

Routing Page
Solid Waste Planning Region
5 - YR Update

Planning Region: Dekalb Co 21

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 Mr. Ronnie G. Reece, PE
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 No Dates ^{PAG}
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? Brian Bob Becky
Continue to question.

7. On what date was the report sent to the reviewer? 08/01/2001
Continue to question.

8. What is the deadline for the review (i.e., 90 working days from received stamp)? 10/01/2001
Attach routing page to the report and give it to the reviewer.

Note: The letter will be addressed to the chairperson. The cc list will include the County Executive, Development District Director, person who prepared the report, and the CTAS contact. Modify (with date, names, cc, etc.) and print the letter entitled "5YrUpdtlnmrg." 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.

Chapter 1 - Summary		
Less than 10 page summary - <ul style="list-style-type: none"> • evaluate each chapter briefly • compare existing systems to needs assessed • outline plans for future 	✓	
Implementation schedule illustrating current and planned facilities and programs		
Map with facilities & programs where appropriate on a base systems map for each county in the Region <i>Map does not show CCC or SWP.</i>		
Flow diagram illustrating the waste stream in the Region	✓	
Chapter 2 - General Information		
Identify the Region by name, and list counties and municipalities that comprise the Region.		
Total population of Region by county; provide source of information and year		
Regional Solid Waste Board Members - name, address, term, etc.		
Has the Region formed a Part 9 Solid Waste Authority?	✓	
Three contacts for solid waste information	✓	
Activities and workings of the Region's Solid Waste Board and/or Part 9 Authority Board <ul style="list-style-type: none"> • Board meeting schedule • involvement with concerned entities in planning decisions • process for addressing public • permit review 	✓	
Region's rationale for formation	✓	
<i>Responsibilities of various participating jurisdictions -TCA 68-211-815(b) 14)</i>		
Municipalities with door to door collection service - table	✓	
Describe the Region, generally, geographically, and demographically.		
Fee for solid waste services- <ul style="list-style-type: none"> • legal authority to institute • jurisdiction collects it • how collected • how much 	✓	
Funding for solid waste programs and expenses in the Region <ul style="list-style-type: none"> • capital cost considerations • staffing requirements • operating expenses 	✓	
New expenses and/or new fees or revenues needed or anticipated	✓	
Designated special revenue or enterprise fund	✓	

Proposed 10-year solid waste budget		
Contacts in the Region for information regarding solid waste budgets	✓	
Chapter 3 - Waste Stream		
Tons of solid waste were generated within the Region <u>and</u> disposed of in Class I landfills or incinerators located in or out of the Region. (include breakdown of tonnages and sources of information)	✓	
Percentages in the following categories <ul style="list-style-type: none"> • Residential • Commercial • Industrial • Institutional (school, hospital, prison) • Other (including special) The total should equal 100%. <i>(Compare this to estimates from original 10-year plan and comment)</i>	✓	
Estimate the percentage of the tons reported in #1 above using these categories: <ul style="list-style-type: none"> • Yard waste • Construction/Demolition waste (Class IV) • Tires • Recyclables • White goods • Regular Municipal Solid Waste The total should equal 100%. <i>(Compare this to estimates from original 10-year plan and comment)</i>	✓	
Total Generated waste: <ul style="list-style-type: none"> • source reduction (especially industrial practices); • recycling (include composting); • diversion (to Class III/IV landfills); and • unmanaged waste (burned in backyards, illegal dumps, ditches) • disposed <i>(Compare this to estimates from original 10-year plan and comment)</i>	✓	
Proportional Flow Diagram - Discuss your reasons for making the estimates in all four cases above.		
Demographic trends that may affect waste disposal and generation figures in the region	✓	
Economic condition of the Region employers unemployment rate - <i>How does/might this affect the waste stream?</i>	✓	
Top five contributors to the overall waste stream generated - name, phone, waste types, tons disposed - <i>Likelihood that this trend will continue?</i>	✓	
Clean up and litter prevention programs - describe the program, contacts <i>Do programs target prevalent waste streams?</i>	✓	
Each county, city, or Part 9 Authority in the Region. <ul style="list-style-type: none"> • current reduction or diversion programs sponsored by each and the success level • proposed programs and discuss • ten year trends and needs • how the jurisdictions work together • education programs (commercial and industrial sectors) 	✓	
Chapter 4 - Collection & Transportation		

Collection services available table <i>Contract information where applicable? (contractor, term of contract)</i>	✓	
Collection Assurance <i>Is efficient collection assured at a reasonable price for the ten year planning horizon?</i>	✓	
Collection needs in the Region, and trends anticipated over the next ten years <i>Plans to meet indicated needs</i>	✓	
Chapter 5 - Recycling		
Recycling or waste reduction coordinator - name, title, phone, address	NA	
Waste reduction programs <ul style="list-style-type: none"> • Program Name, Contact, Phone Number, Address • Program Description (Items accepted, curbside, drop-off, not-for-profit, etc., public or private operated, open to all or to a limited group) 	✓	
Materials processing facilities <i>Success of facility, plans to continue operation</i>	✓	
Composting facilities <i>Success of facility, plans to continue operation</i>	✓	
Recycling & Reduction Efforts <ul style="list-style-type: none"> • Progress and setbacks • Successes and failures in marketing • Cooperation of jurisdictions in the Region on marketing efforts • Future plans for additional recycling, reduction, or end-use programs <i>(How plan to address setbacks in reduction efforts and marketing failures)</i> 	✓	
List and describe recycling collection site(s) - Name, Contact, Phone Number, Address, etc <i>18 sites? pg. 2</i>		
Chapter 6 - Disposal		
Please list all the landfills, transfer stations, Municipal Solid Waste incinerators, Landfill Gas to Energy facilities, and Waste to Energy facilities in the Region. <ul style="list-style-type: none"> • Name of Facility • Owner • Operator/Contact • Phone Number • Address/Location/County • Classification of Landfill (I – IV) For Class I landfill: does facility meet Federal Subtitle D regulations? • Jurisdictions Served (Please identify by name) • Permit Number • Tipping fee per ton (List fee amounts) • Special Tipping Fees (List fee amounts) • Materials the facility receives/limits • Does the facility produce energy? • Transfer from where to where? 	✓	
Class I waste exported <i>tonnage 15% ?</i>	✓	
Class I waste imported		

Evaluate disposal needs <ul style="list-style-type: none"> Is efficient disposal assured at a reasonable price for the ten year planning horizon? What changes in the disposal system are being contemplated? What changes should be contemplated with consideration to anticipated growth and disposal demands? 	✓	
Planned capacity assurance - <i>life expectancy addressed?</i>	✓	
Enterprise fund for Class I landfills or incinerators	✓	
Chapter 7- Problem Wastes		
Level of success with household hazardous waste collection and level of satisfaction with the State program.	✓	
Permanent household hazardous waste collection center? <i>Plans for disposal of HHW especially if not using state program</i>	✓	
Waste tire - site(s) available What happens to waste tires in the Region once they are collected	✓	
Problem with waste tire dumping? <i>How are problems being addressed and what are future plans to eliminate problem?</i>	✓	
Lead acid battery, oil and auto fluid collection <i>Identify sites</i> <i>Plans to expand?</i>	✓	
Chapter 8 - Solid Waste Education		
Persons or organizations with active efforts to educate the public	✓	
Outstanding needs in the area of public solid waste education <i>ANSWER</i>	✓	
What progress has been made and what is planned?	✓	
Has the county or its Region filed an education action plan and made use of the Division of Community Assistance's <u>Pathways to Education</u> book?	No	
Chapter 9 - Flow Control & Permit Review		
Attempt to control the flow of waste <i>If yes, provide details of what is involved by law to make sure they understand</i>	✓	
Issues with regard to permit review or flow Control?	✓	
Chapter 10 - Five -Year Plan Update Review		
Public hearing details & comments	✓	
Local planning Commissions notification?		
Resolution from every county in the Region approving the Five-Year Plan update.	✓	
Resolution of approval from the Part 9 Authority Board of Directors (if applicable)	N/A	

Region Dekalb Date 9/6/01



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

January 10, 2002

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region 21
1 Public Square, Room 204
Smithville, TN 37166

RE: Five-year Update to Ten-year Solid Waste Plan
Dekalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you for submitting the requested information for the Five-Year Update to the Dekalb County MSW Region's Solid Waste Plan. The plan update is now 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 comments or need our assistance, please contact me at the Division of Community Assistance, (615) 532-0744.

Sincerely,

Becky Gorham

Becky Gorham
Solid Waste Assistance Programs

cc: The Honorable Billy S. Adcock, DeKalb County Executive
Dekalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37243-0455

September 7, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region 21
1 Public Square, Room 204
Smithville, TN 37166

RE: Five-year Update to Ten-year Solid Waste Plan
Dekalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you again for your submission of the Dekalb County Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. The plan's update has been reviewed. The following comments are provided based upon this review:

- Chapter 1.1 requires an implementation schedule illustrating current and planned facilities and programs. **The Region must provide a schedule.**
- Chapter 1.2 requires a base systems map for facilities not limited to, but including convenience centers, class I landfills, etc. Map provided does not exhibit locations of solid waste facilities. **Please revise map provided to include such facilities.**
- Chapter 1.3 requires a flow diagram illustrating waste stream. The flow diagram on page 3 indicates that 12,930 tons were landfilled in 1998. Information on page 6 states that 15,870 tons were landfilled in 1998. **Please reconcile these figures.**
- Chapter 2.1 requires information on municipalities that comprise the Region. The cities/towns of Smithville, Dowlletown, Liberty and Alexandria are all mentioned in various places in the plan revision. **Please clarify whether these represent the jurisdictions represented by the Dekalb County Region.**
- Chapter 2.2 provides a figure for the population of Dekalb County. **What is the source of this information and what year does it reflect?**
- Chapter 2.3 requires a **complete list of the Regional Solid Waste Board Members, their term expiration dates and whom they represent.** In addition, the plan revision indicates that Billy S.

Adcock is the Regional Board Chairman. David Foutch signed the revision as the Chairman of the Solid Waste Planning Board. **Please explain this apparent discrepancy.**

- Chapter 2.10 Page 5 indicates that a fee is charged to commercial customers. **When was this fee instituted and by what authority?**
- Chapter 2.11 and 13 requires a description of the costs and revenues involved in public funding for solid waste programs and expenses in the Region. Be sure to include capital costs consideration, staffing requirements and operating expenses. Proposed solid waste budget for the Region is also required. The Region includes municipalities, as well as the County. **Please provide the details required and budget information for all jurisdictions in the Region.** (A sample budget is attached)
- Chapter 5.4 requires a listing of the recycling collection sites in the Region. Page 2 of the plan revision identifies 18 waste collection sites in the Region. Page 11 lists 3 collection sites for used oil, one with a chipper. **Are no other recyclables collected in the Region? Does the 1372 tons of waste recovered as listed on page 3 represent only used oil?**
- Chapter 6.2 requires information on volume of waste exported. **What tonnage is represented by the 15% figured provided on page 12?**
- Chapter 10.2 Page 17 of the plan revision indicates that the Planning Commissions in the Region were notified of the revision. Letter referenced concerns public hearing. **Were the appropriate Planning Commissions notified and were any comments submitted as a result?**
- Signature page at the end of the plan revision should be signed by both the Region Chairman and the County Executive. As mentioned above, David Foutch signed the revision as the Chairman of the Solid Waste Planning Board. There is not a signature by the County Executive. **If you are both the Chairman of the Board and the County Executive, please sign as such.**

The information requested here should be received in this office no later than December 7, 2001. If you need additional information or have questions, please contact me at 615-532-0744.

Sincerely,



Becky Gorham

cc: The Honorable Billy S. Adcock, DeKalb County Executive
DeKalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

May 8, 2001

Mr. James White
Chairman, DeKalb County Municipal SW Planning Region
P. O. Box 60
Dowelltown, TN 37059

RE: **Five-year Update to Ten-year Solid Waste Plan**
DeKalb County SW Region 21
Region Member: DeKalb
Update Due — July 30, 2001

Dear Mr. White:

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 DeKalb County Region's Ten-year plan was approved on July 30, 1996; therefore, your Five-year Update is due to this office by **July 30, 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 7, 1999. Please contact Mr. Jason Thompson with the Upper Cumberland Development District to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

The Five-year update to your Ten-year Solid Waste Management Plan is an important tool for your Region. If you have any questions, please do not hesitate to contact me at 615-532-0744.

Sincerely,

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

Becky Gorham
Planning, Reporting and Waste Reduction

C: The Honorable LarryG. Webb, DeKalb County Executive
Mr. Jason Thompson, Upper Cumberland Development District
DeKalb County Solid Waste Director
Ms. Chris Garkovich, SW Management Consultant
Mr. Rob Howard, Environmental Coordinator, Cookeville Environmental Assistance Center



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

August 1, 2001

Mr. Billy S. Adcock, Chairman
DeKalb County Municipal SW Planning Region 21
1 Public Square, Room 204
Smithville, TN 37166

RE: Five-year Update to Ten-year Solid Waste Plan
DeKalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you for your timely submission of the DeKalb County Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on July 31, 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 Billy S. Adcock, DeKalb County Executive
DeKalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



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July 26, 2001

Mr. Robert Knight, Waste Reduction Section
Department of Environment & Conservation
Division of Community Assistance
L&C Tower, Floor 8
401 Church Street
Nashville, TN 37243-1533



RE: Solid Waste Management Plan Five-Year Update

Dear Mr. Knight:

Please find enclosed the DeKalb County Municipal Solid Waste Planning Region's ***Solid Waste Management Plan Five-Year Update***. This plan provides an update for the DeKalb County Felts Tract, Class I, Subtitle "D" Landfill, and is being submitted for your review.

If you have any questions, or need additional information, feel free to contact me at (931) 836-3764.

Sincerely,

Ronnie G. Reece, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive



21
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December 4, 2001

Ms. Becky Gorham, Waste Reduction Section
Department of Environment & Conservation
Division of Community Assistance
L&C Tower, 8th Floor
401 Church Street
Nashville, TN 37243-1533



RE: Solid Waste Management Plan Five-Year Update

Dear Ms. Gorham:

Please find enclosed the **Revised DeKalb County Municipal Solid Waste Planning Region's Solid Waste Management Plan Five-Year Update**. This plan contains the revisions specified by your department and provides an update for the DeKalb County Felts Tract, Class I, Subtitle "D" Landfill, and is being submitted for your review.

If you have any questions, or need additional information, feel free to contact me at (931) 836-3764.

