

July 11, 1994

PREPARED BY:



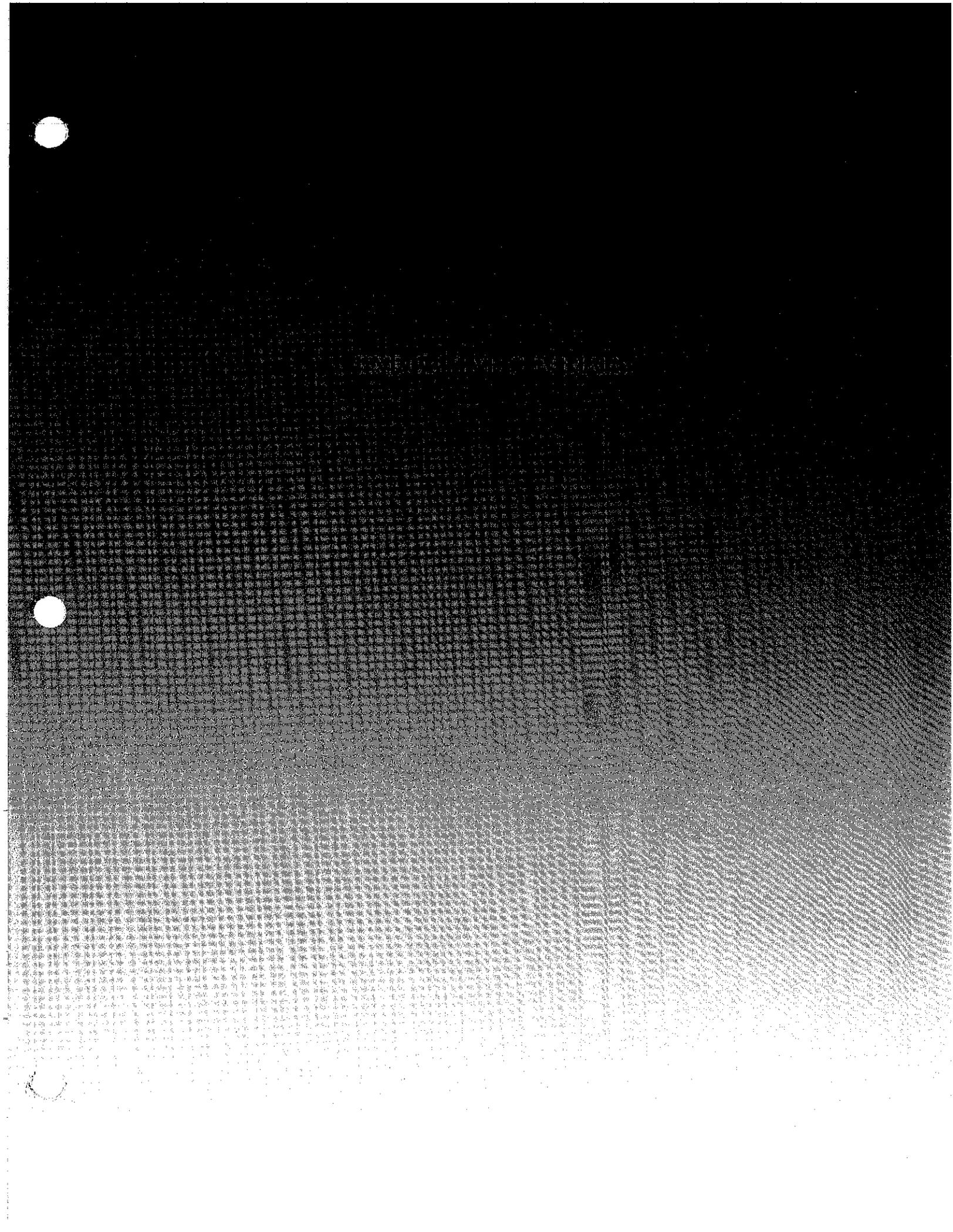
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CHAPTER IV	Waste Characterization and Classification
CHAPTER V	Waste Quantity
CHAPTER VI	Waste Collection and Transportation
CHAPTER VII	Recycling
CHAPTER VIII	Composting, Solid Waste Processing, Incineration and Incineration Capacity
CHAPTER IX	Disposal Capacity
CHAPTER X	Public Information and Education
CHAPTER XI	Problem Wastes
CHAPTER XII	Implementation: Schedule, Staffing and Funding
	Allocation of Implementation Responsibilities
	Plan Adoption and Submission
CHAPTER XIII	Flow Control and Permit Application Review

PART III. APPENDICES

APPENDIX A.	Legal Documentation and Organization of the Region
APPENDIX B.	Pertinent Solid Waste Information
APPENDIX C.	Public Participation Activities
APPENDIX D.	Exports and Imports
APPENDIX E.	Review by Appropriate Municipal or Regional Planning Commission





EXECUTIVE SUMMARY

In 1989 the Tennessee General Assembly passed the Tennessee Solid Waste Planning and Recovery Act which empowered the Tennessee State Planning office to create a solid waste management plan for the state. Section 3(a) of the Act states specifically, “ *The plan shall have as it's priority the reduction of the volume of wastes going to incineration and landfills by means of local and regional recycling programs, mulching and composting of yard wastes and other suitable materials, and any other means of insuring that incinerators and landfills operate in an environmentally and economically sound manner.*” “ *The goal of the state is to reduce by twenty-five percent (25%) the amount of solid waste disposed of at municipal solid waste disposal facilities and incinerators , measured on a per capita basis within Tennessee by weight, by December 31, 1995.*” {TCA Section 68-31-861(a)}

In order to facilitate the formulation of policy recommendations, extensive data gathering was instituted and presented in the form of the **District Needs Assessment** information notebooks. The purpose of the **District Needs Assessment** was as listed below:

1. To carry out an inventory and analysis of the existing solid wastes management system
2. To define the needs for additional services and facilities for the next ten years
3. To recommend rational waste disposal/recycling areas, which may provide the hub for a municipal solid waste planning region.

This publication recommended the formation of nine Development Districts throughout the state. Each Development District is comprised of contiguous counties ranging from four (4) counties in size in the Memphis Delta Development District to sixteen (16) counties in size in the East Tennessee Development District. The **Crockett Dyer Gibson County Solid Waste Management** region lies within the **Northwest Tennessee Development District** which is comprised of nine counties: Benton, Carroll, Crockett, Dyer, Gibson, Henry, Lake, Obion and Weakley. In addition, the State Planning Office funded the Waste Management Research and Education Institute at the University of Tennessee, Knoxville to prepare a study of the solid waste needs of the state. The culmination of this study was a report entitled “Managing Our Waste: Solid Waste Planning for Tennessee” which was published in February, 1991. Due to these two studies the Solid Waste Management Act of 1991 requires the formation of municipal solid waste planning regions based on the recommendations of the District Needs assessment.

The purpose of this regional plan is to outline how the **Crockett Dyer Gibson County Regional Solid Waste Management Board** can meet the three listed objectives of the District Needs Assessment as stated above while meeting the 25% reduction requirement of the 1991 Act.

I. REGION DEFINITION AND RATIONALE FOR FORMATION

The Crockett Dyer Gibson County Regional Solid Waste Management Board (CDG) was formed for numerous reasons as stated below. The fact that these counties were able to function as a regional board during the preparation of this report and to deal with issues that were sensitive to all the local governments inside the region demonstrates that the formation of this board was a correct choice and one that should serve the citizens of this region well throughout the coming years.

The region is comprised of the three counties of Crockett, Dyer, and Gibson counties. All of these counties lie within the Northwest Tennessee Development District in the northwest corner of the state. See the maps locating these counties at the end of this section. As can be seen from the maps these three counties are contiguous and lie along the southern border of the Northwest Tennessee Development District.

The main reasons for the formation of a regional board comprised of these three counties are as follows:

1. Share common borders.
2. Share the same socio-economic features of the region.
3. Realization of the economic benefits of having a multi-county region.
4. Realization of the inadequacies and strengths of each individual county as it relates to the overall needs of a region in order to meet the 25% reduction criteria.
5. Some coordination between the counties already exists and therefore was a logical extension of this coordination.

II. SUMMARY OF REGIONAL NEEDS, GOALS AND OBJECTIVES

Through the course of developing the regional plan it was necessary to review the **District Needs Assessment** report which was generated by the state planning office in anticipation of this report and to review the report published in 1991 by the University of Tennessee Waste Management Research and Education Institute entitled "Managing Our Waste: Solid Waste Planning for Tennessee".

Some of the UT report's graphs and charts are incorporated into the Appendix for reference. From both the District Needs Assessment report and the UT report it was observed that the Northwest Tennessee Development District appears to have an abundance of landfill capacity as will be further explained in section IV below. The capacity for waste disposal far out weighs the generation projections for the region, and, therefore, the immediate needs of the region proved to be

not so much the matching of the generation with the capacity, but more the protection and administration of the current system structure and how to benefit economically from all the elements which comprise this region. More specifically:

1. Collection must be extended to 90% of all residents in the tri-county region. In conjunction with this item there needs to be a economical way to send out billings for the service to every resident in the county.
2. Reduction of the current waste stream would involve the recycling plant at Humboldt, TN, in Gibson County. The plant was temporarily closed in March 1994 for restructuring of the debt.
3. The plan must incorporate the municipalities which have a waste collection system already in place, while protecting and maximizing the different solid waste components of the region

III. EXISTING REGIONAL SYSTEM STRUCTURE

(See maps at end of this section)

A. Gibson County

Gibson County has three major cities: Trenton, Milan and Humboldt along with the smaller cities of Yorkville, Kenton, Rutherford, Medina, Dyer, Gibson and Bradford. All rural areas in the northern part of the county are served by Barker Brothers, Inc., of Obion County. The southern parts of the county are serviced by Pete Bullington of Gibson County and Waste Management of Jackson, Tennessee.

Trenton

Contact Person: Cathy Stewart

Solid Waste System: Barker Brothers, Inc., is the private hauler handling the solid waste for 1,930 residences and 400 commercial customers. Trenton has a new incinerator run by Clyde Birmingham, (who is a member of the Regional Solid Waste Board). Barker Brothers, Inc. fee per month is \$7.50 per resident for one pick up per week. Out of The City's annual budget of \$223,230, \$135,00 is for salaries and vehicles. Locally they employ several men to pick up compost and cardboard. This amounts to about 8 tons per day for a 5 day period. At the present time (summer of 1994) the City is planning to purchase a new loader for the incinerator for \$15,000. Of the 8 tons collected daily over a 5 day period, 5 tons is compost and 3 tons is cardboard.

EXECUTIVE SUMMARY

PAGE 4

City of Yorkville

Contact Person: Mayor Robert Galloway

Solid Waste System: All waste is handled privately. Barker Brothers, Inc. of Obion County collects for some of the residences while Waste Management has some dumpsters at several gas stations throughout the City. Expenditures and volume of solid waste figures are combined with the regional totals given by Barker Brothers, Inc. and Waste Management as shown at the end of this report.

City of Kenton (The City straddles Obion and Gibson Counties and have opted not to be included in the Gibson County Regional Plan).

Contact Person: Virginia Davidson , City Recorder

Solid Waste System: Barker Brothers, Inc. collects the waste for 556 residences at the price of \$4.41 per month per customer. Barker Brothers, Inc. deals directly with commercial customers and bills do not come through city office.

City of Rutherford

Contact Person: Ms. Abbott, City Recorder

Solid Waste System: Barker Brothers, Inc. collects the solid waste in Rutherford and the cost is \$4.46 per month per customer for 528 residences. They have a fee of \$6.75 per occurrence to hand pick up trees and limbs. They have one truck and two men. The cost is approximately \$32,700 per year which does not include what they pay for the truck and two men. The total budget for solid waste is \$32,700 which does include a \$.85 tax they pay to the state. Yard waste is disposed of on a farm outside of town. They have approximately 11-15 dumpsters and one convenience center.

City of Bradford

Contact Person: Mr. Woods, City Recorder

Solid Waste System: City collects approximately 10 tons of solid waste per week which is taken to the City of Humboldt*. Budget is \$32,962 and their disposal cost is \$14,562.

***Note :** Since the time of the initial interview the center at Humboldt has closed and the waste is being taken to Milan landfill or elsewhere.

City of Dyer

Contact Person: Kenneth McKewen, City Recorder

Solid Waste System: Barker Brothers, Inc. collects the waste for 975 residences and 38 businesses for a fee of \$50,015.88.

City of Gibson

Contact Person: Pete Bullington, Private hauler for City of Gibson.

Solid Waste System: Pete Bullington, private hauler, collects for approximately 100 customers for a fee of \$10.00 per customer; all residential. He has two trucks.

City of Humboldt

Contact Person: Mr. John Leonard

Solid Waste System: Currently the City of Humboldt (Summer of 1993) has its own collection system which transports the waste to the recycling plant located in the city. There is a 260 acre landfill that is operated by Jones Manufacturing in Humboldt that has applied for a permitted landfill. Currently (Spring 1994) the recycling center in Humboldt has closed due o restructuring of the debt service. The city has plans to lease the facility to a company operating in the region which has experience in managing and operating a recycling/transfer center such as this one. Currently the city is in the process of sending out Request for Proposals. The landfill adjacent to the recycling center has been recently closed by EPA officials until some violations are corrected. However, once these issues concerning the recycling center and the landfill have been resolved this facility will prove to be an invaluable part of the region's 10 year plan. Meanwhile, waste is being diverted to Dyer County (Jere Kirk's landfill.)

City of Milan

Contact Person: Mayor Don Farmer and Billy Don West, Public Works Director

Solid Waste System: 1993 Solid Waste budget of \$427,160. In 1994 they have a budget of \$483,890. An incinerator was installed in the City of Milan in July, 1993 at a cost of \$100,000.

City of Medina

Contact Person: Mayor Michael Prestininzi

Solid Waste System: Medina has 12 commercial dumpsters and 320 residences. Waste Management collects and transports this for \$3,000 per month, with an annual budget between \$35,000 and \$40,000. There are 3 incinerators in Gibson County. At the present time Milan has one (as mentioned above installed for \$100,000) and designed capacity is 250 tons per week, 13,000 tons per year and an operating life expectancy of 10 years. Humboldt has an incinerator at the Humboldt Recycling Center* which has a design capacity of 4 tons per hour between 1400 and 1500 tons per year. The incinerator in Trenton, as operated by Clyde Birmingham, is burning about 8 tons per day with 5 tons of compost and 3 tons for cardboard.

*Closed

EXISTING SOLID WASTE LANDFILLS

A. Gibson County

City of Humboldt

At the present time the City of Humboldt has a landfill that has been closed by EPA.

City of Milan

This landfill is located at 128 Gold Medal Road. The permitted capacity of this landfill is 50 acres. At the present time they are taking in approximately 30-50 tons per day with between 2 and 4 acres left. Milan plans to become a Class III or IV landfill in 1996.

B. Crockett County

There are no landfills, (except for the Jones Mfg. Landfill) and there are no incinerators. Jim Jerman, County Executive for Crockett County indicated that some of the recycling that they do in Crockett County is done at the grade schools.

Crockett County has three (3) convenience centers and there is a proposal on the drawing board for a fourth. Each convenience center has one box for residential waste and one box for miscellaneous waste. Each box holds approximately four to seven tons of waste rather than 10 tons. All green boxes are privately contracted with Waste Management. There are no government sponsored green boxes. The cost for Waste Management to collect from these convenience centers is \$243.00 per

EXECUTIVE SUMMARY
PAGE 7

haul. The price breakdown is \$105 for the haul, \$8.50 for a tip fee, and \$130 for a disposal fee. Jim Jerman, Crockett County Executive, says that they are picked up approximately 74 times per year and 1993 years budget cost \$75,800. Next year's budget (1994) is going to be \$105,520.

City of Bells

Contact Person: Mayor Harold Craig

Solid Waste System: Waste Management charges \$5463.52 to handle the solid waste. Of that amount, they have 630 residences at \$4.52 per month; 25 residential services at \$4.52 per month; outside the city limits; 23 commercial hand collections at \$5.75 per month; for 2 containers, 2 at \$6.95 per month; for three containers. They also have a container service charge \$1719.00 which is included in the \$5463.52 per year.

City of Maury City

Contact Person: June Jones

Solid Waste System: Waste Management collects the waste for \$16,000 for 304 customers. The cost is \$4.30 per residence per month. Commercial waste billings go directly to Waste Management.

City of Alamo

Contact Person: Marjorie Nevitt

Solid Waste System: Waste Management collects the solid waste. They have 87 dumpsters for 973 residences. The breakdown is as follows: of the dumpsters collected once a week, forty 2-yard dumpsters at \$42.00 per month; for services collected twice a week, one 2-yard dumpster at \$61.00; three 3-yard dumpsters at \$48.00 per month; ten 6-yard dumpsters for \$75.00 per month; fourteen 4-yard dumpsters at \$58.00 per month; four 8-yard dumpsters at \$94.00 a month; two 6-yard dumpsters at \$122.00 per month; nine 4-yard dumpsters at \$96.00 per month; six 8-yard dumpsters at \$156.00 per month. Alamo pays Waste Management, Inc. \$10,000 per year for a 40 yard dumpster that is picked up quarterly for miscellaneous waste. The total yearly cost to Alamo is \$139,700. Waste Management takes this solid waste to Jere Kirk's landfill in Dyer County.

EXECUTIVE SUMMARY

PAGE 8

City of Gadsden

Contact Person: Mayor Tommy Smith

Solid Waste System: Waste Management handles the account. They have one 40-yard dumpster, the rent is \$960 per year. The haul and disposal fees average \$255 per haul twice a month, for a total of \$510 per month.

City of Friendship

Contact Person: Deborah Butler, City Recorder and Nat Watson, Public Works Director

Solid Waste System: Barker Brothers, Inc. collects the waste for \$4.42 per month, per residence, \$8.84 per month for the commercial customers. They have 281 customers and the total budget is \$16,141.27. (1993)

C. Dyer County

Don Dills, County Executive, has an arrangement with Barker Brothers, Inc. who deals directly with the customers in Dyer County. In Dyer County, Dyersburg is the major City, along with Newbern and Trimble.

City of Newbern

Contact Person: Jennifer Webb

Solid Waste System: Newbern has two trucks which pick up waste daily and haul it to Gratio Landfill in Lake County (see copy of contract included in Appendix). The monthly average is about 75 tons and Newbern pays \$1400.00 per month plus \$0.85 per ton tax. Ms. Webb did not have a budget cost for men and trucks because it was coming out of the Public Works Budget and there is no dollar figure for it.

City of Trimble

Contact Person: Don Bennett

Solid Waste System: Barker Brothers, Inc. collects solid waste from 300 customers at \$4.73 per residence per month. Revenues are about \$21,600, as well as expenditures. Trimble has a local 2-ton truck which takes compost to Gratio Landfill about once a month, and they have no budget figures on the truck and driver. Barker Brothers, Inc. deals directly with commercial customers.

City of Dyersburg

Contact Person: Tom Burgess, City Engineer

Solid Waste System: City of Dyersburg has its own solid waste collection system and landfill. The landfill currently serves the City of Dyersburg only. In Dyersburg the charges for the sanitary landfill are taking in approximately 80 tons per day during a 5 day week at \$24 per ton.

Dyer County Landfills

There are two Dyer County landfills. The City of Dyersburg landfill on Sorells Chapel Road services the City of Dyersburg only, at this time, with a permitted capacity acreage of 164 acres and disposes of approximately 80 tons per day. The remaining capacity according to Tom Burgess, the City Engineer, is 65 years at 21,000 tons per year.

The other landfill is privately owned by Jere Kirk, Dyer County. The permitted capacity is 75 acres, and has 2 million cubic yards capacity left. At the present time Mr. Kirk says he is collecting approximately 2500 tons per month at \$20 per ton. He also does asbestos collection, and he collects approximately 80 loads per year, or about 1000 tons per year. The cost is \$18 per cubic yard, plus \$1.50 per mile. This landfill is, according to Mr. Kirk, permitted until 1996 on the bottom layer. Some of Mr. Kirk's biggest customers are Colonial Rubber Company at 250 tons per week; World Color Company, 400 tons per month; Dyersburg Fabric; Georgia Gulf; and H.I.S. Company of Bruceton. There are no incinerators in Dyer County, (the one in downtown Dyersburg is closed.) Note: During the course of the preparation of this plan, Mr. Kirk notified the board he would be offering his landfill for sale. He submitted to the board a detailed document showing the terms of the sale. (See Appendix)

SOLID WASTE HAULERS

Barker Brothers, Inc. - Troy, Tennessee

A large area of the Crockett -Dyer-Gibson County Solid Waste Region is served by Barker Brothers, Inc. of Troy, Tennessee (Obion County). Most of the areas covered in Dyer County are small rural farms and tiny subdivisions.

The following is from a meeting with Barker Brothers, Inc. of August 9, 1993, and an update (phone) conversation on June 27, 1994, is a generalized report on the solid waste figures and tonnage collected by Barker Brothers, Inc. In Dyer County Barker Brothers, Inc. collects residential and commercial solid waste, a total of 1,870 tons per year. Dyer County's industrial waste is also collected and is approximately 11,724 tons per year. In Gibson County Barker Brothers, Inc. collect 2,370 tons per year of residential waste and collections of 4,770 tons of industrial waste. In Crockett County they collect 520 tons of residential and commercial waste per year, and no industrial waste.

Dyer County:

1375 Customers (161 new customers since January)

Cost: \$7.25/customer (billed directly to customer) + 1st from County

Gibson County:

825 Residences (146 new since June, 1994)

Cost: \$10.00/customer (billed directly to customer)

Crockett County:

Recently bought out David Baker hauler

525-530 Residences

Cost: \$10.00/customer

In addition, Barker Brothers, Inc., has recently purchased and has in operation a wood grinder. The intent is to direct all wood waste to this grinder and decrease volume of waste going into their landfill by 10-15%. Also, they have been approved by the state to operate an industrial recycling plant and have begun construction of this plant. Another item they are planning is a used tire shredder which should come on line within the year.

Barker Brothers, Inc. does not do a lot of business in Crockett County, however they collect a substantial amount of the solid waste in the rural areas of Dyer and Gibson counties. Brian Barker is the contact person. The phone number is 885-5528, in Troy, Tennessee.

Waste Management, Inc. - Jackson, Tennessee

A substantial solid waste collection and disposal company that operates in the southern part of the planning region is Waste Management, Inc. Mr. Frank Palmer is the contact person in Jackson, Tennessee. In Gibson County, Waste Management, Inc. collects for the City of Milan. Approximately 191 tons of waste per month is collected in Humboldt; they collect 319 tons per month of commercial and carry it to Humboldt's Recycling Center.

Medina collects 25 tons of waste per month and was hauled to Humboldt Recycling Center. (Now being diverted to landfill outside of Dyersburg owned by Jere Kirk and to landfill owned by Waste Management, Inc. in Trenton, Tennessee). Humboldt Recycling Center closed after the initial investigation of this report. Waste Management, Inc. currently (Spring/Summer, 1994) transports the Crockett County Waste to Landfills in Dyer County. In Crockett County, Waste Management, Inc. collects from all three Convenience Centers and transports the waste to the recycling center (as of Fall 1993) in Humboldt. Also, Waste Management, Inc. collects residential waste in Alamo and carries it to Dyer County. In addition, they collect from Bells, Maury City and Gadsden, Tennessee and carry it to Humboldt.

Waste Management also collects in Gibson and Crockett counties for commercial and residential customers. Mr. Frank Palmer indicated that they carry their waste to Jerry Kirk's landfill in Dyer County and most of what they carry is commercial. From Gibson and Crockett Counties they carry approximately 291 tons of commercial waste to Jerry Kirk's landfill and that is about a 50/50 split between Gibson and Crockett Counties. The industrial waste for Gibson and Crockett Counties is approximately 164 tons which they transport to Jerry Kirk's Landfill (Dyersburg) of which 90% of it is from Gibson County.

Pete Bullington

Pete Bullington is located in Gibson County. He has two 1 ton trucks and 2 drivers. He works 2 trucks 2 days and 1 truck 2 days. He collects about 40 tons per month from 800 rural customers and transports to Humboldt and Milan landfills. His route includes such rural areas as Frog Jump, Brazil, Gibson Wells, Fruitland, Medina, Atwood, Cades, Idlewild and also Skullbone. The fee for each customer is \$10.00 per month for once a week mail-box pickup.

IV. SOLID WASTE PLAN

REFERRED TO AS "THE PLAN" HEREWITH:

PLAN I.

DYERSBURG OPTS NOT TO ACCEPT REGIONAL WASTE AND RECYCLE, INC. IS NOT ON LINE.

EXECUTIVE SUMMARY

PAGE 12

During Phase I of the plan the counties in the region do not have the advantage of the use of the landfill at Dyersburg or the recycling center at Humboldt. Under Phase I the counties continue to use the private haulers as they are currently set-up except that the private haulers are educated about the regional goals of a 25% reduction by January 1, 1995 and plans are set up for the removal of recyclables through either source reduction in the case of industry or by using other facilities to sort the waste at some designated recycling facility. Also, diversion of yard wastes to a proper landfill is instituted by the tri-county region through the use of private haulers. Educational programs (especially for industry) are set up for the purpose of making the public aware of the need to recycle.

ALL COUNTIES IN THE REGION

Recycling and Reduction : All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items. In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick-up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

PLAN II.

SHOULD ANY OR ALL OF THE FOLLOWING OPTIONS BECOME VIABLE , THE REGIONAL SOLID WASTE BOARD WOULD THEN INITIATE THE APPROPRIATE OPTION(S) IN PHASE II OF THE PLAN

OPTION NO. 1

RECYCLE CENTER IN HUMBOLDT REOPENS BUT DYERSBURG LANDFILL OPTS NOT TO BE REGIONAL LANDFILL.

Gibson County imposes flow control in order to divert all waste in Gibson County (with the exception of Kenton) to the recycling center at Humboldt. Waste that is unable to be recycled at the center and must be transported to somewhere else is bid to local haulers and lowest bid is taken. Crockett and Dyer Counties are required to get a price for hauling waste to Humboldt to the recycling center but may option to send waste elsewhere if and only if price is not competitive.

OPTION NO. 2

DYERSBURG LANDFILL OPTS TO BE REGIONAL LANDFILL ; HUMBOLDT RECYCLING CENTER DOES NOT REOPEN.

When Dyersburg city landfill elects to become regional landfill, Dyer County can impose flow control for Dyer County. Crockett and Gibson counties are required to solicit a price for the hauling of all waste in their counties to Dyersburg landfill but may option to do otherwise if price is not competitive. If price is competitive all waste must be diverted to Dyersburg landfill through regional flow-control.

OPTION NO. 3

DYERSBURG CITY LANDFILL OPTS TO BECOME REGIONAL LANDFILL AND HUMBOLDT RECYCLING CENTER REOPENS.

Under this option Dyersburg city landfill becomes the regional landfill and Humboldt Recycling center reopens to accept all waste from Gibson County and elsewhere. Flow control is imposed for all of Dyer County to send waste to Dyersburg Landfill and likewise Gibson County imposes flow control over Gibson county to send all waste to the recycling center at Humboldt (except Kenton). Crockett County is required to get a price to send its waste to Humboldt recycling but may elect to do otherwise if the price is not competitive and if recycling efforts in the county without the use of the recycling facility at Humboldt are acceptable. Non-recyclable waste from the recycling center at Humboldt will be hauled to the Dyersburg City landfill if the price is competitive. Dyer County will set up recycling collection centers to collect recyclables to be sent to Humboldt if the price for hauling is competitive.

