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 ________________
   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 Date__
   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?  __8/23/01__
   Continue to question.

8. What is the deadline for the review (i.e., 90 working days from received stamp)?  __8/2/01__
   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 “5YrUpdtInmerg,” 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 -
- 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. Map does not show CCC or SWP.

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
- Board meeting schedule
- involvement with concerned entities in planning decisions
- process for addressing public
- permit review

Region's rationale for formation

*Responsibilities of various participating jurisdictions - TCA 68-211-815(b) 14*

Municipalities with door to door collection service - table

Describe the Region, generally, geographically, and demographically.

Fee for solid waste services-
- legal authority to institute
- jurisdiction collects it
- how collected
- how much

Funding for solid waste programs and expenses in the Region
- 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 and disposed of in Class I landfills or incinerators located in or out of the Region. (Include breakdown of tonnages and sources of information)

<table>
<thead>
<tr>
<th>Percentages in the following categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
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<tr>
<td>Commercial</td>
</tr>
<tr>
<td>Industrial</td>
</tr>
<tr>
<td>Institutional (school, hospital, prison)</td>
</tr>
<tr>
<td>Other (including special)</td>
</tr>
</tbody>
</table>

The total should equal 100%.

*(Compare this to estimates from original 10-year plan and comment)*

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

- Yard waste
- Construction/Demolition waste (Class IV)
- Tires
- Recyclables
- White goods
- Regular Municipal Solid Waste

The total should equal 100%.

*(Compare this to estimates from original 10-year plan and comment)*

Total Generated waste:

- Source reduction (especially industrial practices);
- Recycling (include composting);
- Diversion (to Class III/IV landfills); and
- Unmanaged waste (burned in backyards, illegal dumps, ditches);
- Disposed

*(Compare this to estimates from original 10-year plan and comment)*

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 - How does/might this affect the waste stream?

Top five contributors to the overall waste stream generated - name, phone, waste types, tons disposed - Likelihood that this trend will continue?

Clean up and litter prevention programs - describe the program, contacts

*Do programs target prevalent waste streams?*

Each county, city, or Part 9 Authority in the Region:

- 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>
<thead>
<tr>
<th>Collection Assurance</th>
<th>✓</th>
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</thead>
<tbody>
<tr>
<td>Is efficient collection assured at a reasonable price for the ten year planning horizon?</td>
<td>✓</td>
</tr>
<tr>
<td>Collection needs in the Region, and trends anticipated over the next ten years. Plans to meet indicated needs</td>
<td>✓</td>
</tr>
</tbody>
</table>

Chapter 5 - Recycling

- Recycling or waste reduction coordinator - name, title, phone, address
- Waste reduction programs
  - 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
  - Success of facility, plans to continue operation

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.
  - 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: tonnage 15%?

Class I waste imported
Evaluate disposal needs
- Is efficient disposal assured at a reasonable price for the ten year planning horizon?
- What changes in the disposal system are being contemplated?
- What changes should be contemplated with consideration to anticipated growth and disposal demands?

Planned capacity assurance - *life expectancy addressed*?

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?
- Plans for disposal of HH-W especially if not using state program
- Waste tire - site(s) available
- What happens to waste tires in the Region once they are collected
- Problem with waste tire dumping?
- *How are problems being addressed and what are future plans to eliminate problem?*
- Lead acid battery, oil and auto fluid collection
  - Plans to expand?

**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
- 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 Pathways to Education book?

**Chapter 9 - Flow Control & Permit Review**

- Attempt to control the flow of waste
  - *If yes, provide details of what is involved by law to make sure they understand*
- 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)

Region: **Dakalo**  
Date: **9/6/01**
January 10, 2002

Mr. Billy S. Adcock, Chairman
DeKalb County Municipal SW Planning Region
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
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.
September 7, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region
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. Reeco, Professional Engineering Services, Inc.
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  
   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
August 1, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region
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.
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
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,

[Signature]

Paul K. Goforth, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive
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.
7A Cook Street
Sparta, Tennessee 38583
(931) 836-3764 / Fax: (931) 836-3955