Sincerely,

Paul K. Goforth, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive

RECEIVED

DEC 06 2001

COMMUNITY ASSISTANCE
TENNESSEE DEPARTMENT
OF ENVIRONMENT &
CONSERVATION

DeKalb County Municipal Solid Waste Planning Region

Solid Waste Management Plan Five-Year Update

July 2001

REVISED November 2001

Board Members:

Billy Adcock

*Tim Adcock
Ricky Baker
Cecil Burger
Kenneth Clayborn*

*David Foutch
Edd Hale
Jim Poss*

Prepared By:



*Professional Engineering
Services, Inc.*

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7A Cook Street
Sparta, Tennessee 38583
(931) 836-3764 / Fax: (931) 836-3935

204 West Locust Street
Lafayette, Tennessee 37083
(615) 666-2385 / Fax: (615) 666-2519



DeKalb County Municipal Solid Waste Planning Region

Solid Waste Management Plan Five-Year Update

July 2001

REVISED November 2001

Board Members:

Billy Adcock

*Tim Adcock
Ricky Baker
Cecil Burger
Kenneth Clayborn*

*David Foutch
Edd Hale
Jim Poss*

Prepared By:



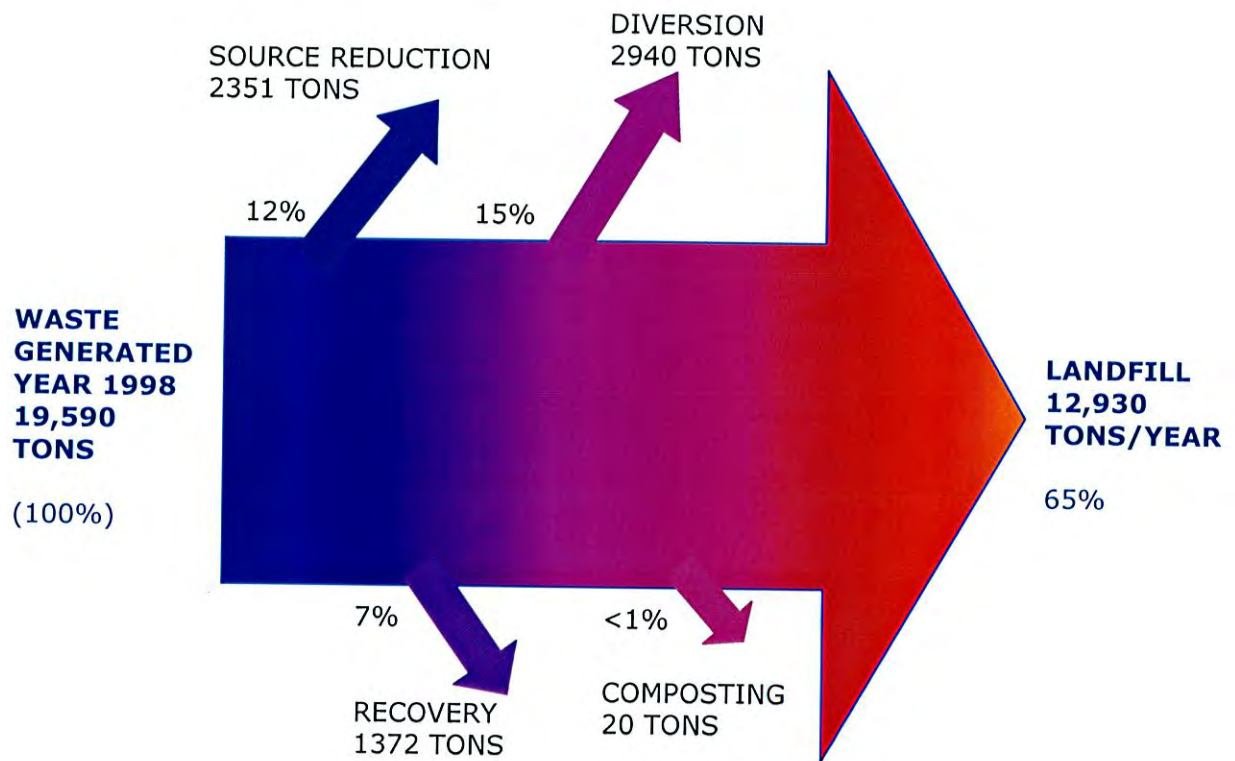
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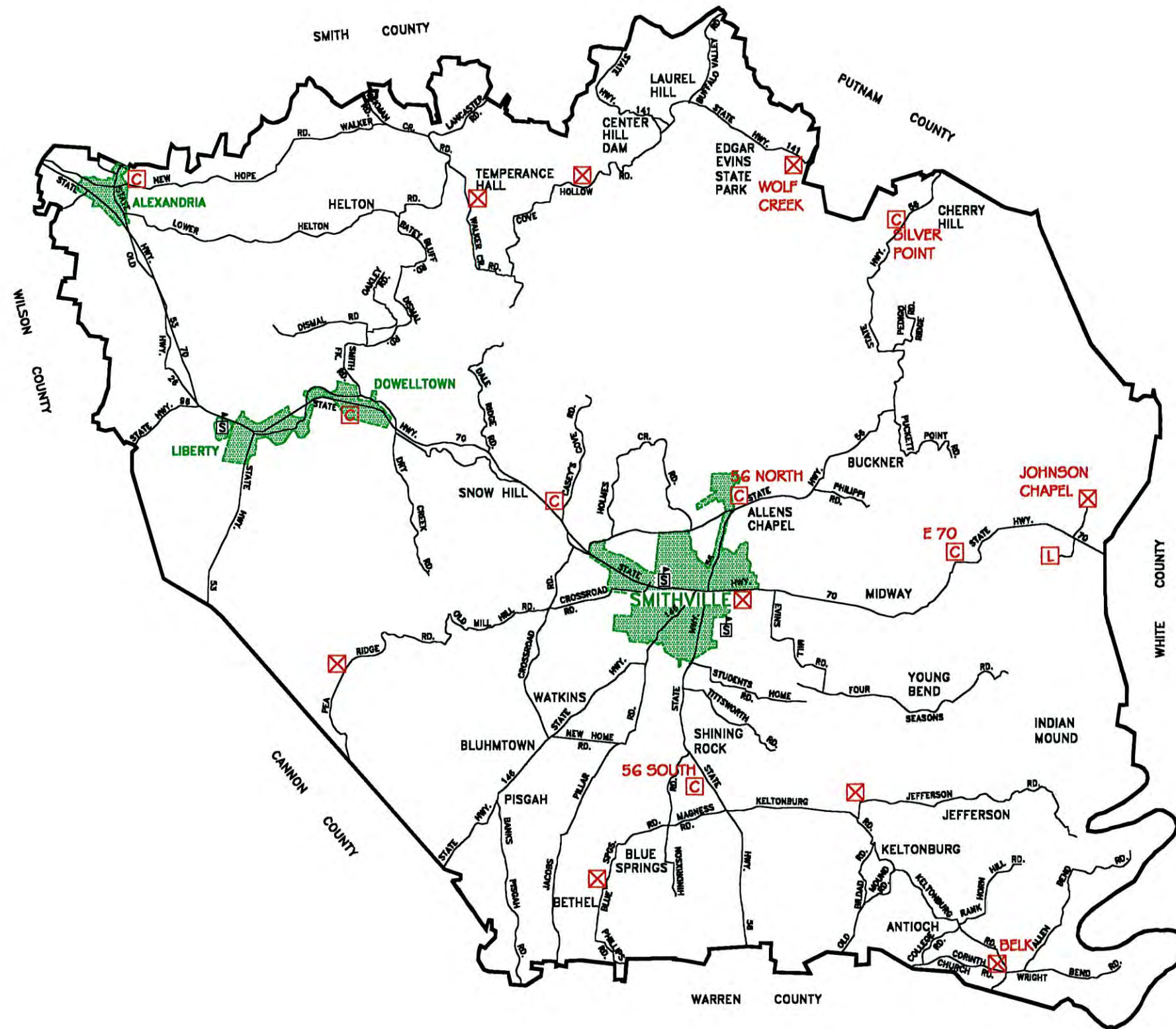
7A Cook Street
Sparta, Tennessee 38583
(931) 836-3764 / Fax: (931) 836-3935






204 West Locust Street
Lafayette, Tennessee 37083
(615) 666-2385 / Fax: (615) 666-2519

PROPORTIONAL FLOW DIAGRAM For The DEKALB COUNTY LANDFILL



DEKALB COUNTY, TENNESSEE MAP OF CURRENT SYSTEM



- MAP SYMBOLS**
-  GREEN BOX
 -  CONVENIENCE CENTER
 -  LANDFILL
 -  ROADS
 -  COUNTY LINE

REVISED 1/14/01
NOT TO SCALE

CHAPTER X

FIVE-YEAR PLAN UPDATE REVIEW

1. A public hearing was held in DeKalb County. A copy of the public notice is included. Publication of the notice; day, date, place; and time of the hearing is noted under the county heading as are notes regarding participation and comments. A copy of the Public Notice is included.

DeKalb County: 1:00 pm, Thursday, July 26, 2001 in the DeKalb County Courthouse.

2. The five year update was shared with the local Planning Commissions. No comments were submitted as a result.

DEKALB COUNTY

County/Town
DeKalb County

Date Discussed
July 23, 2001

Comments
See Attached Letter

DEKALB COUNTY, TENNESSEE

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

BILLY ADCOCK

Typed Name of the County Executive

Billy Adcock

Signature of the County Executive

Date

APPENDIX A

PUBLIC NOTICES



DeKalb County Executive

BILLY ADCOCK

1 Public Square • Courthouse • Room 204
SMITHVILLE, TENNESSEE 37166

JULY 27, 2001

RONNIE REECE
PROFESSIONAL ENGINEERING
7A COOK STREET
SPARTA, TN. 38583

MR. REECE,

DEKALB COUNTY PUBLIC HEARING OF THE SOLID WASTE MANAGEMENT
PLAN FIVE YEAR UPDATE WAS HELD ON THURSDAY JULY 26, 2001 AT
1:00 P.M. IN THE COUNTY EXECUTIVE OFFICE. NO ONE ATTENDED
THIS MEETING EXCEPT BILLY ADCOCK, COUNTY EXECUTIVE AND PEGGY
CURTIS ADMINISTRATIVE ASSISTANCE.

SINCERELY,

A handwritten signature in cursive script that reads "Billy Adcock". The signature is written in black ink and is positioned above the typed name and title.

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY

**DEKALB COUNTY PUBLIC HEARING
OF THE
SOLID WASTE MANAGEMENT PLAN
FIVE-YEAR UPDATE**

**July 26, 2001
1:00 pm
DeKalb County Courthouse
Smithville, Tennessee**

Attendees

1.	Mr. Billy Adcock, County Executive
2.	Ms. Peggy Curtis, Administrative Assistant
3.	
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APPENDIX B

COUNTY COMMISSION
APPROVALS

RESOLUTION

WHEREAS, the Solid Waste Management Act requires that DeKalb County's Solid Waste Plan be updated every five (5) years, and

WHEREAS, DeKalb County has completed it's five (5) year plan update and has hereby submitted said update to the DeKalb County Commission for approval,

BE IT HEREBY RESOLVED that DeKalb County's five (5) year plan update is approved by the DeKalb County Commission meeting in regular session of this 23rd day of July, 2001.

Motion to Approve: Jerry Scott

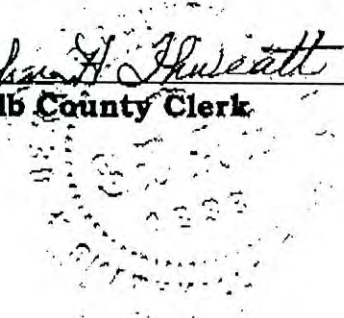
Second: Kerry D Hale

Approved:

Billy Adcock
Billy S. Adcock
DeKalb County Executive

ATTEST:

Johanna H. Huie
DeKalb County Clerk



APPENDIX C

SOLID WASTE DISPOSAL FUND STATEMENT OF PROPOSED OPERATIONS

**DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations**

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
	Estimated Revenues						
40000	LOCAL TAXES						
40100	County Property Taxes						
40110	Current Property Tax	\$ 363,810	\$ 385,168	\$ 323,092	\$ 339,247	\$ 356,209	\$ 374,019
40120	Trustee's Collections - Prior Year	\$ 13,662	\$ 14,000	\$ 14,000	\$ 14,000	\$ 15,000	\$ 15,500
40130	Circuit/Clerk & Master Collections-Prior Years	\$ 5,535	\$ 25,000	\$ 2,500	\$ 2,500	\$ 2,625	\$ 2,750
40140	Interest and Penalty	\$ 2,639	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,625	\$ 2,750
40150	Pickup Taxes	\$ 548	\$ 700	\$ 700	\$ 700	\$ 700	\$ 735
	TOTAL LOCAL TAXES	\$ 386,194	\$ 427,368	\$ 342,792	\$ 358,947	\$ 377,159	\$ 395,754
43000	CHARGES FOR CURRENT SERVICES						
43100	General Service Charges						
43110	Tipping Fees	\$ 190,378	\$ 170,000	\$ 170,000	\$ 170,000	\$ 178,500	\$ 178,500
	TOTAL CHARGES FOR CURRENT SERVICES	\$ 190,378	\$ 170,000	\$ 170,000	\$ 170,000	\$ 178,500	\$ 178,500
44000	OTHER LOCAL REVENUES						
44100	Recurring Items						
44110	Investment Income	\$ 178,295	\$ -	\$ -	\$ -	\$ -	\$ -
44130	Sale of Materials and Supplies	\$ 1,054	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100
44170	Miscellaneous Refunds	\$ 137	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL OTHER LOCAL REVENUES	\$ 179,486	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100
46000	STATE OF TENNESSEE						
46100	General Government Grants						
46170	Solid Waste Grants	\$ 6,026	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,600	\$ 13,230
46800	Other State Revenues						
46990	Other State Revenues	\$ -	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,150	\$ 3,307
	TOTAL STATE OF TENNESSEE	\$ 6,026	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,750	\$ 16,537
	Total Estimated Revenues	\$ 762,084	\$ 613,368	\$ 528,792	\$ 544,947	\$ 572,459	\$ 591,891

**DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations**

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
Estimated Other Sources							
49500	Other Loan Proceeds	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -
49800	Operating Transfers	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL ESTIMATED REVENUES & OTHER SOURCES		\$ 832,084	\$ 1,813,368	\$ 528,792	\$ 544,947	\$ 572,459	\$ 591,891
Estimated Expenditures							
55000	PUBLIC HEALTH AND WELFARE						
55731	Waste Pickup						
149	Laborers	\$ 32,379	\$ 38,900	\$ 43,000	\$ 48,160	\$ 53,939	\$ 60,412
338	Maintenance & Repair Services-Vehicles	\$ -	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,200	\$ 4,400
499	Other Supplies and Materials	\$ -	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Total Waste Pickup		\$ 32,379	\$ 43,000	\$ 47,100	\$ 52,260	\$ 58,239	\$ 64,912
55732	Convenience Centers						
149	Laborers	\$ 89,821	\$ 103,000	\$ 115,000	\$ 128,800	\$ 144,256	\$ 161,567
499	Other Supplies & Materials	\$ 3,363	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,150	\$ 3,300
715	Land	\$ -	\$ 100	\$ 100	\$ 100	\$ 150	\$ 200
791	Other Construction	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Total Convenience Centers		\$ 93,184	\$ 107,100	\$ 119,100	\$ 132,900	\$ 148,556	\$ 166,067
55754	Landfill Operation and Maintenance						
149	Laborers	\$ 103,929	\$ 122,500	\$ 129,500	\$ 136,880	\$ 144,684	\$ 152,930
321	Engineering Services	\$ 159,713	\$ 50,000	\$ 50,000	\$ 50,000	\$ 52,500	\$ 55,200
329	Laundry Service	\$ 6,184	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
330	Operating Lease Payments	\$ 4,839	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600
338	Maintenance & repair Services-Vehicles	\$ 95,066	\$ 50,000	\$ 55,000	\$ 60,500	\$ 66,550	\$ 73,200
399	Other Contracted Services	\$ 53,237	\$ 57,000	\$ 57,000	\$ 57,000	\$ 59,850	\$ 59,850
409	Crushed Stone	\$ 14,354	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
412	Diesel Fuel	\$ 33,617	\$ 37,000	\$ 39,000	\$ 40,950	\$ 43,000	\$ 45,150

**DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations**

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
Landfill Operation and Maintenance (cont.)							
452	Utilities	\$ 6,876	\$ 7,900	\$ 9,500	\$ 9,500	\$ 10,000	\$ 10,500
499	Other Supplies and Materials	\$ 20,395	\$ 30,000	\$ 30,000	\$ 30,000	\$ 31,500	\$ 33,100
599	Other Charges	\$ 7,221	\$ 13,500	\$ 13,500	\$ 13,500	\$ 14,175	\$ 14,884
718	Motor Vehicles	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
790	Other Equipment	\$ 85,131	\$ -	\$ -	\$ -	\$ -	\$ -
791	Other Construction	\$ 16,659	\$ 1,200,000	\$ 33,000	\$ 36,300	\$ 40,000	\$ 44,000
Total Landfill Operation and Maintenance		\$ 607,221	\$ 1,615,000	\$ 463,600	\$ 481,730	\$ 509,359	\$ 535,914
Other Waste Disposal							
55759	Board and Committee Members Fees	\$ -	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
191	Social Security	\$ 17,033	\$ 20,000	\$ 22,000	\$ 24,200	\$ 26,600	\$ 29,300
201	State Retirement	\$ 1,493	\$ 2,500	\$ 2,800	\$ 3,150	\$ 3,500	\$ 3,900
204	Unemployment Compensation	\$ 1,832	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,850	\$ 4,250
210	Trustee's Commission	\$ 11,410	\$ 10,500	\$ 12,500	\$ 14,500	\$ 16,500	\$ 18,500
510	Interest on Notes	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,600	\$ 2,700
604							
Total Other Waste Disposal		\$ 31,768	\$ 39,500	\$ 43,800	\$ 48,350	\$ 53,550	\$ 59,150
Postclosure Care Costs							
55770	Other Contract Services	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 12,000
399							
Total Postclosure Care Costs		\$ -	\$ 10,000	\$ 1,000	\$ 10,000	\$ 10,000	\$ 12,000
Total Estimated Expenditures		\$ 764,552	\$ 1,814,600	\$ 674,600	\$ 725,240	\$ 779,704	\$ 838,043
Excess of Estimated Revenues and Other Sources Over (Under) Estimated Expenditures							
		\$ 67,532	\$ (1,232)	\$ (145,808)	\$ (180,293)	\$ (207,245)	\$ (246,152)
Estimated Beginning Fund Balance-July 1		\$ 211,926	\$ 279,458	\$ 278,226	\$ 306,050	\$ 336,655	\$ 370,320
Estimated Ending Fund Balance-June 30		\$ 279,458	\$ 278,226	\$ 132,418	\$ 125,757	\$ 129,410	\$ 124,168