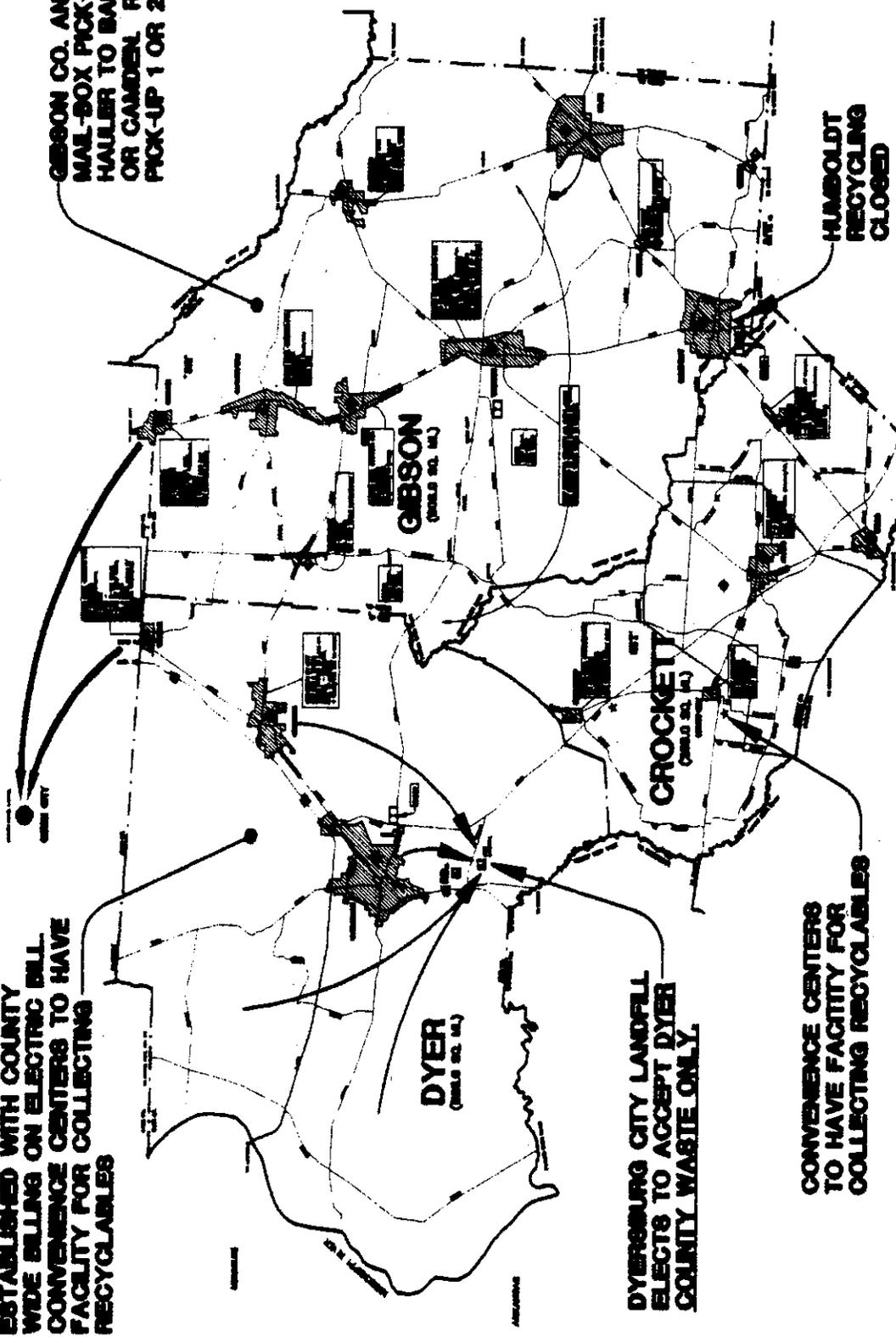
ALL COUNTIES IN THE REGION

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DYER CO.

CONVENIENCE CENTERS TO BE ESTABLISHED WITH COUNTY WIDE BILLING ON ELECTRIC BILL. CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

GIBSON CO. AND MUNICIPALITIES MAIL-BOX PICK-UP BY PRIVATE HAULER TO BARKER BROS., KIRK OR GARDEN. RECYCLABLES PICK-UP 1 OR 2 DAYS PER MONTH.



DYERSBURG CITY LANDFILL ELECTS TO ACCEPT DYER COUNTY WASTE ONLY.

CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

HUMBOLDT RECYCLING CLOSED

CROCKETT COUNTY TO KIRK'S OR GARDEN BY PRIVATE HAULERS

LEGEND

- ★ APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
- ◆ CONVENIENCE CENTERS PROVIDER: HUMBOLDT RECYCLING
- PERMITTED CLASS 1 LANDFILL
- INCINERATOR
- ▲ PROCESSING CENTER (RECYCLING CENTER)
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED PROVIDED BY SAID MUNICIPALITY
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED PROVIDER: WASTE MANAGEMENT OF JACKSON
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED PROVIDER: LORETTA'S SHREVE SERVICE
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED PROVIDER: SAUNDER BROS.
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED CONTRACTING WITH HUMBOLDT
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVED CONTRACTING WITH HUMBOLDT
- ◆ COMPANY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH UNINCORPORATED AREAS OF COUNTY (COLLECTOR CONTRACTING WITH HUMBOLDT)

PREPARED BY: JENKINS

TOTAL LAND AREA: 1,402.8 SQ. MI.

TOTAL POPULATION: 64,748

AVERAGE DENSITY (POP./SQ. MI.): 46.16 PERSONS/SQ. MI.

PLAN I

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

CDG-1

CONVENIENCE CENTER	ADDRESS	PHONE	TYPE OF SERVICE	DATE OF ESTABLISHMENT	STATUS
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

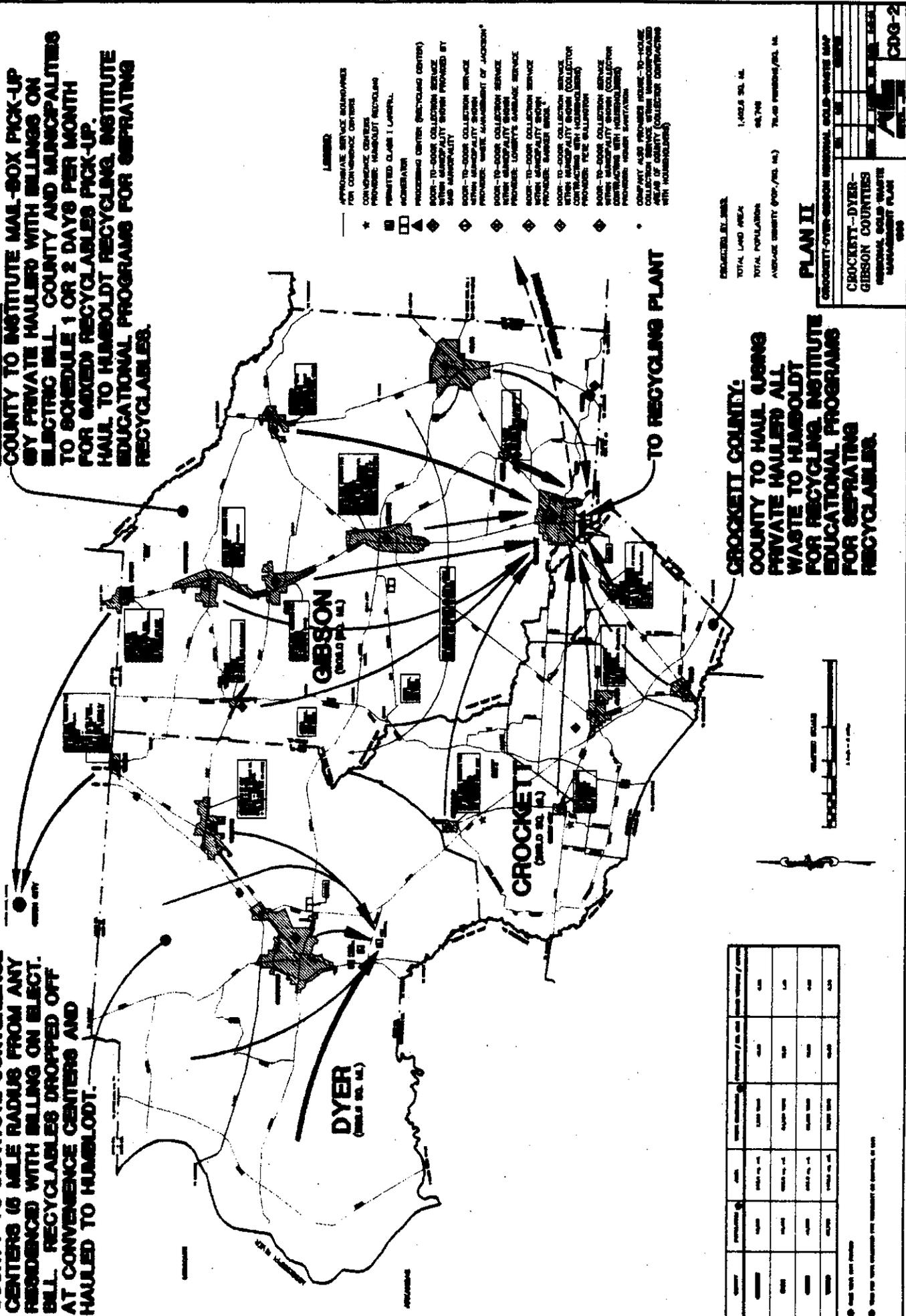
© 1988 THE STATE OF MISSISSIPPI
 © 1988 THE STATE OF MISSISSIPPI DEPARTMENT OF ENVIRONMENT & FORESTRY

DYER COUNTY:

COUNTY TO INSTITUTE CONVENIENCE CENTERS 6 MILE RADIUS FROM ANY RESIDENCE WITH BILLING ON ELECT. BILL. RECYCLABLES DROPPED OFF AT CONVENIENCE CENTERS AND HAULED TO HUMBLDT.

GIBSON COUNTY:

COUNTY TO INSTITUTE MAIL-BOX PICK-UP BY PRIVATE HAULERS WITH BILLINGS ON ELECTRIC BILL. COUNTY AND MUNICIPALITIES TO SCHEDULE 1 OR 2 DAYS PER MONTH FOR SCHEDULED RECYCLABLES PICK-UP. HAUL TO HUMBLDT RECYCLING. INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.



LEGEND:

- ★ APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
- CONVENIENCE CENTERS
- ◆ PROVIDER: HUMBLDT RECYCLING
- ◆ PERMITTED CLASS 1 LANDFILL
- GENERATOR
- ▲ PROCESSING CENTER (RECYCLING CENTER)
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY SAID MUNICIPALITY
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY WASTE MANAGEMENT OF JACKSON
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY LOWMYER'S SERVICE
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY "BURNER BROS."
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY "BURNER BROS."
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY "BURNER BROS."
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY "BURNER BROS."
- ◆ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SERVICE PROVIDED BY "BURNER BROS."
- ◆ COMPANY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH UNINCORPORATED TOWN OF CROCKETT (COLLECTOR CONTRACTING WITH HUMBLDT)

COUNTY	POPULATION	TOTAL LAND AREA	TOTAL POPULATION	AVERAGE DENSITY (POP./SQ. MI.)
DYER	1,402	1,402	1,402	1.00
GIBSON	1,402	1,402	1,402	1.00
CROCKETT	1,402	1,402	1,402	1.00

CROCKETT COUNTY:
 COUNTY TO HALL USING PRIVATE HAULERS ALL WASTE TO HUMBLDT FOR RECYCLING. INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.

PROJECT NO. 1402
 TOTAL LAND AREA 1,402 SQ. MI.
 TOTAL POPULATION 4,206
 AVERAGE DENSITY (POP./SQ. MI.) 3.00 PERSONS/SQ. MI.

PLAN II
 CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN
 1988

CDG-2

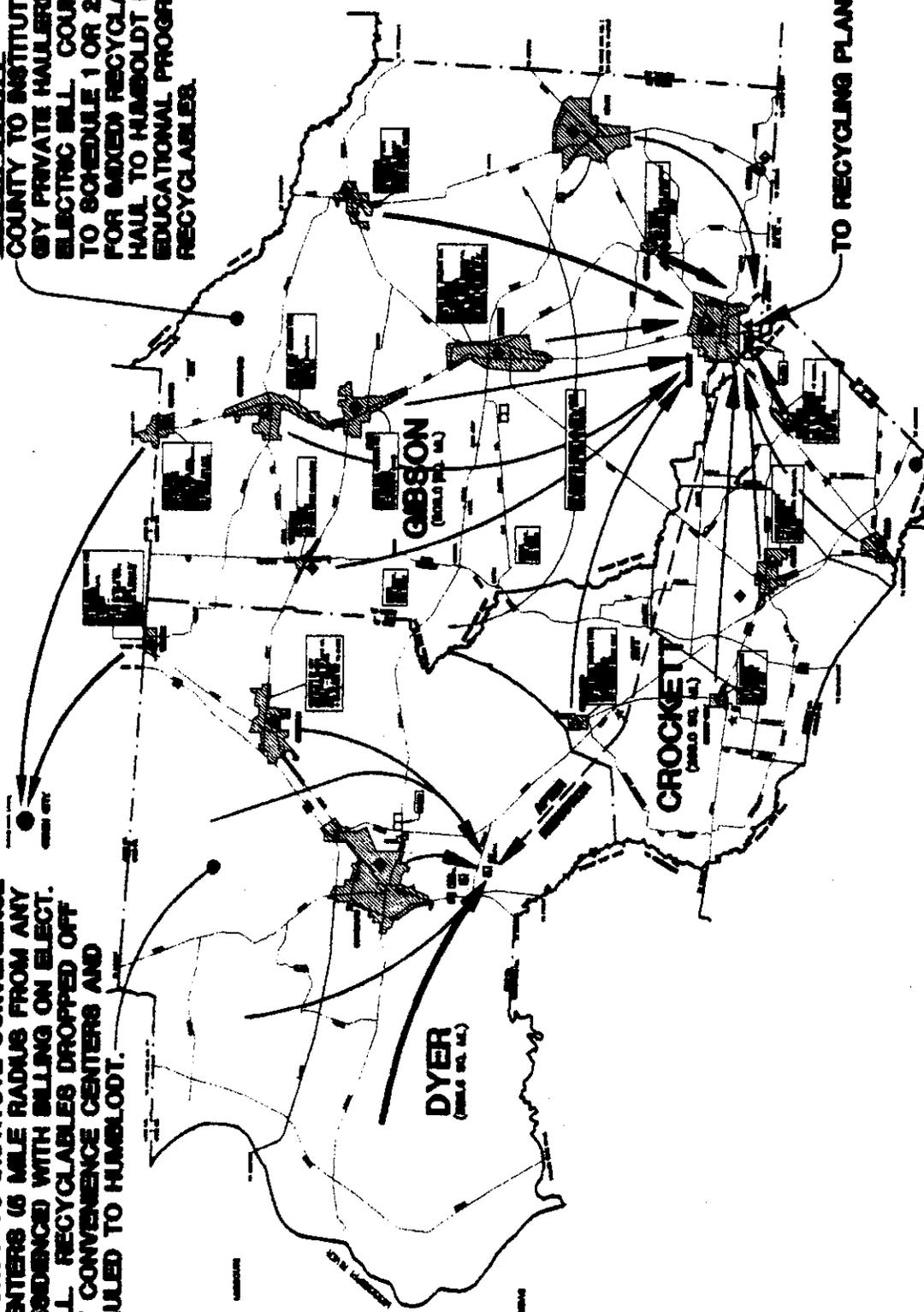
DYER COUNTY:

COUNTY TO INSTITUTE CONVENIENCE CENTERS 6 MILE RADIUS FROM ANY RESIDENCE WITH BILLING ON ELECT. BILL. RECYCLABLES DROPPED OFF AT CONVENIENCE CENTERS AND HAULED TO HUMBLOTT.

GIBSON COUNTY:

COUNTY TO INSTITUTE MAIL-BOX PICK-UP BY PRIVATE HAULERS WITH BILLINGS ON ELECTRIC BILL. COUNTY AND MUNICIPALITIES TO SCHEDULE 1 OR 2 DAYS PER MONTH FOR MIXED RECYCLABLES PICK-UP. HALL TO HUMBOLDT RECYCLING INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.

COUNTY	POPULATION	AREA (SQ. MI.)	POPULATION / SQ. MI.	PERCENTAGE OF POPULATION WITH SERVICE
DYER	10,000	1,000	10	100
GIBSON	10,000	1,000	10	100
CROCKETT	10,000	1,000	10	100
TOTAL	30,000	3,000	10	100



CROCKETT COUNTY:

COUNTY TO HAUL USING PRIVATE HAULERS ALL WASTE TO HUMBOLDT FOR RECYCLING. INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.

- LEGEND**
- ★ APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
 - CONVENIENCE CENTERS
 - ▣ PROVIDED HUMBOLDT RECYCLING
 - ▤ PENNSYLVANIA CLASS I LANDFILL
 - ◇ GENERATOR
 - ◇ PROCESSING CENTER (RECYCLING CENTER)
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY BROWN PROVIDED BY S&B MUNICIPALITY
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY
 - ◇ PROVIDER: WHITE MANAGEMENT OF JACKSON
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY BROWN
 - ◇ PROVIDER: LOWERY'S GARBAGE SERVICE
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY BROWN
 - ◇ PROVIDER: BUNKER BROS.
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY BROWN (COLLECTOR CONTRACTING WITH HOMEOWNERS)
 - ◇ PROVIDER: PETE BELLINGTON
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY BROWN (COLLECTOR CONTRACTING WITH HOMEOWNERS)
 - ◇ PROVIDER: HOOPER SWARTZMAN
 - ◇ SERVICE ALSO PROVIDED WASTE-TO-ELECTRICITY COLLECTOR CONTRACTING WITH HOMEOWNERS
 - ◇ SERVICE ALSO PROVIDED WASTE-TO-ELECTRICITY COLLECTOR CONTRACTING WITH HOMEOWNERS

DESIGNED BY: [Name]
 TOTAL LAND AREA: 1,402.5 SQ. MI.
 TOTAL POPULATION: 94,746
 AVERAGE DENSITY (POP./SQ. MI.): 70.40 PERSONS/SQ. MI.

PLAN IV

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP
 CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN
 CDG-4

V. **IMPLEMENTATION SCHEDULE:**

- March 1, 1994 Annual Progress Reports from regions are due
- December 31, 1994 Whole waste tires will no longer be accepted for landfilling
- January 1, 1995 Site to accept and store whole waste tires, used automotive fluids/oils, and lead-acid batteries must be established.
- January 1, 1995 Solid waste collection and disposal system must be available in each county
- March 1, 1995 Annual Progress Reports from regions are due
- December 31, 1995 Requirements for 25% waste reduction becomes effective
- January 1, 1996 Collection sites for recyclable materials must be established

VI. **ESTIMATED 10 YEAR COSTS**

Detailed estimated costs for the implementation of the proposed plan are included in Chapter XI since the system to be used includes only the use of existing features such as the existing landfills in and around the region and the recycling center at Humboldt.

VII. PROPOSED ALLOCATION OF RESPONSIBILITY AMONG LOCAL GOVERNMENTS AND THE PRIVATE SECTOR

REGIONAL AUTHORITY

- **Oversee Implementation of Plan**
- **Annual Reviews and Adjustments of Plan as Needed for Next Ten Years**
- **Resource for Regional Education and Grant Applications**
- **Monitor the 25% Reduction Goal**
- **Technical Assistance to Private and Public Officials**
- **Research and Data Maintenance Program.**

LOCAL (COUNTY/MUNICIPALITIES) GOVERNMENT

- **Adopt Materials Approvals to Solid Waste Thereby Reducing Through Education of Public Officials and the General Public, the Quantity and Toxicity of the Waste Requiring Disposal**
- **Establish Recycling Collection Centers**
- **Establish Collection Systems for 90 Per Cent of the Residences in the Region**

PRIVATE SECTOR

- **Maintain Services Provided Including Collection Abilities and Disposal Capabilities**
- **Maintain Accurate Records of Cost for Collection and Disposal As Well As Records of Quantities and Composition of Waste Stream.**
- **Meet with Board on Regular Basis to Review Ten Year Plan and Offer Suggestions and Comments.**

TENNESSEE ENVIRONMENTAL LAW LETTER

A monthly survey
of environmental
law developments
in Tennessee

J. Andrew Goddard,
G. Scott Thomas,
Editors

Vol. 4, No. 9

October 1992

REGULATIONS

Amendments Proposed to Solid Waste Processing and Disposal Rules

The Division of Solid Waste Management and the Division of Solid Waste Assistance have announced that public hearings will be held on proposed amendments to the Solid Waste Processing and Disposal regulations. The "Informative Summary of the Proposed Rules" issued by these divisions states:

(1) This rulemaking includes multiple and various amendments to Rule Chapter 1200-1-7, Regulations Governing Solid Waste Processing and Disposal Facilities in Tennessee. Most of these amendments are proposed in response to the final regulations that were published in the Federal Register by the U.S. Environmental Protection Agency (EPA) on October 9, 1991 (40 CFR Parts 257 and 258, Solid Waste Disposal Facility Criteria; Final Rule). They include certain technical corrections, changing and adding definitions, housekeeping amendments, clarifications, reference changes, typos and other corrections and additions deemed necessary.

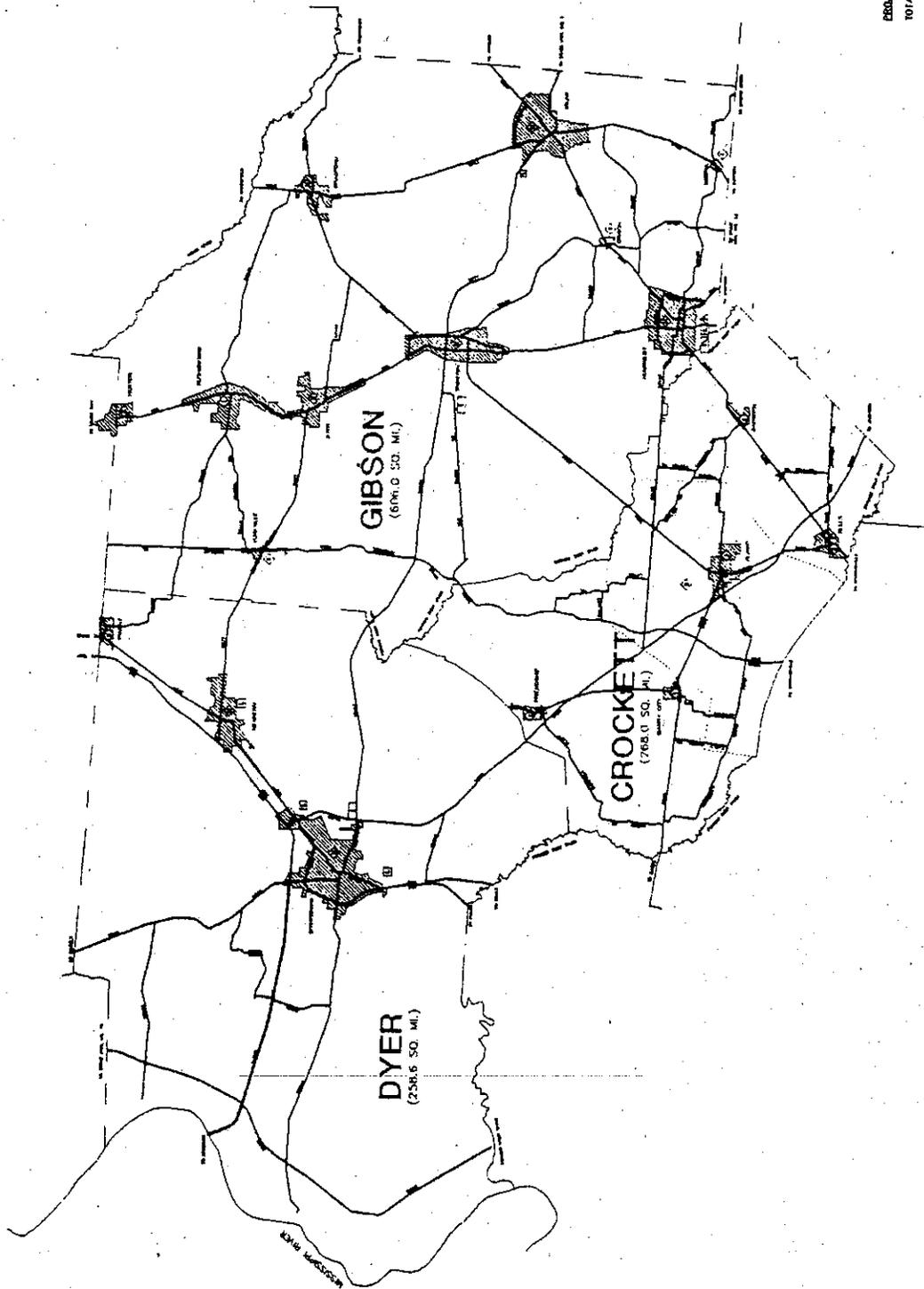
(2) Existing definitions have been changed and additional definitions incorporated as needed to be consistent with the 40 CFR Parts 257 and 258. Location restrictions have been added and changed to address airports, fault areas, seismic impact zones, and unstable areas. Operating criteria have been clarified in regard to access roads. Design criteria have been changed to reflect 40 CFR Parts 257 and 258 in regard to liner standards, final cover equivalent to the liner, and groundwater monitoring, which includes two (2) proposals for consideration (Detection, Assessment, Selection Remedy and Corrective Action). Closure/Post Closure care and Financial Assurance sections have been changed to reflect current standards.

(3) Also included are amendments to Appendix I of Rule 1200-1-7-.01 of the National Primary Drinking

Water Standard; Appendix I of Rule 1200-1-7-.04 for Ground Water Monitoring, and Appendix II of Rule 12-1-7-.04 for Hazardous Constituents. New proposed Rules 1200-1-7-.09 (State Waste Reduction Goal) and Rule 1200-1-7-.10 (Municipal Solid Waste Collection and Disposal Systems - Convenience Centers).

Proposed new Rule 1200-1-7-.09 establishes a goal of reducing by 25% the amount of solid waste disposed of at municipal solid waste disposal facilities and incinerators by the end of 1995. The goal applies to each municipal solid waste region. Acceptable waste reduction methods include diversion from a Class I to a Class II or IV disposal facility, composting, recycling, source reduction, problem waste removal, and mulching. Methods and practices that will *not* be counted toward the reduction plan are incineration, production of unmarketed compost and recyclables, and illegal or unauthorized storage or disposal of municipal solid waste. The goal applies only to waste that has been going to Class I landfills and municipal solid waste incinerators. Sanctions for failure to achieve the goal include loss of eligibility for Solid Waste Management Fund grants and civil penalties.

Proposed new Rule 1200-1-7-.10 establishes a minimum level of service that every county must offer to assure that all residents are provided with collection and disposal service. A county can meet the minimum requirement by providing sufficient household collection or by operating the requisite number of convenience centers containing receptacles open to the public. The household collection requirement is met when at least 90% of all residents are provided with household collection. The convenience center requirement is met by establishing one or more centers, depending upon the number of either square miles or residents in the county. A county may also meet the rule's requirements through approval by the Tennessee Department of Environment and Conservation ("TDEC") of an alternative system providing a higher level of service than the convenience centers.



LEGEND

- APPROXIMATE SERVICE WINDROCKS FOR CONVENIENCE CENTERS
- CONVENIENCE CENTERS
- PROVIDER: HUMBOLDT RECYCLING
- PERMITTED CLASS I LANDFILL
- GENERATOR
- PROCESSING CENTER
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN PROVIDED BY SAID MUNICIPALITY
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN PROVIDED: WASTE MANAGEMENT OF JACKSON*
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN PROVIDED: LOPEZ'S GARBAGE SERVICE
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN PROVIDED: BANKER BROS.*
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN CONTRACTING WITH HOUSING/RESIDENTS PROVIDER: PETE BULLINGTON
- DOOR-TO-DOOR COLLECTION SERVICE WITH MUNICIPALITY SHOWN CONTRACTING WITH HOUSING/RESIDENTS PROVIDER: MOORE SANITATION
- COMPANY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH HOUSING/RESIDENTS IN AREAS OF COUNTY (COLLECTOR CONTRACTING WITH HOUSING/RESIDENTS)

DERIVED BY 1982
 TOTAL LAND AREA: 1,402.6 SQ. MI.
 TOTAL POPULATION: 98,748
 AVERAGE DENSITY (POP./SQ. MI.): 70.40 PERSONS/SQ. MI.

CHAPTER ONE: DESCRIPTION OF THE MUNICIPAL SOLID WASTE REGION

A. General Description

1. The Crockett-Dyer-Gibson Solid Waste Regional Management Board is represented by the following counties and incorporated municipalities:

Crockett County

- Alamo
- Bells
- Friendship
- Maury City
- Gadsden

Dyer County

- Dyersburg
- Newbern

Gibson County

- Humboldt
- Milan
- Trenton
- Rutherford
- Kenton (petition signed to be considered in Obion County)
- Bradford

2. The tri-county region covers a total of 1402.6 square miles as shown on the map attached. The breakdown of size is as follows:

• Crockett County	268.0 square miles
• Dyer County	528.6 square miles
• Gibson County	606.0 square miles

The region is bounded on the west by the Mississippi River, on the south partially by the Forked Deer River, and on the north and west by imaginary grid lines. The region is primarily a rural area with agriculture comprising approximately 5% of the employment. Manufacturing comprises approximately 50% of the employment. The area is criss-crossed with state highways and one interstate, I-155 from Dyersburg to I-55. There is an ample network of roadway for the transportation of local wastes.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DESCRIPTION OF MUNICIPAL SOLID WASTE REGION

SUBJECT: RATIONALE FOR REGION FORMATION

COUNTIES: CROCKETT, DYER, GIBSON

In August 1992, at the Regional Assembly for the nine counties comprising the Northwest Tennessee Development District, the Solid Waste Management Region of Crockett, Dyer, and Gibson counties was formed.

