 31,350       | \$ 35,551       | \$ 40,314       | \$ 45,717       |
| Total  | \$ 429,723   | \$ 678,984    | \$ 498,942    | \$ 565,800    | \$ 641,617    | \$ 727,894      | \$ 825,092      | \$ 935,654      | \$ 1,061,031    | \$ 1,203,210    | \$ 1,364,480    | \$ 1,547,725    |
| <b>Solid Waste-Convenience Center Budget</b> |              |               |               |               |               |                 |                 |                 |                 |                 |                 |                 |
| Salary                                       | \$ 386,994   | \$ 524,577    | \$ 583,598.00 | \$ 639,120.13 | \$ 724,762.23 | \$ 821,880.37   | \$ 932,012.34   | \$ 1,056,901.99 | \$ 1,199,526.66 | \$ 1,359,129.46 | \$ 1,541,252.60 | \$ 1,747,780.66 |
| Fringe Benefits                              | \$ 167,698   | \$ 236,808    | \$ 266,540.37 | \$ 304,524.67 | \$ 345,330.97 | \$ 391,605.32   | \$ 444,080.44   | \$ 503,587.22   | \$ 571,087.90   | \$ 647,591.00   | \$ 734,868.20   | \$ 832,773.54   |
| Contractual Services <sup>1</sup>            | \$ 567,458   | \$ 608,500.00 | \$ 701,379.00 | \$ 795,363.79 | \$ 901,842.93 | \$ 1,022,802.83 | \$ 1,159,858.41 | \$ 1,315,279.44 | \$ 1,491,526.88 | \$ 1,697,391.49 | \$ 1,919,037.95 | \$ 2,175,055.03 |
| Supplies                                     | \$ 43,919    | \$ 67,500.00  | \$ 82,215.00  | \$ 95,231.91  | \$ 109,724.87 | \$ 119,892.01   | \$ 135,951.53   | \$ 154,175.84   | \$ 174,833.41   | \$ 198,263.35   | \$ 224,830.64   | \$ 254,957.95   |
| Insurance                                    | \$ 61,165    | \$ 75,000.00  | \$ 85,050.00  | \$ 96,448.70  | \$ 109,370.56 | \$ 124,926.21   | \$ 140,645.73   | \$ 159,492.25   | \$ 180,864.21   | \$ 205,100.02   | \$ 232,563.42   | \$ 263,749.60   |
| Interest                                     | \$ -         | \$ -          | \$ -          | \$ -          | \$ -          | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            | \$ -            |
| Capital Outlay <sup>1</sup>                  | \$ 35,545    | \$ 180,000.00 | \$ 130,410.00 | \$ 147,884.94 | \$ 167,701.52 | \$ 190,173.53   | \$ 215,658.78   | \$ 244,554.79   | \$ 277,325.13   | \$ 314,486.70   | \$ 356,627.91   | \$ 404,416.05   |
| Total  | \$ 1,262,749 | \$ 1,692,355  | \$ 1,831,192  | \$ 2,076,572  | \$ 2,354,833  | \$ 2,670,380    | \$ 3,028,211    | \$ 3,433,982    | \$ 3,894,146    | \$ 4,419,962    | \$ 5,027,791    | \$ 5,678,733    |
| <b>Grand Total Solid Waste Expenditures</b>  | \$ 1,692,472 | \$ 2,371,389  | \$ 2,330,134  | \$ 2,642,372  | \$ 2,996,450  | \$ 3,397,974    | \$ 3,853,303    | \$ 4,369,645    | \$ 4,955,178    | \$ 5,619,172    | \$ 6,372,141    | \$ 7,226,008    |

Notes:  
Budget projections for fiscal years 2001-2002 and beyond are based on the average annual increase in solid waste costs over the last five budget years of 13.4%.

**Wilson County - Revenues**

| Revenue Stream Description                 | 1999-2000    | 2000-2001    | 2001-2002    | 2002-2003    | 2003-2004    | 2004-2005    | 2005-2006    | 2006-2007    | 2007-2008    | 2008-2009    | 2009-2010    | 2010-2011    | 2011-2012    |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Solid Waste Disposal Fund</b>           |              |              |              |              |              |              |              |              |              |              |              |              |              |
| User Fee-Tipping                           | \$ 919,635   | \$ 720,000   | \$ 394,000   | \$ 461,374   | \$ 540,269   | \$ 632,655   | \$ 740,839   | \$ 867,522   | \$ 1,016,868 | \$ 1,189,552 | \$ 1,393,001 | \$ 1,631,204 | \$ 1,910,140 |
| Fees at Class III/V                        | \$ 159       | \$ 100       | \$ 117       | \$ 137       | \$ 161       | \$ 188       | \$ 220       | \$ 268       | \$ 302       | \$ 354       | \$ 414       | \$ 485       | \$ 585       |
| Landfill                                   | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         |
| Rentals                                    | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         |
| Fund Balance                               | \$ -         | \$ 45,884    | \$ 37,451    | \$ 25,384    | \$ 8,801     | \$ 8,801     | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         |
| Transfer                                   | \$ 919,794   | \$ 720,100   | \$ 439,984   | \$ 498,842   | \$ 565,800   | \$ 641,617   | \$ 741,027   | \$ 867,743   | \$ 1,016,127 | \$ 1,189,864 | \$ 1,393,354 | \$ 1,631,618 | \$ 1,910,625 |
| <b>Solid Waste Convenience Center Fund</b> |              |              |              |              |              |              |              |              |              |              |              |              |              |
| Property Tax                               | \$ 1,264,115 | \$ 1,330,000 | \$ 1,406,000 | \$ 1,646,426 | \$ 1,927,865 | \$ 2,267,647 | \$ 2,643,704 | \$ 3,085,778 | \$ 3,625,156 | \$ 4,245,056 | \$ 4,970,962 | \$ 5,820,997 | \$ 6,816,388 |
| Trustee Collection                         | \$ 34,820    | \$ 32,000    | \$ 32,000    | \$ 37,472    | \$ 43,880    | \$ 51,383    | \$ 60,170    | \$ 70,459    | \$ 82,507    | \$ 96,616    | \$ 113,137   | \$ 132,484   | \$ 155,138   |
| Clerk and Master                           | \$ 31,090    | \$ 22,000    | \$ 25,762    | \$ 30,167    | \$ 35,326    | \$ 41,367    | \$ 48,440    | \$ 56,724    | \$ 66,423    | \$ 77,782    | \$ 91,082    | \$ 106,658   | \$ 124,240   |
| Interest and Penalty                       | \$ 6,303     | \$ 5,000     | \$ 5,655     | \$ 6,856     | \$ 8,029     | \$ 9,402     | \$ 11,039    | \$ 12,952    | \$ 15,095    | \$ 17,478    | \$ 20,701    | \$ 24,240    | \$ 28,372    |
| Bank Excise Tax                            | \$ 7,140     | \$ 7,140     | \$ 8,361     | \$ 9,791     | \$ 11,465    | \$ 13,425    | \$ 15,721    | \$ 18,409    | \$ 21,557    | \$ 25,244    | \$ 29,560    | \$ 34,615    | \$ 40,408    |
| State of Recycled Mat                      | \$ 25,362    | \$ 35,000    | \$ 40,395    | \$ 47,983    | \$ 56,200    | \$ 65,811    | \$ 77,064    | \$ 90,242    | \$ 105,874   | \$ 123,744   | \$ 144,504   | \$ 168,662   | \$ 200,000   |
| Fund Balance Transfer                      | \$ 219,720   | \$ 107,668   | \$ 66,331    | \$ 9,920     | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         |
| Insurance Recovery                         | \$ 41,525    | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         | \$ -         |
| Total                                      | \$ 1,408,830 | \$ 1,692,355 | \$ 1,831,192 | \$ 2,076,572 | \$ 2,420,050 | \$ 2,833,678 | \$ 3,316,471 | \$ 3,885,930 | \$ 4,550,424 | \$ 5,328,546 | \$ 6,239,728 | \$ 7,306,721 | \$ 8,527,346 |
| <b>Total Revenues</b>                      | \$ 2,325,624 | \$ 2,412,485 | \$ 2,654,792 | \$ 2,642,372 | \$ 3,061,866 | \$ 3,574,905 | \$ 4,186,214 | \$ 4,902,057 | \$ 5,740,308 | \$ 6,721,901 | \$ 7,871,346 | \$ 9,217,346 |              |

Notes:  
The estimated revenue shortfall for fiscal years 2000-2001 and 2001-2002 will be covered by the existing fund balances in the Convenience Center Budget.  
1) The estimated revenue shortfall for fiscal years 2000-2001 and 2001-2002 will be covered by the existing fund balance in the Convenience Center Budget.  
2) Budget revenue projections for fiscal years 2001-2002 and beyond are based on the average annual growth of one cent on the tax rate over the last five years of 17.1%.



Table 2-7 Wilson County Solid Waste Planning Region  
Composite Ten Year Budget and Revenue Projection

| Expenditures                    |             |             |             |             |             |             |             |             |             |             |             |             |              |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Jurisdiction                    | Fiscal Year | 2000-2001   | 2001-2002   | 2002-2003   | 2003-2004   | 2004-2005   | 2005-2006   | 2006-2007   | 2007-2008   | 2008-2009   | 2009-2010   | 2010-2011   | 2011-2012    |
| City of Lebanon                 |             |             | \$751,474   | \$770,261   | \$789,517   | \$809,255   | \$829,487   | \$850,224   | \$871,479   | \$893,266   | \$915,598   | \$938,488   | \$961,950    |
| Wilson County                   |             | \$1,692,472 | \$2,054,792 | \$2,330,134 | \$2,642,372 | \$2,996,460 | \$3,397,974 | \$3,853,303 | \$4,369,645 | \$4,955,178 | \$5,619,172 | \$6,372,141 | \$7,225,008  |
| <b>Grand Total Expenditures</b> |             | \$1,692,472 | \$2,806,266 | \$3,100,395 | \$3,431,889 | \$3,805,705 | \$4,227,461 | \$4,703,527 | \$5,241,125 | \$5,848,444 | \$6,534,770 | \$7,310,629 | \$8,187,958  |
| Revenues                        |             |             |             |             |             |             |             |             |             |             |             |             |              |
| Jurisdiction                    | Fiscal Year | 2000-2001   | 2001-2002   | 2002-2003   | 2003-2004   | 2004-2005   | 2005-2006   | 2006-2007   | 2007-2008   | 2008-2009   | 2009-2010   | 2010-2011   | 2011-2012    |
| City of Lebanon                 |             |             | \$751,474   | \$770,261   | \$789,517   | \$809,255   | \$829,487   | \$850,224   | \$871,479   | \$893,266   | \$915,598   | \$938,488   | \$961,950    |
| Wilson County                   |             | \$2,326,624 | \$2,412,485 | \$2,330,134 | \$2,642,372 | \$3,061,866 | \$3,574,905 | \$4,186,214 | \$4,902,057 | \$5,740,308 | \$6,721,901 | \$7,871,346 | \$9,217,346  |
| <b>Grand Total Revenues</b>     |             | \$2,326,624 | \$2,412,485 | \$3,100,395 | \$3,431,890 | \$3,870,922 | \$4,404,392 | \$5,036,438 | \$5,773,536 | \$6,633,575 | \$7,637,499 | \$8,809,834 | \$10,179,296 |