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:

Professional Engineering Services, Inc.
Designing your future.
PROPORTIONAL FLOW DIAGRAM
For The
DEKALB COUNTY LANDFILL

WASTE GENERATED
YEAR 1998
19,590
TONS
(100%)

SOURCE REDUCTION
2351 TONS
12%

DIVERSION
2940 TONS
15%

RECOVERY
1372 TONS
7%

COMPOSTING
20 TONS
<1%

LANDFILL
12,930
TONS/YEAR
65%

Five-Year Plan
November 2001
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**

<table>
<thead>
<tr>
<th>County/Town</th>
<th>Date Discussed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dekalb County</td>
<td>July 23, 2001</td>
<td>See Attached Letter</td>
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</table>
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

Signature of the County Executive

Date
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,

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

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.</td>
<td>Mr. Billy Adcock, County Executive</td>
</tr>
<tr>
<td>2.</td>
<td>Ms. Peggy Curtis, Administrative Assistant</td>
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<td>3.</td>
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<td>19.</td>
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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 its 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: [Signature]
Second: [Signature]

Approved:

[Signature]
Billy S. Adcock
DeKalb County Executive

ATTEST:

[Signature]
DeKalb County Clerk
APPENDIX C

SOLID WASTE DISPOSAL FUND
STATEMENT OF PROPOSED OPERATIONS
DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations

<table>
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<td>LOCAL TAXES</td>
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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.
Consulting Engineers
Designing your future.
# Table of Contents

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<tr>
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<th>SECTION</th>
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<tbody>
<tr>
<td>1</td>
<td>EXECUTIVE SUMMARY</td>
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<td>WASTE STREAM</td>
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<td>REDUCTION ACTIVITIES</td>
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<td>FLOW CONTROL &amp; PERMIT REVIEW</td>
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<td>UPDATE REVIEW &amp; APPROVAL</td>
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</table>
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

WASTE GENERATED YEAR 1998
19,590 TONS
(100%)

SOURCE REDUCTION
2351 TONS
12%

RECOVERY
1372 TONS
7%

DIVERSION
2940 TONS
15%

<1%

COMPOSTING
20 TONS

LANDFILL
12,930 TONS/YEAR
65%
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,

[Signature]

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY
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 21-2043, is located on Peels Road, approximately nine miles east of Smithville and one mile south of Highway 70 on Peels Road, in DeKalb County, Tennessee. The facility manufactured waste, as regulated by the Tennessee Hazardous Waste Management Act (Tennessee Code Annotated, Section 6-212-102, et. seq.) and the Rules adopted pursuant to the Act, shall be accepted for disposal at this facility. The official responsible for the operation of the facility is Billy F. Adcock, DeKalb County Executive, Courthouse Rd. 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 before 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: Mrs. Apple, Director, Division of Solid Waste Management, 5th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243; telephone: 615-532-0700. Public comments must be received by 4:30 p.m. CDT on Friday, September 7, 2001, to be addressed in the final permit decision and a Response to Comments, which can be viewed at 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, 401 Church St., Nashville, TN 37243; telephone 1-888-867-2757. Hearing impaired callers may use the Tennessee Relay Service, telephone: 1-800-948-0928.

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 37243-1335, telephone: (615) 532-0798, email: swm@mail.state.tn.us.

NOTICE ISSUED: JULY 25, 2001

Michelle Smith
DeKalb County Class I Landfill

Aerial Map of DeKalb County Class I Landfill

DeKalb County Landfill

Rainbow Rd

Peach Rd

DeKalb County Class I Landfill

NOTICE OF PUBLIC HEA

WHEREAS, Betty K. Trew, application to the DeKalb Board for a permit to sell for consumption on the property located in the 1st mile of DeKalb County, Tennessee, location at which the permit is resided in the west 70, approximately 15 mile DeKalb County Courthouse: location is situated at 60 feet west of Hwy 70 and a 3600 square foot building operation will operate under the County Regulations. It is by given in accordance to the requirement in Section Tennessee Code Annotated application will be heard by the Board on August 7:00 PM in the conference room of the DeKalb County In Smithville, Tennessee.