These three counties adopted this specific multi-county regional formation for several reasons:

- 1. Mutual county-wide objectives toward the creation of a professional and dedicated solid waste management system.**
- 2. A prior working relationship between county officials that would ensure prudent solid waste management decisions.**
- 3. Contiguous geographic locations.**
- 4. Shared resources.**

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DESCRIPTION OF MUNICIPAL SOLID WASTE REGION

SUBJECT: INSTITUTIONAL STRUCTURE OF ADMINISTRATIVE BOARD

COUNTIES: ALL

The Solid Waste Management Regional Advisory Board for the three(3) counties of Crockett, Dyer, and Gibson consists of fifteen (15) voting members. These individuals, who have a mutual interest in the creation of professional and dedicated solid waste management systems throughout their respective counties, represent a wide range of political, professional, business, and community leaders.

The counties of Dyer and Gibson are represented by six (6) voting board members each, and Crockett county has three (3) members, for the maximum number of voting members allowable by the state of Tennessee.

The Advisory Board was formed to foster the creation of a Solid Waste Management Plan for each county, designed to educate government officials and the public on how they expect to meet specific solid waste management goals.

Once a final solid waste management plan is agreed upon by the advisory board, each county will be apprised of the plan by its contingents to the board. This will be achieved by educating the county commissioner and aldermen, who in turn, will approve the plan, possibly based on some modifications tailored to suit the unique features of each community.

**SOLID WASTE MANAGEMENT AUTHORITY
1994 MEMBERS**

**MICHAEL STOOKSBERRY
UT-CTAS SOLID WASTE CONSULTANT
P.O. BOX 100, ROOM 202, CLEMENT HALL
UNIVERSITY OF TENNESSEE, MARTIN
MARTIN, TN 38238**

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**BILLY J. BETHEL
SOLID WASTE PLANNER
NORTHWEST TENNESSEE DEVELOPMENT DISTRICT
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MARTIN, TN 38237**

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901) 587-4587 FAX

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***BILLY D. WEST
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MILAN, TN**

(901) 686-3774

***W.L. FARRIS
3247 EAST END DR..
HUMBOLDT, TN**

(901) 784-2144

**RON RILEY, COUNTY EXECUTIVE
GIBSON COUNTY COURTHOUSE
TRENTON, TN 38382**

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(901) 855-7650 F

***CLYDE BIRMINGHAM
316 W. 10TH STREET
TRENTON, TN 38382**

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(901) 855-2013 H

***ERNEST R. POUNDS
228 W. MAIN
BRADFORD, TN 38316**

(901) 742-2960

**MAYOR MARTHA HAWKS
HUMBOLDT CITY HALL
1421 OSBORNE
HUMBOLDT, TN 38343**

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***JAMES H. STEVENS
306 W. BROAD ST.
DYER, TN 38330**

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(901) 692-3015 H

***JOHN LEONARD
19 FORKED OAKS LANE
HUMBOLDT, TN 38343**

(901) 784-5576 W
(901) 784- 7280 F

*Voting Member

**SOLID WASTE MANAGEMENT AUTHORITY
1994 MEMBERS (CONT'D)
PAGE 2**

DYER COUNTY

***STEVE SCOFIELD, CHAIRMAN - 1994**

P.O. BOX 441

(901) 285-5074

DYERSBURG, TN 38024

(901) 285-5089

DON DILLS, COUNTY EXECUTIVE

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DYERSBURG, TN 38024

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***TOM BURGESS, DYERSBURG CITY ENGINEER**

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***BOB JONES**

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DYERSBURG, TN 38024

(901) 285-2647 H

***CYNTHIA MITCHELL**

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NEWBERN, TN 38059

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JERE T. KIRK - EX OFFICIO

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***JIM STARK**

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***MARIANNA WILLIAMS**

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***Voting Member**

**SOLID WASTE MANAGEMENT AUTHORITY
1994 MEMBERS (CONT'D)
PAGE 3**

CROCKETT COUNTY

***MAYOR TOMMY GREEN
P.O. BOX 1
ALAMO, TN {1}**

(901) 696-4515 W

**JIM JERMAN, COUNTY EXECUTIVE
COURTHOUSE SQUARE
ALAMO, TN 38001**

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***TONY COLE
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GADSDEN, TN 38337**

(901) 784-0702 W

***HAROLD PARK
P.O. BOX 286, RFD #2
FRIENDSHIP, TN**

(901) 677-2520 W

(901) 677-2785 H

ORIGINAL C-D-G SOLID WASTE BOARD.

SOLID WASTE REGIONAL BOARD

Chairman

✓ Bob Jones
P.O. Box 667
Dyersburg, TN 38024
286-3365
285-2647

send in mail

V. Chairman

Kenneth Cannon
Box 233
Christmasville Rd.
Trenton, TN 38382

Sec/Treas

✓ Grace Desnoyers
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(h)

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(h)

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Trimble, TN 38259
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Beeper
(h)

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Ron Riley
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✓ Jim Jerman
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✓ Don Dills
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(h)

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855-2013

✓ Steve Scofield
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Dyersburg, TN 38024
285-5074

(w)

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY

SUBJECT: REGIONAL SUMMARY OF MAJOR GENERATORS OF COMMERCIAL AND NON-HAZARDOUS INDUSTRIAL WASTE IN 1991

COUNTY: ALL

TABLE I-10

COUNTY	SCREENING CRITERIA APPLIED	NUMBER OF GENERATORS	ESTIMATED TOTAL QUANTITY OF WASTE (TPY)
CROCKETT	ALL GENERATORS	13	(1) 9,739
DYER		(2) 20	(3) 4,080
GIBSON		20	(4) 4,100
REGIONAL TOTALS			

(1) 9,400TPY from United Foods in Bells. Approximately 8,000 TPY is vegetable material waste from processing used to build soil organic matter and is not taken to a landfill. The remaining 1400 TPY is transported to Haywood Co. for disposal.

(2) All but 3 are in Dyersburg.

(3) Boston Industrial Products in Newbern accounts for 2,530 TPY (61%) of this total.

(4) Tecumseh Products in Trenton accounts for 2,100 TPY (51%) of this total.

DEMOGRAPHICS AND ECONOMIC ACTIVITY

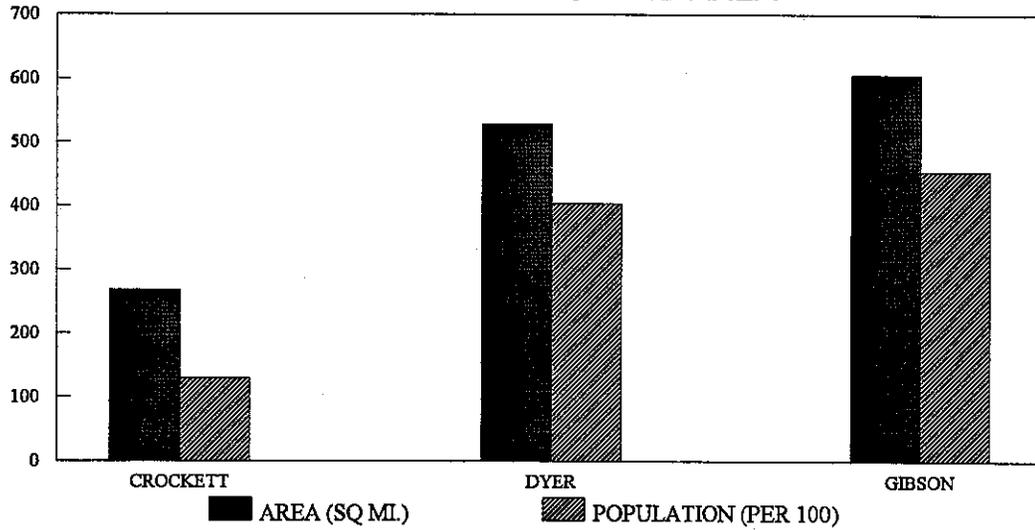
CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS
SUBJECT: POPULATION vs LAND AREA
COUNTY: ALL

TABLE I-1

COUNTY	AREA	POPULATION	AVERAGE DENSITY
CROCKETT	268	12,900	48.13
DYER	528.6	40,381	76.39
GIBSON	606	45,467	75.03
TOTALS	1402.6	98,748	70.4

POPULATION VS LAND AREA



CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS
SUBJECT: REGIONAL POPULATION URBAN VS RURAL
COUNTIES: ALL

TABLE I-2

COUNTY	URBAN		RURAL	
	POPULATION	%	POPULATION	%
CROCKETT	0		12,900	100
DYER	22,613	56	17,768	44
GIBSON	21,597	48	23,870	53
REGIONAL TOTAL	44,210	45	54,538	55

POPULATION URBAN VS RURAL

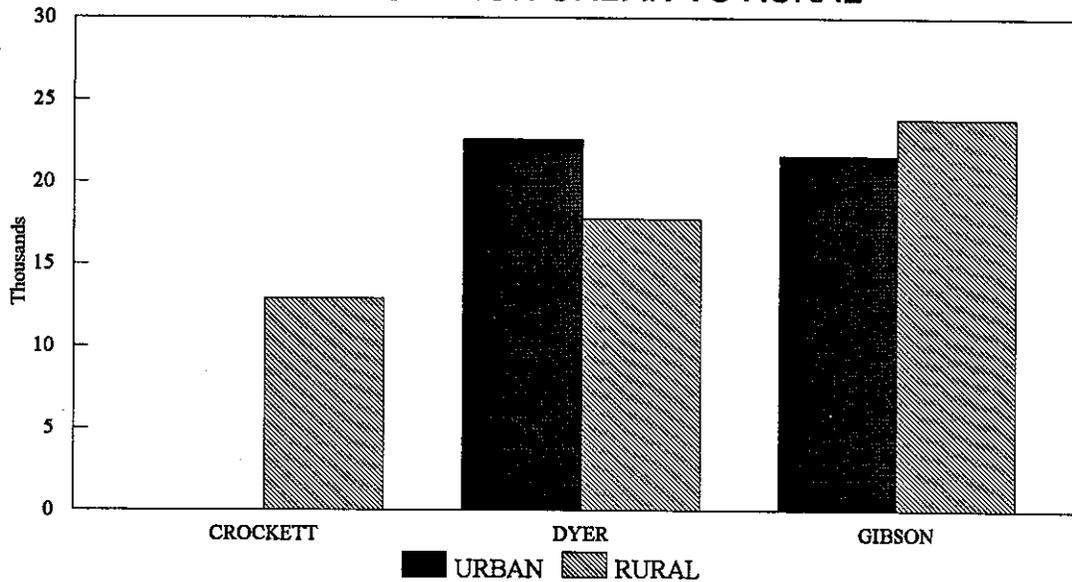


CHART CDG12.WK3

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

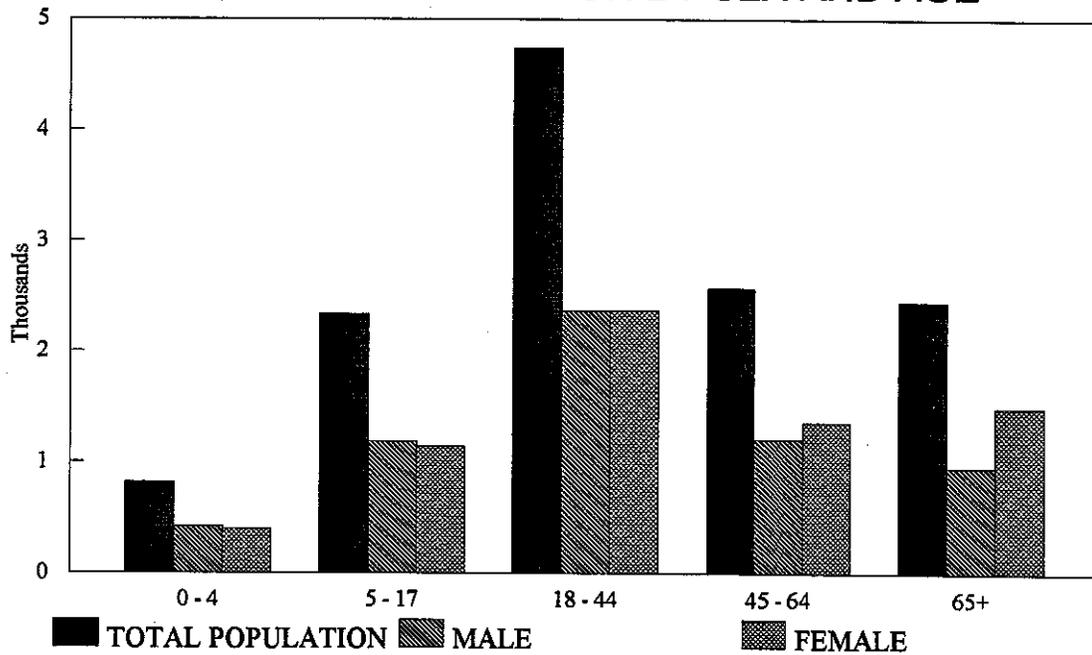
SUBJECT: REGIONAL POPULATION BY SEX AND AGE

COUNTY: CROCKETT

TABLE I-3A

AGE	TOTAL	%	MALE	%	FEMALE	%
0-4	809	6	413	51	396	49
5-17	2,332	18	1,189	51	1,142	49
18-44	4,738	37	2,369	50	2,369	50
45-64	2,571	20	1,208	47	1,362	53
65+	2,450	19	956	39	1,495	61
TOTALS	12,900	100	6,135	48	6,764	52

COUNTY POPULATION BY SEX AND AGE



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

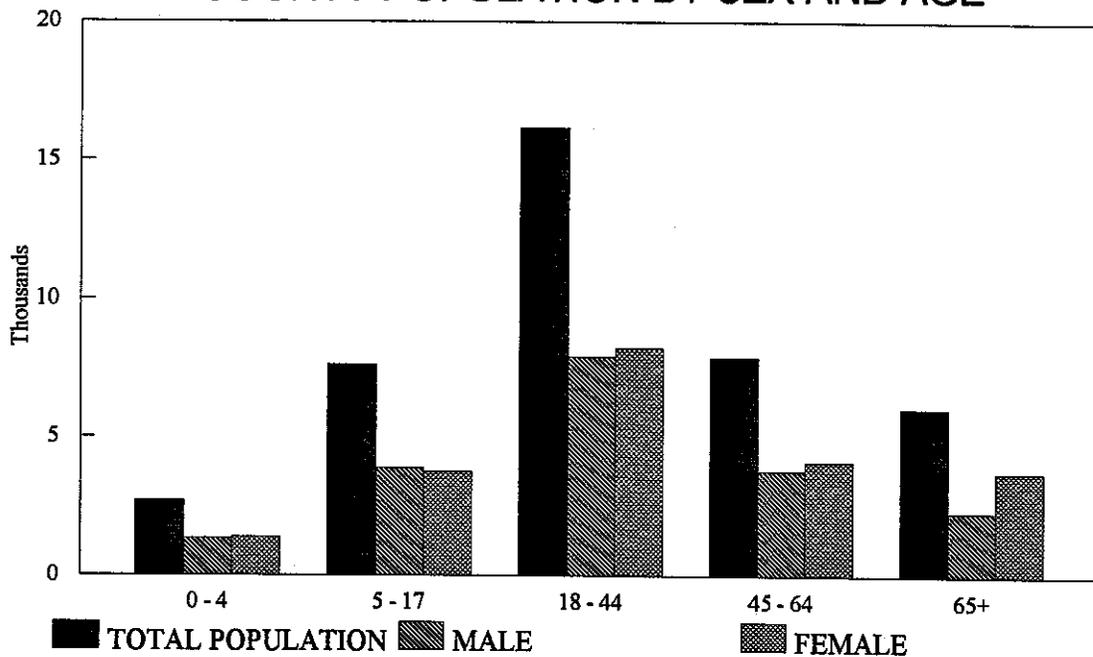
SUBJECT: REGIONAL POPULATION BY SEX AND AGE

COUNTY: DYER

TABLE I-3B

AGE	TOTAL	%	MALE	%	FEMALE	%
0-4	2,695	7	1,320	49	1,374	51
5-17	7,625	19	3,889	51	3,736	49
18-44	16,138	40	7,908	49	8,230	51
45-64	7,890	20	3,787	48	4,103	52
65+	6,034	15	2,293	38	3,741	62
TOTALS	40,382	100	19,197	48	21,184	52

COUNTY POPULATION BY SEX AND AGE



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

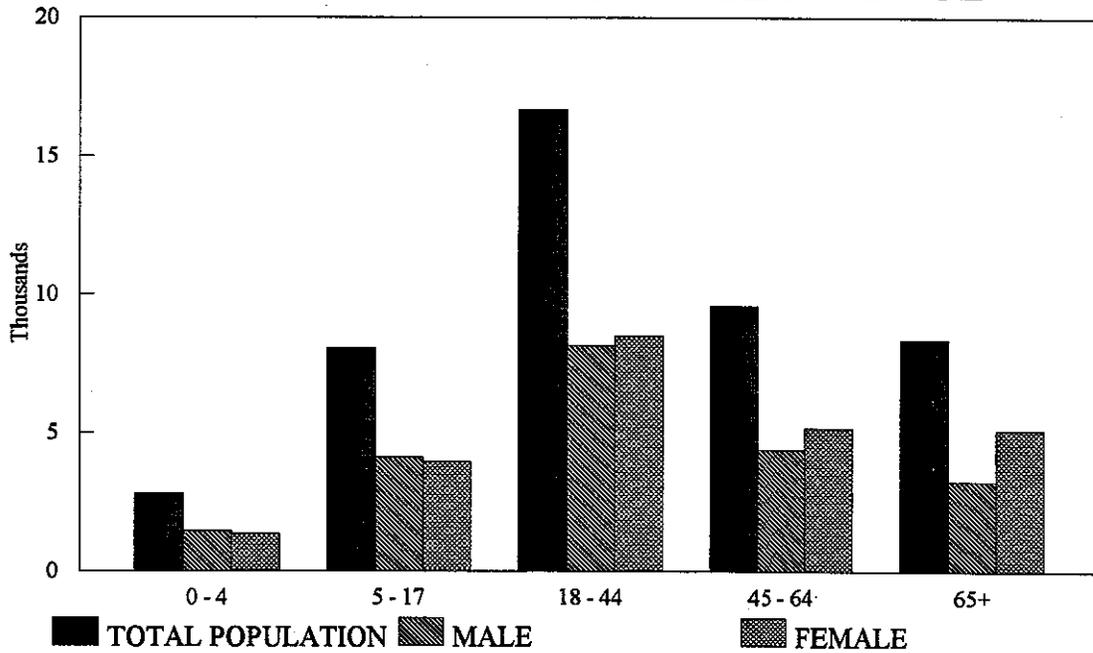
SUBJECT: REGIONAL POPULATION BY SEX AND AGE

COUNTY: GIBSON

TABLE I-3C

AGE	TOTAL	%	MALE	%	FEMALE	%
0-4	2,798	6	1,455	52	1,343	48
5-17	8,051	18	4,106	51	3,945	49
18-44	16,668	37	8,167	49	8,501	51
45-64	9,590	21	4,411	46	5,179	54
65+	8,360	18	3,260	39	5,100	52
TOTALS	45,467	100	21,399	48	24,068	52

COUNTY POPULATION BY SEX AND AGE



CHANGING TOWNS
ANALYSIS OF THE CURRENT
SOLID WASTE MANAGEMENT SYSTEM
FOR THE REGION

CHAPTER TWO: ANALYSIS OF THE CURRENT SOLID WASTE MANAGEMENT SYSTEM FOR THE REGION

A. General Description

The Crockett-Dyer-Gibson Solid Waste Region is served by two major haulers. Barker Brothers, Inc. from Troy, Tennessee in Obion County, just north of this region, collects almost all the rural solid waste for the county of Dyer. Most of the solid waste for the municipalities and the rural areas for Gibson County. Waste Management of Jackson, Tennessee collects almost all of the solid waste in Crockett County and hauls it to Jere Kirk's landfill, outside of Dyersburg. In addition, Pete Bullington of Medina collects waste in Gibson County in the rural areas and transports it to the Milan, Tennessee landfill. There is an incinerator in Trenton, Tennessee run by Clyde Birmingham and another one in Humboldt that has been closed down temporarily. The City of Dyersburg currently collects its own waste and transports it to the city-owned landfill located just south of the City. Dyersburg also has an incinerator that was closed in 1990. The City of Newbern in Dyer County collects its own waste and hauls it to the landfill outside the city. This particular landfill will be closing in 1996. In Dyer County Barker Brothers, Inc. Also collects for the City of Trimble which is right on the Obion County line. The City of Kenton which is divided by Obion County and Gibson County lines chose to be in another region, therefore they are not considered in this plan. Attached is a full size drawing showing the flow as described above, along with pertinent information for each municipality and county. The map shows approximate service boundaries for convenience centers, convenience centers locations, permitted class 1 landfills, incinerators, processing centers and the different types of collections that are given throughout the region.

B. Strengths and Weaknesses of the Existing System

During the evaluation of the quantity, variety and quality of solid waste collection and of the treatment and type of disposal facilities and services and programs provided to the citizens in the region, the following items were noted:

1. There appears to be at the present time adequate disposal facilities to accommodate the region's solid waste generation and for the next ten years. This will be handled by the landfills either in the region near Dyersburg or the landfills that are immediately outside the region such as Barker Brothers, Inc. or Waste Management, Inc. to the south. In addition, there are a number of private haulers already in the systems that are presently set up for the collection and transportation for the different solid waste regions which would accommodate the growth trends for the next decade.
2. The system appears to have adequate highway systems in order to transport the solid waste to areas for disposal.

3. There seems to be a spirit of cooperation among the three counties as they plan for the next ten years of solid waste management.

Some of the weaknesses that were seen in the current system are as follows.

- a. Currently the rural areas of Dyer County and Gibson County are only experiencing a 20 - 40% collection rate on the residences in these areas.
- b. The recycling center at Humboldt has temporarily closed, which could, if reopened, facilitate much of the recycling program that the region has in mind and accommodate some of the haulers in the area as a transfer station.
- c. The fact that there will be some landfills closing in 1996 and the fact that some landfills will go to a Sub-title D and incur the associated enormous expense of upgrading the landfill could cause private haulers in the area to raise their rates to a prospective captive clientele.
- d. Due to the fact that the landfills that exist in Dyer County, run by the City of Dyersburg, has not opted to receive waste from other counties could cause problems of finance for this particular landfill if a Sub-title D landfill is constructed.
- e. The West Tennessee Landfill could become the only privately owned landfill within the Crockett-Dyer-Gibson region and the potential for raising the tipping fee rates could be imposed.

C. Requirements/Regulations

The Crockett-Dyer-Gibson region has developed a plan to manage municipal solid waste in the region, planning for a ten year disposal capacity and plans for a twenty-five percent (25%) reduction in the amount of solid waste entering landfills and incinerators in the region, by weight on a per capita basis, by December 31, 1995. In addition, the Act requires new balefill inspection and manifest system regulations to prevent disposal of hazardous waste hidden in bales of waste originating from baling facilities other than those regulation by the Tennessee Department of Environment and Conservation.

Additionally, a flow control authority may be established once a district's solid waste region plan is approved by the State planning office (Section 13) which may:

1. Regulate the flow of collected municipal solid waste within the region if it can demonstrate the necessity of such flow control. (Section 13(b)(1)(A)) However, the region's counties, cities and solid waste authorities must use existing facilities (public or private) that are environmentally sound, cost effective and have adequate capacity before mandating disposal of the region's waste at another facility.
2. Restrict access of waste generated outside the region to any landfills and incinerators located within the region which dispose of municipal solid waste. (Section 13(b)(1)(B)) Exception: the region may not impair contractual obligations entered into prior to approval of the region's plan. If a facility within a region has accepted waste from a specific source outside the region prior to July 1, 1991, the region may not prohibit that facility from continuing to accept waste from that source, unless the facility's acceptance of that waste significantly impairs the region's ability to effectuate the plan.

The region must approve any application for a permit to own and/or operate a solid waste disposal facility or incinerator within the region consistent with the region's disposal needs before the Commissioner may issue a permit. (Section 13 (D)) However, the region may reject an application for a new or expansion of an existing solid waste disposal facility or incinerator within the region if it can determine that the application is inconsistent with the Solid Waste Management Plan. (Section 13(b)(2)(B))

Effective January 1, 1995, each county in this region shall assure that one or more municipal solid waste collection and disposal systems are available to meet the needs of the residents of the county. The minimum level of service that the county shall assure is a system consisting of a network of convenience centers throughout the county. (Section 21(a)) For example, if there are private haulers providing house-to-house collection services within an area, this level of service would exceed the level of service of convenience centers as required by regulation. From funds available in the Solid Waste Management Fund, the State Planning Office shall offer matching grant assistance to counties for the purpose of establishing or upgrading convenience centers required by this act. (Section 21(d))

Transporters of municipal solid waste collected and/or to be disposed of in Tennessee shall register with the department and shall register annually thereafter. (Section 22) However, transporters of less than (5) cubic yards are exempt from these requirements.

Annually the region shall submit an annual report to the State Planning Office for the immediately preceding calendar year on implementation of the region plan, solid waste collection,

recycling, transportation, disposal costs, etc. (Section 49(a)(b)). (Section 19) In addition, the State Planning Office shall award annual plan maintenance grants to development districts in order to assist in revising data and maintaining district needs assessments, and assisting counties within the district. (Section 19) The State Planning Office shall also award planning assistance grants to each county or solid waste region in order to assist such counties or regions in developing and maintaining regional plans.

U.S. GOVERNMENT PRINTING OFFICE

INFORMATION REPORT AND

PERMITS APPLICATION REVIEW

CHAPTER TWELVE: FLOW CONTROL AND PERMIT APPLICATION REVIEW

Pursuant to Chapter Twelve of the "Guidelines for Preparation of a Municipal Solid Waste Regional Plan" for a multi-county region the following responsibilities have been assigned for implementing the specific elements of the plan.

IMPLEMENTATION SCHEDULE:

<u>Date</u>	<u>Activity</u>	<u>Responsible Party</u>
• July 1, 1994	Plan submitted to State for review	Consultant
• December 31, 1994	Whole waste tires will no longer be accepted for landfilling	Individual Landfill Owners
• January 1, 1995	Site to accept and store whole waste tires, used automotive fluids/oils and lead-acid batteries must be established	Each County Authority
• January 1, 1995	Solid waste collection and disposal system must be available in each county	Regional Board and each Individual County Authority
• March 1, 1995	Annual Progress Reports from regions are due	Consultant and Regional Board
• December 31, 1995	Requirements for 25% waste reduction becomes effective	Regional Board
• January 1, 1996	Collection sites for recyclable materials must be established	Individual County Authorities
• March 1, 1996	Annual Report due	Regional Board and Consultant
• March 1, 1997	Annual Report due	Regional Board and Consultant
• March 1, 1998	Annual Report due	Regional Board and Consultant

- March 1, 1999 Annual Report due Regional Board and Consultant
- March 1, 2000 Annual Report due Regional Board and Consultant
- March 1, 2001 Annual Report due Regional Board and Consultant
- March 1, 2002 Annual Report due Regional Board and Consultant
- March 1, 2003 Annual Report due Regional Board and Consultant

The Solid Waste Regional Administrative Board has been adopted and approved "The Plan" as stated in Chapter IX along with all three county commissions. The relevant signed documents are enclosed under Appendix A.



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

THE COMMERCIAL APPEAL

MEMPHIS, TUESDAY, MAY 17, 1994

Supreme Court overturns trash 'flow control' law

From Our Press Services

WASHINGTON — The Supreme Court Monday struck down a New York town's ordinance requiring private haulers to take trash to a city-owned processing plant.

The 6-3 ruling deals a setback to municipalities that have sought to finance costly trash-handling facilities by forcing haulers to take all their garbage to the plants. Haulers say they can often save money by shipping trash to other states or municipalities.

Two years ago, the court said states and counties cannot refuse to accept out-of-town trash or hazardous waste by imposing laws or special fees. Monday's decision also makes clear that cities cannot use laws to retain

trash that could otherwise be shipped elsewhere.

In both instances, the justices said waste-control measures discriminate against the free-flow of interstate commerce.

At least 26 states allow municipalities to adopt "flow control" ordinances that restrict shipments of solid waste. These measures have been particularly popular in the Northeast, where local governments have built recycling or trash burning plants as an alternative to landfills. Often, the financing of these plants is based on a guaranteed flow of trash. Memphis does not have such an ordinance.

The case arose in 1991 when a private hauler was caught trying to sneak out of town with a truckload of trash. The city of Clarkstown, N.Y., charged \$81 per ton at its facility. The hauler,

C & A Carbone, said it could save money by shipping the trash to landfills as far away as Indiana, Illinois or West Virginia.

In other action Monday, the court:

■ Ruled unanimously in a case from West Virginia and North Carolina that people convicted of serious federal crimes cannot regain the right to possess guns through state procedures.

■ Refused to block Chicago, and by extension all other cities as well, from requiring newsstand owners to get permits or remove their businesses from public property.