**13. Solid Waste Budgets Contacts:**

Table 2-8 Solid Waste Budget Contacts for Each Political Entity Within Solid Waste Planning Region

| <b>MUNICIPALITY</b> | <b>SOLID WASTE BUDGET CONTACT</b>  | <b>SOLID WASTE PROGRAM CONTACT</b>   |
|---------------------|--|--|
| WILSON COUNTY       | <b>Name:</b> Bill Arnold<br><b>Title:</b> Wilson County Solid Waste Director<br><b>Phone:</b> (615) 444-8360 | <b>Name:</b> Bill Arnold<br><b>Title:</b> Wilson County Solid Waste Director<br><b>Phone:</b> (615) 444-8360 |
| CITY OF LEBANON     | <b>Name:</b> David Gibbs<br><b>Title:</b> General Services Administrator<br><b>Phone:</b> (615) 444-0825     | <b>Name:</b> David Gibbs<br><b>Title:</b> General Services Administrator<br><b>Phone:</b> (615) 444-0825     |

## CHAPTER 3: Waste Streams

### 1. 1999 Solid Waste Generation

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

| Facility                                   | County                            | Tonnage            |
|--|-----------------------------------|--------------------|
| BFI Middlepoint Landfill, Murfreesboro, TN | Rutherford County                 | 30,379.15          |
| Smith County Landfill                      | Smith County                      | 6,241.47           |
| Waste Management Transfer Station          | Benton County and Marshall County | 20,819.1           |
| Ohio County Landfill in Owensboro, KY      | Ohio County (KY)                  | Not provided (AAA) |
| <b>Total Tonnage</b>                       |                                   | <b>57,439.72</b>   |

### 2. Solid Waste Distribution by Source

Table 3-2 Solid Waste Percentage Distribution

| Waste Source             | 1993%*            | 1999%**    |
|--------------------------|-------------------|------------|
| Residential              | 74% (35,300 tons) | 23         |
| Commercial/Institutional | 9% (4,300 tons)   | 48         |
| Industrial               | 17% (8,100 tons)  | 29         |
| Other                    | 0                 | 0          |
| <b>Total</b>             | <b>100</b>        | <b>100</b> |

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

\*\*Source: EPA contracted study

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

Table 3-3 Percentages of Specific Wastes

| CATEGORY                        | AMOUNT           | PERCENT ESTIMATE |
|---------------------------------|------------------|------------------|
| SOURCE REDUCTION                | 28,269.1         | 16.8             |
| RECYCLABLES                     | 2658.23          | 1.6              |
| YARD WASTE AND CLEAN WOOD WASTE | 39,115.16        | 23.2             |
| TIRES                           | 588.8            | 0.3              |
| HOUSEHOLD HAZARDOUS WASTE       | 23.32            | NEGLIGIBLE       |
| WHITE GOODS                     | 35.08            | NEGLIGIBLE       |
| CONSTRUCTION / DEMOLITION WASTE | 40,477.39        | 24.0             |
| WASTE DISPOSED                  | 57,439.72        | 34.1             |
| <b>TOTAL</b>                    | <b>168,606.8</b> | <b>100</b>       |

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

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

| ITEM                               | TONS              |
|------------------------------------|-------------------|
| Source Reduction                   | 28,269.1          |
| Recycling                          | 2,693.31          |
| Composting and Yardwaste Diversion | 39,115.16         |
| Diversion                          | 41,066.19         |
| Unmanaged Waste*                   | 0                 |
| <b>Total</b>                       | <b>111,143.76</b> |

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

Table 3-5 Waste Stream by Management Option for 2000

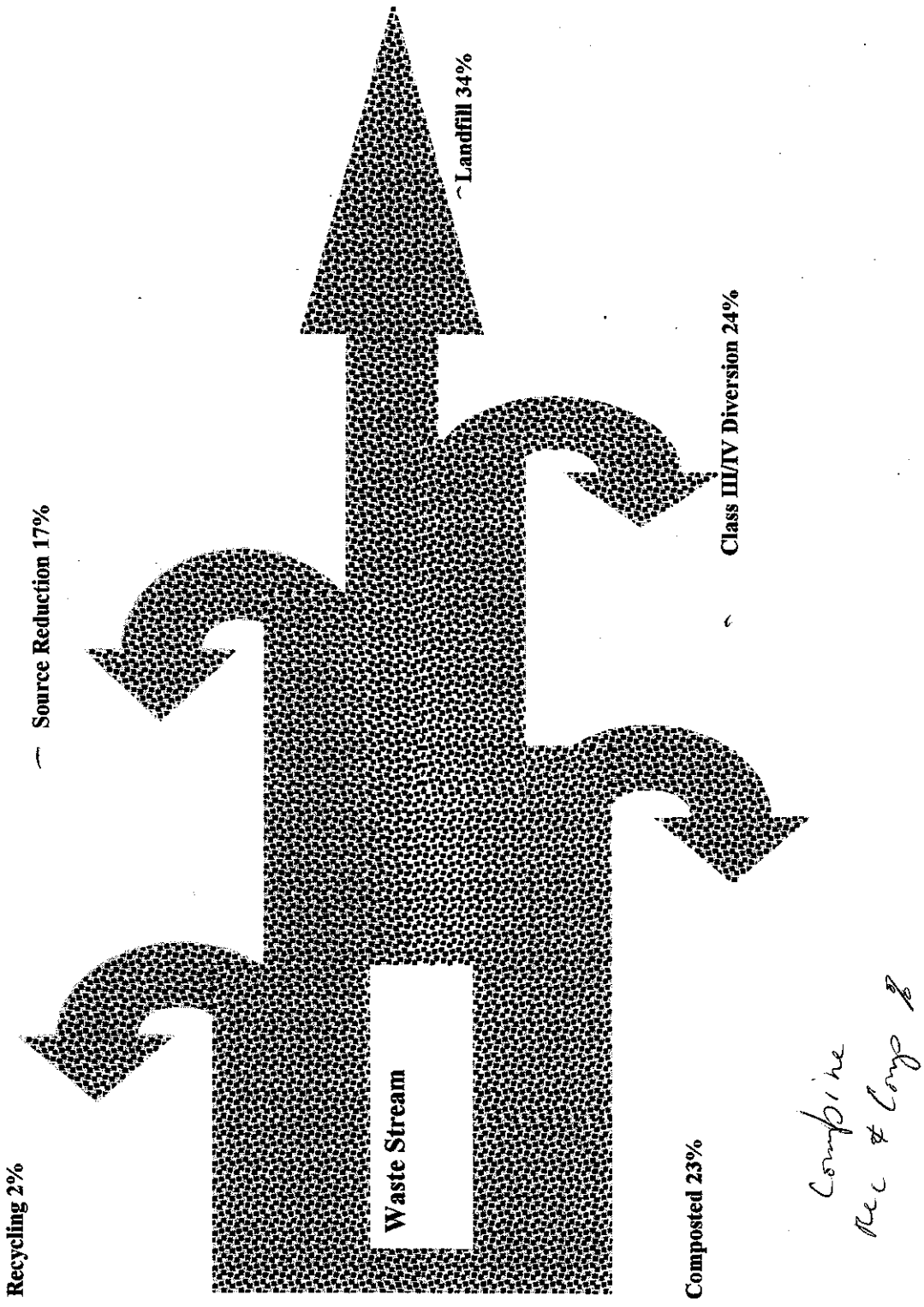
| ITEM                                       | TONS             | % OF TOTAL WASTE STREAM |
|--|------------------|-------------------------|
| Source Reduction*                          | 28,269.1         | 16.8%                   |
| Recycling**                                | 2,693.31         | 1.6%                    |
| Composted/Mulched                          | 39,115.16        | 23.3%                   |
| Tire Recycling                             | 0                | 0                       |
| Class III/IV Disposal**                    | 41,066.19        | 24.1%                   |
| Other Diversion- Household Hazardous Waste | 23.32            | 0                       |
| Class I Disposal**                         | 57,439.72        | 34.2%                   |
| Unmanaged Waste***                         | Negligible       | Negligible              |
| <b>Total</b>                               | <b>168,606.8</b> | <b>100.00%</b>          |

\* This figure is based on XXXXXXXXXXXX XX XX *see page 7*

\*\* This figure is based on actual tonnages received or those provided by facility operators. Table I-4 lists the programs and facilities, which provided the data, used to develop this estimate.

\*\*\* The amount of waste is assumed to be negligible. This assumption is based on the county's experience with tonnage from illegal dump clean-up and by the visual observations of employees of the Wilson County Solid Waste Department.

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



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

Wilson County borders on a major metropolitan area in the Southeastern United States, Davidson County, Tennessee. While growth projections in the past have predicted only moderate population growth for the county, actual growth has been much greater due to economic developments and industrialization associated with the economy of the area. More reasonable property values than those seen in Davidson County and the predominately rural environment of Wilson County have promoted the growth of the residential population of the county, while still providing many job opportunities. The current population estimate for Wilson County for Fiscal Year 2000 is 88,809 persons.

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

Wilson County and the cities included in the planning region have a diverse and stable economy. The largest non-governmental employers are Dell Computers, Toshiba America, Cracker Barrel, Performance Food Group, and TRW. Unemployment for Wilson County was at 2.8% for calendar year 1999 and 3.0% for calendar year 2000. The state's unemployment rate for the corresponding periods of time was 3.9 and 4.0%. The County has several large employers located within its boundary that provide ample work opportunity for its residents.