This the 13th day of July, 2001
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

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<td>Mr. Billy Adcock</td>
<td>County Executive</td>
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<td>2.</td>
<td>Ms. Peggy Curtis</td>
<td>Administrative Assistant</td>
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<td>17.</td>
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<td>18.</td>
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<td>19.</td>
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<td>20.</td>
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</tr>
</tbody>
</table>
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 its 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:

[Signature]
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
January 10, 2002

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region
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,

[Signature]

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.
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,

[Signature]

Paul K. Goforth, P.E.

Enclosure

CC: Mr. Billy Adcock, DeKalb County Executive
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.
Designing your future.

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

204 West Locust Street
Lafayette, Tennessee 37083
(615) 666-2365 / 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:
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204 West Locust Street
Lafayette, Tennessee 37083
(615) 666-2385 / Fax: (615) 666-2519
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

SOURCE REDUCTION
2351 TONS
12%

WASTE GENERATED
YEAR 1998
19,590 TONS
(100%)

DIVERSION
2940 TONS
15%

RECOVERY
1372 TONS
7%

COMPOSTING
20 TONS<br><1%

LANDFILL
12,930 TONS/YEAR
65%
CHAPTER II

GENERAL INFORMATION

1. County Name: **DeKalb County**
   Municipalities: Smithville, Dowelltown, Liberty, and Alexandria

   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**

<table>
<thead>
<tr>
<th>Member Name</th>
<th>County/Municipality Representing</th>
<th>Term of Office</th>
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<td>Start</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Billy Adcock</td>
<td>DeKalb County, TN</td>
<td>9-1-01</td>
</tr>
<tr>
<td>Cecil Burger</td>
<td>Smithville, TN</td>
<td>9-1-93</td>
</tr>
<tr>
<td>Kenneth Clayborn</td>
<td>DeKalb County, TN</td>
<td>10-1-99</td>
</tr>
<tr>
<td>Tim Adcock</td>
<td>DeKalb County, TN</td>
<td>10-1-99</td>
</tr>
<tr>
<td>Jimmy Poss</td>
<td>DeKalb County, TN</td>
<td>10-1-99</td>
</tr>
<tr>
<td>Edd Hale</td>
<td>Liberty, TN</td>
<td>10-1-99</td>
</tr>
<tr>
<td>Ricky Baker</td>
<td>Alexandria, TN</td>
<td>10-1-99</td>
</tr>
<tr>
<td>David Foutch</td>
<td>Liberty, TN</td>
<td>10-1-99</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>City/Town Name</th>
<th>Population</th>
</tr>
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<tbody>
<tr>
<td>Smithville</td>
<td>4,110</td>
</tr>
<tr>
<td>Dowelltown</td>
<td>325</td>
</tr>
<tr>
<td>Liberty</td>
<td>412</td>
</tr>
<tr>
<td>Alexandria</td>
<td>744</td>
</tr>
</tbody>
</table>

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      2%
   (School, hospital, prison)
   Other              0%
   (including special)

   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

<table>
<thead>
<tr>
<th>Contributor's Name:</th>
<th>Federal Mogul</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>1 Grizzly Lane&lt;br&gt;Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-6700</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contributor's Name:</th>
<th>S&amp;W Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>1111 West Broad Street&lt;br&gt;Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-8870</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>5%</td>
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</table>

<table>
<thead>
<tr>
<th>Contributor's Name:</th>
<th>Walker Manufacturing</th>
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</thead>
<tbody>
<tr>
<td>Address:</td>
<td>645 East Broad Street&lt;br&gt;Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-1616</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>5%</td>
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<tr>
<th>Contributor's Name:</th>
<th>Star Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>265 Hobson Street&lt;br&gt;Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-1561</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>3%</td>
</tr>
<tr>
<td>Contributor's Name:</td>
<td>Kingston Timers</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Address:</td>
<td>P.O. Box 687</td>
</tr>
<tr>
<td></td>
<td>Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-4096</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>2%</td>
</tr>
</tbody>
</table>

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.