■ Said it will decide whether New York or New Jersey gets to claim Ellis Island, once the nation's major immigration gateway, as a home-state attraction.

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APPENDIX A: LEGAL DOCUMENTATION AND ORGANIZATION OF THE REGION

Enclosed are the necessary legal documents for the following:

1. A certified copy of the Resolution establishing the Region, adopted by each county commission
2. A list of Regional Board Members, the jurisdiction each represents, and terms of office. (included in Chapter One)
3. A copy of the appointment letter for each member for a record of the confirmation of each board member by the appropriate bodies.
4. Letters signed by the appropriate County Executive and Mayor certifying that each jurisdiction has complied with the financial accounting requirements of TCA Section 68-31-874 (the names of the special revenue funds should be included)

RESOLUTION CREATING GIBSON, DYER, AND CROCKETT COUNTIES
MUNICIPAL SOLID WASTE
PLANNING REGION

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

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

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

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

WHEREAS, as per T.C.A. § 68-211-881, the nine development districts in the State of Tennessee have completed a district needs assessment which are inventories of the solid waste systems in Tennessee; and

WHEREAS, Gibson County's Board of County Commissioners has given consideration to the needs assessment prepared by the Northwest Tennessee Development District; and

WHEREAS, T.C.A. § 68-211-813, requires that counties in the State of Tennessee form municipal solid waste regions no later than December 12, 1992; and

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

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

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

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

BE IT FURTHER RESOLVED, that this Resolution by the Boards of County Commissioners of Gibson County evidences and constitutes the agreement of Gibson, Crockett, and Dyer Counties in the joint formation of a multi-county municipal waste region; and

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

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall be composed of (odd number between 5 and 15) members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. § 68-211-813(b)(1), and as part of the participating counties' agreement, as evidenced and constituted by this Resolution, the Municipal Solid Waste Region Board shall be composed of the following number of members representing Gibson County and, in the instance of a City or Town which collects or provides disposal services through its own initiatives or by contract;

Gibson County Commission	<u>1</u>	Member
City of Milan	<u>1</u>	Member
City of Humboldt	<u>1</u>	Member
City of Trenton	<u>1</u>	Member
Humboldt Recycling	<u>1</u>	Member
Small Cities Rep. (Medina, Bradford, Dyer, Rutherford, and Kenton)	<u>1</u>	Member

In addition to these members from Gibson County, Dyer County will have six members and Crockett County will have three members, which will represent their county, cities, or towns. This will make a total of fifteen members as the Regional Board.

BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board members shall be appointed by the County Executive of the respective county the member shall represent and by the Mayor of the respective city or town the member shall represent and, that the member so appointed, shall be approved by the respective Board of County Commissioners and municipal governing bodies; and

BE IT FURTHER RESOLVED, that the members of the Board of the Municipal Solid Waste Region shall serve a six year term except that, as pursuant to T.C.A. § 68-211-813 (b)(1) and as part of the participating counties agreement as evidenced by this Resolution, the following shall be the initial terms of office: 1 member representing Small Cities and 1 member representing City of Trenton for a two year term, 1 member representing City of Milan and 1 member representing Gibson County Commission for a four year term, 1 member representing Humboldt Recycling and 1 member representing City of Humboldt for a six year term; and

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall have all powers and duties as granted it by T.C.A. § 68-211-813 et seq. and, as part of the participation counties agreement as evidenced by this Resolution, it shall have the additional rights and is empowered to utilize existing governmental personnel, services, facilities, and records of the counties which are a party to this agreement evidenced by this Resolution, and to employ or contact with persons, private consulting firms, and/or governmental, quasi-governmental, and public entities and agencies in the performance of its duty to cause a municipal solid waste region plan to be produced; and

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

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR CROCKETT COUNTY

BE IT RESOLVED:

That the Crockett County Commission, meeting in regular session, March 21, 1994, at 7:00 P.M., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Sam LewisSECONDED BY: Phillip LoweryVOTES FOR 21VOTES AGAINST: 3 Absent

Bill F. Gates
COUNTY COURT CLERK

James H. Hargraves
COUNTY EXECUTIVE

Attest to be a True Copy

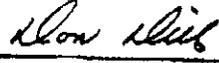
This 29 day of Mar 1994BOLBY F. GATES
Crockett County ClerkMinute Book 4 page 5159by S. Kila Simmons, C.

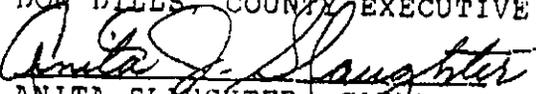
RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR DYER COUNTY

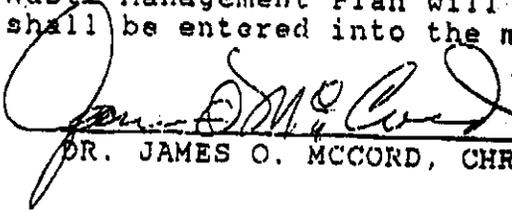
RE IT RESOLVED:

That the Dyer County Commission, meeting in regular session, on April 11, 1994, at 7:00 p.m., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to the resolution, and shall be entered into the minutes of this County Commission.


DON DILLS, COUNTY EXECUTIVE


ANITA SLAUGHTER, COUNTY CLERK


DR. JAMES O. MCCORD, CHR.

COMMISSIONER MOLLY WILLIAMS MADE A MOTION TO ACCEPT

COMMISSIONER JOE SWAFFORD SECONDED THIS MOTION.

VOTING IN FAVOR TWENTY (20)

VOTING AGAINST. --0--

*Jimm. JTB
Keb.*

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR GIBSON COUNTY

BE IT RESOLVED:

That the Gibson County Commission, meeting in regular session, May, 1994, at Trenton does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Com. Grover Poteet

SECONDED BY: Com. Coy Yergin

VOTES FOR: 21

4 Absent

VOTES AGAINST: _____

I, Diane Taylor
County Clerk of Gibson County,
Tennessee do hereby certify that
the above and foregoing is a true
and correct copy of the original,
which appears of record in my
office in Minute Book 46
Page _____
This May 13 19 94
Diane Taylor, Clerk
By Dorinda Evans
D. C.

Diane Taylor
COUNTY COURT CLERK

Normie A. Kelly
COUNTY EXECUTIVE

John Thorne
Normie M. Mathews
Ed Jones
Ernie R. Young
Samuel Smith

Askew/Hargraves Copy



RECEIVED
JUN 23 1993
ARH Consult. Engr.

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Solid Waste Assistance
L & C Tower, 14th Floor
401 Church Street
Nashville, TN 37243-0455

June 10, 1993

Mr. Robert C. Jones, Chairman
Regional Solid Waste Planning Board for
Crockett, Dyer, and Gibson Counties
P. O. Box 1360
Dyer County Courthouse
Dyersburg, TN 38024

RE: Grants for the Development of Solid Waste Plans

Dear Mr. Jones:

Upon consideration of the information in your application to our Division and the approval of Crockett, Dyer, and Gibson county resolutions by the State Planning Office, we are pleased to offer a grant of \$60,000 to assist in the development of your solid waste management plan.

To accept this grant as the region's authorized representative, please sign four (4) copies of the grant offer. The enclosed "Authorization Agreement for Automatic Deposits (ACH Credits) Form should be completed by the authorized representative of the designated fiscal agent. Both should be returned to me at the address shown above.

We have also reviewed your contract with Askew Richardson Hargraves and Associates and find it acceptable. You may submit a request for reimbursement upon receipt of your executed planning grant. We will make every effort to expedite its processing, however; this process may take up to forth-five (45) days. We encourage you to make arrangements with your fiscal agent to pay invoices when they are submitted to avoid incurring late charges or other penalties. These funds may then be repaid when your reimbursement is issued from the State.

If you have any questions or need assistance, please contact me at (615) 532-0087.

Sincerely,

Kathy Fowlkes

Kathy Fowlkes, Grants Analyst 3
Grants Administration Section

Enclosures

kf



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 14, 1994

Mr. Don Dills
County Executive
P.O. Box 1360
Dyersburg, TN 38024

RE: Information Required for Solid Waste Plan

Dear Don:

Pursuant to our last board meeting which was held in Alamo, TN (May, 1994), I am following up with this letter as a reminder to you that the plan requires that certain legal documents and organizational information is required and is included as part of the plan that is to be submitted July 1, 1994. This information will be inserted under Appendix A of the planning guidelines of the plan. The information required is as follows:

1. A certified copy of the Resolution establishing the Region, adopted by each county commission
2. A list of Regional Board Members, the jurisdiction each represents, and terms of office
3. A copy of the appointment letter for each member for a record of the confirmation of each board member by the appropriate bodies.
4. A current list of officers of the Board.
5. A brief description of the Structure Role of the Regional Municipal Advisory Committee
6. Letters signed by the appropriate County Executive and Mayor certifying that each jurisdiction has complied with the financial accounting requirements of TCA Section 68-31-874 (the names of the special revenue funds should be included)

This information is required before we can submit the plan. We would appreciate it if you could bring any or all of the required information to the Board Meeting scheduled for 7:00 p.m. (immediately following the Public Hearing at 6:00, Crockett County Courthouse, Alamo, TN). Please disregard any items which do not apply to your office.

Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES

Mark W. Askew, P.E.
Managing Partner

MWA/jh

CC: Mr. Ron Riley, County Executive, Gibson County
Mr. Jim Jerman, County Executive, Crockett Co.
Mr. Steve Scofield, Chairman, Solid Waste Mgmt Board

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8. SOLID WASTE RESOLUTION

The motion was made by Commissioner Sam Lewis that the Solid Waste resolution be approved as read.

The motion was second by Commissioner C. Rex Mehr.

MOTION CARRIED BY AYE VOTE

Attest to be a True Copy

This 21 day of June, 1994

BOBBY F. CATES
 Crockett County Clerk

Minutes Book 3 page 15/19
(Bobby F. Cates)

	AYE	NAY	PASS
1. Harold Park Rt. 2 Friendship, TN 38034	X		
1. Bobby Lee McDaniel Rt. 2 Friendship, TN 38034	X		
2. Franklin Brasfield Rt. 2 Friendship, TN 38034	X		
2. William Brasfield Rt. 1 Friendship, TN 38034	X		
3. Will Spence Rt. 3 Box 319, Halls, TN 38040	ABSENT		
3. Jackie Fincher Rt. 3, Halls, TN 38040	X		
4. Richard Weiker Rt. 1, Friendship, TN 38034	X		
4. Donald Prescott Rt. 1, Alamo, TN 38001	X		
5. Olen Webb Rt. 2, Alamo, TN 38001	X		
5. Davis Lee Riddick Rt. 2 Alamo, TN 38001	X		
6. Brent Porter Rt. 1 Humboldt, TN 38343	X		
6. Phillip Lowery Rt. 1 Gadsden, TN 38337	X		
7. Non Mohundro 215 W. Park, Alamo, TN 38001	X		
7. John Schwerdt Rt. 2, Alamo, TN 38001	ABSENT		
8. Paul Ward 125 S. Manos, Alamo, TN 38001	X		
8. Cecil Hart P.O. Box 10, Alamo, TN 38001	X		
9. Ray Perreuter 1909 Ray Perreuter Road, Bells, TN 38006	X		
9. Sam Lewis Bells, TN 38006	X		
10. C. Rex Mehr Bells, TN 38006	X		
10. Jerry Wells 100 Henderson, Bells, TN 38006	X		
11. Harold Pearson Rt. 1, Bells, TN 38006	X		
11. Billy Neal Webb Rt. 1, Bells, TN 38006	X		
12. Herman G. Malone Gadsden, TN 38337	X		
12. Tony Cole Rt. 1 Salem Rd, Gadsden, TN 38337	X		15

RESOLUTION NO. 92
A RESOLUTION
CREATING DYER, GIBSON, AND CROCKETT COUNTIES
MUNICIPAL SOLID WASTE PLANNING REGION

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

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

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

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

WHEREAS, as per T.C.A. §68-211-881, the nine development districts in the State of Tennessee have completed a district needs assessment which are inventories of the solid waste systems in Tennessee; and

WHEREAS, Crockett County's Board of County Commissioners has given consideration to the needs assessment prepared by the Northwest Tennessee Development District; and

WHEREAS, T.C.A. §68-221-813, requires that counties in the State of Tennessee form municipal solid waste regions no later than December 12, 1992; and

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

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

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

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

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

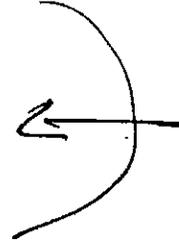
BE IT FURTHER RESOLVED, that this Resolution by the Boards of County Commissioners of Dyer, Gibson, and Crockett Counties evidence and constitutes the agreement of Dyer, Gibson, and Crockett Counties in the joint formation of a multi-county municipal waste region; and

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

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall be composed of 15 members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. §68-211-813 (b) (1), and as part of the participating counties agreement, as evidenced and constituted by this Resolution, the Municipal Solid Waste Region Board shall be composed of the following number of members representing their respective County and the Cities or Towns within that County which collects or provides disposal services through its own initiatives or by contract:

Dyer County and the Cities or Towns of Dyersburg, Newbern, and Trimble	6
Gibson County and the Cities or Towns of Bradford, Dyer, Humboldt, Kenton, Medina, Milan, Rutherford, and Trenton	6
Crockett County and the Cities or Towns of Alamo, Bells, Friendship, Gadsden, and Maury City	3



BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board members shall be appointed by the County Executive of the respective County the member shall represent and by the Mayor of the respective city or town the member shall represent, and that the member so appointed, shall be approved by the respective Board of County Commissioners and municipal governing bodies; and

BE IT FURTHER RESOLVED, that the members of the Board of the Municipal Solid Waste Region shall serve a six year term except that, as pursuant to T.C.A. §68-211-813 (b) (1), and as part of that participating Counties agreement as evidenced by this Resolution, the following shall be the initial terms of office: two members representing Dyer County and the Cities or Towns of Dyersburg, Newbern, and Trimble for a six (6) year term, two members representing Gibson County and the Cities or Towns of Bradford, Dyer, Humboldt, Kenton, Medina, Milan, Rutherford, and Trenton for a six (6) year term, one member representing Crockett County and the Cities or Towns of Alamo, Bells, Friendship, Gadsden, and Maury City for a six (6) year term, two members representing Dyer County and the Cities or Towns of Dyersburg, Newbern, and Trimble for a four (4) year term, two members representing Gibson County and the Cities or Towns of Bradford, Dyer, Humboldt, Kenton, Medina, Milan, Rutherford, and Trenton for

a four (4) year term, one member representing Crockett County and the Cities or Towns of Alamo, Bells, Friendship, Gadsden, and Maury City for a four (4) year term, two members representing Dyer County and the Cities or Towns of Dyersburg, Newbern, and Trimble for a two (2) year term, two members representing Gibson County and the Cities or Towns of Bradford, Dyer, Humboldt, Kenton, Medina, Milan, Rutherford, and Trenton for a two (2) year term, one member representing Crockett County and the Cities or Towns of Alamo, Bells, Friendship, Gadsden, and Maury City for a two (2) year term; and

BE IT FURTHER RESOLVED that this Municipal Solid Waste Region Board shall have all powers and duties as granted it by T.C.A. §68-211-813 et seq., and, as part of the participating counties agreement as evidenced by this Resolution, it shall have the additional rights and is empowered to utilize existing governmental personnel, services, facilities, and records of the counties which are a party to this agreement evidenced by this Resolution, and to employ or contact with persons, private consulting firms, and/or governmental, quasi-governmental, and public entities and agencies in the performance of its duty to cause a municipal solid waste region plan to be produced; and

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

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

BE IT FURTHER RESOLVED that the Municipal Solid Waste Region Board, will strive to coalesce with other municipal solid waste regions, to maximize collection, recycling and disposal of solid waste; and

BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board will plan in conjunction with other regions formed by Henry, Benton, Carroll, Lake, Obion, and Weakley Counties of the Northwest Tennessee Development District and Counties contiguous to the boundaries of the Northwest Tennessee Development District so as to encourage multi-county planning and make possible later mergers of smaller regions into larger regions if so desired; and

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

RESOLVED BY THE BOARD OF COMMISSIONERS OF CROCKETT COUNTY, TENNESSEE, this the 16 day of November, 1992, the welfare of the citizens of Crockett County requiring it.

APPROVED:


JAMES E. JERMAN, County Executive

ATTEST:


BOBBY CATES, COUNTY CLERK

COMMISSIONER Sam Lewis MOVED TO ADOPT THE RESOLUTION.

COMMISSIONER C. Rex Mehr SECONDED THE MOTION:

VOTING IN FAVOR 22 VOTING AGAINST 0.

Crockett Co.

13. UPDATE ON SOLID WASTE REGIONAL BOARD:

COUNTY EXECUTIVE, JAMES E. JERMAN REPORTED TO THE COMMISSION, THAT THE REGIONAL BOARD CONSISTED OF FIFTEEN MEMBERS, THREE OF WHICH ARE FROM CROCKETT COUNTY. THOSE FROM CROCKETT ARE TOMMY GREEN, REPRESENTING THE CITIES OF THE COUNTY AND HAROLD PARK AND TONY COLE REPRESENTING THE COUNTY, WITH THE COUNTY EXECUTIVE AN EX-OFFICIO MEMBER. THE TOTAL MEMBERSHIP OF THE REGIONAL BOARD CONSIST OF SIX FROM DYER COUNTY, SIX MEMBERS FROM GIBSON COUNTY, AND THREE MEMBERS FROM CROCKETT COUNTY..

THIS BOARD MEET IN DYERSBURG LAST AND WILL MEET AGAIN TONIGHT JANUARY 19, 1993 AT 7:00 P.M..

THE CONVENIENCE CENTERS ARE WORKING WELL AND EVERYTHING IS GOING GOOD FOR WASTE MANAGEMENT IN CROCKETT COUNTY REPORTED JAMES JERMAN, COUNTY EXECUTIVE.

	ATN	NAY	PASS
1. Harold Park Rt. 2 Friendship, TN 38034	x		
1. Bobby Lee McDaniel Rt. 2 Friendship, TN 38034	x		
2. Franklin Brasfield Rt. 2 Friendship, TN 38034	x		
2. William Brasfield Rt. 1 Friendship, TN 38034	x		
3. Will Spence Rt. 3 Box 319, Balls, TN 38040	x		
3. Jackie Fincher Rt. 3, Balls, TN 38040	x		
4. Richard Walker Rt. 1, Friendship, TN 38034	x		
4. Donald Prescott Rt. 1, Alamo, TN 38001	x		
5. Olen Webb Rt. 2, Alamo, TN 38001	x		
5. Davis Lee Middick Rt. 2 Alamo, TN 38001	x		
6. Brent Porter Rt. 1 Humboldt, TN 38343	x		
6. Phillip Lowery Rt. 1 Gadsden, TN 38337	x		
7. Ron Mohundro 215 W. Park, Alamo, TN 38001	x		
7. John Schwerdt Rt. 2, Alamo, TN 38001	x		
8. Paul Ward 125 B. Nance, Alamo, TN 38001	x		
8. Cecil Hart P.O. Box 10, Alamo, TN 38001	x		
9. Ray Permenter 1909 Ray Permenter Road, Balls, TN 38006	x		
9. Sam Lewis Balls, TN 38006	x		
10. G. Rex Mahr Balls, TN 38006	x		
10. Jerry Wells 100 Henderson, Balls, TN 38006	x		
11. Harold Pearson Rt. 1, Balls, TN 38006	x		
11. Billy Neal Webb Rt. 1, Balls, TN 38006	x		
12. Norman G. Ellison Gadsden, TN 38337	x		
12. Tony Cole Rt. 1 Salem Rd, Gadsden, TN 38337	x		

This is a true copy
 of the
 minutes
 of the
 meeting
 held
 on
 the
 19th
 day
 of
 June
 1994
 HEBBY F. CATES
 Crockett County Clerk
 Minute Book 3
 67

STATE OF TENNESSEE, REGULAR SESSION MEETING OF BOARD OF COMMISSIONERS FOR
 CROCKETT COUNTY, TENNESSEE, MARCH 21, 1994 AT 7:00 p.m.

Crockett Co.

9. PUBLIC HEARING - ASKEW, RICHARDSON AND HARGRAVES
 (REGIONAL SOLID WASTE PLAN)

Mr. Hargraves addressed the court about the Solid Waste Plan.

The motion was made by Commissioner Sam Lewis to accept the Solid Waste Resolution as read.

The motion was second by Commissioner Phillip Lowery.

MOTION CARRIED 21 AYE 3 ABSENT

	AYE	NAY	PASS
1. Harold Park Rt. 2 Friendship, TN 38034	X		
1. Bobby Lee McDaniel Rt. 2 Friendship, TN 38034	X		
2. Franklin Brasfield Rt. 2 Friendship, TN 38034	X		
2. William Brasfield Rt. 1 Friendship, TN 38034	ABSENT		
3. Will Spence Rt. 3 Box 319, Halls, TN 38060	X		
3. Jackie Fincher Rt. 3, Halls, TN 38040	ABSENT		
4. Richard Walker Rt. 1, Friendship, TN 38034	X		
4. Donald Prescott Rt. 1, Alamo, TN 38001	X		
5. Olan Webb Rt. 2, Alamo, TN 38001	X		
5. Davis Lee Riddick Rt. 2 Alamo, TN 38001	X		
6. Brent Porter Rt. 1 Humboldt, TN 38343	X		
6. Phillip Lowery Rt. 1 Gadsden, TN 38337	X		
7. Ron Mohundro 215 W. Park, Alamo, TN 38001	X		
7. John Schwerdt Rt. 2, Alamo, TN 38001	X		
8. Paul Ward 125 S. Nance, Alamo, TN 38001	X		
8. Cecil Hart P.O. Box 10, Alamo, TN 38001	X		
9. Ray Permenter 1909 Ray Permenter Road, Bells, TN 38006	X		
9. Sam Lewis Bells, TN 38006	X		
10. C. Rex Mehr Bells, TN 38006	X		
10. Jerry Wells 100 Henderson, Bells, TN 38006	X		
11. Harold Pearson Rt. 1, Bells, TN 38006	X		
11. Billy Neal Webb Rt. 1, Bells, TN 38006	X		
12. Herman G. Emison Gadsden, TN 38337	X		
12. Tony Cole Rt. 1 Salem Rd. Gadsden, TN 38337	ABSENT		

This is a true copy
 of the day of March 1994
 BOBBY F. CATES
 Crockett County Clerk
 Minute Book # 4 page 52/51
Bobby F. Cates

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR CROCKETT COUNTY

BE IT RESOLVED:

That the Crockett County Commission, meeting in regular session, March 21, 1994, at 7:00 P.M., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Sam Lewis

SECONDED BY: Phillip Lowery

VOTES FOR 21

VOTES AGAINST: 3 Absent



COUNTY COURT CLERK



COUNTY EXECUTIVE

CROCKETT CO. EXEC.

ID:9016964101

APR 22 '94

11:40 No.002 P.01

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR CROCKETT COUNTY

BE IT RESOLVED:

That the Crockett County Commission, meeting in regular session, March 21, 1994, at 7:00 P.M., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

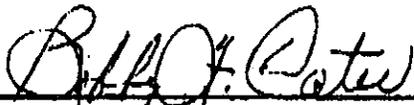
A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Sam Lewis

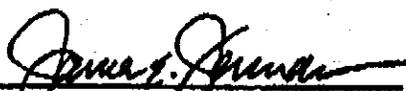
SECONDED BY: Phillip Lowery

VOTES FOR 21

VOTES AGAINST: 3 Absent



COUNTY COURT CLERK



COUNTY EXECUTIVE

Dyer County

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR DYER COUNTY

BE IT RESOLVED:

That the Dyer County Commission, meeting in regular session, on April 11, 1994, at 7:00 p.m., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to the resolution, and shall be entered into the minutes of this County Commission.

Don Dills
DON DILLS, COUNTY EXECUTIVE

James O. McCord
DR. JAMES O. MCCORD, CHR.

Anita J. Slaughter
ANITA SLAUGHTER, COUNTY CLERK

COMMISSIONER MOLLY WILLIAMS MADE A MOTION TO ACCEPT

COMMISSIONER JOE SWAFFORD SECONDED THIS MOTION.

VOTING IN FAVOR TWENTY (20)

VOTING AGAINST. -0-

I DON DILLS, COUNTY EXECUTIVE FOR DYER COUNTY, TENNESSEE, HEREBY CERTIFY THAT THE ABOVE MENTIONED DOCUMENT IS A TRUE AND CORRECT COPY OF THE RESOLUTION PASSED BY THE FULL COUNTY LEGISLATIVE BODY ON THE ABOVE MENTIONED DATE AND THAT THIS RESOLUTION HAS BEEN MADE A MATTER OF RECORD ON FILE IN THE COUNTY COURT CLERKS OFFICE.

Don Dills
DON DILLS, COUNTY EXECUTIVE

THIS 21st day of June 1994.

**CROCKETT - DYER - GIBSON REGIONAL
SOLID-WASTE PLAN**

REFERRED TO AS "THE PLAN" HEREWITH:

PLAN I.

DYERSBURG OPTS NOT TO ACCEPT REGIONAL WASTE AND RECYCLE, INC. IS NOT ON LINE.

During Phase I of the plan the counties in the region do not have the advantage of the use of the landfill at Dyersburg or the recycling center at Humboldt. Under Phase I the counties continue to use the private haulers as they are currently set-up except that the private haulers are educated about the regional goals of a 25% reduction by January 1, 1995 and plans are set up for the removal of recyclables through either source reduction in the case of industry or by using other facilities to sort the waste at some designated recycling facility. Also, diversion of yard wastes to a proper landfill is instituted by the tri-county region through the use of private haulers. Educational programs (especially for industry) are set up for the purpose of making the public aware of the need to recycle.

ALL COUNTIES IN THE REGION

Recycling and Reduction : All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items. In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick-up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

PLAN II.