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

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

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

| Name                             | Mailing Address                                  | Phone        | Employee Class | Type of Waste        | % Waste Stream |
|----------------------------------|--|--------------|----------------|----------------------|----------------|
| Wilson County Board of Education | 415 East Market St, Lebanon                      | 615/444-3282 | 1600           | Institutional        | <1%            |
| Dell Computers                   | 6850 Eastgate Blvd., Lebanon, TN 37090           | 615/795-3355 | 1400           | Commercial/Packaging | <1%            |
| Toshiba America                  | 1420 Toshiba Dr, Lebanon                         | 615/443-8521 | 902            | Industrial           | <1%            |
| University Medical Center        | 415 East Market St, Lebanon                      | 615/444-3282 | 800            | Institutional        | <1%            |
| Cracker Barrel                   | 305 Hartman Dr, Lebanon                          | 615/444-4995 | 750            | Commercial           | <1%            |
| Performance Food Group           | 245 Castle Heights Ave. North, Lebanon, TN 37087 | 615/444-2995 | 645            | Commercial/Packaging | <1%            |
| TRW                              | 1103 West Baddour Pkwy, Lebanon                  | 615/444-6110 | 600            | Industrial           | <1%            |
| Parker Seals                     | 104 Hartmann Dr., Lebanon, TN 37087              | 615/444-0191 | 600            | Industrial           | <1%            |
| Wilson County Government         |  |              | 410            | Institutional        | <1%            |
| Hartmann Luggage                 | 1301 West Baddour Pkwy, Lebanon, TN 37087        | 615/444-5000 | 400            | Industrial           | <1%            |
| City of Lebanon                  | 200 Castle Heights Ave. North Lebanon, TN 37087  | 615/443-2839 | 300            | Institutional        | <1%            |
| Lojac, Inc.                      | 1401 Toshiba Dr., Lebanon, TN 37087              | 615/444-2504 | 300            | Construction         | <1%            |
| Famous Footwear                  | 625 Maddox Simpson Pkwy, Lebanon, TN 37090       | 615/443-3900 | 266            | Commercial/Packaging | <1%            |
| Campbell Hausfeld                | 100 Millennium Blvd., Mt. Juliet, TN 37122       | 615/758-5615 | 200            | Industrial           | <1%            |
| National Fulfillment             | 6960 Eastgate Blvd., Lebanon, TN 37090           | 615/449-4433 | 200            | Commercial/Packaging | <1%            |
| Orchid Automation                | 94 Belinda Pkwy, Mt. Juliet, TN 37122            | 615/754-6600 | 200            | Industrial           | <1%            |
| Perma Pipe                       | 1310 Quarles Dr., Lebanon, TN 37087              | 615/444-4910 | 180            | Industrial           | <1%            |
| Wilson Bank and Trust0           |  |              | 168            | Office               | <1%            |
| Fortune Plastics                 | 310 Hartmann Dr., Lebanon, Tn 37087              | 615/444-4004 | 131            | Industrial           | <1%            |
| Rock Tenn                        | 302 Hartmann Dr., Lebanon, TN 37087              | 615/444-6250 | 130            | Commercial/Packaging | <1%            |
| National Bank of Commerce        |  |              | 168            | Office               | <1%            |
| Custom packaging                 | 1315 West Baddour Pkwy, Lebanon, TN 37088-1028   | 615/4446025  | 102            | Commercial/Packaging | <1%            |
| Nutro Products                   | 920 Artic Dr., Lebanon, TN 37090                 | 615/449-4996 | 100            | Industrial           | <1%            |
|                                  |  |              |                |                      |                |

Source: Chamber of Commerce

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

Contact: Bill Arnold  
Solid Waste Director- Wilson County Solid Waste  
Phone: (615) 444-8360

The region does not conduct formal surveys of roadside dumps. However, upon finding a one or having one reported the Wilson County Solid Waste Department; the Wilson County Highway Department and/or the Wilson County Sheriff's department responds as needed. Additionally, the Wilson County sheriff's Department maintains two litter patrols using litter officers to supervise county trustees to pick-up litter on the roadside. If warranted, information on roadside dumping is turned over to a Tennessee Highway Patrol Litter Officer or to the Tennessee Department of Environment and Conservation. The Tennessee Highway Patrol Litter Officer serving Wilson County is currently Sergeant Jim Piercey, he can be reached at the main administrative offices of the Tennessee Highway Patrol in Nashville at the following telephone number: (615) 741-3181 Ext. 101. To date these dumps have been few in number and minor in extent. If at some time in the future there is a noticeable increase, the region may devise a system for accounting for these sites.

The Wilson County Sheriff's Department provides for the salaries of two litter officers, the Wilson County Road Department and the Wilson County Solid Waste Department provide for the salaries of two additional litter officers for a total of four litter officers operating in the county. In addition to supervision of county trustee litter crews, these officers coordinate the pick-up of litter by Adopt-a-Highway groups and volunteer citizen groups.

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

The use of an economic growth adjustment formula could prove to be of some benefit for the Wilson County Solid Waste Planning Region once a realistic base year waste generation rate has been established. Wilson County's base year waste generation rate has been set by the State at an average significantly below that which a region of Wilson County's economic and growth history would expect to be assigned. The difficulty of obtaining accurate information from some private haulers operating in Wilson County has made it impossible to accurately assess real waste generation in the region in past years. In the absence of detailed records, therefore, the very real achievements of Wilson County's waste reduction programs are not reflected in the existing accounting format used by the state. Wilson County has a residential, commercial and industrial base that is experiencing significant growth and could more fairly account for waste reduction in the region with the application of a more realistic formula. A more thorough review of the formula in conjunction with realistic base year waste generation data for the region would be required before any definitive opinion could be presented. The region's preference would be to implement a "real-time" accounting system for waste reduction in the region.

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

The base year generation rate for the Wilson County MSW Planning Region is significantly lower than the State of Tennessee average or of that expected for a region with Wilson County's



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

**10. Current Reduction And Diversion Programs:**

The following paragraphs describe the waste reduction and diversion programs.

Source Reduction- Industrial source reduction is an important component of many industrial, institutional and commercial establishments in Wilson County. Wilson County's burgeoning economy has not only spurred the expansion and development of existing and new business and industry in Wilson County but in-house recycling and reduction programs as well. Wilson County's close proximity to some of the large recycling markets of Nashville encourages many commercial, industrial and institutional establishments to contract directly with these markets for recycling services. In calendar year 2000 the Wilson County Solid Waste Department surveyed local business and industry for waste reduction programs and activities and the associated tonnage for calendar year 1999. Approximately 35% of the businesses solicited responded to this survey. An aggregate of the results of this survey is included in the following table.

| <b>Material</b>       | <b>Amount</b>   |
|-----------------------|-----------------|
| Cardboard             | 6,359.3         |
| Paper                 | 5,426.4         |
| Metals                | 13,699.7        |
| Wood                  | 1,966           |
| Carpet/Carpet Padding | 32.5            |
| Plastics              | 759.2           |
| Other                 | 26              |
| <b>Total</b>          | <b>28,269.1</b> |

As a result of these activities an estimated 28,269.1 tons of waste from industrial and commercial activities was diverted from Class I landfill disposal.

Recycling- The Wilson County Solid Waste Department maintained and operated nine recycling collection centers in Wilson County in 2000. Appendix III includes a list of the referenced recycling drop-off collection points as well as a summary of the materials that were processed by these facilities during calendar year 2000. The Wilson County Solid Waste Department collects and hauls materials directly to the North Central Recycling (NCR) facility from the convenience centers operated by the county. Some business from Wilson County haul directly to the NCR facility as well. The total tons of material collected and recycled from Wilson County's recycling drop-off sites in 2000 was 2658.31 tons. An additional 35 tons of cardboard was collected in Wilson County and delivered to the NRC facility directly by Commercial establishments in

Rec.  
Aplx 3

Wilson County. This indicates that a total of 2693.31 tons of material was collected by Wilson County and NCR facility and recycled in calendar year 2000. A summary of the material collected by Wilson County's drop-off recycling program is as follows:

Table 3-7 material Collected by Wilson County's Drop-off Recycling Collection Program and by North Central Recycling

|                                   |         |
|-----------------------------------|---------|
| Recycling                         |         |
| Corrugated containers             | 718.44  |
| NCR-Corrugated Cardboard          | 35      |
| Old newspaper                     | 695.69  |
| White goods and appliances        | 35.08   |
| Aluminum cans                     | 30.3    |
| Steel Food/Beverage Cans          | 33.38   |
| Mixed Metals (Fe & NF)            | 970.73  |
| Glass Containers, Clear and Brown | 35.79   |
| Plastics, Mixed PET and HDPE      | 87.16   |
| Carpet Padding                    | 39      |
| Batteries                         | 12.74   |
|                                   |         |
|                                   | 2693.31 |

Additional commercial and industrial facilities contracted for material recycling directly with end-users such as Jefferson-Smurfitt unfortunately no records of these amounts are available.

Composting and Mulching- A portion of the waste received at the Wilson County Class III/IV landfill in calendar year 2000 was yard waste, leaves and brush. This waste was separated and chipped for mulch and compost. This material was delivered to the facility by private garbage haulers, local residents and Middle Tennessee Electric Membership Cooperative (MTEMC). This mulch and compost program diverted approximately 205.16 tons in calendar year 2000 from Class I landfills. The mulch and compost material generated by this program is available to Wilson County residents and local governments within Wilson County on a first come, first serve basis. Any residual material that has not been utilized by Wilson County residents or local governments is used for soil stabilization and in facilitating the establishment of vegetative cover at the landfill. Additionally, the City of Lebanon operates a leaf and yard waste collection program and the City of Mt. Juliet operates a yard waste collection program. The city of Lebanon diverts approximately 2,449 tons per year through its leaf and yard waste diversion efforts and the City of Mt. Juliet diverts approximately 502 tons per year through its yard waste diversion program. Middle Tennessee Electric Membership Corporation also operated a brush collection program as part of their right-of-way clearing operations. According to MTEMC records this program diverted approximately 35,959 tons from Class I landfill disposal. This material is used by area farmers as a soil amendment and for soil stabilization.

Waste Diversion-During calendar year 2000 approximately 38,609.1 tons of waste were diverted to Class III/IV disposal in the Wilson County Class III/IV landfill. Brush was separated out and chipped for processing to mulch and compost. Mulch is then used in various areas of the landfill for erosion control and soil stabilization. The remaining material is available to Wilson County residents for landscaping activities. This activity is described further in the following paragraph

titled composting/mulching. Additionally, facility, records for the Southern Sanitation Class IV landfill in Davidson County for calendar year 2000 indicate that an additional 10,649.0 cubic yards of Class IV material was disposed of at this site from Wilson County. Applying a 4:1 ration of cubic yards to tons, it is estimated that approximately 2,662.25 tons of Class IV material was disposed at this site. The total for waste originating from Wilson County and disposed of in Class III and IV landfills is 41,271.35 tons..

*export to  
Davidson  
Co.*

A summary of these programs and the tonnage diverted in 1999 is summarized in tabular form as follows in Table 3-8.

Table 3-8 Waste Reduction Programs With Associated Tonnage Reduced or Diverted in Calendar Year 2000

| Activity  | Tons Diverted     |
|---|-------------------|
| Source Reduction  | 28,269.1          |
| Recyclables:  |                   |
| Wilson County Drop-off Recycling Program                      | 2,658.31          |
| Recyclables hauled to NCR facility directly- Cardboard        | 35                |
| Subtotal  | (2,693.31)        |
| Leaf/Yardwaste/Brush/ Processed<br>Mulch/Compost:             |                   |
| Wilson County Landfill- Yardwaste and Brush Diversion Program | 205.16            |
| MTEMC Brush Diversion   | 35,959*           |
| City of Lebanon   | 2,449*            |
| City of Mt. Juliet  | 502*              |
| Subtotal  | (39,115.16)       |
| Household Hazardous Waste                                     | 23.32             |
| Class III/IV Waste:   |                   |
| Wilson County Class III/IV Landfill*                          | 38,403.94         |
| Soil Products, Inc.   | 0                 |
| Southern Sanitation**   | 2,662.25*         |
| Subtotal  | (41,066.19)       |
| <b>Total</b>  | <b>111,167.08</b> |

\* Estimate based on cubic yards, tonnage estimation is based on a conversion factor of four cubic yards to one ton. Actual cubic yard estimate for the city of Lebanon was 9,796 cubic yards. Actual cubic yard estimate for the City of Mt. Juliet was 2006.4 cubic yards.