1999 Pop: 16,174  =  1999 Pop Ratio
15,290

1995 Employment: 7,840

1999 Sales: $6,746,900.72
1995 Sales: $5,036,353.02

1999 CPI: 166.6
1995 CPI: 152.4

1998 Region Real Tax Sales Ratio: 1.225

1999 Region Employment: 0.995
1999 Region Real Tax Sales: 1.225
1999 Economic Growth Ratio: 1.110

Current Year Tons Disposed

Adjustment Process

Current Year Tons Disposed + Pop Ratio Or Pop Econ Ratio = Current Year Adjusted Tons

Base Year Tons - Current Year Adj. Tons

Base Year Tons X 100 = % Reduction of MSW Disposed in Current Year compared to 1995 Base Year

1999 Tons: 11,544  +  1999 Tons Pop Ratio: 1.058

1995 Region Adj. Tons: 10,911.15

1995 Base Year Region: 15,812.00

1995 Base Year Region: 10,911.15

MSW % Reduction for 1999 Using Pop Ratio

1999 Region Tons: 11,544
1999 Region Adj Tons Pop Econ: 11,544
1999 Region Adj Tons Pop Econ: 10,494.55

1995 Base Year Region: 15,812.00

MSW % Reduction for 1999 Using Pop Econ Ratio

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

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>AVAILABLE TO</th>
<th>PAID FOR BY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door-to-door</td>
<td>Smithville</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Alexandria</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Liberty</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Dowelltown</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Convenience centers</td>
<td>DeKalb County</td>
<td>County taxes</td>
<td>7 – throughout the county</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Commercial Customers</td>
<td>Individual customers</td>
<td>BFI &amp; Waste management</td>
</tr>
</tbody>
</table>

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.

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

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:

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

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:

<table>
<thead>
<tr>
<th>Site Name</th>
<th>County</th>
<th>Items Collected</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway 56 North, Smithville, TN</td>
<td>DeKalb</td>
<td>Used Oil, Plastics, Newspapers, Aluminum Cans</td>
<td>Public Drop-Off</td>
</tr>
<tr>
<td>Alexandria, TN</td>
<td>DeKalb</td>
<td>Used Oil</td>
<td>Public Drop-off</td>
</tr>
<tr>
<td>Snow Hill, Smithville, TN</td>
<td>DeKalb</td>
<td>Used Oil, Chipper</td>
<td>Public Drop-Off</td>
</tr>
</tbody>
</table>
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:

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

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

<table>
<thead>
<tr>
<th>Exported to: County/State</th>
<th>Exported to: Facility Name and Owner</th>
<th>Estimated Percentage of Total Class I Waste Generated in the County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rutherford/ TN</td>
<td>BFI</td>
<td>15% (1940 tons)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
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<td>40000</td>
<td>Estimated Revenues</td>
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<tr>
<td>40100</td>
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<td>40110</td>
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<tr>
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<td>Circuit/Clerk &amp; Master Collections-Prior Years</td>
<td>$5,535</td>
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<tr>
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<tr>
<td>43100</td>
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<tr>
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<td>$15,000</td>
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<td>$16,537</td>
</tr>
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<td>$6,026</td>
<td>$15,000</td>
<td>$15,000</td>
<td>$15,000</td>
<td>$15,750</td>
<td>$16,537</td>
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<td>Total Estimated Revenues</td>
<td>$762,084</td>
<td>$613,368</td>
<td>$528,792</td>
<td>$544,947</td>
<td>$572,459</td>
<td>$591,891</td>
</tr>
</tbody>
</table>
# DeKalb County, Tennessee Solid Waste Disposal Fund