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JUL 31 2001

COMMUNITY ASSISTANCE
TENNESSEE DEPARTMENT
OF ENVIRONMENT &
CONSERVATION

DeKalb County Municipal Solid Waste Planning Region

Solid Waste Management Plan Five-Year Update

July 2001



Board Members:
Billy Adcock

Tim Adcock
Ricky Baker
Cecil Burger
Kenneth Clayborn

David Foutch
Edd Hale
Jim Poss
James White

Prepared By:



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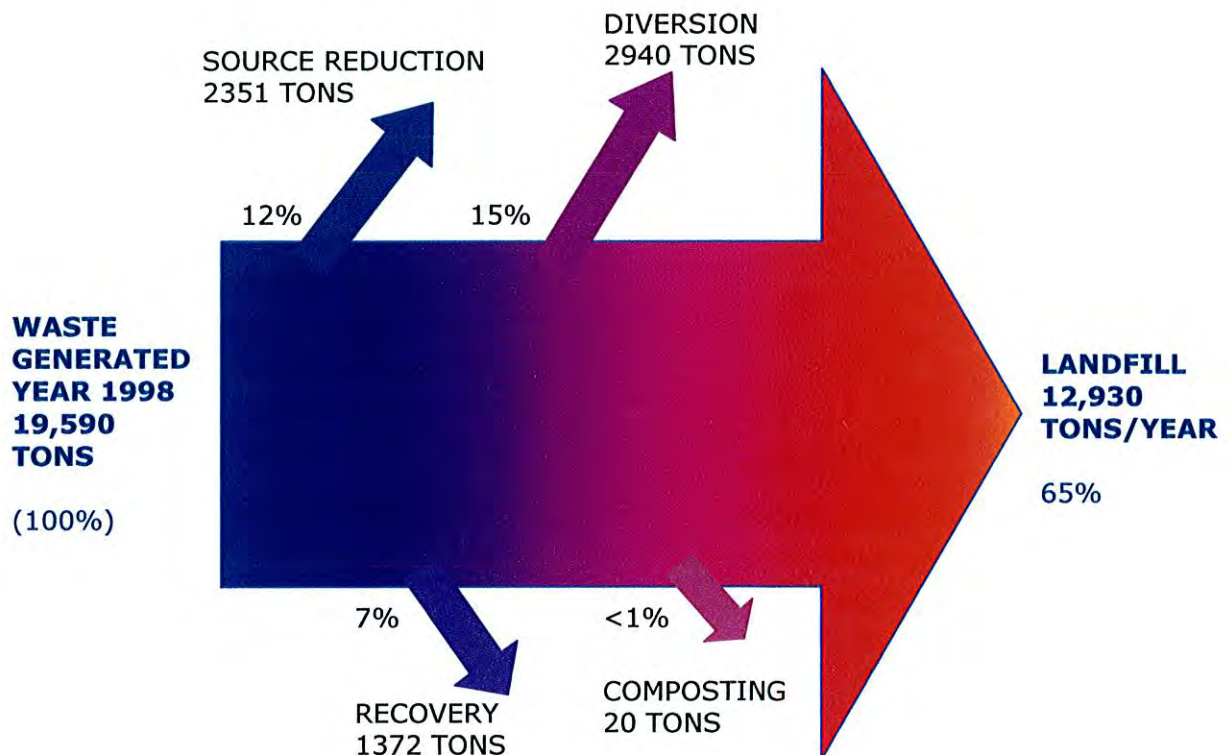
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Lafayette, Tennessee 37083
(615) 666-2385 / Fax: (615) 666-2519

Table of Contents

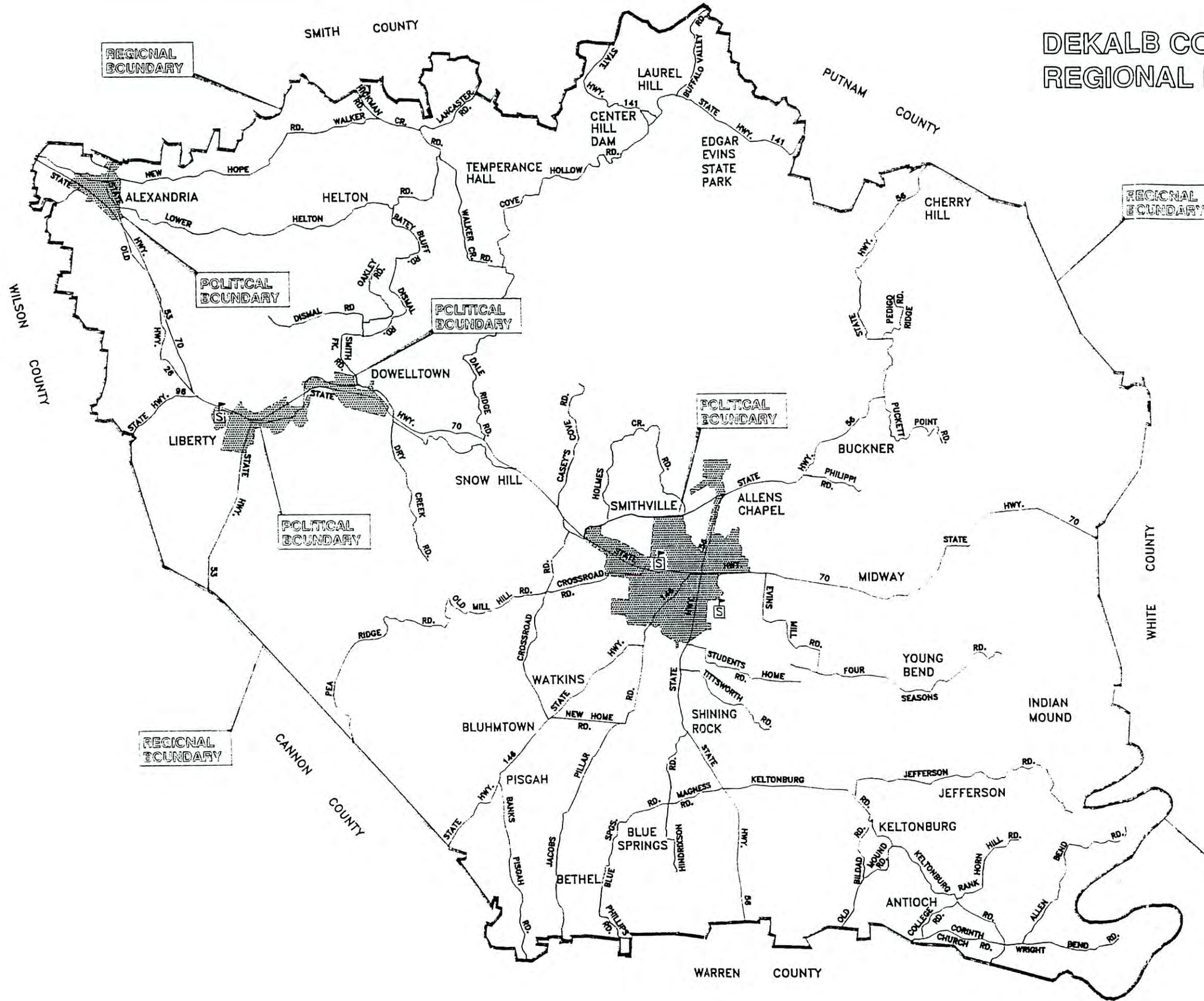
1	EXECUTIVE SUMMARY
2	GENERAL INFORMATION
3	WASTE STREAM
4	WASTE COLLECTION & TRANSPORTATION
5	REDUCTION ACTIVITIES
6	MUNICIPAL SOLID WASTE DISPOSAL
7	PROBLEM WASTES
8	SOLID WASTE EDUCATION
9	FLOW CONTROL & PERMIT REVIEW
10	UPDATE REVIEW & APPROVAL

2. The Solid Waste Collection System should be consolidated and improved. This can be accomplished by providing manned Convenience Centers at strategic locations throughout the Region.
3. The volume of Solid Waste generated must be reduced. This can be accomplished by either Recovery, Recycling and/or possibly Composting.
4. Construct a Class III-IV area to dispose of Yard Waste and Demolition Waste. This diversion of waste will extend the life of the Class I Landfill area.
5. In order to function according to this Plan the Region will need to implement a training program and add staffing to oversee the program.
6. There is also proposed a Solid Waste Education Committee that will assist in the Education Program in DeKalb County.
7. Establish a program to further address and handle Problem Waste, such as Waste Oil, Lead-Acid Batteries and especially Household Hazardous Waste. This program should be re-evaluated on an annual basis.




PROPORTIONAL FLOW DIAGRAM



DEKALB COUNTY, TENNESSEE REGIONAL BOUNDARY MAP



MAP SYMBOLS

-  SCHOOL
-  ROADS
-  COUNTY LINE

NOT TO SCALE



DeKalb County Executive

BILLY ADCOCK

1 Public Square • Courthouse • Room 204
SMITHVILLE, TENNESSEE 37166

JULY 27, 2001

RONNIE REECE
PROFESSIONAL ENGINEERING
7A COOK STREET
SPARTA, TN. 38583

MR. REECE,

DEKALB COUNTY PUBLIC HEARING OF THE SOLID WASTE MANAGEMENT
PLAN FIVE YEAR UPDATE WAS HELD ON THURSDAY JULY 26, 2001 AT
1:00 P.M. IN THE COUNTY EXECUTIVE OFFICE. NO ONE ATTENDED
THIS MEETING EXCEPT BILLY ADCOCK, COUNTY EXECUTIVE AND PEGGY
CURTIS ADMINISTRATIVE ASSISTANCE.

SINCERELY,

A handwritten signature in cursive script that reads "Billy Adcock".

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY

APPENDIX A

PUBLIC NOTICES

NOTICES 270 NOTICES 270 NOTICES 270 NOTICES 270

NOTICE OF INTENT TO ISSUE PERMIT FOR A SOLID WASTE DISPOSAL FACILITY

The Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM), has tentatively decided to issue a solid waste disposal facility permit major modification for construction, operation, closure, and post-closure care of a vertical expansion to the existing DeKalb County Class I Landfill for the disposal of municipal, commercial, and industrial solid waste.

The facility, identified as SNL 21-0243, is located on Felts Road, approximately nine miles east of Smithville and one mile south of Highway 70 on Felts Road, in DeKalb County, Tennessee (latitude 35 degrees 58' 10" N / longitude 85 degrees 41' 10" W). No hazardous wastes, as regulated by the Tennessee Hazardous Waste Management Act (Tennessee Code Annotated, Section 68-212-101, et. seq.) and the Rules adopted pursuant to the Act, shall be accepted for disposal at this facility. The official responsible for operation of the facility is Billy F. Adcock, DeKalb County Executive, Courthouse Rm. 204, #1 Public Square, Smithville, TN 37166, telephone: 615-597-5175.

Following an in-depth review of the application, DSWM has made a preliminary determination that this proposal meets the applicable requirements of Tennessee Rule Chapter 1200-1-7, Solid Waste processing and Disposal. It is the present intent of DSWM, pending consideration of any contrary technical information received during the public comment period ending on September 7, 2001, that this permit be issued.

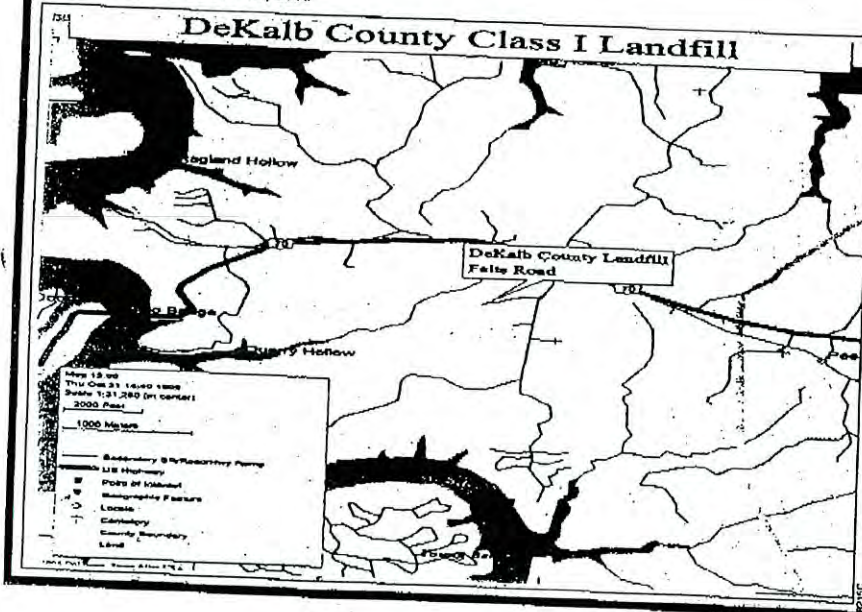
Copies of the application and data for this proposal may be viewed at the Justin Potter Library, 101 South First Street, Smithville, TN 37166-1706; telephone: 615-597-4359. These materials are also available for public inspection in the Public Access Area at the TDEC Environmental Assistance Center, 1221 South Willow Avenue, Cookeville, TN 38501, telephone: 931-432-4015.

The public is also invited to submit comments in writing to: Mr. Mike Apple, Director, Division of Solid Waste Management, 5th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1535; telephone: 615-532-0780. Comments must be received by 4:30 p.m. CDT on Friday September 7, 2001, to assure consideration. After considering all public comments, the DSWM Director will issue a final permit decision and a Response to Comments, which can be viewed as the Justin Potter Library or at the TDEC Environmental Assistance Center in Cookeville.

The Tennessee Department of Environment and Conservation is committed to the principles of equal opportunity, equal access, and affirmative action. For further information, you may contact the Department's ADA Coordinator at 401 Church Street, 7th Floor, L & C Tower, Nashville, TN 37243; telephone 1-888-867-2757. Hearing impaired callers may use the Tennessee Relay Service, telephone: 1-800-848-0298.

Persons who wish to be on the Division of Solid Waste Management's mailing list should obtain a Mailing List Request form by calling or writing the Public Participation Officer, Division of Solid Waste Management, Tennessee Department of Environment and Conservation, 5th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1535, telephone: (615) 532-0798, email: swm@mail.state.tn.us.

NOTICE ISSUED: JULY 25, 2001



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Call Classifieds at 597-6485

NOTICES 270 NOTI

NOTICE OF PUBLIC HEARING

WHEREAS, Betty K. Trawj application to the DeKalb Board for a permit to sell for consumption on the property located in the 1st location at which the pe exercised is on the west 70, approximately 15 mi DeKalb County Courthouse location is situated at 60 feet west of Hwy. 70 and a 3600 square foot building will operate under The Country Bar & Grill. No by given in accordance requirement in Section Tennessee Code Annotate application will be heard by the Board on August 7:00 PM in the courtroom of the DeKalb County in Smithville, Tennessee.

This the 13th day of July, 2

Michelle Smith
Beer Board Secretary

**DEKALB COUNTY PUBLIC HEARING
OF THE
SOLID WASTE MANAGEMENT PLAN
FIVE-YEAR UPDATE**

**July 26, 2001
1:00 pm
DeKalb County Courthouse
Smithville, Tennessee**

Attendees

1.	Mr. Billy Adcock, County Executive
2.	Ms. Peggy Curtis, Administrative Assistant
3.	
4.	
5.	
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20.	

APPENDIX B

COUNTY COMMISSION
APPROVALS

RESOLUTION

WHEREAS, the Solid Waste Management Act requires that DeKalb County's Solid Waste Plan be updated every five (5) years, and

WHEREAS, DeKalb County has completed it's five (5) year plan update and has hereby submitted said update to the DeKalb County Commission for approval,

BE IT HEREBY RESOLVED that DeKalb County's five (5) year plan update is approved by the DeKalb County Commission meeting in regular session of this 23rd day of July, 2001.

Motion to Approve: Jerry Scott

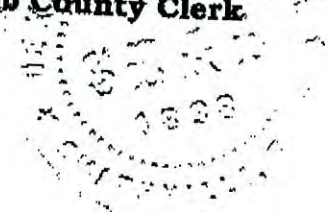
Second: Kerry D Hale

Approved:

Billy Adcock
Billy S. Adcock
DeKalb County Executive

ATTEST:

Johan H. Hussatt
DeKalb County Clerk



DEKALB COUNTY, TENNESSEE

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

DAVID FOUTCH

Typed Name of the Chairman of the Solid Waste Planning Board



Signature of the Chairman of the Solid Waste Planning Board

7-23-01

Date



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

January 10, 2002

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region 21
1 Public Square, Room 204
Smithville, TN 37166

RE: Five-year Update to Ten-year Solid Waste Plan
Dekalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you for submitting the requested information for the Five-Year Update to the Dekalb County MSW Region's Solid Waste Plan. The plan update is now 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 comments or need our assistance, please contact me at the Division of Community Assistance, (615) 532-0744.