\*\* Records for Class IV waste disposed of at this facility were only available as cubic yards, tonnage estimation is based on a conversion factor of four cubic yards to one ton. Actual cubic yards reported from this facility for calendar year 2000 were 10,649.

Table 3-9 Summary of Solid Waste Reduction and Diversion Programs Operated Within The Wilson County Municipal Solid Waste Planning Region

| Current Program   | Relative Success Level  | Funding and Revenues  |
|---|---|---|
| Wilson County Commercial and Industrial Waste Source Reduction Facilitation Program | The commercial and industrial source reduction program initiated by Wilson County in the early part of this year has the potential for eliminating waste from the waste stream at the lowest cost. Wilson County anticipated that this will be a very successful waste reduction initiative   | This program is being funded by the County General Fund. There are no revenues generated by this program.   |
| Wilson County C&D Landfill  | This facility, established for the diversion of construction and demolition waste from Class I landfill disposal, has been extremely successful. The avoided cost of disposing of Construction Demolition debris in a Class I landfill has generated great cost savings to Wilson County. In addition, the tipping fees generated by the facility itself pay for this program.    | This program is from tip fees at the facility. In fiscal year 2000-2001 this facility generated an estimated \$720,000.   |
| Wilson County Convenience Center Drop-off Recycling Program                         | This has been a very successful and cost effective program. The major advantages of the recyclable drop-off program is its accessibility to all residents of the area and the heightened awareness and education on recycling that it generated among the public sector. A list of the locations and recyclable materials collected at each location is included in Appendix III. | Approximately 2,693.31 tons of materials were diverted through this program. Funding is, in part, by the county and the revenues from the sale of collected material. The operation of this program is integrated with the solid Convenience Center waste collection program. It is not possible to break out the cost of collection and processing of recyclables. The aggregated sale of recyclables from all of Wilson County's waste reduction efforts totaled an estimated \$35,000 for fiscal year 2000-2001. |
| Wilson County Landfill Brush/Yard waste/Clean Wood waste Mulching Program           | This has also been a very successful and cost effective program. While the program does not generate revenue, there is the avoided cost of Class I or Class III/IV disposal and of some soil that would otherwise be necessary to patch erosion, establish a vegetative cover, etc.   | This program is funded through the Class III/IV landfill disposal fund and there are no revenues associated with this program.  |

## Proposed Programs and Changes to Waste Management Strategy

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

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

### *Wilson County*

The Wilson County Solid Waste Planning Board submitted in November 1999, a request for adjustment to the per capita solid waste generation rates. The Region came to understand that its total solid waste generation rates were grossly under reported in the early years of the planning process. No strategy or plan devised by the Region is going to show dramatic results or even minimal compliance unless a more reasonable base year rate is acknowledged by the state or a more realistic way of accounting for waste reduction efforts is developed.

Nonetheless, the Region acknowledges that efforts to improve and streamline existing collection and diversion programs should continue and expand, and that solid waste education is a basic and ongoing necessity.

These new and expanded programs are included on the as Figure I-4.

(98 23)

### Collection

Wilson County's existing network of Convenience Centers, and the refuse collection by the City of Lebanon for its residents, adequately meets the solid waste collection mandates of solid waste management rules and regulations. Illegally dumped waste and litter are not significant problems in the Region. Even so, the County continues to pursue the upgrade of existing convenience centers to increased demand for services and the establishment of new convenience centers in the far western and far eastern ends of the county. The target dates shown for the establishment of these two centers are tentative based on successful negotiation for property to site these facilities.

## Waste Reduction, Recycling, and Diversion Programs

The Region through implementation of existing programs has made considerable progress toward increasing source reduction and recycling, during the last seven years. **Wilson County has increased waste reduction and recycling within the region from 0% in 1991 to 66% in 2000.**

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

Wilson County officials plan to continue all current initiatives in solid waste management. Officials anticipate the expansion of some existing programs and the implementation of some new programs. Other programs that are adequately serving the needs of Wilson County residents will continue unchanged.

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

Commercial and Industrial Recycling Program-Wilson County anticipates continuing its survey of commercial and industrial establishments in Wilson County. This survey will receive maintenance attention on an annual basis for the next four years and then be subject to a more extensive re-survey effort on the fifth year. This cycle will be repeated every five years. Wilson County will use the information gathered from this survey to 1) pursue the education of the commercial and industrial members of the region as to what waste reduction, diversion and recycling opportunities are available in the area and 2) as a tool to reassess and modify the County's own waste reduction programs. The county will endeavor to expand the existing waste reduction, diversion and recycling programs as described under the previous section titled Current Waste Management Strategy as new business and industry is established in Wilson County. The county's high growth rate will certainly play a factor in this program expansion.

Class III/IV Diversion- In an effort to divert even more waste from Class I disposal, Wilson County remains committed to the operation and upkeep of the Wilson County Class III/IV landfill. No other implemented program has contributed to diversion from Class I waste as significantly as this landfill, the cornerstone of the Region's original plan.

## Class I Disposal

The Wilson County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to solid waste disposal programs for Class I waste. As previously described, the County assures adequate disposal capacity through utilization of multiple privately and publicly owned disposal facilities. These facilities have agreed to negotiate with Wilson County for Class I landfill disposal capacity throughout the next ten year planning horizon. In addition, Wilson County holds a permit for a Class I landfill. The permit is for the development of a Class I landfill if and when the need arises, such as extraordinary cost increases at privately owned sites. The county currently has no plans for development of this landfill during the next ten-year planning horizon. The availability of economical landfill capacity through privately operated landfills is anticipated to continue through the next ten year planning horizon.

All  
Class I  
+ for 10/1

### *Other Governmental Entities Within the Wilson County Solid Waste Planning Region*

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

The cities of Mount Juliet and Watertown have no current plans to establish recycling, solid waste collection or disposal as part of city services.

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

Wilson County's track record for proactive waste reduction and diversion initiatives is well documented. Even with the existing program constraint of a low base year generation rate, Wilson County will continue to proactively manage its waste stream.

The trend has been the widespread acceptance and utilization of solid waste management programs within all jurisdictions of the region, particularly diversion of Class III/IV waste to the Wilson County Class III/IV Landfill. The region anticipates no change in this trend. Residents of all jurisdictions within the region continue to support the proactive management of waste in the region.

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

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





## CHAPTER 4: Collection and Transportation

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

Table 4-1 Collection Services Available In The Region:

| County/<br>City/Town | Service<br>Recipient                | Service Provided  | How Financed   | Accounting  | When<br>Instituted      | Legal<br>Authority |
|----------------------|-------------------------------------|---|--|---|-------------------------|--------------------|
| Wilson County        | All residents of<br>the County      | Solid Waste Collection- Convenience Center Collection<br>(eight locations in Region including Class III/IV<br>Landfill) of residential refuse, and recyclables. One<br>location for recyclables only. Class I waste hauled to<br>Smith County Landfill and to Middlepoint Landfill in<br>Rutherford County currently owned by Allied Waste. | Class I solid waste<br>collection and<br>disposal financed<br>through property<br>tax. | Standard Chart of<br>Accounts for<br>County<br>Government,<br>Special Revenue<br>Fund | 1996                    | TCA68-<br>211-835  |
| City of Lebanon      | Residents of the<br>City of Lebanon | Residential- Once per week curbside collection of refuse<br>by the City of Lebanon, hauled to Middlepoint Landfill in<br>Rutherford County.   | Paid for through<br>General Fund<br>transfer to<br>sanitation fund.                    | Standard Chart of<br>Accounts for City<br>Government.                                 | Since<br>before<br>1990 | City<br>Charter    |

What assurance  
is there that this  
will remain sufficient for 10 yrs?

## 2. Minimum Collection Requirements:

Wilson County's existing network of Convenience Centers in addition to the collection provided by the City of Lebanon to its residents adequately meets the solid waste collection mandates of solid waste management rules and regulations. This system is well received by Wilson County residents and meets the needs of the county's population.

## 3. Collection Needs Of The Region:

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

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

At projected growth  
- extrapolate the Tennessee  
of waste per cap @ 10 yrs  
and project the needs for waste  
management (vol/\$) balance available  
the class I cap. in Rutherford Co.

## CHAPTER 5: Recycling

**Recycling Coordinator:** Bill Arnold  
 Wilson County Solid Waste Director  
 PO Box 2489  
 Lebanon TN 37088  
 (615) 444-8360

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

| PROGRAM NAME   | CONTACT ADDRESS PHONE  | ITEMS ACCEPTED   | PROGRAM DESCRIPTION  |
|--|--|--|--|
| Wilson County Drop-off Recycling Program                                     | Bill Arnold<br>PO Box 2489<br>Lebanon TN 37088<br>(615) 444-8360 | Paper, Newspaper, Cardboard, Ferrous Metals, Aluminum, Plastic, Mixed Metals | The county operates a network of drop-off collection sites. The recycling drop-off site at the convenience center is for the collection of paper, newspaper, cardboard, metal cans, and glass. Problem waste such as batteries and used carpet and padding are also collected.                           |
| Wilson County Construction/Demolition Yard Waste Materials Diversion Program | Same as above  | Brush  | This material, when possible, is segregated before it ever enters the municipal solid waste stream. It is then chipped and utilized for soil and erosion control and slope stabilization or given away to local residents or other local governments in Wilson County on a first-come-first-serve basis. |

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

Wilson County has documented great progress in its waste reduction and recycling programs. Setbacks are generally due to the fluctuating prices and availability of recyclable markets for materials collected. The region is optimistic about the future of its waste reduction programs.

### 2. Recycling Drop-off Facilities

The county currently maintains approximately 9 drop-off sites for recyclables within the network of County facilities. These facilities include seven attended convenience centers; a recyclables only drop-off point; and the County's Class III/IV landfill. The recyclables

*Education  
 Survey? Recycling  
 - setbacks - low response  
 - understand 50%  
 rec. center*

*what about Krogers?  
 is that an attended center?  
 55*

collected at these sites include newspaper, cardboard, ferrous metals, aluminum, plastic, old carpet padding, and glass. All drop-off points are available to the public. A map showing the location of these points is included as Figure I-3 and a list of these facilities and the recyclables material that is accepted at each location is included in Appendix III.

9813

## CHAPTER 6: Disposal

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

There is one landfill facility for Class III/IV construction and demolition waste in the Region. This landfill is owned and operated by Wilson County. There are no transfer stations, MSW incinerators, landfill gas facilities and/or waste to energy facilities in the Wilson County Municipal Solid Waste Planning Region. The address, phone number, permit number and materials accepted at this facility are included in Appendix III. The contact for this facility is Mr. Bill Arnold, Wilson County Solid Waste Director, (615) 444-8360.