## Statement of Proposed Operations

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>49500</td>
<td>Estimated Other Sources</td>
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<td>Other Loan Proceeds</td>
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<tr>
<td>49800</td>
<td>Operating Transfers</td>
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<td>TOTAL ESTIMATED REVENUES &amp; OTHER SOURCES</td>
<td>$ 832,084</td>
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<td>$ 572,459</td>
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<td>Estimated Expenditures</td>
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<td>PUBLIC HEALTH AND WELFARE</td>
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<tr>
<td>149</td>
<td>Waste Pickup</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Laborers</td>
<td>$ 32,379</td>
<td>$ 38,900</td>
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<td>$ 48,160</td>
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<tr>
<td></td>
<td>Total Waste Pickup</td>
<td>$ 32,379</td>
<td>$ 43,000</td>
<td>$ 47,100</td>
<td>$ 52,260</td>
<td>$ 58,239</td>
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<td>Convenience Centers</td>
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<td>Other Construction</td>
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<td>$ 1,000</td>
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<tr>
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<td>$ 93,184</td>
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<td>Laundry Service</td>
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<tr>
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<tr>
<td>412</td>
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</table>
DeKalb County, Tennessee Solid Waste Disposal Fund
Statement of Proposed Operations

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>452</td>
<td>Landfill Operation and Maintenance (cont.)</td>
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<td></td>
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<td>$10,000</td>
<td>$1,000</td>
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<td>Total Estimated Expenditures</td>
<td>$764,552</td>
<td>$1,814,600</td>
<td>$674,600</td>
<td>$725,240</td>
<td>$779,704</td>
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<tr>
<td></td>
<td>Excess of Estimated Revenues and Other Sources</td>
<td></td>
<td></td>
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<tr>
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<td>Over (Under) Estimated Expenditures</td>
<td>$67,532</td>
<td>$(1,232)</td>
<td>$(145,808)</td>
<td>$(180,293)</td>
<td>$(207,245)</td>
<td>$(246,152)</td>
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<td>Estimated Beginning Fund Balance - July 1</td>
<td>$211,926</td>
<td>$279,458</td>
<td>$278,226</td>
<td>$306,050</td>
<td>$336,655</td>
<td>$370,320</td>
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<td>$278,226</td>
<td>$132,418</td>
<td>$125,757</td>
<td>$129,410</td>
<td>$124,168</td>
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</table>
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.

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

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

<table>
<thead>
<tr>
<th>County/Town</th>
<th>Date Discussed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dekalb County</td>
<td>July 23, 2001</td>
<td>See Attached Letter</td>
</tr>
</tbody>
</table>
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

Signature of the County Executive

Date
APPENDIX A

PUBLIC NOTICES
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,

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

<table>
<thead>
<tr>
<th></th>
<th>Name and Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mr. Billy Adcock, County Executive</td>
</tr>
<tr>
<td>2</td>
<td>Ms. Peggy Curtis, Administrative Assistant</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
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<tr>
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<td></td>
</tr>
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</table>
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 its 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: [Signature]
Second: [Signature]

Approved:

[Signature]
Billy Adcock
DeKalb County Executive

ATTEST:

[Signature]
DeKalb County Clerk
APPENDIX C

SOLID WASTE DISPOSAL FUND STATEMENT OF PROPOSED OPERATIONS
September 7, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region
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

c: 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.
August 1, 2001

Mr. Billy S. Adcock, Chairman
Dekalb County Municipal SW Planning Region
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.
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
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.

7A Cock 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
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EXECUTIVE SUMMARY</td>
</tr>
<tr>
<td>2</td>
<td>GENERAL INFORMATION</td>
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<tr>
<td>3</td>
<td>WASTE STREAM</td>
</tr>
<tr>
<td>4</td>
<td>WASTE COLLECTION &amp; TRANSPORTATION</td>
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<tr>
<td>5</td>
<td>REDUCTION ACTIVITIES</td>
</tr>
<tr>
<td>6</td>
<td>MUNICIPAL SOLID WASTE DISPOSAL</td>
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<tr>
<td>7</td>
<td>PROBLEM WASTES</td>
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<tr>
<td>8</td>
<td>SOLID WASTE EDUCATION</td>
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<tr>
<td>9</td>
<td>FLOW CONTROL &amp; PERMIT REVIEW</td>
</tr>
<tr>
<td>10</td>
<td>UPDATE REVIEW &amp; APPROVAL</td>
</tr>
</tbody>
</table>
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 will be transported according to the State’s regulations. There are little regulations that will continue.