SHOULD ANY OR ALL OF THE FOLLOWING OPTIONS BECOME VIABLE , THE REGIONAL SOLID WASTE BOARD WOULD THEN INITIATE THE APPROPRIATE OPTION(S) IN PHASE II OF THE PLAN

OPTION NO. 1

RECYCLE CENTER IN HUMBOLDT REOPENS BUT DYERSBURG LANDFILL OPTS NOT TO BE REGIONAL LANDFILL.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

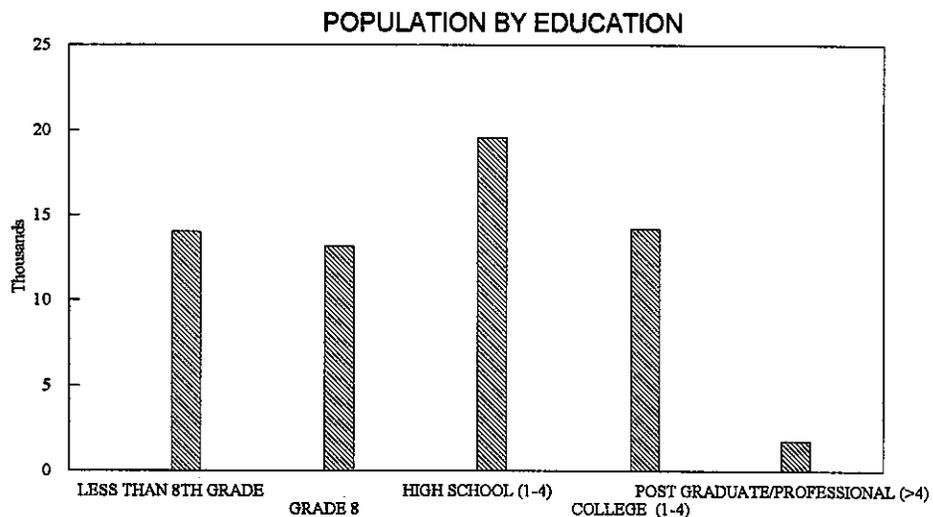
TOPIC: DEMOGRAPHICS

SUBJECT: DISTRIBUTION OF POPULATION BY EDUCATION

COUNTY: ALL

TABLE I-4

LEVEL OF EDUCATION	NO. OF PEOPLE	%
LESS THAN 8TH GRADE	14,002	23
GRADE 8	13,182	21
HIGH SCHOOL (1-4)	19,565	31
COLLEGE (1-4)	14,221	23
POST GRADUATE/PROFESSIONAL (>4)	1,748	3
COUNTY TOTALS	62,178	100



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

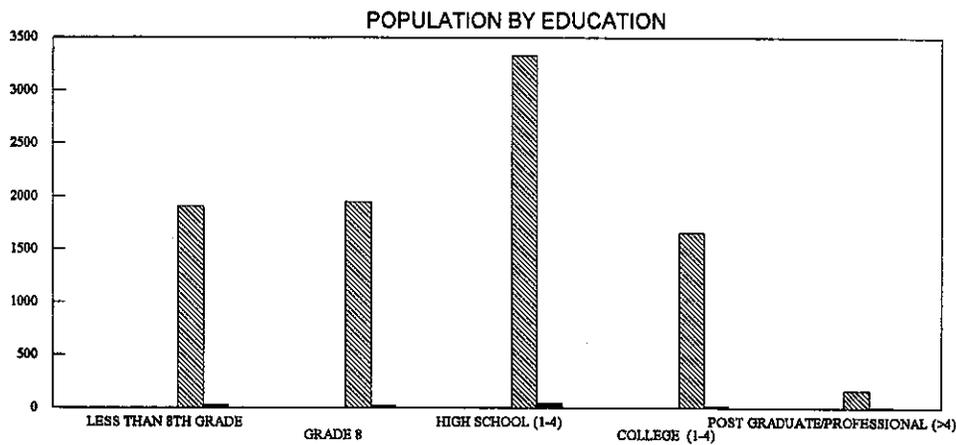
TOPIC: DEMOGRAPHICS

SUBJECT: DISTRIBUTION OF POPULATION BY EDUCATION

COUNTY: CROCKETT

TABLE 1-4A

LEVEL OF EDUCATION	NO. OF PEOPLE	%
LESS THAN 8TH GRADE	1,907	21
GRADE 8	1,944	22
HIGH SCHOOL (1-4)	3,332	37
COLLEGE (1-4)	1,656	18
POST GRADUATE/PROFESSIONAL (>4)	164	2
COUNTY TOTALS	9,003	100



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

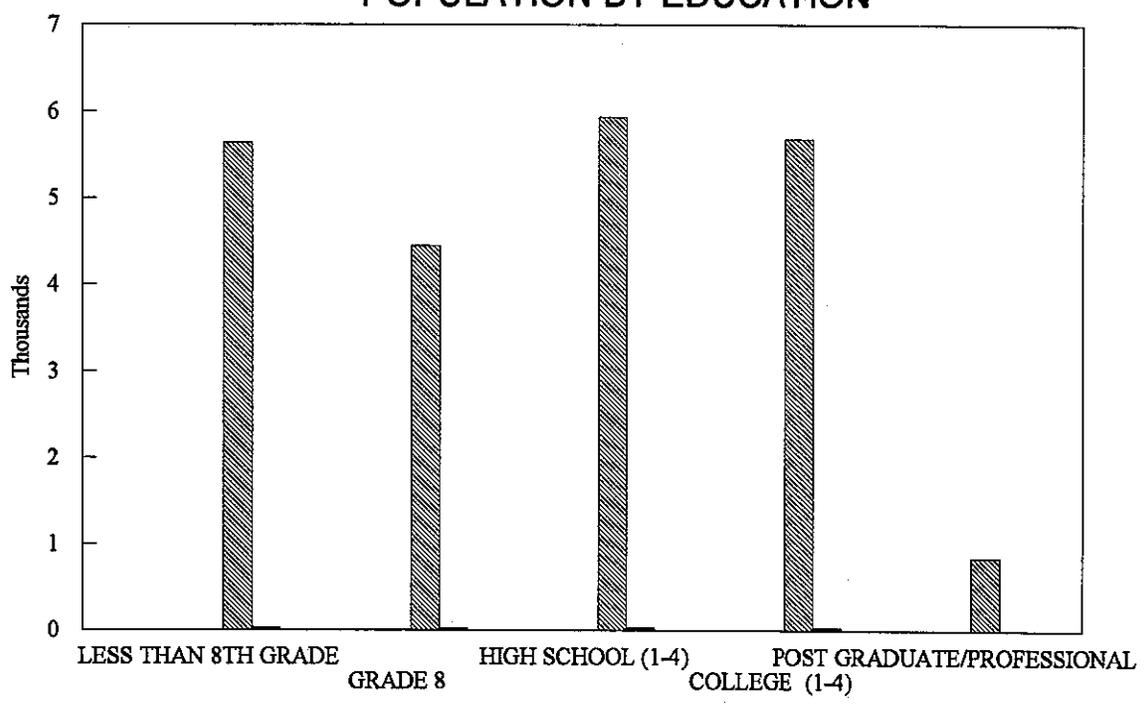
SUBJECT: DISTRIBUTION OF POPULATION BY EDUCATION

COUNTY: DYER

TABLE 1-4B

LEVEL OF EDUCATION	NO. OF PEOPLE	%
LESS THAN 8TH GRADE	5,636	25
GRADE 8	4,442	20
HIGH SCHOOL (1-4)	5,936	26
COLLEGE (1-4)	5,678	25
POST GRADUATE/PROFESSIONAL (>4)	842	4
COUNTY TOTALS	22,534	100

POPULATION BY EDUCATION



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

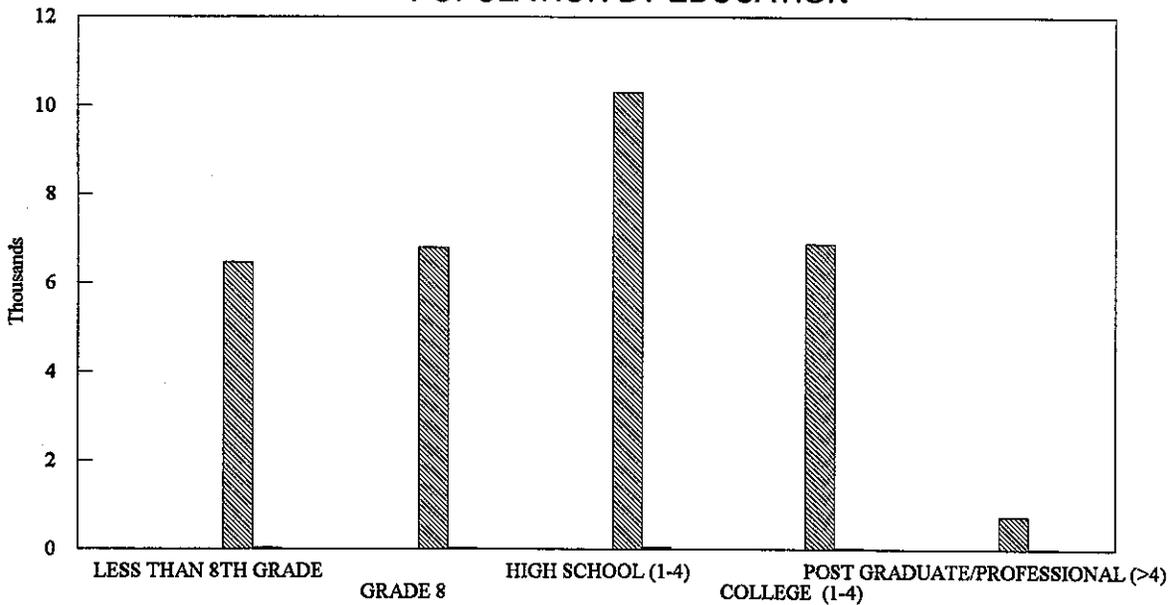
SUBJECT: DISTRIBUTION OF POPULATION BY EDUCATION

COUNTY: GIBSON

TABLE I-4C

LEVEL OF EDUCATION	NO. OF PEOPLE	%
LESS THAN 8TH GRADE	6,459	21
GRADE 8	6,796	22
HIGH SCHOOL (1-4)	10,297	33
COLLEGE (1-4)	6,887	22
POST GRADUATE/PROFESSIONAL (>4)	742	2
COUNTY TOTALS	31,181	100

POPULATION BY EDUCATION



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

SUBJECT: DISTRIBUTION BY TYPE OF HOUSING AND OCCUPANCY

COUNTY: ALL

TABLE I-5

TYPE OF HOUSING	TOTAL PERSONS	OCCUPIED	OWNER	RENTED
SINGLE FAMILY, DETACHED	78,150	78,150	61,955	16,190
SINGLE FAMILY ATTACHED	1,133	1,133	490	643
MULTI-FAMILY , 2	4,289	4,289	501	3,788
MULTI-FAMILY , 3-4	2,214	2,214	67	13,577
MULTI-FAMILY , 5-9	1,646	1,646	46	1,600
MULTI-FAMILY , 10-19	797	797	26	771
MULTI-FAMILY , 20-49	376	376	2	376
MULTI-FAMILY , 50 OR MORE	0	0	0	0
INSTITUTIONAL	1,501	1,501	-	-
MOBILE HOME / TRAILER	7,745	7,745	5,564	2,181
OTHER	897	897	586	311
REGIONAL TOTALS	98,748	98,748	69,237	39,437

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

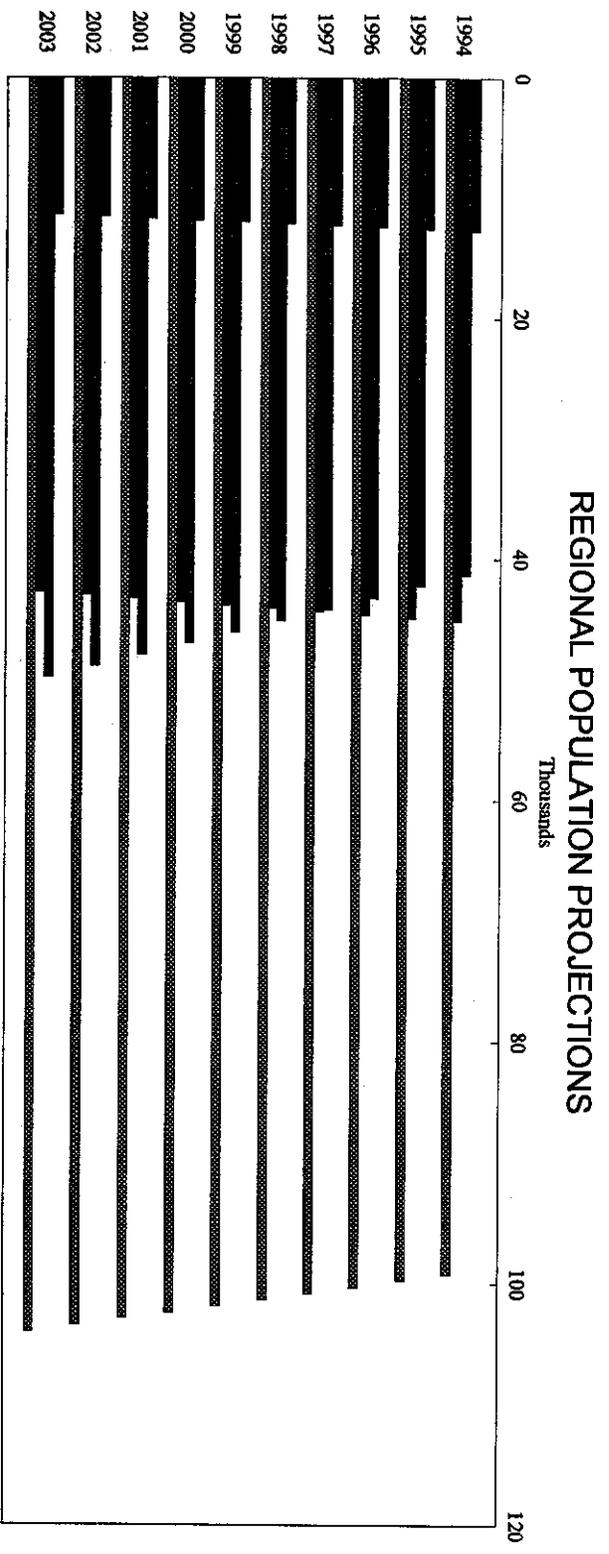
SUBJECT: REGIONAL POPULATION PROJECTIONS 1994-2003

COUNTY: ALL

REGIONAL POPULATION 1993 = 98,748

TABLE 1-6

COUNTY	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CROCKETT	12,745	12,592	12,441	12,291	12,144	11,998	11,855	11,701	11,551	11,401
DYER	41,327	42,272	43,218	44,163	45,109	46,054	47,000	47,945	48,895	49,845
GIBSON	45,189	44,912	44,637	44,364	44,092	43,823	43,557	43,285	42,985	42,735
REGIONAL TOTALS	99,261	99,776	100,296	100,818	101,345	101,875	102,412	102,981	103,451	103,981



CROCKETT
 DYER
 GIBSON
 TOTALS

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

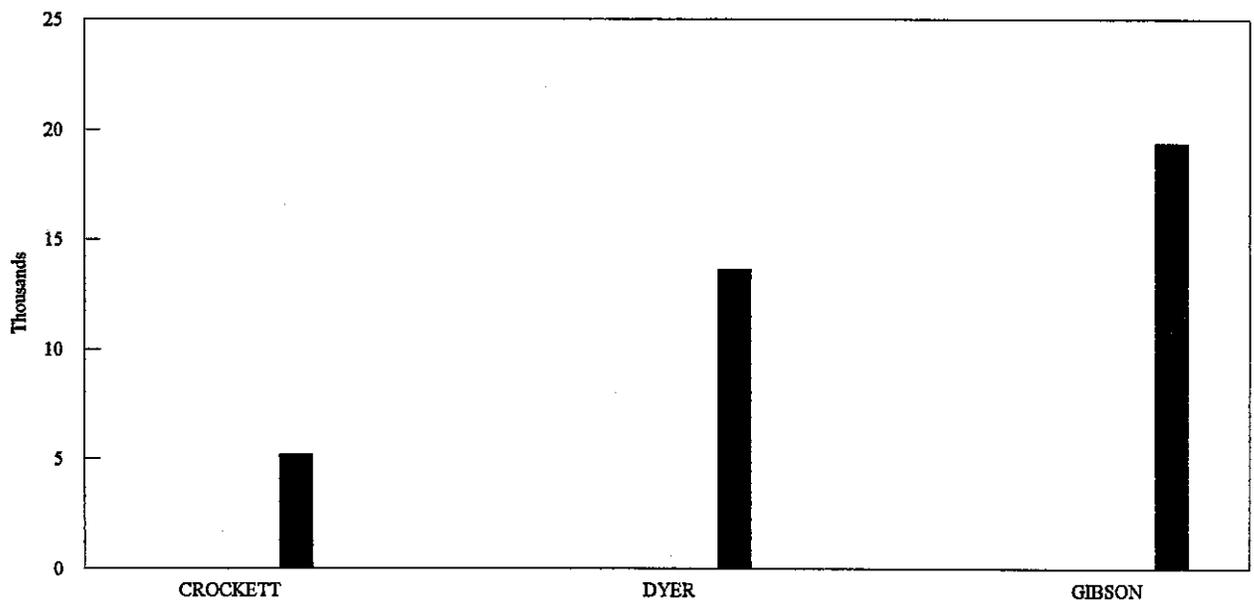
TOPIC: DEMOGRAPHICS

SUBJECT: TOTAL NUMBER OF HOUSEHOLDS IN REGION

COUNTY: ALL

TABLE I-6A

COUNTY	NUMBER OF HOUSEHOLDS
CROCKETT	5,183
DYER	13,617
GIBSON	19,361
REGION TOTALS	38,161



CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY

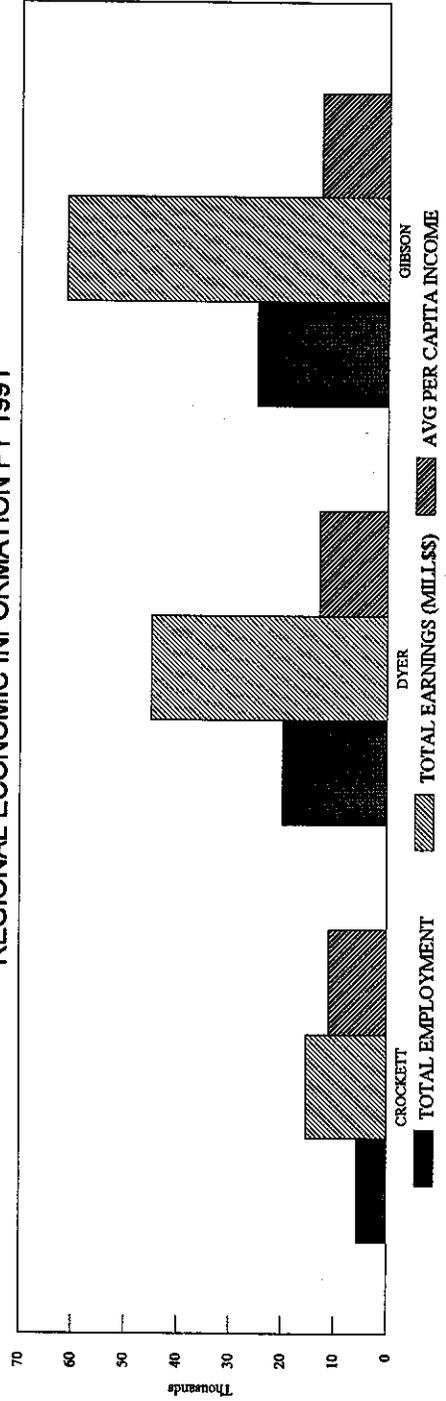
SUBJECT: BASIC ECONOMIC INFORMATION IN THE REGION FOR 1991

COUNTY: ALL

TABLE I-7

COUNTY	POPULATION	TOTAL EMPLOYMENT	TOTAL EARNINGS	AVG. PER CAPITA INCOME	% OF TN. PER CAPITA INCOME	% OF U.S. PER CAPITA INCOME	% OF POPU. BELOW THE POVERTY LINE
CROCKETT	13,216	5,676	\$154,000,000	\$11,000	79	67	17.2
DYER	38,490	19,869	\$449,000,000	\$12,942	93	78	17.0
GIBSON	46,029	24,844	\$612,000,000	\$12,686	91	77	16.0
REGIONAL TOTALS	97,735	50,389	\$1,215,000,000	\$12,176			

REGIONAL ECONOMIC INFORMATION FY 1991

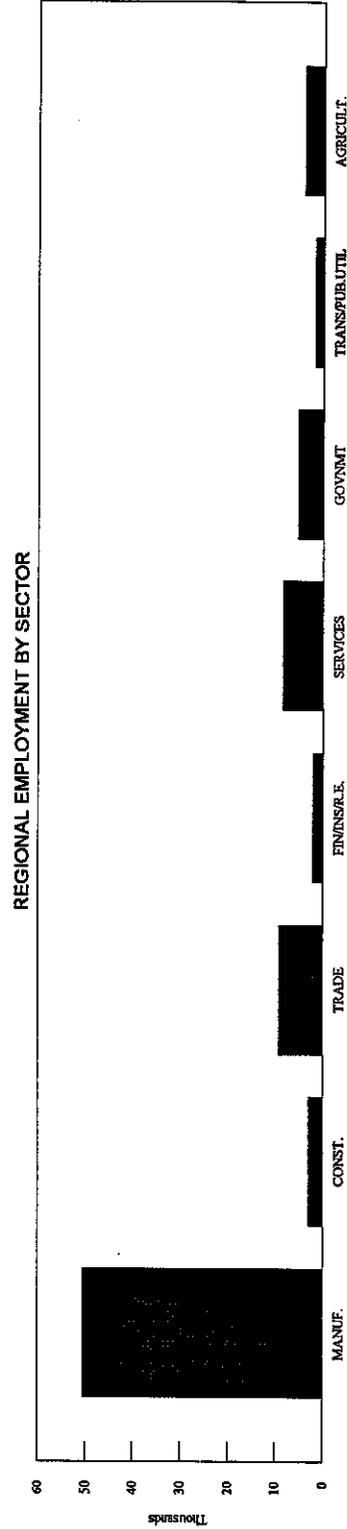


CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY
SUBJECT: REGIONAL EMPLOYMENT BY SECTORS
COUNTY: ALL

TABLE I-8, I-9

COUNTY	ECONOMIC ACTIVITY										TOTAL EMPLOYMENT
	MANUF.	CONSTR.	TRADE	FINANCE INSURANCE REAL ESTATE	SERVICES	GOVERNMENT	TRANSPORT PUBLIC UTILITIES	AGRICULT.	NON- AGRICULT. EMPLOYMENT	AGRICULT.	
CROCKETT	1,712	331	893	280	806	609	176	868	4,808	5,676	
DYER	6,482	1,257	3,836	778	3,741	2,112	466	1,198	18,671	19,869	
GIBSON	9,057	1,224	4,443	1,021	3,815	2,490	998	1,797	23,047	24,844	
REGIONAL TOTALS	17,251	2,812	9,172	2,079	8,362	5,211	1,640	3,863	46,526	50,389	



CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY

SUBJECT: SUMMARY OF INSTITUTIONS HOUSING MORE THAN 100 PERSONS

COUNTY: ALL

TABLE I-11

COUNTY	TOTAL NO. INSTITUTIONS	TOTAL # OF PERSONS	ESTIMATED QTY OF SOLID WASTE GENERATED(TPY)
CROCKETT	0		
DYER	1	1,993	2,182
GIBSON	2	259	284
REGIONAL TOTALS	3	2,252	2,466

TOPIC: ECONOMIC ACTIVITY

SUBJECT: REGIONAL SUMMARY OF MAJOR HEALTH CARE FACILITIES
(LARGER THAN 50 BEDS)

COUNTY: ALL

TABLE I-12

COUNTY	NUMBER OF FACILITIES	NUMBER OF BEDS	INFECTIOUS WASTE MANAGEMENT ONSITE / OFFSITE	TYPE TREATMENT	EST QTY OF SOLID WASTE GENERATED(TPY)
CROCKETT	2	241		BFI	780
DYER	4	428		INCINERATOR	962
GIBSON	11	1,013		INCINERATOR	557
REGIONAL TO	17	1,682			2,299

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY

SUBJECT: SOURCES OF LOCAL REVENUE UTILIZED IN THE REGION

COUNTY: ALL

TABLE I-13

COUNTY	PROPERTY TAX	RATE	LOCAL SALES TAX (COUNTY)	RATE	WHEEL TAX	RATE PER VEHICLE	WASTE COLLECTION FEE	RATE	USER FEE/ TIPPING FEE	RATE
CROCKETT	YES	\$2.29	YES	\$2.25	YES	\$25	SOME	VARIES	NO	
DYER	YES	\$1.65/CITY \$1.85/CO.	YES	\$2.25	YES	\$25	NO		NO	
GIBSON	YES	\$1.07	YES	\$2.25	YES	\$25	SOME	\$12/MO.	YES	\$25.85 / TON
REGIONAL TOTALS	UNIFORM		UNIFORM		UNIFORM		SOME		SOME	

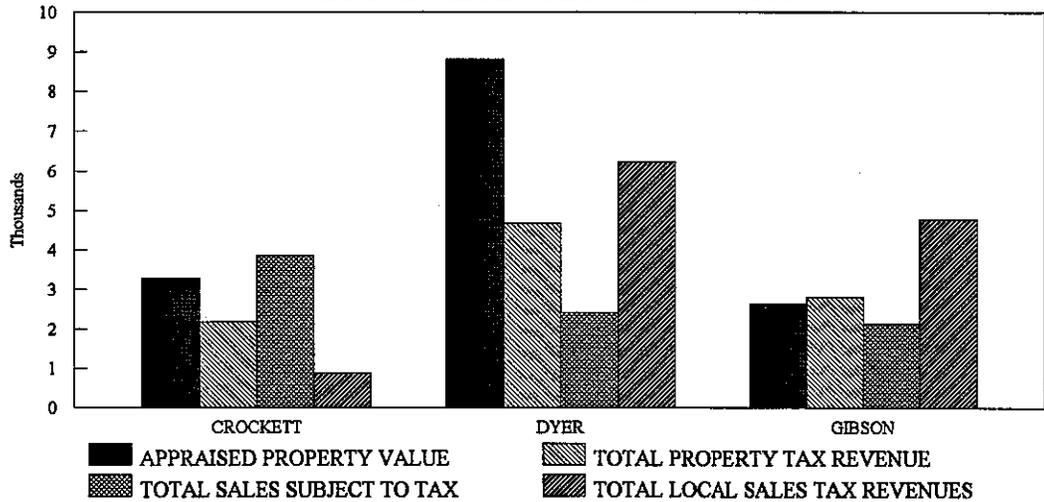
CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: ECONOMIC ACTIVITY
SUBJECT: DOLLAR VALUE OF LOCAL REVENUES FOR FY 1993
COUNTY: ALL

TABLE I-14

COUNTY	TOTAL APPRAISED PROPERTY VALUE (MILL \$)	TOTAL PROPERTY TAX REVENUE (MILL \$)	TOTAL SALES SUBJECT TO SALES TAX (MILL \$)	TOTAL LOCAL SALES TAX REVENUES (MILL \$)	NUMBER REGISTERED VEHICLES	TOTAL WHEEL TAX
CROCKETT	\$326,834	\$2,174	\$38,513	\$867	9,906	\$243,657
DYER	\$880,843	\$4,660	\$241,694	\$6,226	N/A	N/A
GIBSON	\$263,010	\$2,814	\$211,918	\$4,768	N/A	N/A
REGIONAL TOTALS	\$1,470,687	\$9,648	\$492,125	\$11,861		

LOCAL REVENUES FOR FY 1993



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DEMOGRAPHICS

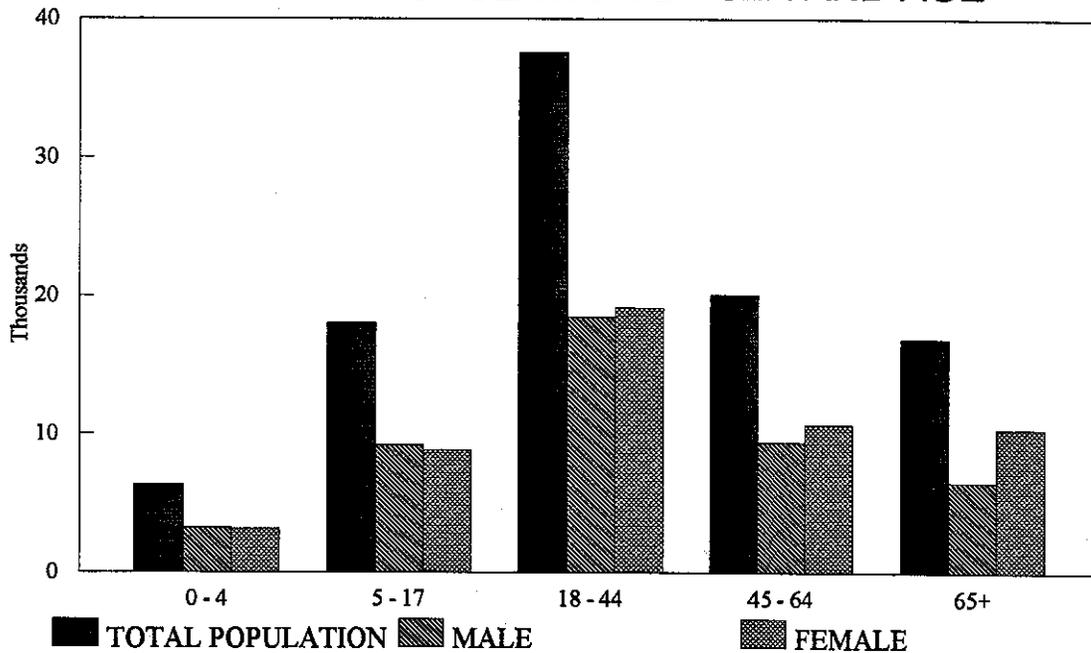
SUBJECT: REGIONAL POPULATION BY SEX AND AGE

COUNTIES: ALL

TABLE I-3

AGE	TOTAL	%	MALE	%	FEMALE	%
0-4	6,302	6	3,188	51	3,114	49
5-17	18,007	18	9,184	51	8,823	49
18-44	37,544	38	18,444	49	19,100	51
45-64	20,051	20	9,407	47	10,644	53
65+	16,844	17	6,509	39	10,335	61
TOTALS	98,748	100	46,732	48	52,016	52

COUNTY POPULATION BY SEX AND AGE



Gibson County imposes flow control in order to divert all waste in Gibson County (with the exception of Kenton) to the recycling center at Humboldt. Waste that is unable to be recycled at the center and must be transported to somewhere else is bid to local haulers and lowest bid is taken. Crockett and Dyer Counties are required to get a price for hauling waste to Humboldt to the recycling center but may option to send waste elsewhere if and only if price is not competitive.

OPTION NO. 2

DYERSBURG LANDFILL OPTS TO BE REGIONAL LANDFILL ; HUMBOLDT RECYCLING CENTER DOES NOT REOPEN.

When Dyersburg city landfill elects to become regional landfill, Dyer County can impose flow control for Dyer County. Crockett and Gibson counties are required to solicit a price for the hauling of all waste in their counties to Dyersburg landfill but may option to do otherwise if price is not competitive. If price is competitive all waste must be diverted to Dyersburg landfill through regional flow-control.

OPTION NO. 3

DYERSBURG CITY LANDFILL OPTS TO BECOME REGIONAL LANDFILL AND HUMBOLDT RECYCLING CENTER REOPENS.