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

#### EXPORT:

| LOCATION OF RECEIVING FACILITY             | DESTINATION FACILITY AND FACILITY OWNER                    | Tonnage Disposed of in CY 2000 | % OF TOTAL CLASS I DISPOSED |
|--|--|--------------------------------|-----------------------------|
| BFI Middlepoint Landfill, Murfreesboro, TN | Rutherford County - BFI                                    | 30,379.15                      | 52.9%                       |
| Smith County Landfill                      | Smith County - Smith County                                | 6,241.47                       | 10.9%                       |
| Waste Management Transfer Station          | Benton County and Marshall County County- Waste Management | 20,819.1                       | 36.2%                       |
| Ohio County Landfill, Owensboro, KY        | Ohio County, KY - Allied Waste                             | Not provided by AAA            |                             |
| <b>Total Tonnage</b>                       |  | <b>57,439.72</b>               | <b>100%</b>                 |

#### IMPORT:

| LOCATION OF ORIGIN | DESTINATION FACILITY AND FACILITY OWNER | % OF TOTAL CLASS I GENERATED |
|--------------------|---|------------------------------|
| NONE               | NONE                                    | 0%                           |

**3. Disposal Needs Evaluation:**

Sufficient disposal capacity exists in both publicly and privately owned facilities. Disposal contracts are not required. Efficient disposal is assured at a reasonable price for the ten year planning horizon. The existing solid waste program has the capacity to handle solid waste disposal needs through the ten-year planning period with allowances for growth and increased disposal demands. No changes to the programs are contemplated.

*Number?*

**4. Facility Planned Capacity Assurance:**

Most of the facilities being utilized for solid waste disposal by the region have planned disposal capacity in excess of ten years. A letter describing the planned capacity of the Smith County Landfill and Smith County's willingness to negotiate with Wilson County for Class I landfill disposal service for the ten year planning horizon is included in Appendix V of this report.

*left on cell - recall - permit bus on waste disposal usage.*

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

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

## **CHAPTER 7: Problem wastes**

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

The Region has participated in the state contract for collection of household hazardous waste. In calendar year 2000, 23.32 tons of household hazardous waste was diverted from Class I landfill disposal through this program.

*lot of satisfaction*

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

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

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

To date, the program has been successful and the Region is pleased with the efforts. The region has no plans for a locally operated household hazardous waste collection program.

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

The county currently accepts used tires at the Wilson County Convenience Centers. Tires are stored at this facility prior to transfer to the Class III/IV landfill for shredding and disposal.

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

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

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

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

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

Used oil and automotive fluids are collected at various privately owned commercial garages, auto parts stores, Tractor Supply, Inc. and at the State sponsored Household Hazardous Waste Collection events in Wilson County. A selected few of the privately operated facilities which will accept used automotive fluids for recycling are included in Appendix III.

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

Used automobile batteries are collected at several sites in the network of Convenience Centers within the Region. A list of convenience center sites in the County with notations as to materials collected at each site is included as Appendix III.





## **CHAPTER 8: Solid Waste Education**

### **1. Efforts In Public Education Regarding Solid Waste Matters:**

A list of Organizations, their target participants, the region contact for all these programs and description of activities is included as Table 8-1

### **2. Public Solid Waste Education Needs**

Public Education on appropriate solid waste management, waste reduction, recycling, resource conservation and other related topics is delivered by several organizations within Wilson County. These organization are adept at delivering quality education on a minimal budget. However, additional funding could further facilitate their efforts.

The public is well informed by existing programs and various local organizations have joined with the county in educating and promoting appropriate solid waste management in the county. No outstanding needs with respect to these programs has been identified. Many of Wilson County's solid waste education programs have been in place since the early 1990's. The county has not filed an education action plan but has reviewed the Pathways to Education Book.

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

| Agency                                  | Activity   | Youth | Adult | Commercial /Industrial Sector |
|---|--|-------|-------|-------------------------------|
| Wilson County Solid Waste Department    | Presentations to Schools, Civic Groups and Clubs on a request basis; works with local Chamber of Commerce and other industrial commercial organizations and establishments to provide information on waste reduction and recycling. County-wide waste reduction and recycling survey to assess level of commercial and industrial waste reduction and to promote awareness of waste reduction opportunities in Wilson County. Provides for the salary of one Litter officer and co-funded the purchase of the second litter van and trailer. | ✓     | ✓     | ✓                             |
| Sheriff's Department                    | Enforcement of tarp and litter laws, education through example of litter collection programs.  | ✓     | ✓     | ✓                             |
| Wilson County Highway Department        | Provides for the salary of one Litter officer and co-funded the purchase of the second litter van and trailer.   | ✓     | ✓     |                               |
| Wilson County Government                | Local Co-Sponsor with other area governments in the North American Mission Boards "World Changers" program (see further elaboration under North American Missions Board).  | ✓     | ✓     |                               |
| Wilson County School System             | Teach appropriate solid waste management and waste reduction as part of the class curricula.   | ✓     |       |                               |
| City of Lebanon Special School District | Teach appropriate solid waste management and waste reduction as part of the class curricula at every grade level in the system (K-8). Each school promotes the planting of trees and plants, appropriate waste disposal, waste reduction, composting, recycling of paper and aluminum to help remind students and staff of the need to continue with ecology, science and health education throughout the year. All schools in the system observe earth day, each school observing in a way that would best benefit their grade levels.      | ✓     |       |                               |

|  |  |                      |
|--|--|----------------------|
| <p>Byers-Dowdy Elementary School</p>   | <p>This institution has built a Nature trail on the campus grounds that gives hands on studies of the different plants that are native to the area and the unique ecological niche found in Wilson County known as Cedar Glades and Forests. In this school year one class in each of the second and fourth grades received a grant to start a butterfly garden. This grant included the incubation, hatching and release of butterflies on school grounds. This program focused on the importance of habitat preservation and resource conservation.</p>  | <p>✓</p>             |
| <p>Walter J. Baird Middle School</p>   | <p>This institution established, promotes and facilitates the meetings of a Naturalist Club. This club plants trees and plants on school grounds and learns how to tend and nurture plant growth in a natural setting. This group has received a grant to expand their activities further to promote resource conservation education and appropriate planting techniques and habitat management, through hands-on experience. This institution also works with the Twin Iris Society in the beautification of school grounds with the maintenance of a large iris bed. This iris bed provides a beautiful show of spring color in the spring month just before school adjourns for summer. This project helps promote the civic pride and responsibility necessary to alleviate litter and illegal dumping of waste.</p> | <p>✓</p>             |
| <p>Friendship Christian Academy</p>  | <p>Teach appropriate solid waste management and waste reduction as part of class curricula. Development of new curriculum for coming year to include an ecology course. Earth Day Celebration: elementary grades- bring-your-own-lunch with completely biodegradable packaging and wrappings, T-shirt sales, presentations on resource conservation; High School- parade for high school students by elementary students. Newspaper recycling.</p>   | <p>✓</p>             |
| <p>Mount Juliet Senior Citizens Organization<br/>U.S. Army Corps of Engineers-</p> | <p>Local Paper Drive to raise funds and encourage recycling and resource conservation.<br/>Public Outreach Programs and In-house training and institutional practices.</p>   | <p>✓<br/>✓<br/>✓</p> |

|   |  |          |          |          |
|---|--|----------|----------|----------|
| <p>Percy Priest and Old Hickory Resource Management Areas</p> | <p>Percy Priest Reservoir -Public Outreach Service District includes Davidson, Rutherford and Wilson Counties. Old Hickory Reservoir- Public Service District includes Wilson, Davidson, Sumner and Trousdale Counties. The C.O.E. sponsors and coordinates Environmental Awareness Days for school age children at each of these resource management areas. Environmental Awareness Days include programs and activities geared toward teaching resource conservation and preservation, and conservation ethics. The C.O.E. sponsors lake-wide, lake-shore; trail; and primitive island campsite litter collection events with public volunteers. The C.O.E. maintains Pollution Prevention Plans which train employees on ways to eliminate or minimize the quantity and toxicity of waste generated from facility operations including environmentally friendly buying practices. The C.O.E. performs major environmental audits of their facilities and of the facilities leased to other groups on C.O.E. Property every five years to assure these facilities are being operated in an environmentally sound manner.</p> | <p>✓</p> | <p>✓</p> | <p>✓</p> |
| <p>Tennessee State Parks<br/>Cedars of Lebanon State Park</p> | <p>Litter education placards on trash receptacles and elsewhere.<br/>Volunteer Events for trail, campsite and day-use areas litter and trash clean-up.</p>   | <p>✓</p> | <p>✓</p> | <p>✓</p> |
| <p>Long Hunter State Park</p>                                 | <p>Litter education placards on trash receptacles and elsewhere.<br/>Volunteer Events for trail, campsite and day-use areas litter and trash clean-up.</p>   | <p>✓</p> | <p>✓</p> | <p>✓</p> |

|   |  |          |          |
|---|--|----------|----------|
| <p>University of Tennessee<br/>Agriculture Extension<br/>Service</p>  | <p>Maintains the Wilson County Agriculture Extension Service including the following programs</p>  | <p>✓</p> | <p>✓</p> |
| <p>Wilson County 4-H</p>  | <p>Presentations on waste management and recycling as part of conservation education program. Recyclables collection of newspaper and aluminum to raise funds and promote resource conservation awareness. A portion of the money collected from these activities is expended on community service projects such as the "Angel Trees" at Christmas thus promoting both resources conservation and social service ethics.</p> | <p>✓</p> | <p>✓</p> |
| <p>Wilson County<br/>Master Gardeners</p>                             | <p>Education on yard waste and leaf composting.</p>  | <p>✓</p> | <p>✓</p> |
| <p>Agriculture<br/>Extension Service</p>                              | <p>Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.</p>  | <p>✓</p> | <p>✓</p> |
| <p>North American Mission<br/>Board- "World Changers<br/>Program"</p> | <p>Provides opportunity for High School students in the U.S. and Canada to participate in public services activities across the U.S. Activities in Wilson County include the clean-up and repair of homes of low-income and disadvantaged persons. Instills in participants civic responsibility, community service and community pride.</p>   | <p>✓</p> | <p>✓</p> |

The contact for all solid waste education activity in Wilson County is Bill Arnold, Wilson County Solid Waste Department, P.O. Box 2489, Lebanon, TN 37088, Telephone Number: (615) 444-8360.

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

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

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

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

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

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

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

The Wilson County Solid Waste Planning Region held a public hearing on the plan on June 18, 2001. A list of attendees at this public hearing and a copy of the public notice regarding plan preparation and the public hearing is included in Appendix IV.