EDUCATION

The progress is that businesses are being educated on the importance of reducing waste by putting together an educational package of ideas. This package has been designed to be an action plan. This Educational Program is to educate the public about the necessity to reduce volume of Waste Generated. The Environmental Benefits of a good Solid Waste Generation 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

SOURCE REDUCTION
2351 TONS

DIVERSION
2940 TONS

WASTE GENERATED YEAR 1998
19,590 TONS

(100%)

7%

<1%

RECOVERY
1372 TONS

COMPOSTING
20 TONS

LANDFILL
12,930 TONS/YEAR

65%
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:

<table>
<thead>
<tr>
<th>City/Town Name</th>
<th>Population</th>
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<tbody>
<tr>
<td>Smithville</td>
<td>4,110</td>
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<tr>
<td>Dowellstown</td>
<td>325</td>
</tr>
<tr>
<td>Liberty</td>
<td>412</td>
</tr>
<tr>
<td>Alexandria</td>
<td>744</td>
</tr>
</tbody>
</table>
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.

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

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 2%
   (School, hospital, prison) 0%
   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**

<table>
<thead>
<tr>
<th>Contributor’s Name</th>
<th>Federal Mogul</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>1 Grizzly Lane</td>
</tr>
<tr>
<td></td>
<td>Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-6700</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>15%</td>
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<table>
<thead>
<tr>
<th>Contributor’s Name</th>
<th>S&amp;W Manufacturing</th>
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</thead>
<tbody>
<tr>
<td>Address:</td>
<td>1111 West Broad Street</td>
</tr>
<tr>
<td></td>
<td>Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-8870</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contributor’s Name</th>
<th>Walker Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>645 East Broad Street</td>
</tr>
<tr>
<td></td>
<td>Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-1616</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contributor’s Name</th>
<th>Star Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>265 Hobson Street</td>
</tr>
<tr>
<td></td>
<td>Smithville, TN 37166</td>
</tr>
<tr>
<td>Phone:</td>
<td>(615) 597-1561</td>
</tr>
<tr>
<td>Waste type (list if one material is primary like aluminum, or write mixed residential, mixed commercial, or mixed industrial, if appropriate):</td>
<td>Mixed Industrial</td>
</tr>
<tr>
<td>Estimate the annual percentage of the total county waste stream contributed by this source:</td>
<td>3%</td>
</tr>
</tbody>
</table>
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.

Current Year Tons Disposed Adjustment Process

\[
\begin{align*}
\text{Current Year Tons Disposed} & \div \text{Pop Ratio or Pop Econ Ratio} = \text{Current Year Adjusted Tons} \\
1999 \text{ Region Tons:} & \quad 11,544 \div 1.058 = 10,911.15 \\
1995 \text{ Base Year Region Tons:} & \quad 15,812.00 \\
\text{1999 Region Adj. Tons Pop:} & \quad 15,812.00 - 10,911.15 \\
\text{1995 Base Year Region} & \quad 15,812.00 \\
\text{1999 Region Adj. Tons Econ:} & \quad 15,812.00 - 10,494.55 \\
\text{1995 Base Year Region} & \quad 15,812.00
\end{align*}
\]

Base Year Tons - Current Year Adj. Tons

\[
\text{Base Year Tons} \div 100 = \% \text{ Reduction of MSW Disposed in Current Year compared to 1995 Base Year}
\]

\[
\begin{align*}
1999 \text{ Region Tons:} & \quad 11,544 \div 1.058 = 10,911.15 \\
1995 \text{ Base Year Region Tons:} & \quad 15,812.00 \\
\text{1999 Region Adj. Tons Pop:} & \quad 15,812.00 - 10,911.15 \\
\text{1995 Base Year Region} & \quad 15,812.00 \\
\text{1999 Region Adj. Tons Econ:} & \quad 15,812.00 - 10,494.55 \\
\text{1995 Base Year Region} & \quad 15,812.00
\end{align*}
\]