Under this option Dyersburg city landfill becomes the regional landfill and Humboldt Recycling center reopens to accept all waste from Gibson County and elsewhere. Flow control is imposed for all of Dyer County to send waste to Dyersburg Landfill and likewise Gibson County imposes flow control over Gibson county to send all waste to the recycling center at Humboldt (except Kenton). Crockett County is required to get a price to send its waste to Humboldt recycling but may elect to do otherwise if the price is not competitive and if recycling efforts in the county without the use of the recycling facility at Humboldt are acceptable. Non-recyclable waste from the recycling center at Humboldt will be hauled to the Dyersburg City landfill if the price is competitive. Dyer County will set up recycling collection centers to collect recyclables to be sent to Humboldt if the price for hauling is competitive.

ALL COUNTIES IN THE REGION

Recycling and Reduction: All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items. In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

DYER COUNTY EXECUTIVE

Don Dills

**DYER COUNTY COURTHOUSE
DYERSBURG, TENNESSEE 38024**

Phone: 901-286-7800

June 17, 1994

To whom it may concern:

Mr. Ronnie Riley, County Executive for Gibson County, has acted as the financial officer for the board and we rely on his certification pursuant to TCA section 68-211-824.

Respectfully,

Don Dills
County Executive

DD:pw

DYER COUNTY EXECUTIVE

Don Dills

**DYER COUNTY COURTHOUSE
DYERSBURG, TENNESSEE 38024
Phone: 901-286-7800**

March 11, 1992

Mr. Tom Burgess
1492 Yellow Twig
Dyersburg, TN 38024

Dear Mr. ^{Tom}~~Burgess~~:

The Dyer County Legislative Body approved you to serve on the County Solid Waste Advisory Committee in its regular meeting, March 9, 1992. The term for this position will be five years.

We all want to thank you for your willingness to give of your talents and time to help us comply with the Solid Waste Act of 1991 and also to make Dyer County a better and cleaner place to live. It's people like you that make the difference.

I will be working with you from meeting to meeting and consider it a real pleasure.

Thank you again.

Sincerely,



Don Dills
County Executive

DD:pw

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR CROCKETT COUNTY

BE IT RESOLVED:

That the Crockett County Commission, meeting in regular session, March 21, 1994, at 7:00 P.M., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Sam Lewis

SECONDED BY: Phillip Lowery

VOTES FOR 21

VOTES AGAINST: 3 Absent

Bobby F. Gates
COUNTY COURT CLERK

James J. Jones
COUNTY EXECUTIVE

Attest to be a True Copy

This 29 day of Mar 1994

HOLBY F. GATES
Crockett County Clerk

Minute Book 4 page 51-52

by Shirley Simmons, C.A.

RESOLUTION # 1
SOLID WASTE MANAGEMENT PLAN FOR
GIBSON COUNTY

Com. Coy Yergin moved that the reading of the resolution be dispensed with since each member had received a copy of same prior to the meeting.

Com. Terry Carroll seconded the motion that passed by a majority of those present.

Com. Grover Potrett moved to approve said resolution.

Com. Coy Yergin seconded the motion, whereupon the Chairman called for a roll call vote, that passed with the following results.

21 For and 4 Absent

I, Diane Taylor
County Clerk of Gibson County,
Tennessee do hereby certify that
the above and foregoing is a true
and correct copy of the original,
which appears of record in my
office in Book 46

Page _____
This Day 13 1994

Diane Taylor, Clerk
Diane Taylor
D. C.

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR DYER COUNTY

BE IT RESOLVED:

That the Dyer County Commission, meeting in regular session, on April 11, 1994, at 7:00 p.m., does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to the resolution, and shall be entered into the minutes of this County Commission.

Don Dills

DON DILLS, COUNTY EXECUTIVE

Anita J. Slaughter

ANITA SLAUGHTER, COUNTY CLERK

James O. McCord

DR. JAMES O. MCCORD, CHR.

COMMISSIONER MOLLY WILLIAMS MADE A MOTION TO ACCEPT

COMMISSIONER JOE SWAFFORD SECONDED THIS MOTION.

VOTING IN FAVOR TWENTY (20)

VOTING AGAINST. --0--

*Imm. JTB
K.S.*

RESOLUTION
SOLID WASTE MANAGEMENT PLAN FOR GIBSON COUNTY

BE IT RESOLVED:

That the Gibson County Commission, meeting in regular session, May, 1994, at Trenton does hereby approve the Ten Year Solid Waste Management Plan presented by Askew, Richardson, and Hargraves. Any changes or amendments to the plan would have to be submitted before this County Commission for approval.

A description of the Solid Waste Management Plan will be attached to resolution, and shall be entered into the minutes of this County Commission.

MOTION MADE BY: Com. Grover Poteet

SECONDED BY: Com. Coy Yergin

VOTES FOR: 21

4 Absent

VOTES AGAINST: _____

I, Diane Taylor
County Clerk of Gibson County,
Tennessee do hereby certify that
the above and foregoing is a true
and correct copy of the original,
which appears of record in my
office in Minute Book 46
Page _____
This May 13 1994
Diane Taylor, Clerk
By Diane Taylor
D. C.

Diane Taylor
COUNTY COURT CLERK

Lonnie A. Kelly
COUNTY EXECUTIVE

*John Thorne
Lonnie M. Mathews
Ed. [unclear]
Curtis [unclear]
John [unclear]*

Filed April 27 1994
Diane Taylor, Clerk

By Diane Taylor D.C.

CROCKETT - DYER - GIBSON REGIONAL

SOLID-WASTE PLAN

REFERRED TO AS "THE PLAN" HEREWITH:

PLAN I.

DYERSBURG OPTS NOT TO ACCEPT REGIONAL WASTE AND RECYCLE, INC. IS NOT ON LINE.

During Phase I of the plan the counties in the region do not have the advantage of the use of the landfill at Dyersburg or the recycling center at Humboldt. Under Phase I the counties continue to use the private haulers as they are currently set-up except that the private haulers are educated about the regional goals of a 25% reduction by January 1, 1995 and plans are set up for the removal of recyclables through either source reduction in the case of industry or by using other facilities to sort the waste at some designated recycling facility. Also, diversion of yard wastes to a proper landfill is instituted by the tri-county region through the use of private haulers. Educational programs (especially for industry) are set up for the purpose of making the public aware of the need to recycle.

ALL COUNTIES IN THE REGION

Recycling and Reduction : All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items. In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick-up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

PLAN II.

SHOULD ANY OR ALL OF THE FOLLOWING OPTIONS BECOME VIABLE, THE REGIONAL SOLID WASTE BOARD WOULD THEN INITIATE THE APPROPRIATE OPTION(S) IN PHASE II OF THE PLAN

OPTION NO. 1

RECYCLE CENTER IN HUMBOLDT REOPENS BUT DYERSBURG LANDFILL OPTS NOT TO BE REGIONAL LANDFILL.

Gibson County imposes flow control in order to divert all waste in Gibson County (with the exception of Kenton) to the recycling center at Humboldt. Waste that is unable to be recycled at the center and must be transported to somewhere else is bid to local haulers and lowest bid is taken. Crockett and Dyer Counties are required to get a price for hauling waste to Humboldt to the recycling center but may option to send waste elsewhere if and only if price is not competitive.

OPTION NO. 2

DYERSBURG LANDFILL OPTS TO BE REGIONAL LANDFILL ; HUMBOLDT RECYCLING CENTER DOES NOT REOPEN.

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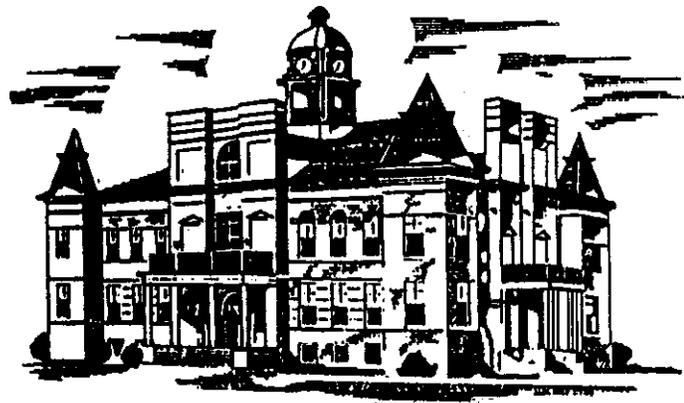
OPTION NO. 3

DYERSBURG CITY LANDFILL OPTS TO BECOME REGIONAL LANDFILL AND HUMBOLDT RECYCLING CENTER REOPENS.

Under this option Dyersburg city landfill becomes the regional landfill and Humboldt Recycling center reopens to accept all waste from Gibson County and elsewhere. Flow control is imposed for all of Dyer County to send waste to Dyersburg Landfill and likewise Gibson County imposes flow control over Gibson county to send all waste to the recycling center at Humboldt (except Kenton). Crockett County is required to get a price to send its waste to Humboldt recycling but may elect to do otherwise if the price is not competitive and if recycling efforts in the county without the use of the recycling facility at Humboldt are acceptable. Non-recyclable waste from the recycling center at Humboldt will be hauled to the Dyersburg City landfill if the price is competitive. Dyer County will set up recycling collection centers to collect recyclables to be sent to Humboldt if the price for hauling is competitive.

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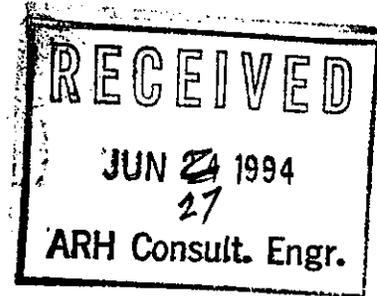
RONNIE A. RILEY
COUNTY EXECUTIVE

GIBSON COUNTY COURTHOUSE

TELEPHONE 855-7611
TRENTON, TENNESSEE 38382

June 22, 1994

Mark Askew
Askew, Richardson, Hargraves & Associates
5909 Shelby Oaks Drive, Suite 102
Memphis, Tennessee 38134



Dear Mark:

The proper list of the Gibson County representatives on the Regional Solid Waste Committee is as follows:

- * W. L. Farris Humboldt Recycling
3247 East End Dr.
Humboldt, TN 38343
901-784-2144
- * John Leonard City of Humboldt
19 Forked Oaks Lane
Humboldt, TN 38343
901-784-5576
- * Clyde Birmingham City of Trenton
316 W. 10th St.
Trenton, TN 38382
901-855-9563
- * James Stevens Small Cities
306 W. Broad
Dyer, TN 38330
901-692-3015
- * Billy D. West City of Milan
61 Gann Rd.
Milan, TN 38358
901-686-3774
- * Ernest R. Pounds County Commission
228 W. Main
Bradford, TN 38316
901-742-2960

*new list for
Gibson County*

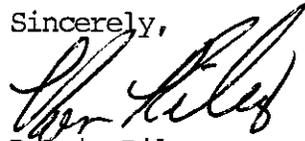
Mark Askew
June 22, 1994
Page 2

All other names that you have, need to be deleted.

John Leonard is getting me a copy of the city council minutes of Humboldt appointing himself and W. L. Farris.

I will get these changes approved by the county commission on July 11, 1994.
If other information is needed, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ronnie Riley".

Ronnie Riley
County Executive

RR/ab

**APPENDIX B: PERTINENT INFORMATION OF THE REGIONAL BOARD AND
ASSOCIATED INFORMATION**

REGIONAL BOARD MEETING
MINUTES AND NOTICES

Format that has been used through this date

**Agenda
Board of Directors Meeting
Regional Solid Waste Planning Board
Crockett, Dyer, and Gibson Counties**

Tuesday June 15, 1993

I. Establish a Quorum.

II. Reading/Approval of Minutes from the Meeting of May 18, 1993.

The minutes are unavailable from Mr. Scofield and will be read at the July 20, 1993 meeting.

III. Appointment by Chairman for Advisory Parliamentarian.

IV. Committee Reports: Mr. Bob Jones, Board Chair

Report by the Contract Steering Committee as to the status of the following:

a. Resolution for Planning Grant Application, Consulting firm contract, has been sent to Nashville. A modification to the budget of the approved planning grant funds was made at the request of the Fiscal Agent (Mr. Ronnie Riley), and by the Division of Solid Waste Assistance, Grants Management Division. (See Attached).

VII. New Business:

a. Tennessee 1991 Solid Waste Act Tape made available to the Dyer County Executive Office on June 14, 1993. On the same date Bob Jones and Molly Williams presented an update to the Dyer County Commission. As a reminder this tape is available to any Board members interested in presenting information the County and/or Municipalities they represent.

b. Askew/Hargraves/Richardson presentation:
(Please refer to their advance mail out agenda).

c. Next regularly scheduled Board meeting will be in Crockett County on July 20, 1993 at 7:00 p.m. at the County Courthouse in Alamo.

VIII. Adjournment.

**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

DATE: TUESDAY JUNE 15, 1993
TIME: 7:00 P.M.
LOCATION: CONFERENCE ROOM
ED JONES AGRICULTURAL COMPLEX
1252 MANUFACTURERS ROW
TRENTON, TENNESSEE

AGENDA

ASKEW RICHARDSON HARGRAVES PRESENTATION:

- I. HANDOUT OF PLANNING NOTEBOOKS TO EACH MEMBER**
 - A. NOTEBOOK WILL BE UPDATED EACH MONTH.
 - B. NOTEBOOKS WILL BE USED FOR FINAL SUBMITTAL OF PLAN TO EACH COUNTY.

- II. PRESENTATION**
 - A. DEMOGRAPHICS
 - B. PRESENT WASTE STREAM CHARACTERISTICS
 - C. PROJECTIONS OF WASTE GENERATION
 - D. CURRENT COLLECTION & TRANSPORTATION SYSTEMS
 - E. QUESTIONS / ANSWERS

- III. DISCUSSIONS / QUESTIONS**
 - A. BREAK INTO 3 GROUPS BY COUNTIES TO FIELD QUESTIONS FROM AN ARH REPRESENTATIVE ABOUT EACH INDIVIDUAL COUNTY.

- IV. DISCUSSION OF ASKEW RICHARDSON HARGRAVES INVOICE**

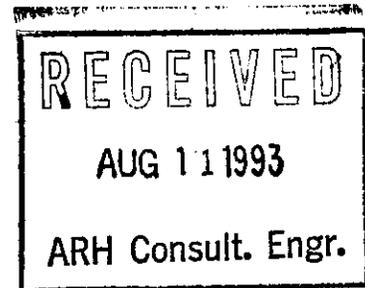
- V. CLOSE**

MINUTES OF THE CROCKETT, DYER, GIBSON COUNTIES'

REGIONAL SOLID WASTE MANAGEMENT BOARD MEETING

DATE: July 20, 1993

MEMBERS PRESENT: Robert W. Newell
James Stevens
Clyde Birmingham
Billie Don West
Tom Burgess
Tommy Green
Tony Cole
Ken Cannon



In the absence of Chairman Bob Jones a quorum of the board was established by Vice Chairman Ken Cannon. Upon the recommendation of Mr. Robert Newell, Tom Burgess was asked to act as secretary during this meeting in the absence of Grace Desnoyers.

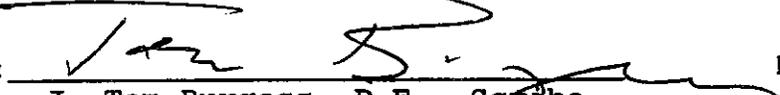
The Board dispensed with the reading of the previous month's minutes, and approved those minutes unanimously.

A memorandum dated June 5, 1993, from Carol White, Director of the State Planning Office, was distributed. Basically this letter extends the deadline for submittal of ten year regional solid waste plans from December 31, 1993 to July 1, 1994. This amazing piece of correspondence was received with surprise by everyone.

David Edwards and Wade Murphy from the Special Waste Section of the Division of Solid Waste Assistance presented a program on household hazardous waste. After the state's presentation, Mr. Robert W. Newell made a presentation on the potential liabilities of the State of Tennessee and its household hazardous waste contractors. Robert W. Newell's delivery was appreciated and applauded by all.

Judge Ron Riley of Gibson County stated that two months of invoices from Askew, Richardson, and Hargraves had been sent to the state but not yet returned. Mark Askew pointed out that even though he enjoyed working for the Solid Waste Regional Board, he would like to be paid. Total outstanding to date is approximately seventeen thousand dollars (\$ 17,000). Hargraves and Askew next made a presentation to the board with a special emphasis to solid waste flows in the region, the major point being that within the next three years the number of landfills operating in the region will most likely be reduced to two (City of Dyersburg and Kirk's Landfill in Dyer County). Each of those landfills currently operate at approximately eighty (80) tons per day which is not adequate for cost efficient operation under Subtitle D. It was

suggested by Vice Chairman Kenneth Cannon that some types of flow controls might be necessary in order to maintain independence of the solid waste region. It was pointed out by Judge Ron Riley of Gibson County that flow controls would require a change of thinking within the region from the present contracting system whereby every local government acts independently to a more cooperative effort from all cities within the region. There being no further business the meeting closed at approximately 9:45 p.m.

SIGNED: 

J. Tom Burgess, P.E., Scribe

DATE: July 22, 1993

NOTE: The next meeting of the Crockett, Dyer, Gibson County Solid Waste Management Board will be August 17, 1993, at the Dyer County Courthouse, at 7:00 p.m.

CPG
REGIONAL SOLID WASTE PLANNING BOARD

~~17 AUGUST 1993~~

MEMBERS PRESENT: Dyer County-Bob Jones, Molly Williams, Grace Desnoyers, Tom Burgess, Jim Stark, Steve Schofield. Crockett County-Tommy Green. Gibson County-Billie West, Keith Schuler (replacing Herman Newell), James Stevens.

Guests: Bill Bethel, Mike Stooksberry, Jim Jerman, Ronny Boswell, Kathy Krone, Tim Buckley, Mark Askew and Ed Hargraves.

The Regional Solid Waste Planning Board met on Tuesday, August 17, 1993 at the Office on Aging in Dyersburg. Chairman Bob Jones called the meeting to order at 7:20 pm. Minutes of the July meeting were read and approved.

It was announced that the next meeting will be held in September 21 at 6 pm at the Rendezvous in Memphis. Reservations should be made by calling Donna Miller at Askew Richardson Hargraves. The October meeting will be held on the 19th at the Agriculture Museum in Milan.

Chairman Bob Jones stated that the planning grant is progressing according to plan.

Mark Askew reported contact last week with the state on the status of their invoices. They have been approved and payment can be expected within three weeks.

Bob Jones announced that the National Recycling Coalition is holding a conference in Nashville on October 14-16. He reminded members that money is available for attending conferences. Tom Burgess advised members that a joint

meeting of the Tennessee Chapter of the Public Works Association and Solid Waste Association of North America is being held in Memphis on October 22-24th.

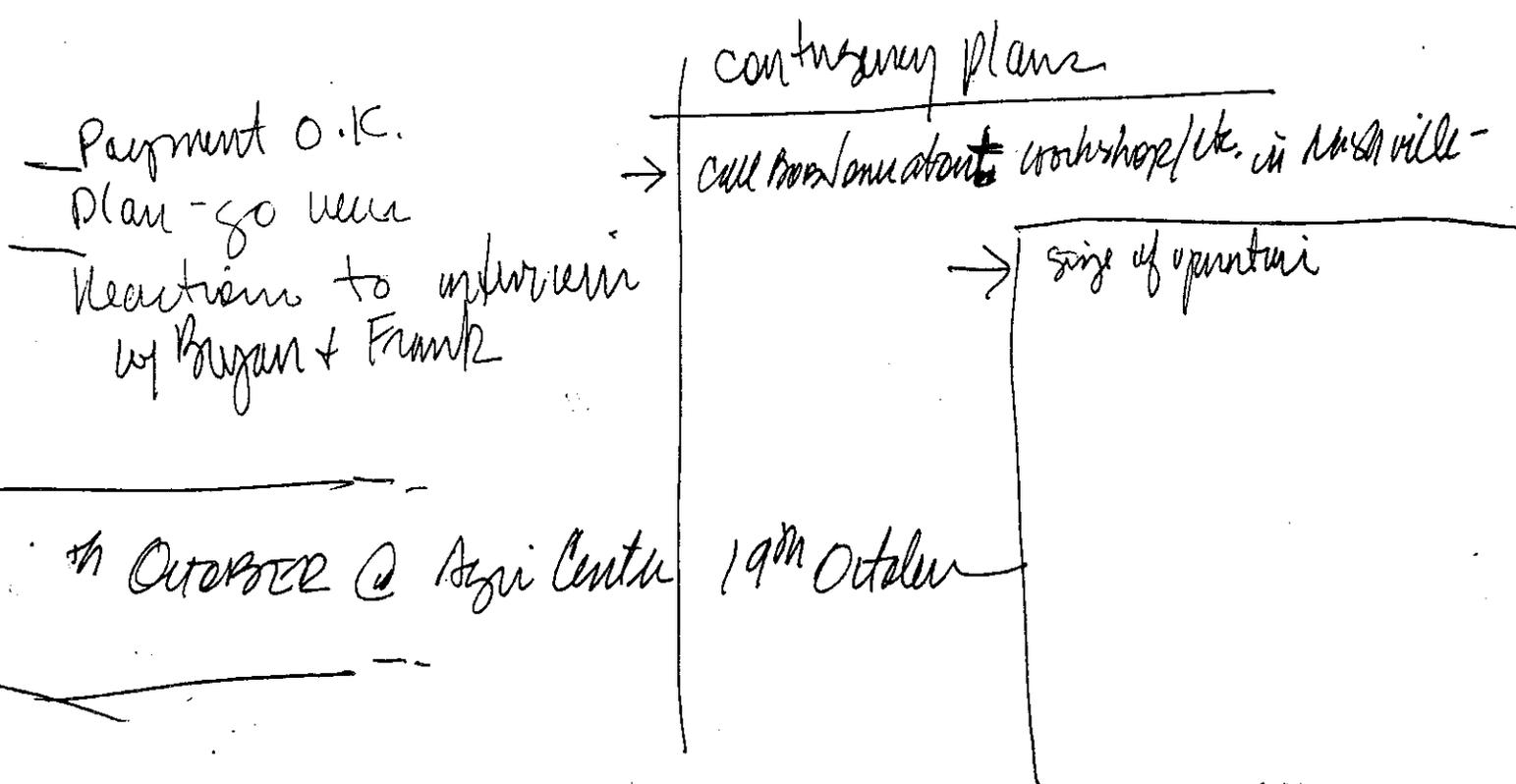
Jim Jerman announced that the Mobil Recycling Van will be in Alamo on September 22-23.

Mark Askew, representing Askew Richardson Hargraves, presented their preliminary plan for the region. It includes maintaining two Subtitle D landfills, Dyersburg and Kirk's, two Class 3/4 landfills in Milan and Humboldt, restricting the flow of solid waste out of the region for the purpose of increasing efficiency of the regional landfills, expanding the recycling center in Humboldt and establishing recycling substations in Dyer and Gibson Counties. On motion by Tommy Green, the vote was unanimous to accept the preliminary plan as presented.

Bob Jones reminded members to record mileage for travel reimbursement. Payment will be retroactive til February.

The meeting was adjourned at 8:35 pm on motion by Tommy Green.

Grace D. Desnoyers



**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

HOST: GIBSON COUNTY

**DATE: JANUARY 25, 1994
6:30 P.M.**

**LOCATION: GIBSON COUNTY COURTHOUSE
GENERAL SESSIONS COURTROOM
TRENTON, TENNESSEE**

AGENDA

- I. Election of new officers for 1994.**
- II. Final description and recommendations as to how each county (both independently and as a cooperative region) can establish the means and methods of reducing the 25% per county and/or region,**
- III. Establish the general costs to be considered for implementing the 25% reduction goal methods,**
- IV. Deciding the best and most efficient/expedient means to establish and/or expand any existing markets for reduction goals,**

A presentation by the solid waste consultants (Mr. Mark Askew and Mr. Ed Hargraves of ASKEW RICHARDSON HARGRAVES & ASSOCIATES) will incorporate all of the above.

At the conclusion of the January meeting, the final draft recommendations of the Board should be complete. Notebooks should be completed through this date and mailed to all Board Members as soon as possible.

Additionally, please review the following proposed time frame for the completion of our planning:

FEBRUARY 1994

Board meets 2/15/94 in Crockett County. Proposed government meetings should be brought to this meeting for the Board to record and approve a schedule of plan presentations. After this meeting, Board Representatives present final draft plan to the government entities they represent. Feedback must be provided from these meetings to Board Chair, and ARH (Askew Richardson Hargraves & Associates) for inclusion in the final draft.

A Schedule of Public Hearings must be proposed and approved with complete information as to time, location and resources needed.

MARCH 1994

Board meets 3/15/94 in Dyer County. Ideally, all Board Members should have completed a pre-determined schedule of government officials meetings. Feedback from meetings are to be incorporated into the final draft to present to the public. Schedule of Public Hearings implemented after this meeting. Immediate feedback from the public hearings required to incorporate into the plan. Members should contact the Board Chair and ARH to place information into the formal plan notebooks.

APRIL 1994

Board meets 4/19/94 in Gibson County. Plan should be finalized to submit to the State of Tennessee. Board approves final plan.

MAY 1994

Board meets in Crockett County. Ideally, the State will have approved our plan. If the plan is approved, then the Counties should begin preparing for implementation dates in July, 1994. If the plan is returned from the State requiring modifications, then the Board will utilize the remaining time to make necessary modifications, re-submit the plan, and other actions as appropriate.

JUNE 1994

Board meets in Dyer County. Plan receives final discussion from State approval. Implementation phases begin according to State Law requirements.

Thank you for your time and assistance.

**CROCKETT-DYER-GIBSON COUNTIES REGIONAL
SOLID-WASTE MANAGEMENT MINUTES
1-25-94 MEETING**

The CDG Solid Waste Management Committee met on Tuesday, January 25, 1994 with 24 present.

New officers for the 1994 year were elected as follows:

Chairman	Steve Scofield
Vice-Chairman	Bob (Robert) Newell
Secretary	Cindy (Cynthia) Mitchell

After election of the new officers Chairman Steve Scofield presided over the meeting. In general discussion it was mentioned that there are two landfills in Dyer County that could fit into the solid-waste program: (1) The Dyersburg Landfill and (2) the Jere Kirk Landfill.

Mr. Kirk presented to the board an offer to sell his landfill to the Board with a price of \$3 million. The Committee asked Mr. Mark Askew and Mr. Ed Hargraves of Askew Richardson Hargraves & Associates to look at the Dyersburg Landfill and buying Jere Kirk's landfill.

A motion was made and seconded that Tom Burgess, a member of the Solid-Waste Committee, Askew and Hargraves meet with the Dyersburg Board to discuss the use of the Dyersburg Landfill in this project.

A motion was also made and seconded that Ken Cannon and John Leonard, members of the Solid-Waste Committee, Askew and Hargraves meet with the Humboldt City Board and the Gibson County Board about the use of the Humboldt Recycling Center in this project.

For your information:

Joan Bell with Clark, Boardman, Callaghan at 1-800-222-8353, with office located in Manhattan called about new and updated (1994) books that are for sale on solid-waste management.

# State & Local Government Solid Waste Management	\$120.00
# State & Environment Law	\$135.00
# The Clean Air Handbook	\$110.00
# The Law of Solid Waste (Deals with federal law)	\$135.00
Medical Waste (done by state)	\$135.00
#Environment Spill & Reporting Manual	\$135.00

The books (all or one) will be sent on 30 day review and will receive 20-30% discounts for multiple purchases.

**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

HOST: CROCKETT COUNTY
DATE: FEBRUARY 15, 1994
TIME: 6:00 P.M.
**LOCATION: CROCKETT COUNTY COURTHOUSE
ALAMO, TENNESSEE**

AGENDA

ASKEW RICHARDSON HARGRAVES PRESENTATION:

1. Please note new time
2. Update from Consultant concerning discussions with Dyersburg Officials
3. Discussions from the Floor concerning proposed System Structure
4. Close

THE REGIONAL SOLID WASTE PLANNING BOARD FOR
CROCKETT, DYER AND GIBSON COUNTIES

AGENDA

1. Receive reports from Gibson and Dyer County Representatives concerning utilization of Humboldt Recycling and Dyersburg Landfill as part of Solid Waste Management Plan to be recommended with respect to the flow control components of the proposed plan.
2. Consider application for State grants for purchase of recycling equipment and convenience centers.
3. Final description and recommendations as to how each county is to reach the goal of reducing its solid waste by the 25% required by the State.
4. Establish the general costs to be considered for implementing the 25% reduction goal.
5. Plan a schedule of presentations to the respective governmental bodies.
6. Plan a schedule of public hearings to meet the education requirements of the Tennessee Solid Waste Management Act of 1991.
7. Presentation by Askew Richardson Hargraves and Associates with recommendation.
8. Such further action as comes before the Board in connection with the recommendations of Askew Richardson Hargraves and the submittal of the "Plan".

**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

HOST: DYER COUNTY

DATE: MARCH 15, 1994

TIME: 6:30 P.M.