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

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

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

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

## **Appendix I**

### **List Of Regional Board Members**

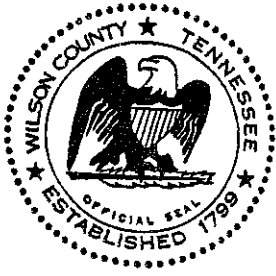


**Wilson County Municipal Solid Waste Planning Region Board Members**

| Member Name                              | County/<br>Municipality<br>Representing | Mailing Address  | Daytime Phone       | Term of Office |                |
|--|---|--|---------------------|----------------|----------------|
|  |   |  |                     | Start          | End            |
| <i>Robert Dedman,<br/>Chairperson</i>    | <i>Wilson County</i>                    | <i>228 East Main Street, Room 104,<br/>Lebanon, TN 37087</i> | <i>615/444-1383</i> | <i>05/1996</i> | <i>05/2002</i> |
| <i>WJ 'Mac' McClusky,<br/>Vice Chair</i> | <i>Wilson County</i>                    | <i>14001 Lebanon Rd.<br/>Old Hickory, TN 37138</i>           | <i>615/754-2516</i> | <i>1997</i>    | <i>2003</i>    |
| <i>Sue Akins, Secretary</i>              | <i>City of Lebanon</i>                  | <i>1033 Maple Hill Rd.<br/>Lebanon, TN 37087</i>             | <i>615/444-8486</i> | <i>1996</i>    | <i>2002</i>    |
| <i>Bobby Sloan</i>                       | <i>Wilson County</i>                    | <i>67 Quarry Rd.<br/>Lebanon, TN 37090</i>                   | <i>615/449-3177</i> | <i>1999</i>    | <i>2005</i>    |
| <i>Gilbert Graves</i>                    | <i>Wilson County</i>                    | <i>87965 Central Pike<br/>Mt. Juliet, TN 37144</i>           | <i>615/754-2704</i> | <i>1997</i>    | <i>2003</i>    |

## **Appendix II**

### **Region Formation Resolution**



*Serving Lebanon  
Mt. Juliet  
Watertown*

*Jim Goodall*  
*County Clerk • Wilson County*

*P.O. Box 950 • Lebanon, Tennessee 37088-0950*

*615/444-0314*

June 19, 2001

This is to certify that this is an exact copy of the original resolution which is on file in the Wilson County Clerk's office. This resolution is the resolution creating a municipal solid waste planning region for Wilson County.

This was passed and filed on December 24, 1992 by a roll call vote of 15 for, 5 against and 3 absent.

*Jim Goodall by Donna Porter D. C.*  
Jim Goodall, Wilson County Clerk  
Donna Porter, Deputy Clerk

# WILSON COUNTY BOARD OF COMMISSIONERS MINUTES

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS, A. D., 19  
OF WILSON COUNTY, TENNESSEE  
CREATING A MUNICIPAL SOLID WASTE PLANNING REGION  
FOR WILSON COUNTY

WHEREAS, the adoption of the Subtitle D landfill regulations by the United States Environmental Protection Agency and companion regulations adopted by the Tennessee Solid Waste Control Board will impact on both the cost and method of disposal of municipal solid waste; and

WHEREAS, at the urging and support of a coalition of local government, environmental, commercial, and industrial leaders, the 97th Tennessee General Assembly enacted T.C.A. 68-211-801, et. seq. titles "Solid Waste Management Act of 1991"; and

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

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

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

WHEREAS, the Board of County Commissioners of Wilson County, Tennessee is given consideration to the needs assessment prepared by the Greater Nashville Regional Council Development District; and

WHEREAS, T.C.A. 68-211-813, requires that counties in the State of Tennessee form municipal solid waste regions no

# WILSON COUNTY BOARD OF COMMISSIONERS MINUTES

later than December Day of, 1992; and Term, A. D., 19

WHEREAS, the Board of County Commissioners of Wilson County, Tennessee has previously voted prior to the December 12, 1992 deadline to create a multi-county Municipal Solid Waste Planning Region with Sumner, Macon, Smith and Trousdale Counties but the resolution was not effective due to the Board of County Commissioners of Sumner County, Tennessee failing to pass an identical resolution; and

WHEREAS, the Act's stated preference is the formation of multi-county regions with counties having the option of forming single or multi-county municipal solid waste regions; and

WHEREAS, the State of Tennessee will provide grant monies of varying amounts to single county, two county, and three or more county municipal solid waste regions to assist these regions in developing their municipal solid waste region plans; and

WHEREAS, the primary and prevailing purpose of the municipal solid waste regions are the preparation of municipal solid waste regional plans which among other requirements must identify how each region will reduce its solid waste disposal per capita by twenty-five percent (25%) by December 31, 1995, and a planned capacity assurance of its disposal for a ten (10) year period; and

WHEREAS, the development of a municipal solid waste regional plan that results in the most cost effective and efficient management of a municipal solid waste is in the best interest of the citizens of Wilson County.

NOW, THEREFORE BE IT RESOLVED, by the Board of County Commissioners of Wilson County, Tennessee, acting pursuant to T.C.A. 68-211-801 et. seq. that there is hereby established a Municipal Solid Waste Region for and by Wilson County, Tennessee; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. 68-211-813(a)(2), that the Board of County Commissioners of Wilson County, Tennessee finds and determines that Wilson

# WILSON COUNTY BOARD OF COMMISSIONERS MINUTES

County shall be Day of Term, A. D., 19

municipal solid waste region due to the following:

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

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall be composed of five (5) members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. 68-211-813(b)(1) four (4) Board members shall be appointed by the County Executive and approved by this Board of County Commissioners and, due to the fact that Lebanon, Tennessee collects or provides disposal services through its own initiative or by contract, the City of Lebanon shall have a Board member appointed by the Mayor of Lebanon, Tennessee and approved by the City Council of Lebanon, Tennessee; and

BE IT FURTHER RESOLVED, that members of the Board of the Municipal Solid Waste Region shall serve a six (6) year term except that one (1) member appointed by the County Executive shall have a two (2) year term, that two (2) members appointed by the County Executive shall have a four (4) year term, that one (1) member appointed by the County Executive shall have a six (6) year term, that one (1) member appointed by the Mayor of Lebanon, shall have a two (2) year term; and

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall have all powers and duties as granted it by T.C.A. 68-211-813 et. seq. and in addition, in the performance of its duty to produce a municipal solid waste region plan, it shall be empowered to utilize existing Wilson County governmental personnel, to employ or contract with persons, private consulting firms, and/or governmental, quasi-governmental, and public entities and agencies and to

# WILSON COUNTY BOARD OF COMMISSIONERS MINUTES

utilize Wilson County's services, facilities and Term, A.D., 19

completing this task; and

BE IT FURTHER RESOLVED, that at the Municipal Solid Waste Region Board's initial organizational meeting it shall select from its members a chair, vice-chair, and secretary and shall cause the establishment of a municipal solid waste advisory committee whose membership shall be chosen by the Board and whose duties are to assist and advise the Board; and

BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board, in the furtherance of its duty to produce a municipal solid waste region plan, is authorized to apply for and receive funds from the State of Tennessee, the federal government, Wilson County, Lebanon, Tennessee, and to apply for and receive donations and grants from private corporations and foundations; and

BE IT FURTHER RESOLVED that Wilson County shall receive, disburse, and act as the fiscal agent for the administration of the funds of the Municipal Solid Waste Region and the Region's Board; and

BE IT FURTHER RESOLVED, that upon the passage of this Resolution and at no later date than December 31, 1992, the County Clerk of Wilson County shall transmit a copy of this Resolution to the Tennessee State Planning Office.

RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF WILSON COUNTY, TENNESSEE, this the 21st day of December, 1992, the welfare of the citizens of Wilson County, Tennessee requiring it.

SPONSOR

\_\_\_\_\_  
COUNTY COMMISSIONER

ATTEST:

APPROVED:

\_\_\_\_\_  
COUNTY CLERK

\_\_\_\_\_  
COUNTY EXECUTIVE

APPROVED AS TO FORM:

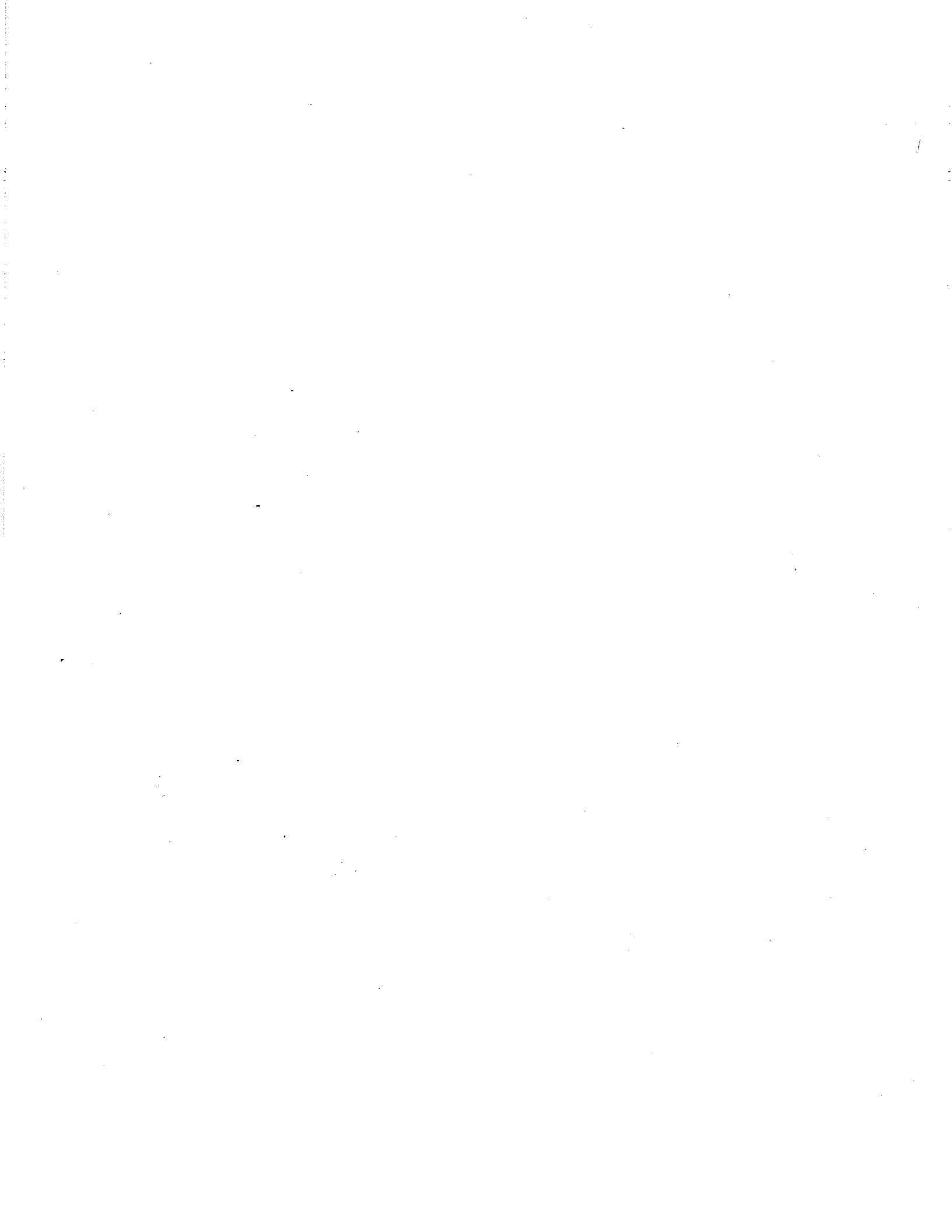
\_\_\_\_\_  
COUNTY ATTORNEY





## **Appendix III**

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



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

The Wilson County Convenience Centers collects the following materials:

- ◆ Solid Waste (at all but the Kroger location)
- ◆ Cardboard
- ◆ Newspaper
- ◆ Aluminum Cans
- ◆ Steel "Tin" Cans
- ◆ Plastic Jugs
- ◆ Mixed Metals
- ◆ Lead Acid Batteries;

The address for these sites are included in the following table:

The hours of operation of these sites are:

7:00 am-5:00 pm

Seven days per week

(Wilson County Landfill location 7:00 am-3:30 pm Monday-Saturday)

(Kroger location available 24 hours per day, 7 days per week)

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

**List of Wilson County Publicly Accessible Drop-off Recycling Locations**

| Site No. | Name                   | Location/Permit Number   | Phone/Hours of Operation                         | Accepts Household Municipal Solid Waste | Recyclable Material Collected   |
|----------|------------------------|--|--|---|---------------------------------|
| 1        | Bairds Mill            | 3761 Murfreesboro Rd, Lebanon, TN 37087<br>CCC 95-102-0340         | 615/449-0067<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 2        | Lebanon                | 921 West Baddour Pky, Lebanon, TN 37087<br>CCC 95-102-0339         | 615/449-0027<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 3        | Martha                 | 1530 Powell Grove Rd, Lebanon, TN 37090<br>CCC 95-102-0341         | 615/449-6038<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 4        | Norene                 | 10684 Cainesville Rd, Lebanon, TN 37087<br>CCC 95-102-0410         | 615/286-2574<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 5        | Statesville            | 9290 Statesville Rd, Watertown, TN 37184<br>CCC 95-102-0411        | 615/464-4711<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 6        | Suggs Creek            | 3519 Stewart's Ferry Pike, Mt. Juliet, TN 37122<br>CCC 95-102-0367 | 615/449-4359<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 7        | Watertown              | 235 Commerce Rd, Watertown, TN 37184<br>CCC 95-102-0373            | 615/237-3185<br>7:00am to 5:00pm, 7days per week | ✓                                       | OCC, N, P, TC, Al,<br>GB, MM, B |
| 8        | Wilson County Landfill | 378 Dump Rd, Lebanon, TN 37088<br>DML 95-102-0075                  | 615/444-8360<br>7:00am to 3:30pm, Mon. thru Sat. | ✓                                       | MM, Carpet Padding              |
| 9        | Kroger Store           | 1418 A West Main St, Lebanon, TN 37087                             | 24 hours per day, 7 days per week                |   | N, P, TC, Al, GC                |

**Abbreviations used:**

|     |                          |    |              |
|-----|--------------------------|----|--------------|
| OCC | Old Corrugated Cardboard | MM | Mixed Metals |
| N   | Newspaper                | GB | Brown Glass  |
| P   | Plastic Jugs             | GC | Clear Glass  |
| TC  | Tin Cans                 | GG | Green Glass  |
| Al  | Aluminum Cans            | B  | Batteries    |

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

|                     |   |              |
|---------------------|---|--------------|
| Tractor Supply, Inc | 1455 B. West Main, Lebanon, TN 37090    | 615/449-4466 |
| Auto Zone           | 231 B. N. Cumberland, Lebanon, TN 37087 | 615/449-1450 |
| Auto Zone           | 11067 Lebanon Rd., Mt. Juliet, TN 37122 | 615/773-8301 |

## **Appendix IV**

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



# 'Pearl Harbor' pulls in \$30M to narrowly hold top spot in weekend box office

BY DAVID GERMAIN  
AP Movie Writer

LOS ANGELES — "Pearl Harbor" edged out the story of a humble ogre to remain No. 1 in weekend box office for the second week.

"Pearl Harbor" took in \$30 million. "Shrek" ran a close second with \$28.4 million, according to studio estimates Sunday.

After 10 days, "Pearl Harbor" has grossed \$119.3 million; "Shrek" hit \$148.6 million in 17 days.

"The Animal" debuted in third place with \$19.8 million. The comedy stars Rob Schneider as a wimp who becomes a supercop after being implanted with the DNA of wild beasts.

The Nicole Kidman-Ewan McGregor musical "Moulin Rouge," considered a tough sell for modern audiences unaccustomed to song-and-dance films, had a solid first weekend in wide release.

After two weekends playing to sellout crowds in one theater each in New York City and Los Angeles, "Moulin Rouge" grossed \$14.2 million to finish at No. 4.

The comedy "What's the Worst That Could Happen?" opened in fifth place with \$13.3 million, which features elaborate

\$7.757 in 3,661 theaters for "Shrek."

"Shrek" has a shot at passing the \$246 million take of "Toy Story 2" to become the No. 2 animated film of all time. The highest-grossing animated film is "The Lion King" with \$313 million.

Among newer movies, "The Animal" had the best average, \$7,102 in 2,788 theaters. "Moulin Rouge" averaged \$6,223 in 2,279 theaters and "What's the Worst That Could Happen?" averaged \$4,953 in 2,675 locations.

"The Animal," produced by former Disney studio chief Joe Roth's Revolution Studios, was helped by its PG-13 rating, which allowed younger teens to see it.

While "The Animal" has some coarse humor, it is far more gentle-natured than many gross-out comedies aimed at young males.

"This is a sweet and funny movie that's clearly separated from a lot of R-rated comedies," said Jeff Blake, president of worldwide marketing and distribution for Sony, which distributed "The Animal."

Distributor 20th Century Fox launched "Moulin Rouge" in New York and Los Angeles hoping to build good buzz for the musical, which features elaborate

# Classified

## Classified Index

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**PUBLIC NOTICE**  
The Lebanon Special School District is requesting bids on bulbs and fixtures for the 2001-2002 school year. The list and specifications may be picked up at the Director of Schools' Office, 701 Coles Ferry Pike, Lebanon, between the hour of 7:30-2:30, Monday thru Friday. Bids are due in the Director's office on June 14, 2001, by 8:30 A.M. 110-31

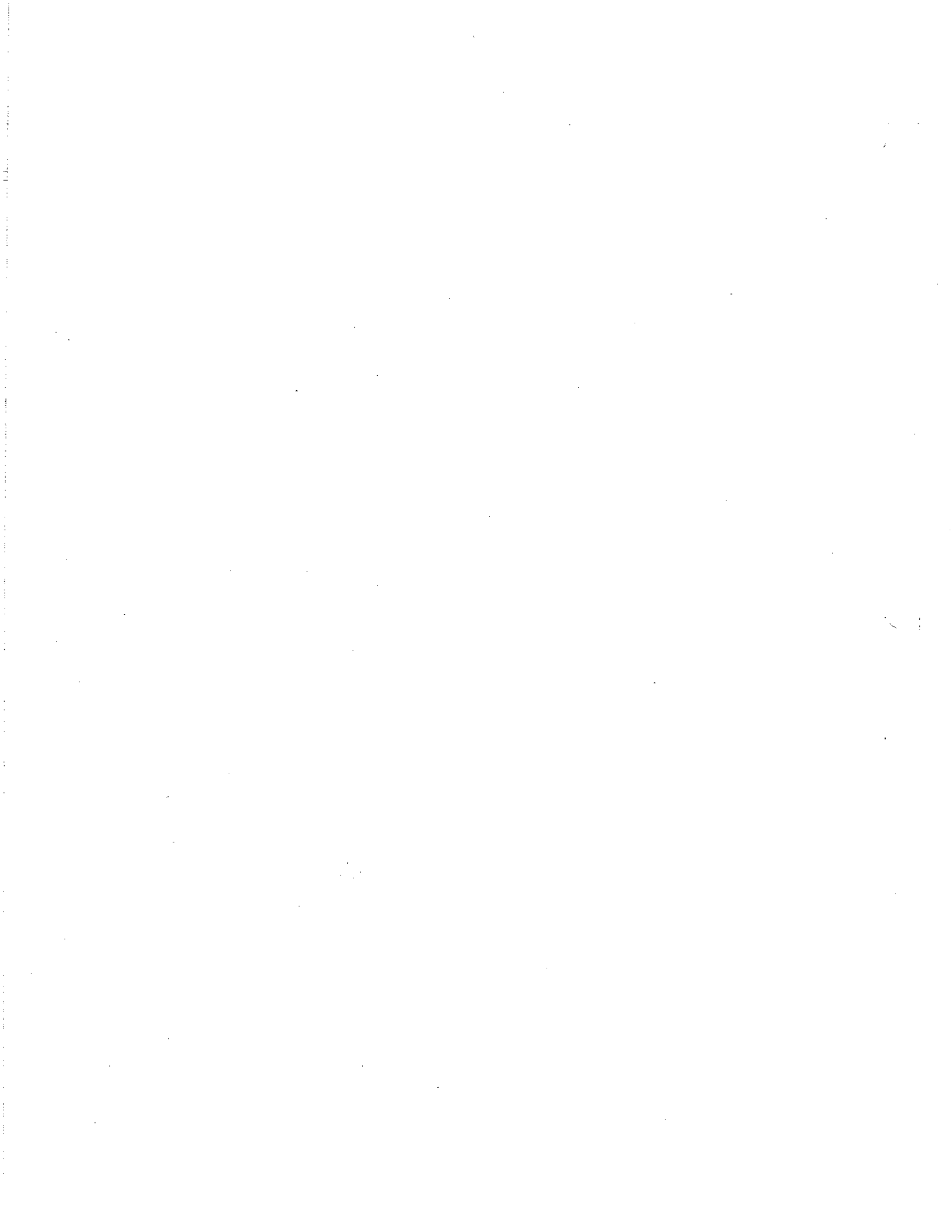
**PUBLIC NOTICE**  
The Wilson County Municipal Solid Waste Planning Region has completed a draft of the Five-Year Update to the Region's Ten Year Solid Waste Plan. This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991.

A public hearing on the plan has been set for 6:00 p.m., June 18, 2001 in the Circuit Courtroom at the Wilson County Courthouse to receive public comments on the draft of the plan. A copy of the draft of this plan is available for review at the Main Branch of the Wilson County Public Library, 108 S. Main St., Lebanon, TN 37087. Telephone: (615) 444-0632.

Written comments regarding the plan will also be accepted until noon, June 15, 2001 and should be sent to Mr. Bill Arnold, Wilson County Solid Waste Director, Wilson County Solid Waste Department, P.O. Box 2489, Lebanon, TN 37088. 110-112-114

**NOTICE OF FORECLOSURE SALE**  
WHEREAS, Jeffery Buchanan and wife, Kitty Buchanan, by Deed of Trust (the "Deed of Trust") dated September 22, 1997, of record in Book 694, Pages 761, Register's Office for Wilson County, Tennessee, conveyed to James L. Clayton, Trustee, the herein after described real property to secure the payment of a certain Promissory Note (the "Note") described in the Deed of Trust, which Note was payable to CMH Homes, Inc. db/a Clayton Homes.