Sincerely,

Becky Gorham

Becky Gorham
Solid Waste Assistance Programs

cc: The Honorable Billy S. Adcock, DeKalb County Executive
Dekalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



21

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December 4, 2001

Ms. Becky Gorham, Waste Reduction Section
Department of Environment & Conservation
Division of Community Assistance
L&C Tower, 8th Floor
401 Church Street
Nashville, TN 37243-1533



RE: Solid Waste Management Plan Five-Year Update

Dear Ms. Gorham:

Please find enclosed the **Revised DeKalb** County Municipal Solid Waste Planning Region's **Solid Waste Management Plan Five-Year Update**. This plan contains the revisions specified by your department and provides an update for the DeKalb County Felts Tract, Class I, Subtitle "D" Landfill, and is being submitted for your review.

If you have any questions, or need additional information, feel free to contact me at (931) 836-3764.

Sincerely,

Paul K. Goforth, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive

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DEC 06 2001

COMMUNITY ASSISTANCE
TENNESSEE DEPARTMENT
OF ENVIRONMENT &
CONSERVATION

DeKalb County Municipal Solid Waste Planning Region

Solid Waste Management Plan Five-Year Update

July 2001

REVISED November 2001

Board Members:

Billy Adcock

Tim Adcock

Ricky Baker

Cecil Burger

Kenneth Clayborn

David Foutch

Edd Hale

Jim Poss

Prepared By:



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DeKalb County Municipal Solid Waste Planning Region

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CHAPTER I

EXECUTIVE SUMMARY

REGIONAL DESCRIPTION AND FORMATION

DeKalb County elected to remain a Single-County Region due to the efforts and expense recently undertaken to establish a new Class I Landfill. This Landfill meets the new regulations as per Chapter 1200-1-7, Solid Waste Processing and Disposal. The new facility has a projected life until Summer 2011. Although some advantages may be provided through Multi-County Regions, DeKalb County presently has the majority of the necessary staffing and equipment in place to continue operating as a Single-County Region. Transportation to other Facilities will dramatically increase Solid Waste Management System Cost.

The county has formed a Solid Waste Region with a Board consisting of nine members. This is in pursuant to T.C.A. Section 68-211-813 (b)(1).

IMPLEMENTATION SYSTEM DEFINITION

It is proposed that the region continue operating a Class I Landfill in accordance with state rules and regulations. The projected life of the landfill is through the year 2011. Also, the county will continue to provide manned convenience centers for residential solid waste. The county has already met the twenty-five percent (25%) reduction requirement required by 2000.

The landfill has established a footprint of operation through August, 2001. At that time DeKalb County will open Cell D at the present landfill site which will provide disposal capacity until 2011. A Class III-Class IV Landfill is projected to be opened in the future which will reduce the volume of total solid waste entering the Class I operation.

In the year 2011 another Class I Landfill will be opened to provide disposal through the remainder of the planning period.

Also involved within this time frame is the additional amount of solid waste that can be averted from landfill. The projected calculations for the first planning period are:

Source reduction:	12%
Diversion (Demolition waste)	15%
Composting (yard waste)	1%
Recycling (newsprint, cardboard, glass & cans)	7%
Landfilling	66%

Refer to the Proportional Flow Diagram for DeKalb County

IMPLEMENTATION SCHEDULE

As previously discussed, a twenty-five percent (25%) reduction of solid waste has already been met. It is proposed that the additional personnel necessary to operate and supervise the system will continue. This essentially involves a Solid Waste Director that will be in charge of the proposed system in this plan. The county proposes to have added a Market Advisory Council, Educational Program, hard to Handle Waste Disposal, and Annual Reporting System with Certified Operators by July 1, 2002. With these additions the county will continue to meet the requirements of operating a system. This implementation is for the next five (5) years (2001-2006) period.

The schedule includes opening another Class I Landfill approximately in year 2011.

STAFFING AND TRAINING REQUIREMENTS

Solid Waste Collection and Disposal is a very critical and complicated process today, and will continue to become even more so in the future, as environmental controls are enacted by the State and Federal Governments. This is an area that places major liability on local County Governments with environmental monitoring of Groundwater quality.

Because of the complexity of the operation it is necessary that DeKalb County appoint a Director of Solid Waste. This position would assume full responsibility for the Collection and Disposal of the County Solid Waste Program. This individual must have management and construction experience to assure the proper operation of both Collection and Disposal functions. The Solid Waste Director should serve as a member of the Market Advisory Council and the Education Committee. The Director of Solid Waste would be appointed by and serve under the County Executive as provided by law under T.C.A. 5-6-106.

The County should also have a Landfill supervisor employed to supervise the day to day operation of the County's Landfill. Duties include maintaining proper cover, line and grade, maintain the Storm Water Run Off Collection System, the Leachate Collection System, and Closure/Post-Closure operations in the County. The Landfill supervisor should also be proficient in the operation of all heavy equipment used in the Landfill operation.

CURRENT SOLID WASTE MANAGEMENT SYSTEM

DeKalb County has a solid waste system that works very efficiently. There are no outstanding needs currently present. A new cell will be in operation in Mid-Summer, 2001. The setup for the Solid Waste Region is unusual, but very efficient. It seems to work very well having the County Executive serve as the Solid Waste Planning Region Chairman. The system does not have any aspects that stand out above the rest. It is all very good.

The current Management System provides excellent collection and disposal for DeKalb County. A total of 12,930 tons was processed in 1998 for an average of 0.81 tons/year/person. This volume of Solid Waste was collected from eighteen (18) separate locations within the Region. The Solid Waste generated was disposed of in the existing Class I Facility.

GROWTH TRENDS AND WASTE PROJECTIONS

The Region Growth Trends in Waste Production is slight over the next ten years. Total annual projections range from 12,930 tons in 1998 to 13,538 ton in 2011. This equates to an increase of 4.7% in ten years or less than ½ % per year.

WASTE REDUCTION

The State of Tennessee has established a reduction goal of twenty-five (25%) percent as per T.C.A. Section 68-31-861(a). This reduction must be attained by the DeKalb Solid Waste Region. A base year of 1995 established DeKalb County's Solid Waste per capita rate at 0.85 ton. At present this Region has reached its goal but with further efforts they can continue to reduce waste volume.

WASTE COLLECTION AND TRANSPORTATION

The current Waste Management System provides eighteen (18) Collection Sites throughout the Region of which two (2) trucks are equipped with 42 C.Y. containers and all collection sites are supplied with Roll-Off Containers. This major upgrade to the Collection System has eliminated all Green-Boxes in the Region in the past two (2) years.

RECYCLING

This System has initiated a Recycling Program. This action must be expanded by establishing a Market Advisory Board to develop markets for Recovered Waste and produce a revenue source. The recycling efforts will only be accomplished by having proper Educational Programs. The Region should strive to recycle a minimum of 1372 tons annually.

DISPOSAL

The present Class I Landfill will provide capacity until 2001 at which time a New Facility will be available. The need for a Class III-IV Facility will relieve the present Class I from volume that can be diverted. Present staffing will require minor changes to meet future needs.

PROBLEM WASTE

The County is required to establish a program to handle the Problem Waste. It is proposed that a system to meet the State's "Policy Guide" on Household Hazardous Waste be implemented (Refer to Chapter X). Waste Tires are currently being hauled to a recycling center. Automotive Waste Oil and Lead Acid Batteries will also be collected and handled according to the State's regulations. There are litter programs in each county which should continue.

EDUCATION

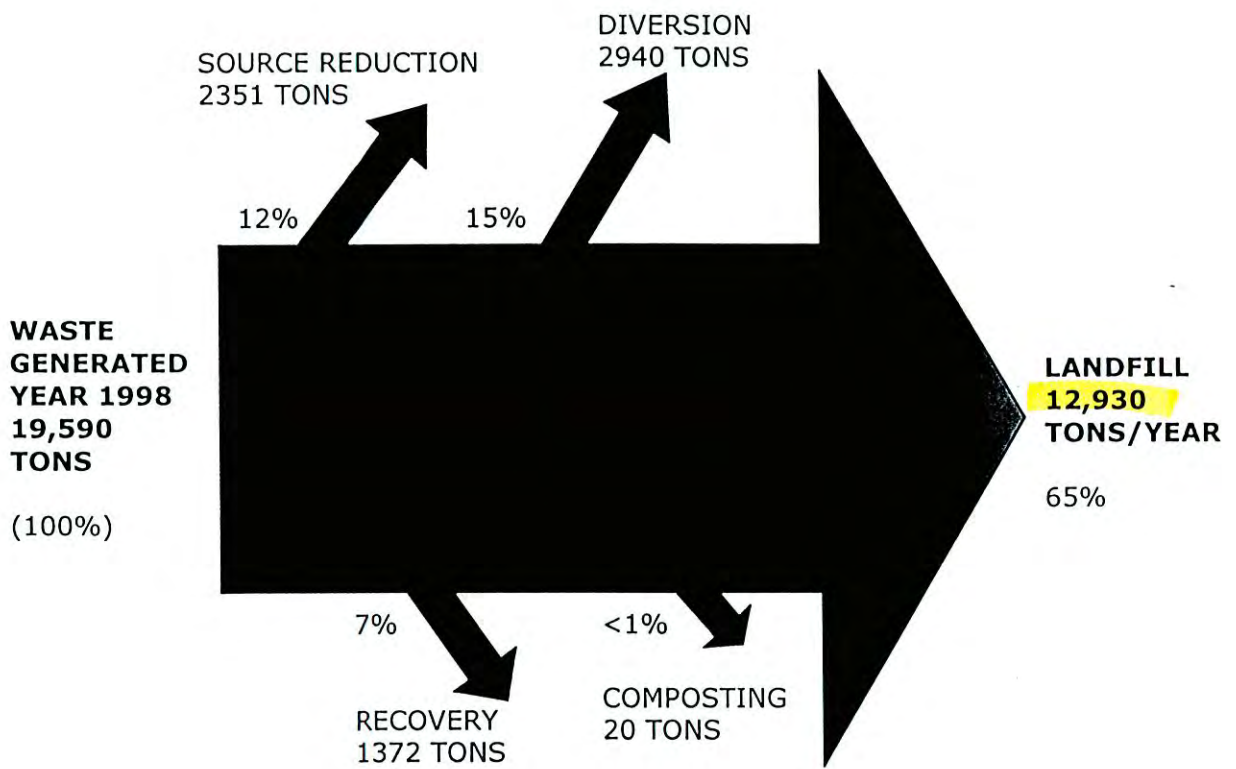
The progress is that businesses are being educated. The State could assist the counties by putting together an educational package of ideas. The county has not filed an education action plan. This Educational Program is to educate the citizens of Solid Waste Cost, the necessity to reduce volume of Waste Generated, the Value of Recycling, and the Environmental Benefits of a good Solid Waste Program. A Member of the DeKalb County Board of Education should serve on this committee.

SUMMARY OF REGIONAL NEEDS

The needs for the DeKalb County Region are defined as follows:

1. Adopt the Ten-year Solid Waste Plan and the Five-Year Update Plan to serve as a management tool for DeKalb County. The Plan should be reevaluated and revised on a regular basis.
2. The Solid Waste Collection System should be consolidated and improved. This can be accomplished by providing manned Convenience Centers at strategic locations throughout the Region.
3. The volume of Solid Waste generated must be reduced. This can be accomplished by either Recovery, Recycling and/or possibly Composting.
4. Construct a Class III-IV area to dispose of Yard Waste and Demolition Waste. This diversion of waste will extend the life of the Class I Landfill area.
5. In order to function according to this Plan the Region will need to implement a training program and add staffing to oversee the program.
6. There is also proposed a Solid Waste Education Committee that will assist in the Education Program in DeKalb County.
7. Establish a program to further address and handle Problem Waste, such as Waste Oil, Lead-Acid Batteries and especially Household Hazardous Waste. This program should be re-evaluated on an annual basis.

PROPORTIONAL FLOW DIAGRAM For The DEKALB COUNTY LANDFILL



CHAPTER II

GENERAL INFORMATION

1. County Name: **DeKalb County**

Municipalities: Smithville, Dowelltown, Liberty, and Alexandria

2. Population: **15,943 – Year 1998**

Source: District Needs Assessment of April, 1999. (U.S. Census Bureau (704-344-6144) and University of Tennessee Projections)

Area of County: **304.6 Sq. miles**

3. The county is a member of what solid waste region?: **DeKalb County**

Regional Chairman: **David Foutch**

County/Municipality Representing: **Liberty, TN 37095**

Mailing Address: **P.O. Box 460, Smithville, TN 37166**

Daytime Phone Number: **(615) 536-5037**

Term of Office: **Start – 9-01-98**

End – 8-30-03

Member Name	County/Municipality Representing	Term of Office	
		Start	End
Billy Adcock	DeKalb County, TN	9-1-01	8-30-02
Cecil Burger	Smithville, TN	9-1-93	6-30-02
Kenneth Clayborn	DeKalb County, TN	10-1-99	8-30-02
Tim Adcock	DeKalb County, TN	10-1-99	8-30-02
Jimmy Poss	DeKalb County, TN	10-1-99	8-30-02
Edd Hale	Liberty, TN	10-1-99	8-30-02
Ricky Baker	Alexandria, TN	10-1-99	8-30-03
David Foutch	Liberty, TN	10-1-99	8-30-03

4. The county is a member of what Part 9 Solid Waste Authority? (N/A is a possible response): **N/A**

5. Please list your top three contacts for solid waste information regarding this county:

Name: Billy S. Adcock
 Title: County Executive
 Phone: (615) 597-5175

Name: Angela Puckett
 Title: Administrative Assistant
 Phone: (615) 597-5175

Name: Peggy Curtis
 Title: Secretary
 Phone: (615) 597-5175

6. The Board meets as required. There is no established schedule for meeting. Typically the Board meets prior to the preparation of any planning document, such as the Annual Progress Report. A draft document is distributed when completed and another meeting is convened prior to submission for final review and comment.

All reports have been submitted on time and have been approved.

7. Does the county have metro government?: **NO**
8. Please list all municipalities in the county that have door to door collection service and their populations in 1998:

City/Town Name	Population
Smithville	4,110
Dowelltown	325
Liberty	412
Alexandria	744

9. What is the population of the remaining rural areas (subtract the total population from the urban areas in #8 above from the total county population in #2 above)?
10,352
10. Does the county (or Part 9 Authority, city or other jurisdiction within) charge a fee for solid waste services? (**Yes**) (No)

If yes, please identify the fee, when it was instituted and by what legal authority, what jurisdiction collects it, by what means it is collected, how much, and how often:

Commercial customers are charged \$40/ton enacted 1992 by the County Commission. They are billed once a month.

11. The costs and revenues involved in public funding for the solid waste programs and expenses in the region includes the one budget for the county (see Appendix C). Included in the budget are the capital cost considerations, staffing requirements and operating expenses. The county has only one budget which encompasses the municipalities of Alexandria, Dowelltown, Liberty and Smithville for solid waste. The current system is satisfactory at this time.
12. Uniform financial accounting methods are being used for the solid waste activities.
13. The proposed 10-year solid waste budget for the county is shown in Appendix C.

14. Who are the lead contacts in the county regarding solid waste budgets?

Name: Billy S. Adcock
Title: County Executive
Phone: (615) 597-5175

CHAPTER III

THE DISPOSED COUNTY WASTE STREAM Waste Reduction and Diversion Progress, Characterization, Unmanaged Waste

1. How many tons of solid waste were generated within the county in calendar year 1998 and disposed of in Class I landfills or incinerators (located in or out of the region)? **12,930**
2. Since the close of 1995 (when Annual Progress Reports began to collect data regarding waste reduction) is this county producing more or less waste per capita for disposal?

LESS. Waste reduction is being accelerated from source reduction and recycling from industrial, commercial, and institutional facilities. Educational programs have been implemented to reduce the waste per capita.

3. Estimate the percentage of the figure reported in #1 above that can be characterized in the following way:

Residential	55%
Commercial	13%
Industrial	30%
Institutional (School, hospital, prison)	2%
Other (including special)	0%

The total should equal 100%.

4. Estimate the percentage of the figure reported in #1 above that can be characterized in the following way:

Yard waste	1%
Construction/Demolition waste (Class IV)	0%
Tires	0%
White Goods	0%

5. Recent population reports show the county is experiencing 1.5% growth rate per year. This trend will not place any appreciable pressure on the county's waste system.
6. Discuss the economic condition of the county. Who are major employers? Is the unemployment rate high or low? What economic factors could affect the content and volume of the waste stream and waste reduction efforts in the county?