**LOCATION: DYER COUNTY CIRCUIT COURTROOM
DYER COUNTY COURTHOUSE
DYERSBURG, TENNESSEE**

AGENDA

1. Receive reports from Gibson and Dyer County Representatives concerning utilization of Humboldt Recycling and Dyersburg Landfill as part of Solid Waste Management Plan to be recommended with respect to the flow control components of the proposed plan.
2. Consider application for State grants for purchase of recycling equipment and convenience centers.
3. Final description and recommendations as to how each county is to reach the goal of reducing it's solid waste by the 25% required by the state.
4. Establish the general costs to be considered for implementing the 25% reduction goal.
5. Plan a schedule of presentations to the respective governmental bodies.
6. Plan a schedule of public hearings to meet the education requirements of the Tennessee Solid Waste Management Act of 1991.
7. Presentation by ASKEW RICHARDSON HARGRAVES & ASSOCIATES with recommendation.
8. Such further action as comes before the board in connection with the recommendations of ASKEW RICHARDSON HARGRAVES & ASSOCIATES and the submittal of the "Plan".

**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

HOST: CROCKETT COUNTY
DATE: MAY 17, 1994
TIME: 6:30 P.M.
**LOCATION: CROCKETT COUNTY COURTHOUSE
ALAMO, TENNESSEE**

AGENDA

1. Setting dates for Public Hearings
2. Finalization of Report to be submitted no later than July 1, 1994
3. Update on Grant Information
4. Update on Local Government Approvals.

1. Milan has received approval of
Class I and class IV landfill.

3.

2. Commission Reclamation Incorporation

**CROCKETT-DYER-GIBSON COUNTIES
REGIONAL SOLID-WASTE MANAGEMENT
PLANNING BOARD**

MONTHLY MEETING

HOST: CROCKETT COUNTY

DATE: JUNE 21, 1994

**TIME: 6:00 P.M. - CROCKETT COUNTY PUBLIC HEARING
7:00 P.M. - REGULAR MONTHLY CDG MEETING**

**LOCATION: CROCKETT COUNTY COURTHOUSE
ALAMO, TENNESSEE**

AGENDA

- 1. Public Hearing - CROCKETT COUNTY**
- 2. Finalization of Report to be submitted no later than July 1, 1994**
- 3. Update on Grant Information**
- 4. Update on Local Government Approvals.**

CROCKETT COUNTY COMMISSION
MARCH 21, 1994
7:00P.M.

1. Invocation
2. Pledge
3. Roll Call
4. Approve Minutes
5. Approve Notaries
6. Approve Bonds
7. Declare 1980 Ford Van of Rescue Squad surplus property
8. Approve Parks and Recreation Committee
9. Public Hearing- Askew, Richardson and Hargraves
(Regional Solid Waste Plan)
10. Other Business

**DYER COUNTY PERTINENT
SOLID WASTE INFORMATION**

80' turn
at 24" per turn
5 days a week
monthly average -

CHARGES AT CITY OF DYERSBURG

SANITARY LANDELL

MAY 1993

Does not
include
Colonial Rubber
~~Beckert~~
Beckert Stee
XX Beckert Stee

PRIVATE CHARGES

BENTHAL CONSTRUCTION	\$ 24.00
DYER CO. BOARD OF EDUCATION	\$ 24.00
DYER CO. HUMANE SOCIETY	\$ 20.00
DYERSBURG CITY SCHOOLS	\$ 24.00
DYERSBURG HOUSING AUTHORITY	\$ 310.00
DYERSBURG PALLET	\$ 154.18
ERMCO	\$ 589.44
FIRST CITIZENS	\$ 30.00
FORCUM LANNOM & ASSOCIATES	\$ 36.00
FORCUM LANNOM BLDG. MATERIALS	\$ 156.00
HANKS, BOBBY	\$ 17.00
HARRISON, GUY CONST.	\$ 96.00
HECO	\$ 1136.64
P & P MOWING CO.	\$ 72.00
RIGGS SUPPLY	\$ 5.00
THURMOND, R.C. LUMBER CO.	\$ 27.84

=====

CASH COLLECTIONS:

MAY 17, 1993	\$ 207.00
MAY 24, 1993	\$ 141.00

24⁰⁰ per Ton

PRIVATE CHARGES AT THE CITY OF DYERSBURG LANDFILL

BENTAL CONSTRUCTION 2071 BEVERLY DRIVE DYERSBURG, TN 38024	1 TKT. @ \$ 24.00	\$ 24.00
DYER CO. BOARD OF EDUCATION 150 EVERETT DYERSBURG, TN 38024	1 TKT. @ 24.00	\$ 24.00
DYER CO. HUMANE SOCIETY P.O. BOX 223 DYERSBURG, TN 38025-0223	4 TKTS. @ 5.00	\$ 20.00
DYERSBURG CITY SCHOOLS 1025 PHILLIPS ST. DYERSBURG, TN 38024	1 TKT. @ 24.00	\$ 24.00
DYERSBURG HOUSING AUTHORITY P.O. BOX 824 DYERSBURG, TN 38025-0824	1 TKT. @ 5.00 7 TKTS. @ 12.00 9 TKTS. @ 24.00 5 TIRES @ 1.00	\$ 310.00
DYERSBURG PALLET P.O. BOX 1964 DYERSBURG, TN 38025-1964	1 TKT. @ 17.92 1 TKT. @ 20.27 1 TKT. @ 21.52 1 TKT. @ 22.24 1 TKT. @ 23.89 1 TKT. @ 24.16 1 TKT. @ 24.18	\$ 154.18
ERMCO P.O. BOX 1228 DYERSBURG, TN 38025-1228	1 TKT. @ 29.04 1 TKT. @ 32.88 1 TKT. @ 36.00 3 TKTS. @ 36.48 1 TKT. @ 39.84 1 TKT. @ 41.28 1 TKT. @ 41.52 1 TKT. @ 42.24 1 TKT. @ 42.72 1 TKT. @ 43.68 1 TKT. @ 44.40 1 TKT. @ 47.04	\$ 589.44
FIRST CITIZENS 117 CHURCH DYERSBURG, TN 38024	6 TKTS. @ 5.00	\$ 30.00
FORCUM LANNOM & ASSOCIATES 350 JERE FORD MEMORIAL HWY. DYERSBURG, TN 38024	1 TKT. @ 12.00 1 TKT. @ 24.00	\$ 36.00

FORCUM LANNOM BLDG. MATERIALS P.O. BOX 1466 DYERSBURG, TN 38025-1466	1 TKT. @ 2 TKTS. @ 2 TKTS. @	12.00 24.00 48.00	\$ 156.00
HANKS, BOBBY 716 TIBBS DYERSBURG, TN 38024	1 TKT. @ 1 TKT. @	5.00 12.00	\$ 17.00
HARRISON, GUY CONST. P.O. BOX 677 MILAN, TN 38358	4 TKTS. @	24.00	\$ 96.00
HECKETHORN MFG. CO. P.O. BOX 310 DYERSBURG, TN 38025-0310	8 TKTS. @	142.08	\$ 1136.64
P & P MOWING CO. 61 THORNFIELD DR. BELLS, TN 38006	3 TKTS. @	24.00	\$ 72.00
RIGGS SUPPLY 305 HWY. 51 BY-PASS DYERSBURG, TN 38024	1 TKT. @	5.00	\$ 5.00
THURMOND, R.C. LUMBER CO. 1503 PHILLIPS DYERSBURG, TN 38024	1 TKT. @	27.84	\$ 27.84

TOTAL REVENUES FOR MAY 1993 — \$ 5,792.20

Yearly Annual Revenue (Estimated) = ^{x12} \$ 69,506.40

See Accounting (Actual) for year 1993
attached = Revenue @ Disposal of 5,381.45

*FROM FRANK ROARK
CITY OF DYERSBURG*

**CITY OF DYERSBURG, TENNESSEE
SOLID WASTE MANAGEMENT FUND
1993-94 ANNUAL BUDGET**

REVENUES

DEPT OPERATING REVENUES
CODE SEE BELOW

ACCT	DESCRIPTION	1991-92	1992-93		1993-94		
		ACTUAL	BUDGET	ACTUAL 3/31/93	ESTIMATED 6/30/93	ESTIMATED	BUDGET
34410	REFUSE CAN COLLECTION CHARGES	544,275	473,000	376,450	501,933	498,000	498,000
34405	REFUSE DUMPSTER COLLECTION CHARGES		278,000	203,248	270,997	286,800	286,800
34420	REFUSE DISPOSAL CHARGES	38,145	30,000	25,253	33,671	30,000	30,000
36410	TRANSFERS FROM OTHER FUNDS	0	384,800	384,800	384,800	366,056	381,210
37799	MISCELLANEOUS	0	0	365	487	200	200
37910	INTEREST EARNINGS	0	0	784	1,045	1,000	1,000
TOTAL OPERATING REVENUES		582,420	1,165,800	990,900	1,192,933	1,182,056	1,197,210

CITY OF DYERSBURG, TENNESSEE
SOLID WASTE MANAGEMENT FUND
1993-94 ANNUAL BUDGET

EXPENDITURES

DEPT EXPENDITURES
CODE SEE BELOW

ACCT	DESCRIPTION	1991-92		1992-93		1993-94	
		ACTUAL	BUDGET	ACTUAL 3/31/93	ESTIMATED 6/30/93	REQUEST	BUDGET
52710	SANITATION ADMINISTRATION	37,344	132,550	95,503	134,137	238,620	240,300
52713	RESIDENTIAL COLLECTION	702,531	552,440	325,742	466,323	515,837	525,500
52715	DUMPSTER SERVICES	0	229,828	143,291	178,388	187,420	189,600
52717	WASTE DISPOSAL	147,841	225,710	122,385	204,180	229,179	230,700
52120	NONOPERATING EXPENSES	0	10,200	8,344	8,344	11,000	11,000
TOTAL EXPENDITURES		887,716	1,150,728	695,265	991,372	1,182,056	1,197,200

CITY OF DYERSBURG, TENNESSEE
SOLID WASTE MANAGEMENT FUND
1993-94 ANNUAL BUDGET

EXPENDITURES

DEPT SANITATION ADMINISTRATION
CODE 52710

ACCT	DESCRIPTION	1991-92 ACTUAL	1992-93		1993-94		
			BUDGET	ACTUAL 3/31/93	ESTIMATED 6/30/93	REQUEST	BUDGET
111	SALARIES	0	52,000	38,105	50,807	51,850	53,400
141	PAYROLL TAXES	0	4,000	2,915	3,887	3,970	4,100
142	HOSPITAL & HEALTH INSURANCE	0	1,650	3,698	4,928	5,500	5,500
147	UNEMPLOYMENT INSURANCE	0	1,000	504	672	1,000	1,000
250	PROFESSIONAL SERVICES	242	500	0	500	2,500	2,500
280	TRAVEL	210	300	25	33	300	300
282	AUTOMOBILE ALLOWANCE	4,200	4,200	3,150	4,200	4,200	4,200
320	OPERATING SUPPLIES	0	2,000	1,345	1,793	2,000	2,000
328	CLOTHING & UNIFORMS	0	600	442	589	600	600
330	REPAIR & MAINTENANCE	0	2,000	1,221	1,628	2,000	2,000
510	INSURANCE	32,692	59,300	44,100	58,800	62,000	62,000
530	JOINT EXPENSE	0	0	0	0	96,400	96,400
540	DEPRECIATION	0	0	0	1,300	1,300	1,300
741	BAD DEBT EXPENSE	0	5,000	0	5,000	5,000	5,000
TOTAL SANITATION ADMINISTRATION		37,344	132,550	95,503	134,137	238,620	240,300

CITY OF DYERSBURG
WORKSHEET 1993-94 ANNUAL BUDGET
PAYROLL COSTS

DEPT NAME SOLID WASTE MGMT. ADMINISTRATION
DEPT NUMBER 52710-111

NAME	POSITION	DATE OF LAST INCREASE	3/12/93			7/1/93-6/30/94		
			HOURLY	WEEKLY	ANNUAL	REQUEST	RECOMME: DATION	
Frank Roark	Superintendent	7/1/92	14.9500	598.19	31,105.88	31,105.88	32,039.	
Tony Childress	Asst. Superintendent	7/1/92	9.9700	398.80	20,737.60	20,737.60	21,359	
TOTALS						51,843.48	51,843.48	53,398

NOTE: Budget Recommendation includes a 3% improvement in overall salaries.

CITY OF DYERSBURG
 WORKSHEET 1993-94 ANNUAL BUDGET
 HEALTH INSURANCE COSTS

DEPT NAME SOLID WASTE MANAGEMENT ADMINISTRATION
 DEPT NUMBER 52710-142

NAME	POSITION	MONTHLY PAYMENTS AS OF 4/30/93			4/30/93	7/1/93-6/30/94	
		EMPLOYEE	DEPENDENT	TOTAL	PAYMENTS ANNUALIZED	REQUEST	RECOMMENDATION
Frank Roark	Dept. Supervisor	138.00		138.00	1,656.00	1,821.60	1,821.6
Tony Childress	Asst. Supervisor	138.00	137.50	275.50	3,306.00	3,636.60	3,636.6
TOTALS		276.00	137.50	413.50	4,962.00	5,458.20	5,458.2

NOTE: Insurance costs increased 10% from the previous year.

CITY OF DYERSBURG
WORKSHEET 1993-94 ANNUAL BUDGET
PAYROLL COSTS

DEPT NAME RESIDENTIAL SERVICE
DEPT NUMBER 52713-111

NAME	POSITION	DATE OF LAST INCREASE	3/12/93			7/1/93-6/30/94		
			HOURLY	WEEKLY	ANNUAL	REQUEST	RECOMMEN- DATION	
Ethridge Armstrong	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Bobby Bane	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Gilliam Bates	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Howard Benge	Crew Driver	7/1/92	7.9600	318.40	16,556.80	16,556.80	17,053.	
Luther Brown	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Tommy Capps	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Robert Hawks	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Carl Haynes	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Rickey Hutching	Crew Leader	7/1/92	7.9600	318.40	16,556.80	16,556.80	17,053.	
James Lyons	Crew Driver	7/1/92	7.9600	318.40	16,556.80	16,556.80	17,053.	
Kenneth Moody	Crew Driver	7/1/92	7.9600	318.40	16,556.80	16,556.80	17,053.	
Coy Tate	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Sherman Taylor	Dumpster Driver Helper	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Harold Thurmond	Utility Operator	7/1/92	8.9000	178.00	9,256.00	9,256.00	9,533.	
Bo Tilley	Collector		7.1400	285.60	14,851.20	14,851.20	15,296.	
Corinthians Walker	Collector		7.1400	285.60	14,851.20	14,851.20	15,296.	
Ernest West	Crew Driver	7/1/92	7.9600	318.40	16,556.80	16,556.80	17,053.	
David Wicker	Collector	7/1/92	7.1400	285.60	14,851.20	14,851.20	15,296.	
Daniel Wilson	Collector		7.1400	285.60	14,851.20	14,851.20	15,296.	
Vacant (Hein)	Collector		7.1400	285.60	14,851.20	14,851.20	15,296.	
TOTALS						299,956.80	299,956.80	308,955.

NOTE: Budget Recommendation includes a 3% improvement in overall salaries.

CITY OF DYERSBURG
WORKSHEET 1993-94 ANNUAL BUDGET
HEALTH INSURANCE COSTS

DEPT NAME RESIDENTIAL SERVICE
DEPT NUMBER 52713-142

NAME	POSITION	MONTHLY PAYMENTS AS OF 4/30/93			4/30/93	7/1/93-6/30/94	
		EMPLOYEE	DEPENDENT	TOTAL	PAYMENTS ANNUALIZED	REQUEST	RECOMMEN DATION
Ethridge Armstrong	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Bobby Bane	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Gilliam Bates	Collector	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
Howard Benge	Crew Driver	138.00		138.00	1,656.00	1,821.60	1,821.60
Luther Brown	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Tommy Capps	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Robert Hawks	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Carl Haynes	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Rickey Hutching	Crew Leader	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
James Lyons	Crew Driver	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
Kenneth Moody	Crew Driver	138.00		138.00	1,656.00	1,821.60	1,821.60
Coy Tate	Collector	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
Sherman Taylor	Dumpster Dr Helper	138.00		138.00	1,656.00	1,821.60	1,821.60
Harold Thurmond	Utility Operator	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
Bo Tilley	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Corinthians Walker	Collector	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
Ernest West	Crew Driver	138.00		138.00	1,656.00	1,821.60	1,821.60
David Wicker	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Daniel Wilson	Collector	138.00		138.00	1,656.00	1,821.60	1,821.60
Vacant	Collector	138.00	137.50	275.50	3,306.00	3,636.60	3,636.60
TOTALS		<u>2,760.00</u>	<u>962.50</u>	<u>3,722.50</u>	<u>44,670.00</u>	<u>49,137.00</u>	<u>49,137.00</u>

NOTE: Insurance costs increased 10% from the previous year.

CITY OF DYERSBURG, TENNESSEE
SOLID WASTE MANAGEMENT FUND
1993-94 ANNUAL BUDGET

EXPENDITURES

DEPT DUMPSTER SERVICES
CODE 52715

ACCT	DESCRIPTION	1991-92 ACTUAL	1992-93		1993-94			
			BUDGET	ACTUAL 3/31/93	ESTIMATED 6/30/93	REQUEST	BUDGET	
111	SALARIES		64,000	46,970	62,627	64,550	66,500	
112	SALARIES - OVERTIME		10,000	7,252	9,669	10,000	10,000	
141	PAYROLL TAXES		5,700	4,087	5,449	5,710	5,860	
142	HOSPITAL & HEALTH INSURANCE		6,800	5,070	6,780	9,200	9,200	
312	SMALL ITEMS OF EQUIPMENT		500	340	453	500	500	
320	OPERATING SUPPLIES		300	188	251	251	300	
328	CLOTHING & UNIFORMS		800	532	709	709	800	
330	REPAIRS & MAINTENANCE		45,000	29,252	39,003	40,000	40,000	
331	GAS & OIL		11,500	8,600	11,487	11,500	11,500	
540	DEPRECIATION		59,300	0	42,000	45,000	45,000	
900	CAPITAL OUTLAY		25,928	41,000	0	0	0	
TOTAL DUMPSTER SERVICES			<u>0</u>	<u>229,828</u>	<u>143,291</u>	<u>178,388</u>	<u>187,420</u>	<u>189,660</u>

CITY OF DYERSBURG
 WORKSHEET 1993-94 ANNUAL BUDGET
 PAYROLL COSTS

DEPT NAME DUMPSTER SERVICE
 DEPT NUMBER 52715-111

NAME	POSITION	DATE OF LAST INCREASE	3/12/93			7/1/93-6/30/94	
			HOURLY	WEEKLY	ANNUAL	REQUEST	RECOMMEN DATION
Bobby Dykes	Dumpster Driver	11/2/92	8.8600	354.40	18,428.80	18,428.80	18,981.
Johnny Gallahaire	Dumpster Driver	7/1/92	8.8600	354.40	18,428.80	18,428.80	18,981.
Ray Hamil	Dumpster Driver	7/1/92	8.8600	354.40	18,428.80	18,428.80	18,981.
Harold Thurmond	Utility Man	7/1/92	8.9000	178.00	9,256.00	9,256.00	9,533.
TOTALS					64,542.40	64,542.40	68,478.

NOTE: Budget Recommendation includes a 3% improvement in overall salaries.

CITY OF DYERSBURG
 WORKSHEET 1993-94 ANNUAL BUDGET
 HEALTH INSURANCE COSTS

DEPT NAME DUMPSTER SERVICE
 DEPT NUMBER 52715-142

NAME	POSITION	MONTHLY PAYMENTS AS OF 4/30/93			4/30/93	7/1/93-6/30/94	
		EMPLOYEE	DEPENDENT	TOTAL	PAYMENTS ANNUALIZED	REQUEST	RECOMMEN- DATION
Bobby Dykes	Dumpster Driver	138.00	137.50	275.50	3,308.00	3,636.60	3,636.60
Johnny Gallahaire	Dumpster Driver	138.00	137.50	275.50	3,308.00	3,636.60	3,636.60
Ray Hamil	Dumpster Driver	138.00		138.00	1,656.00	1,821.60	1,821.60
TOTALS		<u>414.00</u>	<u>275.00</u>	<u>689.00</u>	<u>8,268.00</u>	<u>9,094.80</u>	<u>9,094.80</u>

NOTE: Insurance costs increased 10% from the previous year.

EXHIBIT: Health Insurance Costs

CITY OF DYERSBURG
WORKSHEET 1993-94 ANNUAL BUDGET
SMALL ITEMS OF EQUIPMENT

DEPT DUMPSTER SERVICES
CODE 52715-312

<u>ACCT</u>	<u>DESCRIPTION</u>	<u>REQUEST</u>	<u>RECOMMEN- DATION</u>
312	Amount requested without detail to support.	<u>500</u>	<u>500</u>
TOTAL		<u><u>500</u></u>	<u><u>500</u></u>

CITY OF DYERSBURG
 WORKSHEET 1993-94 ANNUAL BUDGET
 PAYROLL COSTS

DEPT NAME LANDFILL
 DEPT NUMBER 52717-111

NAME	POSITION	DATE OF LAST INCREASE	3/12/93			7/1/93-6/30/94		
			HOURLY	WEEKLY	ANNUAL	REQUEST	RECOMME DATION	
Billy Starnes	Landfill Operator	7/1/92	8.9300	357.20	18,574.40	18,574.40	19,131	
Pam Beasley	Dirt Pan Operator	7/1/92	8.8100	352.40	18,324.80	18,324.80	18,874	
Harold Thurmond	Wknd Stand-by Person					8,000.00	8,000	
TOTALS						36,899.20	44,899.20	46,006

NOTE: Budget Recommendation includes a 3% improvement in overall salaries.

Exhibit: Payroll Costs

CITY OF DYERSBURG
 WORKSHEET 1993-94 ANNUAL BUDGET
 HEALTH INSURANCE COSTS

DEPT NAME LANDFILL
 DEPT NUMBER 52717-142

NAME	POSITION	MONTHLY PAYMENTS AS OF 4/30/93			4/30/93	7/1/93-8/30/94	
		EMPLOYEE	DEPENDENT	TOTAL	PAYMENTS ANNUALIZED	REQUEST	RECOMMENDATION
Billy Starnes	Landfill Operator	138.00	137.50	275.50	3,308.00	3,636.60	3,636.60
Pam Beasley	Dirt Pan Operator	138.00		138.00	1,656.00	1,821.60	1,821.60
TOTALS		276.00	137.50	413.50	4,962.00	5,458.20	5,458.20

NOTE: Insurance costs increased 10% from the previous year.

CITY OF DYERSBURG, TENNESSEE
 SOLID WASTE MANAGEMENT FUND
 1993-94 ANNUAL BUDGET

EXPENDITURES

DEPT NONOPERATING EXPENSES
 CODE 52120

ACCT	DESCRIPTION	1991-92 ACTUAL	1992-93		1993-94		
			BUDGET	ACTUAL 3/31/93	ESTIMATED 6/30/93	REQUEST	BUDGET
631	CAPITAL OUTLAY NOTES-INTEREST		9,500	7,898	7,898	11,000	11,000
638	CAPITALIZED LEASE OBLIG-INTEREST		700	446	446	0	0
	TOTAL NONOPERATING EXPENSES	0	10,200	8,344	8,344	11,000	11,000

CITY OF DYERSBURG
 WORKSHEET 1992-93 ANNUAL BUDGET
 CAPITAL OUTLAY EXPENDITURES

DEPT DUMPSTER SERVICES
 CODE 16400

ACCT	DESCRIPTION	REQUEST	RECOMMEN- DATION
16400	Twenty-five (25) Six Yd. Dumpster Boxes	18,018	18,018
16400	Twenty-five (25) Eight Yd. Dumpster Boxes	20,034	20,034
TOTAL		<u>38,052</u>	<u>38,052</u>

CITY OF DYERSBURG
 WORKSHEET 1992-93 ANNUAL BUDGET
 CAPITAL OUTLAY EXPENDITURES

DEPT LANDFILL
 CODE 16400

ACCT	DESCRIPTION	REQUEST	RECOMMEN- DATION
16400	One (1) Compactor With the compactor, we will get better compaction of garbage, resulting in the saving of valuable landfill space.	150,000	150,000
		<u>150,000</u>	<u>150,000</u>

BARKER BROTHERS WASTE, INC.

PHONE (901) 885-5528
FAX (901) 885-0927

P.O. BOX 317
TROY, TENNESSEE 38260

August 9, 1993

Askew, Richardson, Hargraves & Ass.
1503 Union Ave.
Memphis, Tn. 38104

Att: Tim Buckley

Dear Mr. Buckley:

Please find below the information you requested regarding the tons of solid waste collected from Dyer, Gibson and Crockett Counties. All figures are in tons for one year.

COUNTY	RESIDENTIAL/ COMMERCIAL	INDUSTRIAL
(DYER	1,870	11,724
GIBSON	2,370	4,770
CROCKETT	520	-0-

mark,
all of this collected solid waste
comes to Barker's landfill in Obion
Tn

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
TENNESSEE NON-HAZARDOUS WASTE FLOW REPORT

COUNTY OF GENERATION	NUMBER OF FACILITIES	HAULER ID#	AMOUNT OF WASTE (TONS)	TYPE OF WASTE	COUNTY OF DISPOSAL	RECEIVING FACILITY ID#
Davidson	15	HLR-19-000-1998	1,875.00	OTHER	Davidson	SNL 19-102-0092
Davidson	2500	HLR-19-000-1999	1,476.25	HOUSE	Davidson	SNL 19-102-0092
Davidson	1	HLR-19-000-2003	64.20	OTHER	Davidson	SNL 19-102-0092
Davidson	1	HLR-19-000-2002	290.25	OTHER	Davidson	SNL 19-102-0092
Davidson	20	HLR-19-000-2008	2,000.00	TIRES	Davidson	SMP 19-102-1087
Decatur	36	HLR-20-000-0249	2,652.00	HOUSE	Decatur	SNL 20-101-0171
Decatur	4	HLR-27-000-0289	720.00	OTHER	Decatur	SNL 20-101-0171
DeKalb	11	HLR-21-000-0250	3,750.00	HOUSE	DeKalb	SNL 21-102-0243
DeKalb	4	HLR-21-000-0250	1,250.00	OTHER	DeKalb	SNL 21-102-0243
DeKalb	1	HLR-21-000-0251	28.10	OTHER	White	SNL 93-102-0136
DeKalb	45	HLR-19-000-1340	962.00	OTHER	DeKalb	SNL 21-102-0243
DeKalb	20	HLR-89-000-1394	600.00	OTHER	White	SNL 93-102-0136
DeKalb	1468	HLR-21-000-1811	1,461.24	HOUSE	DeKalb	SNL 21-102-0243
DeKalb	231	HLR-21-000-1811	14.76	OTHER	DeKalb	SNL 21-102-0243
Dickson	1	HLR-22-000-0136	312.00	HOUSE	Dickson	SNL 22-102-0065
Dickson	65	HLR-22-000-0252	14,530.36	HOUSE	Dickson	SMP 22-102-1000
Dickson	10	HLR-19-000-1340	2,400.00	OTHER	Dickson	SMP 22-102-1000
Dickson	12	HLR-79-000-1795	858.00	OTHER	Dickson	SMP 22-102-1000
Dickson	4	HLR-22-000-2007	3,298.00	HOUSEHOLD	Dickson	SNL 22-102-0065
Dickson	2	HLR-22-000-2007	6,283.00	OTHER	Dickson	SMP 22-102-1000
Dyer	1	HLR-23-000-0255	15,831.89	OTHER	Dyer	SNL 23-101-0218
Dyer	1	HLR-23-000-0257	208.09	HOUSE	Dyer	SNL 23-101-0058
Dyer	1	HLR-23-000-0257	1,872.00	HOUSE	Dyer	SNL 23-101-0148
Dyer	14	HLR-66-000-0933	12,114.00	OTHER	Obion	SNL 66-101-0143
Dyer	1356	HLR-66-000-0933	1,209.00	HOUSE	Obion	SNL 66-101-0143
Dyer	1	HLR-71-000-1065	45.00	OTHER	Dyer	SNL 66-101-0143
Dyer	0	HLR-71-000-1065	5.00	OTHER	Dyer	SNL 23-101-0218
Dyer	1	HLR-49-000-1680	780.00	OTHER	Dyer	SNL 23-101-0218
Dyer	2	HLR-23-000-1820	4,905.65	OTHER	Dyer	SNL 23-101-0218

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 TENNESSEE NON-HAZARDOUS WASTE FLOW REPORT

COUNTY OF GENERATION	NUMBER OF FACILITIES	HAULER ID#	AMOUNT OF WASTE (TONS)	TYPE OF WASTE	COUNTY OF DISPOSAL	RECEIVING FACILITY ID#
Dyer	1	HLR-23-000-1820	36.47	OTHER	Dyer	SNL 23-101-0218
Dyer	1	HLR-23-000-1833	7,704.00	OTHER	Dyer	SNL 23-101-0225
Dyer	1	HLR-23-000-1833	4,160.00	OTHER	Dyer	SNP 23-101-0176
Dyer	0	HLR-23-000-1935	60.00	OTHER	Dyer	SNL 23-101-0225
Dyer	1	HLR-23-000-2027	60.00	OTHER	Dyer	SNL 23-101-0225
Fayette	164	HLR-24-000-0260	209.52	HOUSE	Fayette	SNL 24-106-0079
Fayette	17	HLR-24-000-0260	134.04	OTHER	Fayette	SNL 24-106-0079
Fayette	80	HLR-24-000-0261	62,080.00	HOUSE	Fayette	SNL 24-106-0079
Fayette	110	HLR-24-000-0262	79.20	HOUSE	Fayette	SNL 24-106-0079
Fayette	15	HLR-24-000-0262	10.80	OTHER	Fayette	SNL 24-106-0079
Fayette	137	HLR-24-000-0263	142.50	HOUSE	Fayette	SNL 24-106-0079
Fayette	25	HLR-24-000-0263	47.50	OTHER	Fayette	SNL 24-106-0079
Fayette	5	HLR-24-000-0264	0.14	TIRE	Fayette	SNL 24-106-0079
Fayette	638	HLR-24-000-0264	10.08	HOUSE	Fayette	SNL 24-106-0079
Fayette	226	HLR-24-000-0264	3.59	OTHER	Fayette	SNL 24-106-0079
Fayette	480	HLR-24-000-0266	514.35	HOUSE	Fayette	SNL 24-106-0079
Fayette	750	HLR-24-000-0267	480.00	HOUSE	Fayette	SNL 24-106-0079
Fayette	20	HLR-24-000-0267	108.00	OTHER	Fayette	SNL 24-106-0079
Fayette	0	HLR-24-000-0271	32.50	HOUSE	Tipton	SNL 84-106-0046
Fayette	0	HLR-24-000-0271	32.50	HOUSE	Shelby	SNL 79-106-0135
Fayette	7	HLR-35-000-0551	12.00	HOUSE	Hardeman	SNL 35-101-0223
Fayette	1	HLR-79-000-1216	84.00	HOUSE	Fayette	SNL 24-106-0079
Fayette	6	HLR-79-000-1787	2,615.00	OTHER	Fayette	SNL 24-106-0079
Fayette	16	HLR-79-000-1795	662.00	OTHER	Shelby	SNL 79-106-0004
Fayette	1	HLR-24-000-2020	108.36	OTHER	Fayette	SNL 24-106-0079
Fayette	1	HLR-24-000-2029	190.48	OTHER	Fayette	SNL 24-106-0079
Franklin	13	HLR-26-000-0274	25,096.80	HOUSE	Bedford	SNL 02-102-0101
Franklin	3	HLR-26-000-0274	7,274.20	OTHER	Bedford	SNL 02-102-0101
Franklin	432	HLR-26-000-0277	260.00	HOUSE	Franklin	SNL 26-102-0123

Handwritten notes and circled numbers in the table:

- Handwritten "11" above the first "OTHER" entry.
- Handwritten "32,105" above the second "OTHER" entry.
- Handwritten "4,500" above the "HOUSE" entry.
- Handwritten "15,253" above the "HOUSE" entry.
- Handwritten "24,100" above the "HOUSE" entry.
- A large circle around the "OTHER" entry with "11" above it.