WHEREAS, the said James L. Clayton, is unable to act as Trustee under the Deed of Trust and I have been appointed Substitute trustee by the owner and holder of the Note by an instrument of record in Book 854, Page 340, Register's Office for Wilson County, Tennessee; WHEREAS, default has been made in the payment of the Note; and WHEREAS, the owner and holder of the Note has demanded that the hereinafter described real property be advertised and sold in satisfaction of indebtedness and costs of foreclosure in accordance with the terms and provisions of the Note and Deed of Trust. NOW, THEREFORE, notice is hereby given





**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Martin Cummings  
Chairman  
Wilson County Planning Commission  
2923 Hwy. 109 North  
Lebanon, 37087

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

Dear Mr. Cummings:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

Wilson County Regional Solid Waste Planning Board  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Rick Gregory  
Chairman  
City of Lebanon Planning Commission  
200 Castle Heights Ave. North  
Lebanon, TN 37087

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

Dear Mr. Gregory:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. Bob Daniel  
Chairman  
City of Mt. Juliet Planning Commission  
P.O. Box 256  
Mt. Juliet, 37121

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

Dear Mr. Daniel:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

**Wilson County Regional Solid Waste Planning Board**  
c/o Wilson County Solid Waste Department  
P.O. Box 2489  
Lebanon, TN 37088

June 5, 2001

Mr. James Vann  
Chairman  
City of Watertown Planning Commission  
106 Public Square  
Watertown, 37184

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

Dear Mr. Vann:

This letter is to inform you that a copy of the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan is available for your review at the Wilson County Public Library, 108 S. Hatton Ave., Lebanon, TN 37087. Telephone (615) 444-0632.

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that Local Government Planning Commissions be advised of the preparation of the update to the Region's Solid Waste Plan and be given the opportunity to comment on the plan.

A public hearing on the plan is scheduled for 6:00 p.m., June 18, 2001 in the Wilson County Courthouse, 228 Main St., Lebanon, TN. Should you wish to make written comments on the plan prior to the June 18 meeting, you may submit them to:

Mr. Bill Arnold  
Wilson County Solid Waste Director  
P.O. Box 2489  
Lebanon, TN 37088

Thank you for your time and attention on this matter.

Sincerely,



Robert Dedman  
County Executive/Chairman

**Summary of Public Comments on the Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan both Written and Oral**

The written public comment period for the *Five-Year Update to the Wilson County Municipal Solid Waste Planning Region Ten Year Plan* (Five-Year Update) extended from Monday, June 4, 2001 through Monday, June 18, 2001. No written comments were received by Wilson County.

The public hearing on the Five-Year Update was called to order at 6:00 p.m., on January 18, 2001 by Wilson County Executive and Regional Solid Waste Board Chairperson, Robert Dedman, in the Circuit Courtroom of the Wilson County Courthouse. Mr. Dedman solicited comments on the plan from the public. Wilson County Sheriff, Terry Ashe made the only public comment heard at this meeting. Mr. Ashe's comment was in reference to the Wilson County Solid Waste Department's operation of the Wilson County Class III/IV landfill. Mr. Ashe stated he had recently had occasion to visit the Wilson County Class III/IV landfill and wanted to commend the personnel at the landfill for their hard work. No other comments on the Five-Year Update or the Wilson County Solid Waste Program were received. Mr. Dedman made a last request for public comments on the Five-Year Update before officially closing the public hearing at 6:30 p.m. the same evening. A copy of the sign-up sheets for the persons in attendance at this public hearing follows this summary of the meeting.



# Sign-In Sheet

Public Hearing and Comment Period Regarding the  
 Five-Year Update to the Wilson County Municipal Solid  
 Waste Planning Region's Ten Year Plan  
 June 18, 2001

| Name                      | Address                                   | Phone Number   | Representing             |
|---------------------------|---|----------------|--------------------------|
| GENEIL HAILEY<br>DILLEHAY | 88 DIFFICULT RD.<br>CARTHAGE, TN 37030    | (615) 774-3633 | DILLEHAY &<br>ASSOCIATES |
| Phil Armor                | 501 Union St,<br>Nashville, 37219         | 862-8849       | GNRC                     |
| WARREN DIZAK              | 1100<br>BROADWAY                          | 615-762-5939   | KUNTSEKON                |
| Rick Gregory              | 200 Castle Heights<br>Suite 300           | 444-3647       | City of Lebanon          |
| Robert [unclear]          | 104 Courtland                             | 444-1383       | Wilson                   |
| William [unclear]         | 8965 Central Park<br>Mt. Juliet, TN       | 758-2704       | Wilson County            |
| W. McChesney              | 14001 LEBANON RD<br>Old Hickory TN 37138  | 754-2516       | Wilson Co                |
| Michael R. Jennings       | 326 N. Cumberland St<br>Lebanon, TN 37047 | 444-0581       | Wilson Co. Attorney      |
| Holly SEARS               | Courthouse                                | 449-2836       | Wilson City              |
| Vicki [unclear]           | 1739 Carlin Rd                            | 444-6066       | Wilson Co                |
| Daryl [unclear]           | 67 Quail Rd                               | 449-3177       | Wilson Co                |
| Tracy Thompson            | 4190 MORF REEFS RD<br>LEBANON, TN 37090   | 444-0682       | DISTRICT 14              |
| Bill Arnold               | P.O. Box 2489<br>Lebanon TN 37090         | 444-8360       | WCSW                     |





## WILSON COUNTY SOLID WASTE REGIONAL PLANNING BOARD MINUTES

The Wilson County Solid Waste Regional Planning Board met in called session on Monday, June 18, 2001 at 6:30 p.m. in the Circuit Courtroom at the Courthouse in Lebanon. Those members present were County Executive Robert Dedman and Commissioners Bobby Sloan, Gilbert Graves and W. J. McCluskey, being all the members of the Board with the exception of Sue Akins, who was absent. Also present was County Attorney Michael R. Jennings, Landfill Superintendent Bill Arnold, Genell Dillehay, Consultant and Phil Armor of the Greater Nashville Regional Council.

County Executive Dedman called the meeting to order and determined that a quorum was present.

Landfill Superintendent Bill Arnold addressed the Board and noted that, pursuant to State mandate, we are required to update our ten year solid waste plan. We are tonight presenting a five year update to that ten year plan. He then introduced Genell Dillehay, the consultant working for Wilson County, to explain the plan.

Ms. Dillehay went over the steps that have occurred during the last few years to get to this point. She gave a summary of the five year update. She noted particularly the table on page 24, which sets out the state mandates and how we are meeting them. Wilson County has met all the state mandates with the exception of the 25% waste reduction goal. She believes that Wilson County has more than met this goal, but that the state is using unrealistic figures for the base year. With those unrealistic figures, our reduction is only 11%. Ms. Dillehay believes our reduction has actually been close to 60%. Over the past few years, our figures for reduction have gotten better every year. A diagram on page 10 of the plan shows what is really happening in the County. She also noted that other counties find themselves in the same situation. She noted as an example Williamson County.

Ms. Dillehay also talked about the information on page 16 of the plan showing those organizations that are providing education in this county about solid waste disposal. There are four pages of these providers. A general question and answer session was held.

Ms. Dillehay also noted some minor changes that needed to be incorporated into the draft plan. She went over these changes with the Board. After further discussion, motion to recommend approval of the plan with the changes noted by Ms. Dillehay was made by Commissioner Sloan, seconded by Commissioner McCluskey and carried unanimously.

There being no further business to come before the Board on motion of Commissioner McCluskey, seconded by Commissioner Sloan, the Board voted unanimously to adjourn.

---

SECRETARY

01-6-15

**RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF WILSON COUNTY, TENNESSEE APPROVING A FIVE YEAR UPDATE TO THE TEN YEAR SOLID WASTE PLAN FOR WILSON COUNTY**

**WHEREAS**, in accordance with the Solid Waste Act of 1991, Wilson County is required to provide a ten-year solid waste plan outlining the local provisions for disposing of solid waste; and

**WHEREAS**, the Wilson County Solid Waste Regional Planning Board was established by the Wilson County Board of County Commissioners to develop a ten-year solid waste regional plan; and

**WHEREAS**, said plan was adopted by the Wilson County Solid Waste Regional Planning Board and by the Wilson County Commission in 1993; and

**WHEREAS**, the Solid Waste Act of 1991 also requires that a five year update be provided to the aforementioned plan, a copy of which has been provided to and approved by the Wilson County Solid Waste Regional Planning Board, a copy provided for each County Commissioner and a copy of which is on file in the County Clerk's Office;

**NOW, THEREFORE, BE IT RESOLVED** by the Board of County Commissioners of Wilson County, Tennessee that the five-year update to the ten-year Wilson County Solid Waste Regional Plan is hereby adopted.

\_\_\_\_\_  
SPONSOR

RECOMMENDED FOR APPROVAL

Wilson County Solid Waste Regional Planning Board

*Passed  
wv*

*for  
against  
not voting  
absent*

This is to certify that this is a faxed copy of the original resolution which was passed at the June 2001 session of county court which met June 18, 2001. This resolution was recorded and filed in the Wilson County Clerk's office.

*Jim Goodall by Donna Porter D.C.*  
Jim Goodall, Wilson County Clerk  
Donna Porter, Deputy Clerk

## **Appendix V**

### **Disposal Capacity Assurance Documentation**

***William S. (Billy) Bass***

Smith County Executive  
122 Turner High Circle  
Suite 100A  
Carthage, TN 37030

June 15, 2001

Mr. Robert Dedman, Wilson County Executive  
Wilson County Courthouse  
228 East Main Street  
Lebanon, Tennessee 37087

Re: Solid Waste Disposal Capacity Assurance

Dear Mr. Dedman:

This letter is to confirm that Smith County is willing to contract with Wilson County for solid waste disposal services through the next ten-year planning period. This contract would be subject to terms and conditions satisfactory to both parties.

Smith County has approximately 1 year left in the landfill cell used for current operations. We have under construction a new cell which will provide an additional estimated 2.5 years of capacity and we are in the process of permitting additional area which will provide landfill capacity in excess of 20 years at the current air space utilization rate.

Should you have any questions or need further information, please do not hesitate to contact me.

Sincerely,



William S. (Billy) Bass  
Smith County Executive

Cc: files

## **Appendix VI**

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

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

**Region Name: Wilson County MSW Planning Region**

**Robert Dedman**

Typed Name of the Chairman of the Solid Waste Planning Region

*Robert Dedman*

Signature of the Chairman of the Solid Waste Planning Region

*6-22-01*

Date

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

**Robert Dedman**

Typed Name of the County Executive(s)

*Robert Dedman*

Signature of the County Executive(s)

*6-22-01*

Date

**SUBMIT THE ORIGINAL OF THIS REPORT AND ONE COPY TO:**

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