Unemployment is at a low 6.0% rate. The major employers in the County are all industrial. These industries are a major part of the County's waste stream.

7. Please list the top five contributors to the overall waste stream generated in the county and disposed in Class I Landfills or incinerators.

Major Contributor's to DeKalb County's Waste Stream

Contributor's Name:	Federal Mogul
Address:	1 Grizzly Lane Smithville, TN 37166
Phone:	(615) 597-6700
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	15%
Contributor's Name:	S&W Manufacturing
Address:	1111 West Broad Street Smithville, TN 37166
Phone:	(615) 597-8870
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	5%
Contributor's Name:	Walker Manufacturing
Address:	645 East Broad Street Smithville, TN 37166
Phone:	(615) 597-1616
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	5%
Contributor's Name:	Star Manufacturing
Address:	265 Hobson Street Smithville, TN 37166
Phone:	(615) 597-1561
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	3%

Contributor's Name:	Kingston Timers
Address:	P.O. Box 687 Smithville, TN 37166
Phone:	(615) 597-4096
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	2%

8. The County runs the litter grant program through the sheriffs department using prisoners to clean up the roadsides and any illegal dumps.
9. The economic growth adjustment formula analysis of 1999 for reporting solid waste disposal figures and progress toward the 25% waste reduction and diversion goals does show that progress is being made to further meet or exceed the 25% goal.

The following computations show that this method is favorable over the real time method. The MSW % reduction calculations using the Population Economic Ratio formula shows a 34% reduction compared to a 31% reduction by using the Population Ratio formula.

The county continues to achieve the 25% reduction goal as it has in the past, and plans to reduce waste in the future to achieve this goal.

10. The base year/goal year will require the county to reduce tonnage disposed in its Class I landfill to meet the 25% annual goal. If the population remains constant, this will amount to an annual tonnage reduction of 339 tons per year, or a total of 3,390 tons by the year 2011.
11. The programs now in place and the efforts and educational programs leading to waste reduction will help to meet or exceed the 25% reduction and diversion goal as planned. A Class III-IV Landfill is a proposed and planned solution by the county to meet the targeted amount of waste to be reduced; which is in future plans to select a site.

Recycling collection sites are accessible for its citizens and educational programs through the schools. Other organizations are in operation to encourage recycling to reduce waste in the landfill and to achieve the 25% goal.

Current reduction and diversion programs in operation at present do not generate revenues. The revenues are generated mainly from taxes, government grants, and tipping fees at the Class I Landfill.

The current year is 1999, and the 1995 base year tonnage has been modified to reflect documented tonnages of materials disposed, recycled, diverted, and reduced at the source.

$$\frac{1999 \text{ Pop: } 16,174}{1995 \text{ Pop: } 15,290} = \frac{1999 \text{ Region Employment } 7,800}{1995 \text{ Employment } 7,840} = \frac{1999 \text{ Region Real Tax Sales } 1,225}{1998 \text{ Region Real Tax Sales Ratio: } 1.225} = \frac{1999 \text{ Region Economic Growth Ratio: } 1.110}{1999 \text{ Region Employment } 0.995} = 1.110$$

$$\frac{1999 \text{ Sales: } \$6,746,900.72}{1995 \text{ Sales: } \$5,036,353.02} \div \frac{1999 \text{ CPI: } 166.6}{1995 \text{ CPI: } 152.4} = 1.11018 + 0.4 \times \frac{1999 \text{ Economic Ratio: } 1.110}{1999 \text{ Pop Econ Ratio: } 1.100} = 1.1058$$

Current Year Tons Disposed Adjustment Process

$$\frac{\text{Current Year Tons Disposed}}{\text{Current Year Adjusted Tons}} = \frac{\text{Pop Ratio Or Pop Econ Ratio}}{\text{Pop Ratio Or Pop Econ Ratio}} \Rightarrow \frac{\text{Base Year Tons} - \text{Current Year Adj. Tons}}{\text{Base Year Tons}} \times 100 = \text{\% Reduction of MSW Disposed in Current Year compared to 1995 Base Year}$$

$$\frac{1999 \text{ Region Tons: } 11,544}{1999 \text{ Region Adj. Tons Pop: } 10,911.15} \div \frac{1999 \text{ Region Pop Ratio: } 1.058}{1999 \text{ Region Adj. Tons Pop: } 10,911.15} \Rightarrow \frac{1995 \text{ Base Year Region Tons: } 15,812.00}{1995 \text{ Base Year Region Tons: } 15,812.00} \times 100 = \text{MSW \% Reduction for 1999 Using Pop Ratio } 31\%$$

Use the larger of the two results. A Positive Number Indicates Reduction. A Negative Number Indicates an Increase in MSW Disposal.

$$\frac{1999 \text{ Region Tons: } 11,544}{1999 \text{ Region Adj. Tons Econ: } 10,494.55} \div \frac{1999 \text{ Region Pop Econ Ratio: } 1.100}{1995 \text{ Base Year Region Tons: } 15,812.00} \Rightarrow \frac{1995 \text{ Base Year Region Tons: } 15,812.00 - 10,494.55}{1995 \text{ Base Year Region Tons: } 15,812.00} \times 100 = \text{MSW \% Reduction for 1999 Using Pop Econ Ratio } 34\%$$

CHAPTER IV

WASTE COLLECTION AND TRANSPORTATION – House to Convenience Centers, and Green Boxes

1. List collection services available in the county and cities within and basic information regarding the services.

SERVICE	AVAILABLE TO	PAID FOR BY	DESCRIPTION
Door-to-door	Smithville	City taxes	Throughout the town
Door-to-door	Alexandria	City taxes	Throughout the town
Door-to-door	Liberty	City taxes	Throughout the town
Door-to-door	Dowelltown	City taxes	Throughout the town
Convenience centers	DeKalb County	County taxes	7 - throughout the county
Door-to-door	Commercial Customers	Individual customers	BFI & Waste management

2. The first question under Waste Collection and Transportation in the Regional Annual Progress Report asks for a description to assure that minimum collection requirements mandated in the Solid Waste Management Act of 1991 have been complied with in a given county. In a similar manner, briefly describe how the minimum collection requirement at T.C.A. 68-211-851 is being met in this county.

The county exceeds the required minimum of two (2) convenience centers for collection by having seven convenience centers spread throughout the county.

3. Based on the information available and your experience working in the county, discuss any unmet collection needs that are apparent in the County.

There are currently no unmet needs.

CHAPTER V

REDUCTION ACTIVITIES – Recycling Programs, Processing and Composting Facilities

1. Does the county (or city or authority within) have a recycling coordinator?
NO

2. List the recycling programs in the county.

Program Name:	DeKalb County Recycling
Lead Contact:	Billy S. Adcock
Phone Number:	(615) 597-5175
Address:	1 Public Square, Room 204, Smithville, TN 37166
Items Accepted:	White goods, mulch, newspapers

3. Since the program has been in effect, the county has experienced good progress in recycling. Public efforts have made a good impact. A continuing process is in place to deal with recyclables and to educate the public.

4. List any composting facility in the county:

Name of facility:	DeKalb County Composting
Owner of facility:	DeKalb County
Contact:	Billy S. Adcock
Phone:	(615) 597-5175
Address:	1 Public Square, Room 204, Smithville, TN 37166
Population served by the facility:	15,943

Description of facility/process (does the facility accept yard waste, sewer sludge, food waste, wood mulch, other?)

Yard Waste.

5. List any recycling collection sites in the county:

Site Name	County	Items Collected	Description
Highway 56 North, Smithville, TN	DeKalb	Used Oil, Plastics, Newspapers, Aluminum Cans	Public Drop-Off
Alexandria, TN	DeKalb	Used Oil	Public Drop-off
Snow Hill, Smithville, TN	DeKalb	Used Oil, Chipper	Public Drop-Off

CHAPTER VI

MUNICIPAL SOLID WASTE DISPOSAL – Landfills, Incinerators, Waste to Energy Facilities, Transfer Stations and Waste Exports and Imports

Sources: In addition to the landfill and incinerator operators themselves, The Division of Solid Waste Management's estimated life survey will be a useful source.

1. Please list all the landfill facilities in the county:

Name of Facility:	DeKalb County Landfill
Owner:	DeKalb County
Operator/Contact:	Wilburn Luna (Operator) Billy S. Adcock (Contact)
Phone Number:	(615) 597-5175
Address/Location:	Felts Road, DeKalb County, TN
Classification of Landfill (I-IV):	Class I
Jurisdictions Served:	DeKalb County
Permit Number:	SNL 21-107-0243
Tipping fee per ton:	\$40.00

Of the landfills names in #1 above, which, if any, meet Federal Subtitle D regulations? **DeKalb County Landfill.**

2. Identify any Class I waste exported from or imported to the county. Include origin and destination.

EXPORTS

Exported to: County/State	Exported to: Facility Name and Owner	Estimated Percentage of Total Class I Waste Generated in the County
Rutherford/ TN	BFI	15% (1940 tons)

3. The current landfill has a lifespan of two months. The County will open a new site before the current one is closed.

4. The new site will have an expected life of ten years.
5. The only Class I Landfill, DeKalb County, is utilizing an enterprise fund to account for its financial activities as required by law.

DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
Estimated Revenues							
40000	LOCAL TAXES						
40100	County Property Taxes						
40110	Current Property Tax	\$ 363,810	\$ 385,168	\$ 323,092	\$ 339,247	\$ 356,209	\$ 374,019
40120	Trustee's Collections - Prior Year	\$ 13,662	\$ 14,000	\$ 14,000	\$ 14,000	\$ 15,000	\$ 15,500
40130	Circuit/Clerk & Master Collections-Prior Years	\$ 5,535	\$ 25,000	\$ 2,500	\$ 2,500	\$ 2,625	\$ 2,750
40140	Interest and Penalty	\$ 2,639	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,625	\$ 2,750
40150	Pickup Taxes	\$ 548	\$ 700	\$ 700	\$ 700	\$ 700	\$ 735
	TOTAL LOCAL TAXES	\$ 386,194	\$ 427,368	\$ 342,792	\$ 358,947	\$ 377,159	\$ 395,754
43000	CHARGES FOR CURRENT SERVICES						
43100	General Service Charges						
43110	Tipping Fees	\$ 190,378	\$ 170,000	\$ 170,000	\$ 170,000	\$ 178,500	\$ 178,500
	TOTAL CHARGES FOR CURRENT SERVICES	\$ 190,378	\$ 170,000	\$ 170,000	\$ 170,000	\$ 178,500	\$ 178,500
44000	OTHER LOCAL REVENUES						
44100	Recurring Items						
44110	Investment Income	\$ 178,295	\$ -	\$ -	\$ -	\$ -	\$ -
44130	Sale of Materials and Supplies	\$ 1,054	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100
44170	Miscellaneous Refunds	\$ 137	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL OTHER LOCAL REVENUES	\$ 179,486	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,050	\$ 1,100
46000	STATE OF TENNESSEE						
46100	General Government Grants						
46170	Solid Waste Grants	\$ 6,026	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,600	\$ 13,230
46800	Other State Revenues						
46990	Other State Revenues	\$ -	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,150	\$ 3,307
	TOTAL STATE OF TENNESSEE	\$ 6,026	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,750	\$ 16,537
	Total Estimated Revenues	\$ 762,084	\$ 613,368	\$ 528,792	\$ 544,947	\$ 572,459	\$ 591,891

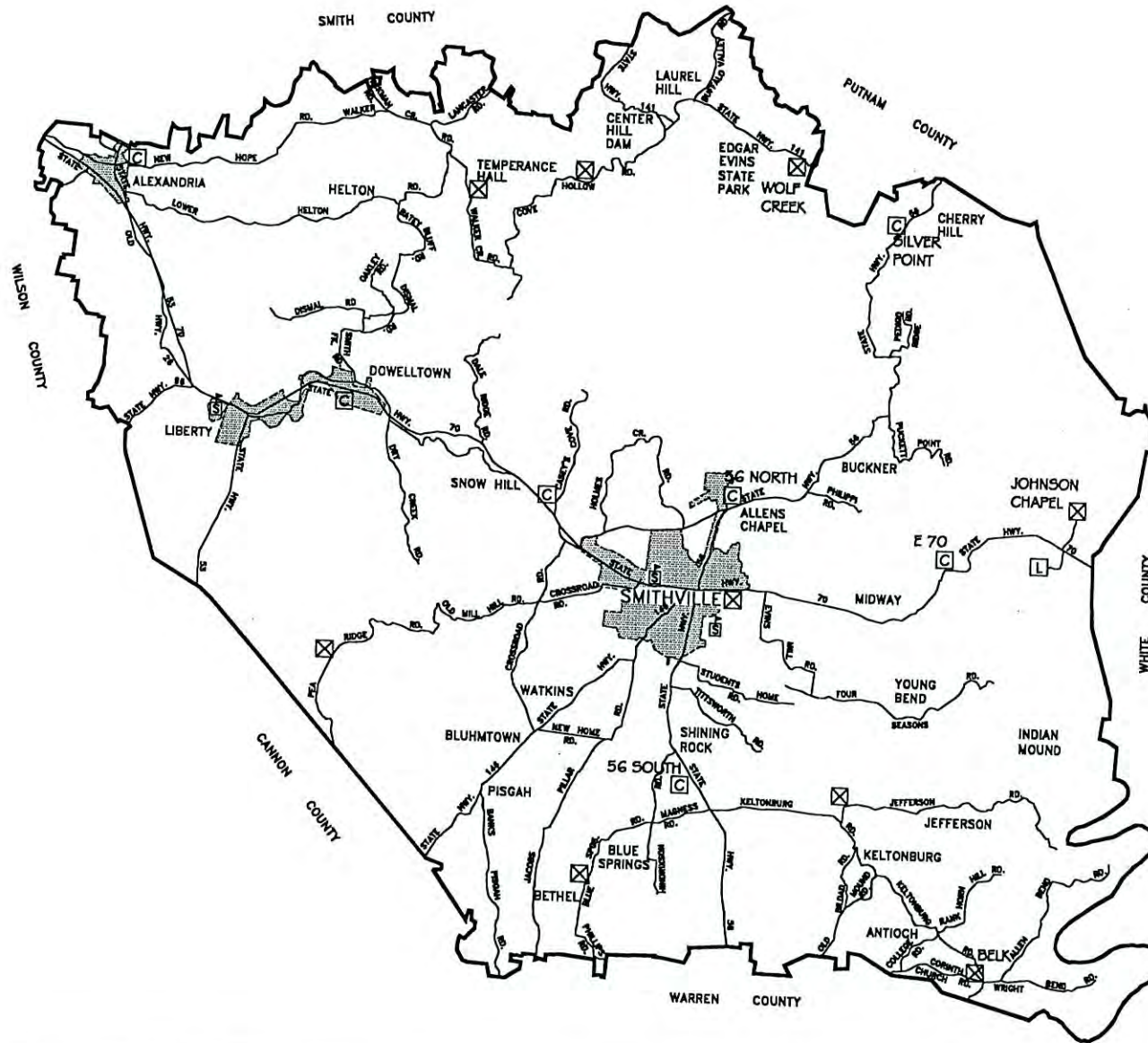
DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
Estimated Other Sources							
49500	Other Loan Proceeds	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -
49800	Operating Transfers	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL ESTIMATED REVENUES & OTHER SOURCES		\$ 832,084	\$ 1,813,368	\$ 528,792	\$ 544,947	\$ 572,459	\$ 591,891
Estimated Expenditures							
PUBLIC HEALTH AND WELFARE							
Waste Pickup							
149	Laborers	\$ 32,379	\$ 38,900	\$ 43,000	\$ 48,160	\$ 53,939	\$ 60,412
338	Maintenance & Repair Services-Vehicles	\$ -	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,200	\$ 4,400
499	Other Supplies and Materials	\$ -	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Total Waste Pickup		\$ 32,379	\$ 43,000	\$ 47,100	\$ 52,260	\$ 58,239	\$ 64,912
Convenience Centers							
149	Laborers	\$ 89,821	\$ 103,000	\$ 115,000	\$ 128,800	\$ 144,256	\$ 161,567
499	Other Supplies & Materials	\$ 3,363	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,150	\$ 3,300
715	Land	\$ -	\$ 100	\$ 100	\$ 100	\$ 150	\$ 200
791	Other Construction	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Total Convenience Centers		\$ 93,184	\$ 107,100	\$ 119,100	\$ 132,900	\$ 148,556	\$ 166,067
Landfill Operation and Maintenance							
149	Laborers	\$ 103,929	\$ 122,500	\$ 129,500	\$ 136,880	\$ 144,684	\$ 152,930
321	Engineering Services	\$ 159,713	\$ 50,000	\$ 50,000	\$ 50,000	\$ 52,500	\$ 55,200
329	Laundry Service	\$ 6,184	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500	\$ 6,500
330	Operating Lease Payments	\$ 4,839	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600	\$ 25,600
338	Maintenance & repair Services-Vehicles	\$ 95,066	\$ 50,000	\$ 55,000	\$ 60,500	\$ 66,550	\$ 73,200
399	Other Contracted Services	\$ 53,237	\$ 57,000	\$ 57,000	\$ 57,000	\$ 59,850	\$ 59,850
409	Crushed Stone	\$ 14,354	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
412	Diesel Fuel	\$ 33,617	\$ 37,000	\$ 39,000	\$ 40,950	\$ 43,000	\$ 45,150

**DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations**

Account No.	Description	Actual 1999-2000	Estimated 2000-2001	Estimated 2001-2002	Estimated 2002-2003	Estimated 2003-2004	Estimated 2004-2005
Landfill Operation and Maintenance (cont.)							
452	Utilities	\$ 6,876	\$ 7,900	\$ 9,500	\$ 9,500	\$ 10,000	\$ 10,500
499	Other Supplies and Materials	\$ 20,395	\$ 30,000	\$ 30,000	\$ 30,000	\$ 31,500	\$ 33,100
599	Other Charges	\$ 7,221	\$ 13,500	\$ 13,500	\$ 13,500	\$ 14,175	\$ 14,884
718	Motor Vehicles	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
790	Other Equipment	\$ 85,131	\$ -	\$ -	\$ -	\$ -	\$ -
791	Other Construction	\$ 16,659	\$ 1,200,000	\$ 33,000	\$ 36,300	\$ 40,000	\$ 44,000
	Total Landfill Operation and Maintenance	\$ 607,221	\$ 1,615,000	\$ 463,600	\$ 481,730	\$ 509,359	\$ 535,914
Other Waste Disposal							
55759	Board and Committee Members Fees	\$ -	\$ 500	\$ 500	\$ 500	\$ 500	\$ 500
191	Social Security	\$ 17,033	\$ 20,000	\$ 22,000	\$ 24,200	\$ 26,600	\$ 29,300
201	State Retirement	\$ 1,493	\$ 2,500	\$ 2,800	\$ 3,150	\$ 3,500	\$ 3,900
204	Unemployment Compensation	\$ 1,832	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,850	\$ 4,250
210	Trustee's Commission	\$ 11,410	\$ 10,500	\$ 12,500	\$ 14,500	\$ 16,500	\$ 18,500
510	Interest on Notes	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,600	\$ 2,700
604							
	Total Other Waste Disposal	\$ 31,768	\$ 39,500	\$ 43,800	\$ 48,350	\$ 53,550	\$ 59,150
Postclosure Care Costs							
55770	Other Contract Services	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 12,000
399							
	Total Postclosure Care Costs	\$ -	\$ 10,000	\$ 1,000	\$ 10,000	\$ 10,000	\$ 12,000
	Total Estimated Expenditures	\$ 764,552	\$ 1,814,600	\$ 674,600	\$ 725,240	\$ 779,704	\$ 838,043
	Excess of Estimated Revenues and Other Sources Over (Under) Estimated Expenditures	\$ 67,532	\$ (1,232)	\$ (145,808)	\$ (180,293)	\$ (207,245)	\$ (246,152)
	Estimated Beginning Fund Balance-July 1	\$ 211,926	\$ 279,458	\$ 278,226	\$ 306,050	\$ 336,655	\$ 370,320
	Estimated Ending Fund Balance-June 30	\$ 279,458	\$ 278,226	\$ 132,418	\$ 125,757	\$ 129,410	\$ 124,168

DEKALB COUNTY, TENNESSEE
MAP OF CURRENT SYSTEM



MAP SYMBOLS

- ☒ GREEN BOX
- ⓐ CONVENIENCE CENTER
- Ⓛ LANDFILL
- ROADS
- COUNTY LINE

REVISED 11/14/01
NOT TO SCALE

CHAPTER VII

COLLECTION AND DISPOSAL OF PROBLEM WASTES

Sources: Local Contacts and State Division of Community Assistance.

1. Has this county taken advantage of the State's household hazardous waste mobile collection service in the last two years? **YES.**
2. Does the County or a jurisdiction within operate a permanent household hazardous waste collection center? **NO.**
3. Briefly discuss the County's level of success with household hazardous waste collection and level of satisfaction with the State program.

This program is working fine for the County.

4. Describe the County's efforts to see that a waste tire collection site is available in the County:

The County collects tires at the landfill.

5. What happens to waste tires in the County once they are collected?

A Tennessee tire recycling facility is being used for disposal.

6. Discuss the County's level of satisfaction with waste tire collection efforts and the State Waste tire program. What changes are foreseen? What changes are needed? Does the county have a problem with waste tire dumping?

The County is very satisfied with the program. The County does not have a significant problem with waste tire dumping.

7. The County has three (3) sites for auto fluid and one site for lead acid battery collection.

CHAPTER VIII

SOLID WASTE EDUCATION PROGRAMS

1. Please list any persons or organizations that are active in efforts to educate the public regarding solid waste matters in the county.

Name:	TNSWEP
Organization/Sponsor:	Billy S. Adcock, County Executive
Phone Number:	(615) 597-5175
Address:	1 Public Square, Room 204 Smithville, TN 37166
Target participants:	4th Grade Students
Description of Activities:	Presentations are conducted, contests, etc.

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

The progress is that businesses are being educated. The State could assist the County by putting together an educational package of ideas. The County has not filed an education action plan.

CHAPTER IX

FLOW CONTROL & PERMIT REVIEW

1. There are no attempts made to control the flow of waste.
2. DeKalb County has no outstanding issues with regard to permit review or flow control.

CHAPTER X

FIVE-YEAR PLAN UPDATE REVIEW

1. A public hearing was held in DeKalb County. A copy of the public notice is included. Publication of the notice; day, date, place; and time of the hearing is noted under the county heading as are notes regarding participation and comments. A copy of the Public Notice is included.

DeKalb County: 1:00 pm, Thursday, July 26, 2001 in the DeKalb County Courthouse.

2. The five year update was shared with the local Planning Commissions. No comments were submitted as a result.

DEKALB COUNTY

County/Town
DeKalb County

Date Discussed
July 23, 2001

Comments
See Attached Letter

DEKALB COUNTY, TENNESSEE

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

BILLY ADCOCK

Typed Name of the County Executive

Billy Adcock

Signature of the County Executive

Date

APPENDIX A

PUBLIC NOTICES



DeKalb County Executive

BILLY ADCOCK

1 Public Square • Courthouse • Room 204
SMITHVILLE, TENNESSEE 37166

JULY 27, 2001

RONNIE REECE
PROFESSIONAL ENGINEERING
7A COOK STREET
SPARTA, TN. 38583

MR. REECE,

DEKALB COUNTY PUBLIC HEARING OF THE SOLID WASTE MANAGEMENT
PLAN FIVE YEAR UPDATE WAS HELD ON THURSDAY JULY 26, 2001 AT
1:00 P.M. IN THE COUNTY EXECUTIVE OFFICE. NO ONE ATTENDED
THIS MEETING EXCEPT BILLY ADCOCK, COUNTY EXECUTIVE AND PEGGY
CURTIS ADMINISTRATIVE ASSISTANCE.

SINCERELY,

A handwritten signature in cursive script that reads "Billy Adcock".

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY

**DEKALB COUNTY PUBLIC HEARING
OF THE
SOLID WASTE MANAGEMENT PLAN
FIVE-YEAR UPDATE**

**July 26, 2001
1:00 pm
DeKalb County Courthouse
Smithville, Tennessee**

Attendees

1.	Mr. Billy Adcock, County Executive
2.	Ms. Peggy Curtis, Administrative Assistant
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
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15.	
16.	
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18.	
19.	
20.	

APPENDIX B

COUNTY COMMISSION

APPROVALS

RESOLUTION

WHEREAS, the Solid Waste Management Act requires that DeKalb County's Solid Waste Plan be updated every five (5) years, and

WHEREAS, DeKalb County has completed it's five (5) year plan update and has hereby submitted said update to the DeKalb County Commission for approval,

BE IT HEREBY RESOLVED that DeKalb County's five (5) year plan update is approved by the DeKalb County Commission meeting in regular session of this 23rd day of July, 2001.

Motion to Approve: Jerry Scott

Second: Kerry D Hale

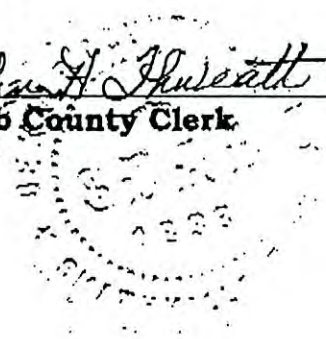
Approved:

Billy Adcock

**Billy S. Adcock
DeKalb County Executive**

ATTEST:

Johan H. Hurst
DeKalb County Clerk



APPENDIX C

**SOLID WASTE DISPOSAL FUND
STATEMENT OF PROPOSED OPERATIONS**



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37243-0455

September 7, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region 2 (1)
1 Public Square, Room 204
Smithville, TN 37166

RE: **Five-year Update** to Ten-year Solid Waste Plan
Dekalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you again for your submission of the Dekalb County Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. The plan's update has been reviewed. The following comments are provided based upon this review:

- Chapter 1.1 requires an implementation schedule illustrating current and planned facilities and programs. **The Region must provide a schedule.**
- Chapter 1.2 requires a base systems map for facilities not limited to, but including convenience centers, class I landfills, etc. Map provided does not exhibit locations of solid waste facilities. **Please revise map provided to include such facilities.**
- Chapter 1.3 requires a flow diagram illustrating waste stream. The flow diagram on page 3 indicates that 12,930 tons were landfilled in 1998. Information on page 6 states that 15,870 tons were landfilled in 1998. **Please reconcile these figures.**
- Chapter 2.1 requires information on municipalities that comprise the Region. The cities/towns of Smithville, Dowelltown, Liberty and Alexandria are all mentioned in various places in the plan revision. **Please clarify whether these represent the jurisdictions represented by the Dekalb County Region.**
- Chapter 2.2 provides a figure for the population of Dekalb County. **What is the source of this information and what year does it reflect?**
- Chapter 2.3 requires a **complete list of the Regional Solid Waste Board Members, their term expiration dates and whom they represent.** In addition, the plan revision indicates that Billy S.

Adcock is the Regional Board Chairman. David Foutch signed the revision as the Chairman of the Solid Waste Planning Board. **Please explain this apparent discrepancy.**

- Chapter 2.10 Page 5 indicates that a fee is charged to commercial customers. **When was this fee instituted and by what authority?**
- Chapter 2.11 and 13 requires a description of the costs and revenues involved in public funding for solid waste programs and expenses in the Region. Be sure to include capital costs consideration, staffing requirements and operating expenses. Proposed solid waste budget for the Region is also required. The Region includes municipalities, as well as the County. **Please provide the details required and budget information for all jurisdictions in the Region.** (A sample budget is attached)
- Chapter 5.4 requires a listing of the recycling collection sites in the Region. Page 2 of the plan revision identifies 18 waste collection sites in the Region. Page 11 lists 3 collection sites for used oil, one with a chipper. **Are no other recyclables collected in the Region? Does the 1372 tons of waste recovered as listed on page 3 represent only used oil?**
- Chapter 6.2 requires information on volume of waste exported. **What tonnage is represented by the 15% figured provided on page 12?**
- Chapter 10.2 Page 17 of the plan revision indicates that the Planning Commissions in the Region were notified of the revision. Letter referenced concerns public hearing. **Were the appropriate Planning Commissions notified and were any comments submitted as a result?**
- Signature page at the end of the plan revision should be signed by both the Region Chairman and the County Executive. As mentioned above, David Foutch signed the revision as the Chairman of the Solid Waste Planning Board. There is not a signature by the County Executive. **If you are both the Chairman of the Board and the County Executive, please sign as such.**

The information requested here should be received in this office no later than December 7, 2001. If you need additional information or have questions, please contact me at 615-532-0744.

Sincerely,

Becky Gorham

Becky Gorham

cc: The Honorable Billy S. Adcock, DeKalb County Executive
DeKalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

August 1, 2001

Mr. Billy S. Adcock, Chairman

Dekalb County Municipal SW Planning Region 21

1 Public Square, Room 204

Smithville, TN 37166

RE: Five-year Update to Ten-year Solid Waste Plan
Dekalb County Municipal SW Planning Region

Dear Mr. Adcock:

Thank you for your timely submission of the Dekalb County Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on July 31, 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 Billy S. Adcock, DeKalb County Executive
Dekalb County Solid Waste Director
Mr. Jason Thompson, (SWM), Upper Cumberland Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Rob Howard, EC, Cookeville Environmental Assistance Center
Mr. Ronnie G. Reece, Professional Engineering Services, Inc.



PROFESSIONAL ENGINEERING SERVICES, INC.

Serving the Upper Cumberland Region Since 1982

P. O. Box 812 • 7A COOK STREET • SPARTA, TN 38583 • (931) 836-3764 • FAX (931) 836-3935

July 26, 2001

Mr. Robert Knight, Waste Reduction Section
Department of Environment & Conservation
Division of Community Assistance
L&C Tower, Floor 8
401 Church Street
Nashville, TN 37243-1533



RE: Solid Waste Management Plan Five-Year Update

Dear Mr. Knight:

Please find enclosed the DeKalb County Municipal Solid Waste Planning Region's ***Solid Waste Management Plan Five-Year Update***. This plan provides an update for the DeKalb County Felts Tract, Class I, Subtitle "D" Landfill, and is being submitted for your review.

If you have any questions, or need additional information, feel free to contact me at (931) 836-3764.

Sincerely,

Ronnie G. Reece, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive

RECEIVED

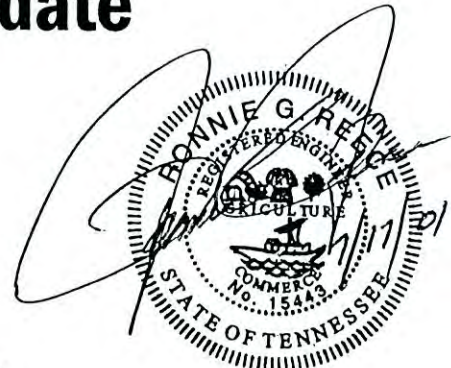
JUL 31 2001

COMMUNITY ASSISTANCE
TENNESSEE DEPARTMENT
OF REVENUE, REVENUE
ADMINISTRATION &
REGISTRATION

DeKalb County Municipal Solid Waste Planning Region

Solid Waste Management Plan Five-Year Update

July 2001



Board Members:
Billy Adcock

Tim Adcock
Ricky Baker
Cecil Burger
Kenneth Clayborn

David Foutch
Edd Hale
Jim Poss
James White

Prepared By:



*Professional Engineering
Services, Inc.*
Designing your future.

7A Cook Street
Sparta, Tennessee 38583
(931) 836-3764 / Fax: (931) 836-3935

204 West Locust Street
Lafayette, Tennessee 37083
(615) 666-2385 / Fax: (615) 666-2519

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7	PROBLEM WASTES
8	SOLID WASTE EDUCATION
9	FLOW CONTROL & PERMIT REVIEW
10	UPDATE REVIEW & APPROVAL

CHAPTER I

EXECUTIVE SUMMARY

REGIONAL DESCRIPTION AND FORMATION

DeKalb County elected to remain a Single-County Region due to the efforts and expense recently undertaken to establish a new Class I Landfill. This Landfill meets the new regulations as per Chapter 1200-1-7, Solid Waste Processing and Disposal. The new facility has a projected life until Summer 2011. Although some advantages may be provided through Multi-County Regions, DeKalb County presently has the majority of the necessary staffing and equipment in place to continue operating as a Single-County Region. Transportation to other Facilities will dramatically increase Solid Waste Management System Cost.

The county has formed a Solid Waste Region with a Board consisting of nine members. This is in pursuant to T.C.A. Section 68-211-813 (b)(1).

CURRENT SOLID WASTE MANAGEMENT SYSTEM

DeKalb County has a solid waste system that works very efficiently. There are no outstanding needs currently present. A new cell will be in operation in Mid-Summer, 2001. The setup for the Solid Waste Region is unusual, but very efficient. It seems to work very well having the County Executive serve as the Solid Waste Planning Region Chairman. The system does not have any aspects that stand out above the rest. It is all very good.

The current Management System provides excellent collection and disposal for DeKalb County. A total of 12,930 tons was processed in 1998 for an average of 0.81 tons/year/person. This volume of Solid Waste was collected from eighteen (18) separate locations within the Region. The Solid Waste generated was disposed of in the existing Class I Facility.