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

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>AVAILABLE TO</th>
<th>PAID FOR BY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door-to-door</td>
<td>Smithville</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Alexandria</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Liberty</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Dowelltown</td>
<td>City taxes</td>
<td>Throughout the town</td>
</tr>
<tr>
<td>Convenience centers</td>
<td>DeKalb County</td>
<td>County taxes</td>
<td>7 – throughout the county</td>
</tr>
<tr>
<td>Door-to-door</td>
<td>Commercial Customers</td>
<td>Individual</td>
<td>BFI &amp; Waste management</td>
</tr>
<tr>
<td></td>
<td></td>
<td>customers</td>
<td></td>
</tr>
</tbody>
</table>

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.

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

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:

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

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:

<table>
<thead>
<tr>
<th>Site Name</th>
<th>County</th>
<th>Items Collected</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway 56 North, Smithville, TN</td>
<td>DeKalb</td>
<td>Used Oil</td>
<td>Public Drop-Off</td>
</tr>
<tr>
<td>Alexandria, TN</td>
<td>DeKalb</td>
<td>Used Oil</td>
<td>Public Drop-off</td>
</tr>
<tr>
<td>Snow Hill, Smithville, TN</td>
<td>DeKalb</td>
<td>Used Oil, Chipper</td>
<td>Public Drop-Off</td>
</tr>
</tbody>
</table>
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:

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

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**

<table>
<thead>
<tr>
<th>Exported to: County/State</th>
<th>Exported to: Facility Name and Owner</th>
<th>Estimated Percentage of Total Class I Waste Generated in the County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rutherford/ TN</td>
<td>BFI</td>
<td>15%</td>
</tr>
</tbody>
</table>

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.

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

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

<table>
<thead>
<tr>
<th>County/Town</th>
<th>Date Discussed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dekalb County</td>
<td>July 23, 2001</td>
<td>See Attached Letter</td>
</tr>
</tbody>
</table>
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,

[Signature]

BILLY ADCOCK
COUNTY EXECUTIVE
DEKALB COUNTY
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 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 21-0043, is located on Pelts Road, approximately nine miles east of Smithville and one mile south of Highway 70 on Pelts Road, in DeKalb County, Tennessee, latitude 35 degrees 58' 10" N longitude 83 degrees 41' 10" W. No hazardous waste, as regulated by the Tennessee Hazardous Waste Management Act (Tennessee Code Annotated, Section 63-19-101, 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 Annex, #1 Public Square, Smithville, TN 37166, telephone: 615-597-3175.

Following an in-depth review of the application, DSWM has made a preliminary determination that this proposal meets the applicable requirements of Tennessee Code Annotated, Section 63-19-101, et. seq., 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: 931-492-4015.

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: 615-332-0790. 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 at 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, contact the Department's ADA Coordinator at 401 Church Street, 7th Floor, L & C Tower, Nashville, TN 37243; telephone: 1-888-857-2757. 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 Office, 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) 552-0798, email: swm@mail.state.tn.us.

NOTICE ISSUED: JULY 25, 2001

DeKalb County Class I Landfill

NOTICE OF PUBLIC HEARING

WHEREAS, Betty K. Trow, application to the DeKalb County Board for a permit to sell for consumption on the premises located in the 1st of DeKalb County, Tennessee, a location at which the premises is on the west 70, approximately 15 miles of DeKalb County Courthouse, the following structure, which is situated at 60 feet west of Highway 70 and is a 3600 square foot building that will operate under the name The Country Bar & Grill. Notice of this application will be heard by the Board on August 7:00 PM in the courtroom of the DeKalb County Court at Smithville, Tennessee.

This the 10th 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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mr. Billy Adcock, County Executive</td>
</tr>
<tr>
<td>2.</td>
<td>Ms. Peggy Curtis, Administrative Assistant</td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
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<td>19.</td>
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<tr>
<td>20.</td>
<td></td>
</tr>
</tbody>
</table>
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 its 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:

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
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