GROWTH TRENDS AND WASTE PROJECTIONS

The Region Growth Trends in Waste Production is slight over the next ten years. Total annual projections range from 12,930 tons in 1998 to 13,538 ton in 2011. This equates to an increase of 4.7% in ten years or less than ½ % per year.

WASTE REDUCTION

The State of Tennessee has established a reduction goal of twenty-five (25%) percent as per T.C.A. Section 68-31-861(a). This reduction must be attained by the DeKalb Solid Waste Region. A base year of 1995 established DeKalb County's Solid Waste per capita rate at 0.85 ton. At present this Region has reached its goal but with further efforts they can continue to reduce waste volume.

WASTE COLLECTION AND TRANSPORTATION

The current Waste Management System provides eighteen (18) Collection Sites throughout the Region of which two (2) trucks are equipped with 42 C.Y. containers and all collection sites are supplied with Roll-Off Containers. This major upgrade to the Collection System has eliminated all Green-Boxes in the Region in the past two (2) years.

RECYCLING

This System has initiated a Recycling Program. This action must be expanded by establishing a Market Advisory Board to develop markets for Recovered Waste and produce a revenue source. The recycling efforts will only be accomplished by having proper Educational Programs. The Region should strive to recycle a minimum of 1372 tons annually.

DISPOSAL

The present Class I Landfill will provide capacity until 2001 at which time a New Facility will be available. The need for a Class III-IV Facility will relieve the present Class I from volume that can be diverted. Present staffing will require minor changes to meet future needs.

PROBLEM WASTE

The County is required to establish a program to handle the Problem Waste. It is proposed that a system to meet the State's "Policy Guide" on Household Hazardous Waste be implemented (Refer to Chapter X). Waste Tires are currently being hauled to a recycling center. Automotive Waste Oil and Lead Acid Batteries are currently being hauled to a recycling center according to the State's regulations. There are lit... continue.

TNSWEPT

EDUCATION

The progress is that businesses are being educated by putting together an educational package of ideas and action plan. This Educational Program is to educate the necessity to reduce volume of Waste Generated and the Environmental Benefits of a good Solid Waste Program. A Member of the DeKalb County Board of Education should serve on this committee.

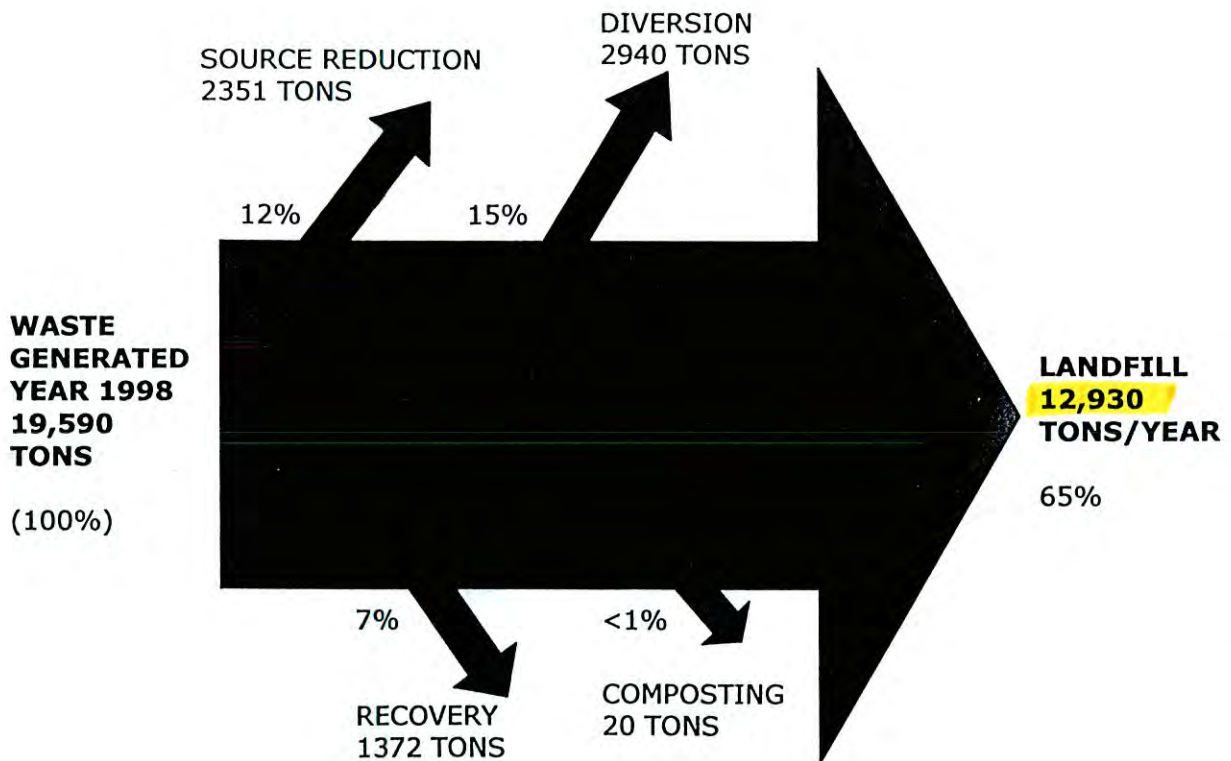
SUMMARY OF REGIONAL NEEDS

The needs for the DeKalb County Region are defined as follows:

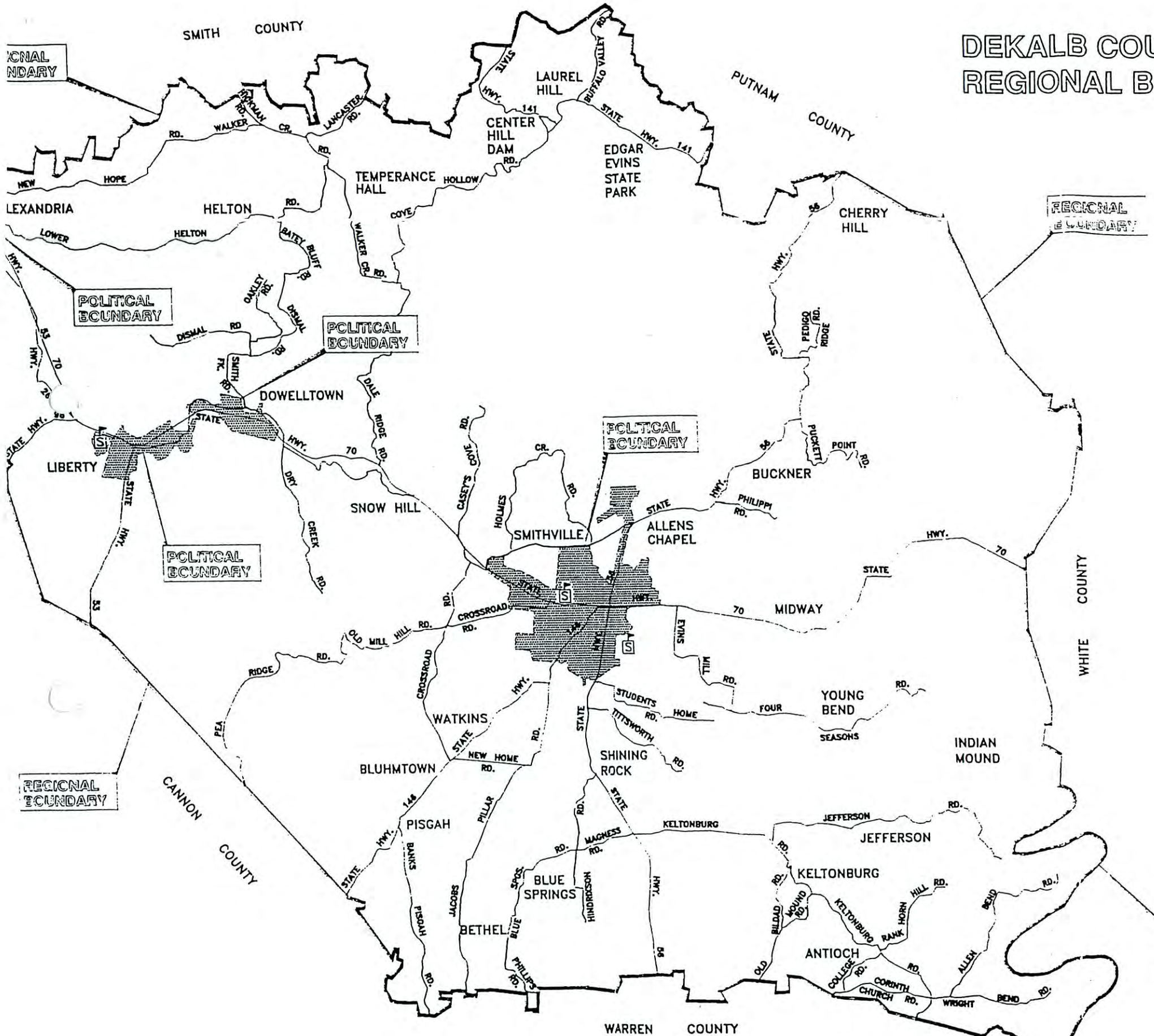
1. Adopt the Ten-year Solid Waste Plan and the Five-Year Update Plan to serve as a management tool for DeKalb County. The Plan should be reevaluated and revised on a regular basis.

2. The Solid Waste Collection System should be consolidated and improved. This can be accomplished by providing manned Convenience Centers at strategic locations throughout the Region.
3. The volume of Solid Waste generated must be reduced. This can be accomplished by either Recovery, Recycling and/or possibly Composting.
4. Construct a Class III-IV area to dispose of Yard Waste and Demolition Waste. This diversion of waste will extend the life of the Class I Landfill area.
5. In order to function according to this Plan the Region will need to implement a training program and add staffing to oversee the program.
6. There is also proposed a Solid Waste Education Committee that will assist in the Education Program in DeKalb County.
7. Establish a program to further address and handle Problem Waste, such as Waste Oil, Lead-Acid Batteries and especially Household Hazardous Waste. This program should be re-evaluated on an annual basis.




PROPORTIONAL FLOW DIAGRAM



DEKALB COUNTY, TENNESSEE REGIONAL BOUNDARY MAP



MAP SYMBOLS

-  SCHOOL
-  ROADS
-  COUNTY LINE

REGIONAL BOUNDARY

CHAPTER II

GENERAL INFORMATION

1. County Name: **DeKalb County**
2. Population: **15,943**
Area of County: **304.6 Sq. miles**
3. The county is a member of what solid waste region?: **DeKalb County**
Regional Chairman: **Billy S. Adcock**
Phone Number: **(615) 597-5175**
4. The county is a member of what Part 9 Solid Waste Authority? (N/A is a possible response): **N/A**
5. Please list your top three contacts for solid waste information regarding this county:

Name: Billy S. Adcock
Title: County Executive
Phone: (615) 597-5175

Name: Angela Puckett
Title: Administrative Assistant
Phone: (615) 597-5175

Name: Peggy Curtis
Title: Secretary
Phone: (615) 597-5175
6. The Board meets as required. There is no established schedule for meeting. Typically the Board meets prior to the preparation of any planning document, such as the Annual Progress Report. A draft document is distributed when completed and another meeting is convened prior to submission for final review and comment.

All reports have been submitted on time and have been approved.
7. Does the county have metro government?: **NO**
8. Please list all municipalities in the county that have door to door collection service and their populations in 1998:

City/Town Name	Population
Smithville	4,110
Dowelltown	325
Liberty	412
Alexandria	744

9. What is the population of the remaining rural areas (subtract the total population from the urban areas in #8 above from the total county population in #2 above)?
10,352
10. Does the county (or Part 9 Authority, city or other jurisdiction within) charge a fee for solid waste services? (**Yes**) (No)

If yes, please identify the fee, when it was instituted and by what legal authority, what jurisdiction collects it, by what means it is collected, how much, and how often:

Commercial customers are charged \$40/ton. They are billed once a month.

11. The county seems assured that the revenue collection and revenue charges are equal or above expenses as evidenced by past actual budget reports.
12. Uniform financial accounting methods are being used for the solid waste activities.
13. The proposed 10-year solid waste budget for the county is shown.

**10-YEAR SOLID WASTE
BUDGET PROJECTIONS**

<u>Year</u>	<u>(in \$)</u>
2001	1,805,600
2002	688,380
2003	722,799
2004	758,939
2005	796,886
2006	836,730
2007	878,567
2008	922,495
2009	968,620
2010	1,017,051
2011	1,067,903

14. Who are the lead contacts in the county regarding solid waste budgets?

Name: Billy S. Adcock
Title: County Executive
Phone: (615) 597-5175

CHAPTER III

THE DISPOSED COUNTY WASTE STREAM Waste Reduction and Diversion Progress, Characterization, Unmanaged Waste

1. How many tons of solid waste were generated within the county in calendar year 1998 and disposed of in Class I landfills or incinerators (located in or out of the region)? **15,870**

2. Since the close of 1995 (when Annual Progress Reports began to collect data regarding waste reduction) is this county producing more or less waste per capita for disposal?

LESS. Waste reduction is being accelerated from source reduction and recycling from industrial, commercial, and institutional facilities. Educational programs have been implemented to reduce the waste per capita.

3. Estimate the percentage of the figure reported in #1 above that can be characterized in the following way:

Residential	55%
Commercial	13%
Industrial	30%
Institutional (School, hospital, prison)	2%
Other (including special)	0%

The total should equal 100%.

4. Estimate the percentage of the figure reported in #1 above that can be characterized in the following way:

Yard waste	1%
Construction/Demolition waste (Class IV)	0%
Tires	0%
White Goods	0%

5. Recent population reports show the county is experiencing 1.5% growth rate per year. This trend will not place any appreciable pressure on the county's waste system.
6. Discuss the economic condition of the county. Who are major employers? Is the unemployment rate high or low? What economic factors could affect the content and volume of the waste stream and waste reduction efforts in the county?

Unemployment is at a low 6.0% rate. The major employers in the County are all industrial. These industries are a major part of the County's waste stream.

7. Please list the top five contributors to the overall waste stream generated in the county and disposed in Class I Landfills or incinerators.

Major Contributor's to DeKalb County's Waste Stream

Contributor's Name:	Federal Mogul
Address:	1 Grizzly Lane Smithville, TN 37166
Phone:	(615) 597-6700
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	15%
Contributor's Name:	S&W Manufacturing
Address:	1111 West Broad Street Smithville, TN 37166
Phone:	(615) 597-8870
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	5%
Contributor's Name:	Walker Manufacturing
Address:	645 East Broad Street Smithville, TN 37166
Phone:	(615) 597-1616
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	5%
Contributor's Name:	Star Manufacturing
Address:	265 Hobson Street Smithville, TN 37166
Phone:	(615) 597-1561
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	3%

Contributor's Name:	Kingston Timers
Address:	P.O. Box 687 Smithville, TN 37166
Phone:	(615) 597-4096
Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):	Mixed Industrial
Estimate the annual percentage of the total county waste stream contributed by this source:	2%

8. The County runs the litter grant program through the sheriffs department using prisoners to clean up the roadsides and any illegal dumps.
9. The economic growth adjustment formula analysis of 1999 for reporting solid waste disposal figures and progress toward the 25% waste reduction and diversion goals does show that progress is being made to further meet or exceed the 25% goal.

The following computations show that this method is favorable over the real time method. The MSW % reduction calculations using the **Population Economic Ratio formula shows a 34%** reduction compared to a 31% reduction by using the Population Ratio formula.

The county continues to achieve the 25% reduction goal as it has in the past, and plans to reduce waste in the future to achieve this goal.

10. The base year/goal year will require the county to reduce tonnage disposed in its Class I landfill to meet the 25% annual goal. If the population remains constant, this will amount to an annual tonnage reduction of 339 tons per year, or a total of 3,390 tons by the year 2011.
11. The programs now in place and the efforts and educational programs leading to waste reduction will help to meet or exceed the 25% reduction and diversion goal as planned. A Class III-IV Landfill is a proposed and planned solution by the county to meet the targeted amount of waste to be reduced; which is in future plans to select a site.

Recycling collection sites are accessible for its citizens and educational programs through the schools. Other organizations are in operation to encourage recycling to reduce waste in the landfill and to achieve the 25% goal.

Current **reduction and diversion programs** in operation at present do not generate revenues. The revenues are generated mainly from taxes, government grants, and **tipping fees at the Class I Landfill.**

The current year is 1999, and the 1995 base year tonnage has been modified to reflect documented tonnages of materials disposed, recycled, diverted, and reduced at the source.

$$\begin{array}{l}
 \frac{1999 \text{ Pop: } 16,174}{1995 \text{ Pop: } 15,290} = \frac{1999 \text{ Region Employment } 7,800}{1995 \text{ Employment } 7,840} = 0.995 \\
 \frac{1999 \text{ Sales: } \$6,746,900.72}{1995 \text{ Sales: } \$5,036,353.02} = \frac{1998 \text{ Region Real Tax Sales Ratio: } 1.225}{1995 \text{ CPI: } 166.6} = 1.110 \\
 \frac{1999 \text{ Region Real Tax Sales Ratio: } 1.225}{1995 \text{ CPI: } 152.4} = 1.110
 \end{array}$$

Current Year Tons Disposed Adjustment Process

$$0.6 \times 1.11018 + 0.4 \times \left[\frac{1999 \text{ Economic Ratio } 1.110}{1999 \text{ Pop Econ Ratio } 1.100} \right] = 1.058$$

$$\frac{\text{Current Year Tons Disposed}}{\text{Current Year Adjusted Tons}} = \frac{\text{Pop Ratio Or Pop Econ Ratio}}{\text{1999 Region Pop Ratio}} \times 100 = \text{\% Reduction of MSW Disposed in Current Year compared to 1995 Base Year}$$

$$\frac{1999 \text{ Region Tons: } 11,544}{1999 \text{ Region Adj. Tons Pop: } 10,911.15} = 1.058 \Rightarrow \frac{1995 \text{ Base Year Region Tons: } 15,812.00}{1995 \text{ Base Year Region Pop: } 15,812.00} = 1.00$$

$$\frac{1999 \text{ Region Tons: } 11,544}{1999 \text{ Region Pop Econ Ratio: } 1.100} = 10,494.55 \Rightarrow \frac{1995 \text{ Base Year Region Tons: } 15,812.00}{1995 \text{ Base Year Region Pop Econ: } 15,812.00} = 1.00$$

Use the larger of the two results. A Positive Number Indicates Reduction. A Negative Number Indicates an Increase in MSW Disposal.

34%
MSW% Reduction for 1999 Using Pop Econ Ratio

CHAPTER IV

WASTE COLLECTION AND TRANSPORTATION – House to Convenience Centers, and Green Boxes

- List collection services available in the county and cities within and basic information regarding the services.

SERVICE	AVAILABLE TO	PAID FOR BY	DESCRIPTION
Door-to-door	Smithville	City taxes	Throughout the town
Door-to-door	Alexandria	City taxes	Throughout the town
Door-to-door	Liberty	City taxes	Throughout the town
Door-to-door	Dowelltown	City taxes	Throughout the town
Convenience centers	DeKalb County	County taxes	7 – throughout the county
Door-to-door	Commercial Customers	Individual customers	BFI & Waste management

- The first question under Waste Collection and Transportation in the Regional Annual Progress Report asks for a description to assure that minimum collection requirements mandated in the Solid Waste Management Act of 1991 have been complied with in a given county. In a similar manner, briefly describe how the minimum collection requirement at T.C.A. 68-211-851 is being met in this county.

The county exceeds the required minimum of two (2) convenience centers for collection by having seven convenience centers spread throughout the county.

- Based on the information available and your experience working in the county, discuss any unmet collection needs that are apparent in the County.

There are currently no unmet needs.

CHAPTER V

REDUCTION ACTIVITIES –

Recycling Programs, Processing and Composting Facilities

1. Does the county (or city or authority within) have a recycling coordinator?
NO

2. List the recycling programs in the county.

Program Name:	DeKalb County Recycling
Lead Contact:	Billy S. Adcock
Phone Number:	(615) 597-5175
Address:	1 Public Square, Room 204, Smithville, TN 37166
Items Accepted:	White goods, mulch, newspapers

3. Since the program has been in effect, the county has experienced good progress in recycling. Public efforts have made a good impact. A continuing process is in place to deal with recyclables and to educate the public.

4. List any composting facility in the county:

Name of facility:	DeKalb County Composting
Owner of facility:	DeKalb County
Contact:	Billy S. Adcock
Phone:	(615) 597-5175
Address:	1 Public Square, Room 204, Smithville, TN 37166
Population served by the facility:	15,943

Description of facility/process (does the facility accept yard waste, sewer sludge, food waste, wood mulch, other?)

Yard Waste.

5. List any recycling collection sites in the county:

Site Name	County	Items Collected	Description
Highway 56 North, Smithville, TN	DeKalb	Used Oil	Public Drop-Off
Alexandria, TN	DeKalb	Used Oil	Public Drop-off
Snow Hill, Smithville, TN	DeKalb	Used Oil, Chipper	Public Drop-Off

CHAPTER VI

MUNICIPAL SOLID WASTE DISPOSAL – Landfills, Incinerators, Waste to Energy Facilities, Transfer Stations and Waste Exports and Imports

Sources: In addition to the landfill and incinerator operators themselves, The Division of Solid Waste Management's estimated life survey will be a useful source.

1. Please list all the landfill facilities in the county:

Name of Facility:	DeKalb County Landfill
Owner:	DeKalb County
Operator/Contact:	Wilburn Luna (Operator) Billy S. Adcock (Contact)
Phone Number:	(615) 597-5175
Address/Location:	Felts Road, DeKalb County, TN
Classification of Landfill (I-IV):	Class I
Jurisdictions Served:	DeKalb County
Permit Number:	SNL 21-107-0243
Tipping fee per ton:	\$40.00

Of the landfills names in #1 above, which, if any, meet Federal Subtitle D regulations? **DeKalb County Landfill.**

2. Identify any Class I waste exported from or imported to the county. Include origin and destination.

EXPORTS

Exported to: County/State	Exported to: Facility Name and Owner	Estimated Percentage of Total Class I Waste Generated in the County
Rutherford/ TN	BFI	15%

3. The current landfill has a lifespan of two months. The County will open a new site before the current one is closed.

4. The new site will have an expected life of ten years.
5. The only Class I Landfill, DeKalb County, is utilizing an enterprise fund to account for its financial activities as required by law.

CHAPTER VII

COLLECTION AND DISPOSAL OF PROBLEM WASTES

Sources: Local Contacts and State Division of Community Assistance.

1. Has this county taken advantage of the State's household hazardous waste mobile collection service in the last two years? **YES.**
2. Does the County or a jurisdiction within operate a permanent household hazardous waste collection center? **NO.**
3. Briefly discuss the County's level of success with household hazardous waste collection and level of satisfaction with the State program.

This program is working fine for the County.

4. Describe the County's efforts to see that a waste tire collection site is available in the County:

The County collects tires at the landfill.

5. What happens to waste tires in the County once they are collected?

A Tennessee tire recycling facility is being used for disposal.

6. Discuss the County's level of satisfaction with waste tire collection efforts and the State Waste tire program. What changes are foreseen? What changes are needed? Does the county have a problem with waste tire dumping?

The County is very satisfied with the program. The County does not have a significant problem with waste tire dumping.

7. The County has three (3) sites for auto fluid and one site for lead acid battery collection.

CHAPTER VIII

SOLID WASTE EDUCATION PROGRAMS

1. Please list any persons or organizations that are active in efforts to educate the public regarding solid waste matters in the county.

Name:	TNSWEP
Organization/Sponsor:	Billy S. Adcock, County Executive
Phone Number:	(615) 597-5175
Address:	1 Public Square, Room 204 Smithville, TN 37166
Target participants:	4th Grade Students
Description of Activities:	Presentations are conducted, contests, etc.

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

The progress is that businesses are being educated. The State could assist the County by putting together an educational package of ideas. The County has not filed an education action plan.

CHAPTER IX

FLOW CONTROL & PERMIT REVIEW

1. There are no attempts made to control the flow of waste.
2. DeKalb County has no outstanding issues with regard to permit review or flow control.

CHAPTER X

FIVE-YEAR PLAN UPDATE REVIEW

1. A public hearing was held in DeKalb County. A copy of the public notice is included. Publication of the notice; day, date, place; and time of the hearing is noted under the county heading as are notes regarding participation and comments. A copy of the Public Notice is included.

DeKalb County: 1:00 pm, Thursday, July 26, 2001 in the DeKalb County Courthouse.

2. The five year update was shared with the county's local Planning Commission. The following notes reflect this was done.

DEKALB COUNTY

County/Town
DeKalb County

Date Discussed
July 23, 2001

Comments
See Attached Letter



DeKalb County Executive

BILLY ADCOCK

1 Public Square • Courthouse • Room 204
SMITHVILLE, TENNESSEE 37166

JULY 27, 2001

RONNIE REECE
PROFESSIONAL ENGINEERING
7A COOK STREET
SPARTA, TN. 38583

MR. REECE,

DEKALB COUNTY PUBLIC HEARING OF THE SOLID WASTE MANAGEMENT
PLAN FIVE YEAR UPDATE WAS HELD ON THURSDAY JULY 26, 2001 AT
1:00 P.M. IN THE COUNTY EXECUTIVE OFFICE. NO ONE ATTENDED
THIS MEETING EXCEPT BILLY ADCOCK, COUNTY EXECUTIVE AND PEGGY
CURTIS ADMINISTRATIVE ASSISTANCE.

SINCERELY,

A handwritten signature in cursive script that reads "Billy Adcock".

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY

APPENDIX A

PUBLIC NOTICES

NOTICES 270 NOTICES 270 NOTICES 270 NOTICES 270

NOTICE OF INTENT TO ISSUE PERMIT FOR A SOLID WASTE DISPOSAL FACILITY

The Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM), has tentatively decided to issue a solid waste disposal facility permit major modification for construction, operation, closure, and post-closure care of a vertical expansion to the existing DeKalb County Class I Landfill for the disposal of municipal, commercial, and industrial solid waste.

The facility, identified as SNL 21-0243, is located on Felts Road, approximately nine miles east of Smithville and one mile south of Highway 70 on Felts Road, in DeKalb County, Tennessee (latitude 35 degrees 58' 10" N / longitude 85 degrees 41' 10" W). No hazardous wastes, as regulated by the Tennessee Hazardous Waste Management Act (Tennessee Code Annotated, Section 68-212-101, et. seq.) and the Rules adopted pursuant to the Act, shall be accepted for disposal at this facility. The official responsible for operation of the facility is Billy F. Adcock, DeKalb County Executive, Courthouse Rm. 204, #1 Public Square, Smithville, TN 37166, telephone: 615-597-5175.

Following an in-depth review of the application, DSWM has made a preliminary determination that this proposal meets the applicable requirements of Tennessee Rule Chapter 1200-1-7, Solid Waste processing and Disposal. It is the present intent of DSWM, pending consideration of any contrary technical information received during the public comment period ending on September 7, 2001, that this permit be issued.

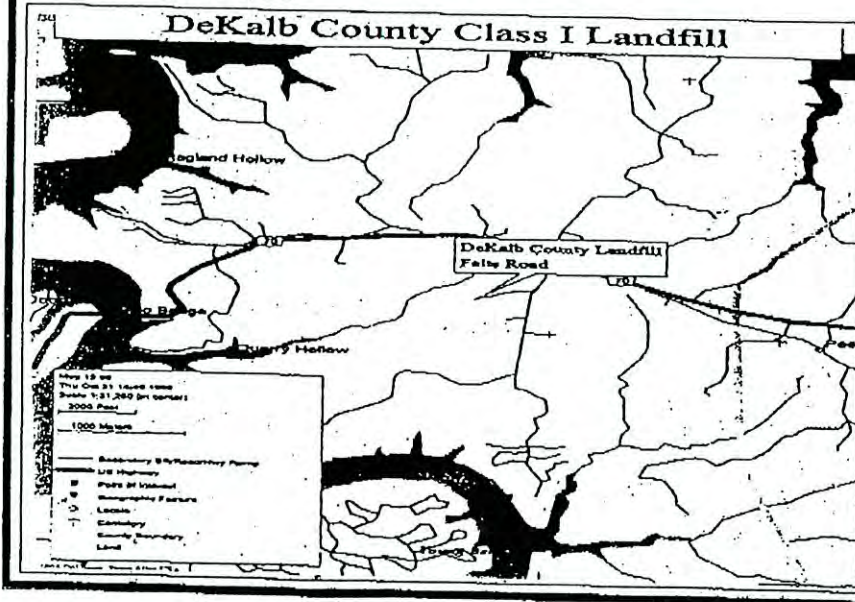
Copies of the application and data for this proposal may be viewed at the Justin Potter Library, 101 South First Street, Smithville, TN 37166-1706; telephone: 615-597-4359. These materials are also available for public inspection in the Public Access Area at the TDEC Environmental Assistance Center, 1221 South Willow Avenue, Cookeville, TN 38501, telephone: 931-432-4015.

The public is also invited to submit comments in writing to: Mr. Mike Apple, Director, Division of Solid Waste Management, 5th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1535; telephone: 615-532-0780. Comments must be received by 4:30 p.m. CDT on Friday September 7, 2001, to assure consideration. After considering all public comments, the DSWM Director will issue a final permit decision and a Response to Comments, which can be viewed as the Justin Potter Library or at the TDEC Environmental Assistance Center in Cookeville.

The Tennessee Department of Environment and Conservation is committed to the principles of equal opportunity, equal access, and affirmative action. For further information, you may contact the Department's ADA Coordinator at 401 Church Street, 7th Floor, L & C Tower, Nashville, TN 37243; telephone 1-888-867-2757. Hearing impaired callers may use the Tennessee Relay Service, telephone: 1-800-848-0298.

Persons who wish to be on the Division of Solid Waste Management's mailing list should obtain a Mailing List Request form by calling or writing the Public Participation Officer, Division of Solid Waste Management, Tennessee Department of Environment and Conservation, 5th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1535, telephone: (615) 532-0798, email: swm@mail.state.tn.us.

NOTICE ISSUED: JULY 25, 2001



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Laura I
597-1

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NOTICE OF PUBLIC HEARING

WHEREAS, Betty K. Trewy application to the DeKalb Board for a permit to sell for consumption on the property located in the 1st of DeKalb County, Tennessee location at which the permit exercised is on the west 70, approximately 15 miles DeKalb County Courthouse location is situated at 60 feet west of Hwy. 70 and a 3600 square foot building which will operate under The Country Bar & Grill. Notice by given in accordance requirement in Section Tennessee Code Annotated application will be heard by the Board on August 7:00 PM in the courtroom of the DeKalb County in Smithville, Tennessee.

This the 13th day of July, 2001
Michelle Smith
Beer Board Secretary

**DEKALB COUNTY PUBLIC HEARING
OF THE
SOLID WASTE MANAGEMENT PLAN
FIVE-YEAR UPDATE**

July 26, 2001

1:00 pm

**DeKalb County Courthouse
Smithville, Tennessee**

Attendees

1.	Mr. Billy Adcock, County Executive
2.	Ms. Peggy Curtis, Administrative Assistant
3.	
4.	
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APPENDIX B

**COUNTY COMMISSION
APPROVALS**

RESOLUTION

WHEREAS, the Solid Waste Management Act requires that DeKalb County's Solid Waste Plan be updated every five (5) years, and

WHEREAS, DeKalb County has completed it's five (5) year plan update and has hereby submitted said update to the DeKalb County Commission for approval,

BE IT HEREBY RESOLVED that DeKalb County's five (5) year plan update is approved by the DeKalb County Commission meeting in regular session of this 23rd day of July, 2001.

Motion to Approve: Jerry Scott

Second: Kerry D Hale

Approved:

Billy Adcock
Billy S. Adcock
DeKalb County Executive

ATTEST:

John H. Huseatt
DeKalb County Clerk



DEKALB COUNTY, TENNESSEE

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

DAVID FOUTCH

Typed Name of the Chairman of the Solid Waste Planning Board



Signature of the Chairman of the Solid Waste Planning Board

7-23-01

Date



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

May 8, 2001

Mr. James White
Chairman, DeKalb County Municipal SW Planning Region
P. O. Box 60
Dowelltown, TN 37059

RE: Five-year Update to Ten-year Solid Waste Plan
DeKalb County SW Region
Region Member: DeKalb 21
Update Due — July 30, 2001

Dear Mr. White:

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 DeKalb County Region's Ten-year plan was approved on July 30, 1996; therefore, your Five-year Update is due to this office by **July 30, 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 7, 1999. Please contact Mr. Jason Thompson with the Upper Cumberland Development District to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

The Five-year update to your Ten-year Solid Waste Management Plan is an important tool for your Region. If you have any questions, please do not hesitate to contact me at 615-532-0744.

Sincerely,

Becky Gorham
Planning, Reporting and Waste Reduction

C: The Honorable Larry G. Webb, DeKalb County Executive
Mr. Jason Thompson, Upper Cumberland Development District
DeKalb County Solid Waste Director
Ms. Chris Garkovich, SW Management Consultant
Mr. Rob Howard, Environmental Coordinator, Cookeville Environmental Assistance Center