05/04/93

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

For 1992

1 of 2

WASTE DISPOSED OF IN DYER COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-23-000-0255 DYERSBURG SOLID WASTE MANAGEME TOM BURGESS 119 SOUTH MILL AVENUE DYERSBURG, TN 38024	OTHER	15,832	✓ SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-23-000-0257 CITY OF NEWBERN LANDFILL JOE ADAMS PO BOX 460 NEWBERN, TN 38059	HOUSE	208	SNL 23-101-0058 NEWBERN TOWN LANDFILL THE HONORABLE JOE ADAMS PO BOX 460 NEWBERN, TN 38059-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	OTHER	1,620	<p>1620 1680 3,144</p> <p>DON'T know? When?</p>
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	OTHER	1,680	
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	OTHER	3,144	
HLR-71-000-1065 FORCUM LANNOM PO BOX 768 DYERSBURG, TN 38025	OTHER	45	✓ SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-71-000-1065 FORCUM LANNOM PO BOX 768 DYERSBURG, TN 38025	OTHER	5	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-49-000-1680 HUTCHERSON SCRAP INC PAT SMITH PO BOX 218 HALLS, TN 38040	OTHER	780	✓ SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

2 of 2

WASTE DISPOSED OF IN DYER COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-09-000-1686 HENRY I SIEGEL COMPANY INC 126 LEXINGTON STREET BRUCETON, TN 38317	OTHER	540	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1820 PROFESSIONAL WASTE HANDLING RONNIE DEW PO BOX 1034 DYERSBURG, TN 38025-1034	OTHER	4,906	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1820 PROFESSIONAL WASTE HANDLING RONNIE DEW PO BOX 1034 DYERSBURG, TN 38025-1034	OTHER	36	✓ SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-23-000-1833 COLONIAL RUBBER WORKS INC PO BOX 807 DYERSBURG, TN 38024	OTHER	7,704	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1833 COLONIAL RUBBER WORKS INC PO BOX 807 DYERSBURG, TN 38024	OTHER	4,160	✓ SWP 23-101-0176 DYERSBURG ENERGY RECOVERY HON BILL REVELL MAYOR 119 SOUTH MILL AVE DYERSBURG, TN 38024-
HLR-48-000-1870 YATES & SONS TILE & CULVERT CO JERRY DON YATES 515 HIGHWAY 78 SOUTH TIPTONVILLE, TN 38079	OTHER	317	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> <u>MR JERE T KIRK</u> PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1935 WEST TENNESSEE LANDFILL INC JERE T. KIRK PO BOX 1188 DYERSBURG, TN 38025-1188	OTHER	60	SNL 23-101-0225 <u>JERE KIRK DISPOSAL</u> <u>MR JERE T KIRK</u> PO BOX 1188 DYERSBURG, TN 38025-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE DISPOSED OF IN DYER COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-23-000-1935 WEST TENNESSEE LANDFILL INC JERE T. KIRK PO BOX 1188 DYERSBURG, TN 38025-1188	OTHER	1,080	SNL 23-101-0225 JERE KIRK DISPOSAL <u>MR JERE T KIRK</u> PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1935 WEST TENNESSEE LANDFILL INC JERE T. KIRK PO BOX 1188 DYERSBURG, TN 38025-1188	OTHER	60	SNL 23-101-0225 JERE KIRK DISPOSAL <u>MR JERE T KIRK</u> PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-2027 DANNY PRITCHETT DANNY PRITCHETT BOX 339 FINLEY, TN 38030		60	SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-

<u>DYERSBURG</u>	<u>KIRK</u>	<u>DANNY BENN</u>	<u>OTHER(?)</u>
15,832	5		
45	540		
780	4906		
36	7704		
	317		
4,160	60		
	1080		
	60		
	60		
<u>20,853 TONS/yr</u>	<u>14,732 TONS</u>	<u>208</u>	<u>6444</u>
$\div 200 = 80.20 \text{ T/D.}$			

TOTAL = 42,237

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

1022

WASTE PICKED UP IN DYER COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-23-000-1820 PROFESSIONAL WASTE HANDLING RONNIE DEW PO BOX 1034 DYERSBURG, TN 38025-1034	820	SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1820 PROFESSIONAL WASTE HANDLING RONNIE DEW PO BOX 1034 DYERSBURG, TN 38025-1034	820	SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-23-000-1935 WEST TENNESSEE LANDFILL INC JERE T. KIRK PO BOX 1188 DYERSBURG, TN 38025-1188		SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1833 COLONIAL RUBBER WORKS INC PO BOX 807 DYERSBURG, TN 38024		SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-23-000-1833 COLONIAL RUBBER WORKS INC PO BOX 807 DYERSBURG, TN 38024		SWP 23-101-0176 DYERSBURG ENERGY RECOVERY HON BILL REVELL MAYOR 119 SOUTH MILL AVE DYERSBURG, TN 38024-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-

05/03/93

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

PAGE: 48

2 OF 4

WASTE PICKED UP IN DYER COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-23-000-0257 CITY OF NEWBERN LANDFILL JOE ADAMS PO BOX 460 NEWBERN, TN 38059		SNL 23-101-0058 NEWBERN TOWN LANDFILL THE HONORABLE JOE ADAMS PO BOX 460 NEWBERN, TN 38059-
HLR-23-000-0257 CITY OF NEWBERN LANDFILL JOE ADAMS PO BOX 460 NEWBERN, TN 38059		SNL 66-101-0148 ALAN SHIRLEY GRATIO LE MR ALLEN SHIRLEY 2557 S BLUFF ROAD OBION, TN 38240-
HLR-49-000-1680 HUTCHERSON SCRAP INC PAT SMITH PO BOX 218 MILLS, TN 38040		SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-23-000-0255 DYERSBURG SOLID WASTE MANAGEMENT FUND TOM BURGESS 119 SOUTH MILL AVENUE DYERSBURG, TN 38024		SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-23-000-2027 DANNY PRITCHETT DANNY PRITCHETT BOX 339 FINLEY, TN 38030		SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-
HLR-71-000-1065 FORCUM LANNOM PO BOX 768 DYERSBURG, TN 38025	50	SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-
HLR-71-000-1065 FORCUM LANNOM PO BOX 768 DYERSBURG, TN 38025	50	SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE LANDFILL SITES

10F1

LANDFILL SITES IN DYER COUNTY	LAST ACTION	REMAIN LIFE	ACRES	TONS PER DAY
SNL 23-101-0225 JERE KIRK DISPOSAL MR JERE T KIRK PO BOX 1188 DYERSBURG, TN 38025-	92	31.00	79.0	5.86
SNL 23-101-0058 NEWBERN TOWN LANDFILL THE HONORABLE JOE ADAMS PO BOX 460 NEWBERN, TN 38059-	92	0.00	0.0	0.00
SNL 23-101-0218 DYERSBURG CITY LANDFILL THE HONORABLE BILL REVELL HWY 51 S BYPASS PO BOX 1358 DYERSBURG, TN 38024-	92	17.00	64.0	49.32
SNL 23-101-0040 KIRK LANDFILL ,				
SNL 23-101-0059 ELLIS LANDFILL ,				
SWP 23-101-0176 DYERSBURG ENERGY RECOVERY HON BILL REVELL MAYOR 119 SOUTH MILL AVE DYERSBURG, TN 38024-				
SWP 23-101-1035 METHODIST HOSPITAL INCIN MR EDWARD NANNEY 400 TICKLE STREET DYERSBURG, TN 38024-	92	0.00	0.0	0.21

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE REGISTERED HAULERS
 Dyer County

1 OF 1

REGISTERED HAULERS	TRUCKS	HOUSE- HOLDS	NON- HOUSE- HOLDS	VOLUME (TONS)
HLR-23-000-0255 DYERSBURG SOLID WASTE MANAGEMENT FUND TOM BURGESS 119 SOUTH MILL AVENUE DYERSBURG, TN 38024	14	5,700.00	450	5,212
HLR-23-000-0257 CITY OF NEWBERN LANDFILL JOE ADAMS PO BOX 460 NEWBERN, TN 38059	2	1,004.00	121	240
HLR-23-000-1670 RUSSELL BARRON 121 SMITH STREET LENOX, TN 38047	1	0.00	1	117
HLR-23-000-1820 PROFESSIONAL WASTE HANDLING RONNIE DEW PO BOX 1034 DYERSBURG, TN 38025-1034	1	0.00	1	820
HLR-23-000-1833 COLONIAL RUBBER WORKS INC PO BOX 807 DYERSBURG, TN 38024	2	0.00	1	3,096
HLR-23-000-1935 WEST TENNESSEE LANDFILL INC JERE T. KIRK PO BOX 1188 DYERSBURG, TN 38025-1188	2	0.00	2	7,509
HLR-23-000-2027 DANNY PRITCHETT DANNY PRITCHETT BOX 339 FINLEY, TN 38030	1	0.00	0	0

JERE T. KIRK

GENERAL CONTRACTOR
and
DEVELOPER

P.O. BOX 1188
DYERSBURG, TN 38025-1188
OFFICE: 1335 EAST COURT

LAKWOOD DEVELOPMENT
600 Acres of Lakes and Trees
New Home of Historical Lenox Bridge
Over \$13,000,000 in New Home Construction

OFFICE 901-285-8188
901-285-5061
HOME 901-285-9598
901-286-1581
FAX 901-287-7777

November 9, 1993

Crockett-Dyer-Gibson Counties
Regional Solid Waste Management Planning Board
P.O. Box 667
Dyersburg, Tennessee 38024

ATTN: Mr. Bob Jones,
Chairman of the Board

RE: Sale of West Tennessee Landfill, Incorporated owned by
Jere T. Kirk to the Regional Board or Authority.

Dear Mr. Jones,

Since the Regional Solid Waste Board for Crockett-Dyer-Gibson Counties must make a decision soon regarding the disposal of refuse from the area, I would like to offer my landfill, West Tennessee Landfill, Incorporated, for sale to the Regional Board.

West Tennessee Landfill, Inc. is located four miles south of Dyersburg, Tennessee and all stock is unencumbered and owned by Jere T. Kirk.

The landfill consists of approximately 115 acres with 75 acres approved for landfilling to a depth of 36 feet. The landfill at this location was opened in November 1989 and has approximately two million cubic yards of approved air space remaining.

Presently our waste for this Class I Landfill is industrial, household, asbestos and contaminated soil that is within safe parameters of the TCLP test.

Present landfill volume is approximately 100 tons per day @ \$20. per ton.

I will sell land, permits and business to the Regional Authority for Three Million plus \$2. per ton royalty.

REAL ESTATE • BUY • SELL • TRADE



Page 2
December 9, 1993
Mr. Bob Jones

I own an additional 135 acres joining the landfill. This can be purchased also and landfill can be expanded in the future.

No equipment goes with this sale and Kirk reserves the right to choose equal value property for trade. However, I would be interested in financing for the Authority for 10% down and balance in 9 yearly payments of \$300,000. each plus 6% interest.

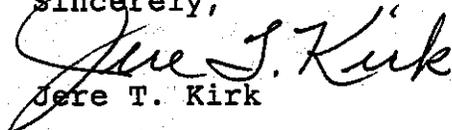
I would also reserve the right to bring asbestos to the landfill for this period of time (9 years) at a landfill charge rate of \$30. per ton.

The plans and operation manual for the landfill are available for viewing at Jere T. Kirk's office located at 1335 East Court Street in Dyersburg, Tennessee. Enclosed please find copies of State of Tennessee permits.

By having this landfill operation and controlling the flow of refuse it is possible for the three counties to have landfill capacity for their residents at practically no cost. The landfill is presently for sale and would be taken off the market with a signed contract.

My wife is a retired school principal and after the sale of the landfill, we plan to travel and smell the roses.

Sincerely,


Jere T. Kirk

JTK/cjh

Enclosures

**GIBSON COUNTY PERTINENT
SOLID WASTE INFORMATION**

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE LANDFILL SITES

LANDFILL SITES IN <u>GIBSON COUNTY</u>	LAST ACTION	REMAIN LIFE	ACRES	TONS PER DAY
SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-	92	2.00	50.0	26.30
SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-	92	0.00	0.0	40.77
SNL 27-101-0053 TRENTON CITY LANDFILL				
SNL 27-101-0085 DYER CITY LANDFILL				
SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-	92	0.00	0.0	0.00

05/04/93

PAGE: 37

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE REGISTERED HAULERS
Gibson County

REGISTERED HAULERS	TRUCKS	HOUSE- HOLDS	NON- HOUSE- HOLDS	VOLUME (TONS)
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358	8	3,000.00	50	2,287
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358	1	0.00	1	42
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	31	21,971.00	2,897	33,525
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358	1	0.00	1	63
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358	2	0.00	1	360
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316	2	400.00	68	104
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	2	0.00	2	80
HLR-27-000-0308 LOWERY'S GARBAGE SERVICE ROUTE 1 BOX 267 BELLS, TN 38006	1	160.00	0	50

05/04/93

PAGE: 38

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE REGISTERED HAULERS
Gibson County

REGISTERED HAULERS	TRUCKS	HOUSE- HOLDS	NON- HOUSE- HOLDS	VOLUME (TONS)
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358	1	0.00	1	104
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343	7	0.00	0	0

05/03/93

PAGE: 54

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		Madison
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		Dyer
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316		Gibson

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-

05/03/93

PAGE: 56

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE DISPOSED OF IN GIBSON COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358	HOUSE	9,092	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358	OTHER	107	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	HOUSE	632	SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	OTHER	5,688	SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358	OTHER	63	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358	OTHER	200	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316	HOUSE	416	(Humboldt)
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	HOUSE	36	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS FRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE DISPOSED OF IN GIBSON COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	HOUSE	44	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0308 LOWERY'S GARBAGE SERVICE ROUTE 1 BOX 267 BELLS, TN 38006	HOUSE	52	SWP 27-101-0229 (HUMBOLDT RECYCLING CENTER) HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358	OTHER	406	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220	HOUSE	250	SWP 27-101-0229 (HUMBOLDT RECYCLING CENTER) HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220	HOUSE	15	SWP 27-101-0229 (HUMBOLDT RECYCLING CENTER) HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343	HOUSE	4,644	SWP 27-101-0229 (HUMBOLDT RECYCLING CENTER) HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-

MILAN

9912

11733

 21645

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 TENNESSEE NON-HAZARDOUS WASTE FLOW REPORT

COUNTY OF GENERATION	NUMBER OF FACILITIES	HAULER ID#	AMOUNT OF WASTE (TONS)	TYPE OF WASTE	COUNTY OF DISPOSAL	RECEIVING FACILITY ID#
Franklin	640	HLR-26-000-0378	600.00	HOUSE	Franklin	SNL 26-102-0123
Franklin	713	HLR-26-000-0280	783.75	HOUSE	Franklin	SNL 26-102-0122
Franklin	33	HLR-26-000-0280	41.25	OTHER	Franklin	SNL 26-102-0122
Franklin	500	HLR-26-000-0281	516.00	HOUSE	Grundy	SNL 31-105-0208
Franklin	81	HLR-26-000-0281	84.00	OTHER	Grundy	SNL 31-105-0208
Franklin	40	HLR-26-000-0282	212.00	HOUSE	Bedford	SNL 02-102-0101
Franklin	1	HLR-89-000-1394	504.00	OTHER	Bedford	SNL 02-102-0101
Franklin	1	HLR-19-000-1636	0.75	OTHER	Rutherford	SNL 75-102-0219
Franklin	850	HLR-26-000-1867	1,000.00	HOUSE	Rutherford	SNL 75-102-0219
Franklin	52	HLR-26-000-1867	300.00	OTHER	Franklin	SNL 26-102-0123
Franklin	3000	HLR-27-000-0284	9,092.23	HOUSE	Franklin	SNL 26-102-0123
Gibson	1	HLR-27-000-0288	107.00	OTHER	Gibson	SNL 27-101-0045
Gibson	138	HLR-27-000-0289	3,212.00	OTHER	Gibson	SNL 27-101-0045
Gibson	238	HLR-27-000-0289	632.00	HOUSE	Gibson	SNL 27-101-0045
Gibson	2138	HLR-27-000-0289	5,688.00	OTHER	Madison	SNL 57-101-0045
Gibson	2	HLR-27-000-0289	3,144.00	OTHER	Gibson	SNL 27-101-0091
Gibson	1	HLR-27-000-0290	63.00	OTHER	Gibson	SNL 27-101-0091
Gibson	1	HLR-27-000-0292	200.00	OTHER	Dyer	SNL 23-101-0223
Gibson	492	HLR-27-000-0304	416.00	OTHER	Gibson	SNL 27-101-0045
Gibson	2	HLR-27-000-0305	36.00	HOUSE	Gibson	SNL 27-101-0045
Gibson	1	HLR-27-000-0312	406.00	OTHER	Gibson	SNL 27-101-0229
Gibson	9	HLR-66-000-0935	5,334.00	OTHER	Gibson	SNL 27-101-0045
Gibson	1483	HLR-66-000-0935	936.00	HOUSE	Obion	SNL 66-101-0143
Gibson	10	HLR-09-000-1637	15.00	HOUSE	Obion	SNL 66-101-0143
Gibson	2500	HLR-27-000-0313	4,644.00	HOUSE	Gibson	SNL 27-101-0229
Gibson	4200	HLR-28-000-0313	6,000.00	HOUSE	Gibson	SNL 27-101-0229
Giles	4200	HLR-28-000-0313	500.00	HOUSE	Giles	SNL 28-102-0204
Giles	9	HLR-28-000-0314	12,340.00	OTHER	Giles	SNL 28-102-0204
Giles	100	HLR-28-000-1569	189.00	HOUSE	Giles	SNL 28-102-0204

Ken Cannon's
Recycling Center
Humboldt

HUMBOLDT Recycling
Center -

APRIL 1993

CLOSED →

TOTAL TO PLANT	CIARR	TONS
CITY OF HUMBOLDT WASTE MANAGEMENT		196.14
CITY OF BRADFORD		525.16
BULLINGTON		41.84
MERCHANT STATE BANK		11.17
TOLLEY SANITATION		0.00
MIN-RES TRASH		23.30
IND/COMMERCIAL		3.54
RES TRASH		5.11
		0.68
PLANT TOTAL		806.94

CLOSED →

TOTAL TO LANDFILL		
CITY OF HUMBOLDT WASTE MANAGEMENT		26.73
EMERSON MOTORS		133.17
CITY OF BRADFORD		0.00
BULLINGTON		0.00
HUMBOLDT GENERAL		0.00
HUMBOLDT HOUSING		0.23
HUMBOLDT UTILITIES		0.40
KRAFT		66.50
LASHLEE-RICH		0.25
TOLLEY SANITATION		3.04
WILSONS		0.00
MIN-RES TRASH		50.25
IND/COMMERCIAL		2.37
RES BRUSH		10.03
RES TRASH		0.00
COMPOST		16.78
		0.00
LANDFILL TOTAL		305.27

TOTAL TO BURNER		
CITY OF HUMBOLDT WASTE MANAGEMENT		321.50
HUMBOLDT HOUSING		164.83
WILSONS		0.71
MIN-RES		2.18
IND/COMMERCIAL		3.43
RES BRUSH		17.47
HEAVY FRACTIONS		18.07
		141.62
BURNER TOTAL		669.93
GRAND TOTAL		1862.14

PERCENTAGES FOR ARII

	TONS	
CLAY	605.94	
TOTAL TO BURNER	660.93	
COMPOST	0.00	
<hr/>		
TOTAL PLANT & BURNER	1476.87	
<hr/>		
HEAVY FRACTIONS-PLANT	538.40	<i>goes to land fill</i>
HEAVY FRACTIONS-BURNER	141.52	
CONCRETE	0.00	
CORDBOARD	25.16	
GLASS	26.52	
ALUMINIUM	0.25	
PLASTIC	7.57	
STEEL	16.36	
TOTAL TO BURNER FROM PLANT	191.58	
TOTAL PLANT & BURNER	1476.87	
HAZARDOUS RECYCLES	75.96	5.21%
TOTAL TO BURNER PLANT & BURNER	713.93	48.74%
<hr/>		
TOTAL REJECTION		53.95%
<hr/>		
TOTAL TO LANDFILL FROM PLANT	680.02	46.04%
DIRECT TO LANDFILL	389.72	
<hr/>		
GRAND TOTAL TO LANDFILL	1069.74	

CITY OF HUMBOLDT, TENNESSEE
HUMBOLDT RECYCLING CENTER
STATEMENT OF REVENUES, EXPENSES, AND
CHANGES IN RETAINED EARNINGS
MAY 31, 1993

Period: 05/01/93 to 05/31/93

	Reporting-period amount	Year-to-date amount
OPERATING REVENUES		
IRON MFG SALES	\$ 7,578.33	\$ 72,068.43
TIPPING FEES	39,523.96	439,583.82
<hr/>		
CHARGES FOR SERVICES	\$ 47,102.29	\$ 511,652.25
MISCELLANEOUS INCOME	.00	443.61
PROCEEDS FROM GRANTS	.00	12,350.00
<hr/>		
TOTAL OPERATING REVENUES	\$ 47,102.29	\$ 524,445.86
OPERATING EXPENSES		
PURCHASE OF WASTE PRODUCTS	\$ (1,964.05)	\$ (19,667.49)
ADMIN AND GENERAL SALARIES	(20,433.29)	(217,305.27)
OVERTIME PAY	(2,883.94)	(20,436.50)
OPERATING EXPENSE	(8,903.55)	(70,424.03)
W 3 COMP	(736.42)	(8,100.62)
GEN'L LIABILITY INSURANCE	(275.00)	(3,025.00)
PR OY INSURANCE	(135.17)	(1,486.87)
LIFE INSURANCE	(15.09)	(165.99)
DEPRECIATION	(419.34)	(887.35)
MAINTENANCE	(2,668.95)	(59,243.66)
OFFICE SUPPLIES	(340.40)	(6,559.10)
PAYROLL TAXES	(2,045.92)	(20,726.35)
MISCELLANEOUS EXPENSE	(158.38)	(796.16)
<hr/>		
TOTAL OPERATING EXPENSES	\$ (40,979.50)	\$ (428,824.39)
NET INCOME (LOSS) FROM OPER.	\$ 6,122.79	\$ 95,621.47
OTHER INCOME (EXPENSES)		
INTEREST EXPENSE	\$ (807.93)	\$ (6,386.65)
<hr/>		
TOTAL OTHER INCOME (EXPENSES)	\$ (807.93)	\$ (6,386.65)
NET INCOME (LOSS)	\$ 5,314.86	\$ 89,314.82

CITY OF HUMBOLDT, TENNESSEE
HUMBOLDT RECYCLING CENTER
BALANCE SHEET
MAY 31, 1993

ASSETS

CURRENT ASSETS

CASH AND CASH EQUIVALENTS	\$	25,376.62	
ACCOUNTS RECEIVABLE		67,265.05	
		<u> </u>	
TOTAL CURRENT ASSETS	\$		92,641.67

FIXED ASSETS

RECYCLING PLANT & EQUIPMENT	\$	173,836.95	
LESS: ACCUM DEPRECIATION		(5,237.64)	
		<u> </u>	
	\$		168,599.31
CAPITALIZED INTEREST	\$	(215,910.92)	
ACCUMULATED AMORT-CAP INT		53,995.55	
		<u> </u>	
	\$	(161,915.37)	
TOTAL FIXED ASSETS	\$		6,683.94
		<u> </u>	
TOTAL ASSETS	\$		<u><u>99,325.61</u></u>

LIABILITIES & RETAINED EARNINGS

CURRENT LIABILITIES

ACCOUNTS PAYABLE	\$	10,878.60	
SURCHARGE PAYABLE TO STATE		3,181.55	
PAYROLL WITHOLDING PAYABLE		488.92	
DUE TO CITY OF HUM-GEN FUND		3,635,541.65	
ACCRUED EXPENSES		(371,236.80)	
		<u> </u>	
TOTAL CURRENT LIABILITIES	\$		3,278,853.92

LONG-TERM LIABILITIES

NOTES PAYABLE	\$	(2,458,900.68)	
		<u> </u>	
TOTAL LIABILITIES	\$		819,953.24
NET INCOME (LOSS)	\$		89,314.82
RETAINED EARNINGS			(809,942.45)
TOTAL LIAB & RETAINED EARNINGS	\$		<u><u>99,325.61</u></u>

MAY 1993

TOTAL TO PLANT	CURRENT MONTH		Y-T-D	
	TONS	\$	TONS	\$
CITY OF HUMBOLDT WASTE MANAGEMENT	194.03	5,827.90	1582.70	47,265.00
CITY OF BRADFORD	512.45	12,577.76	3644.52	86,281.76
BULLINGTON	33.67	1,010.10	283.70	8,456.40
MERCHANT STATE BANK	7.42	282.60	78.26	2,275.20
TOLLEY SANITATION	0.00	0.00	0.00	0.00
NON-RES TRASH	20.18	605.40	165.14	4,992.65
IND/COMMERCIAL	2.06	70.90	11.10	401.90
RES TRASH	6.30	189.00	42.72	1,296.10
	0.51	0.00	6.70	0.00
PLANT TOTAL	776.62	20,563.66	5,814.84	150,969.01
TOTAL TO LANDFILL				
CITY OF HUMBOLDT WASTE MANAGEMENT	0.00	0.00	1327.63	37,756.50
EMERSON MOTORS	162.18	4,498.00	3370.75	87,273.56
CITY OF BRADFORD	0.00	0.00	5.89	183.50
BULLINGTON	0.00	0.00	123.42	3,539.10
HUMBOLDT GENERAL	0.00	0.00	67.19	1,808.10
HUMBOLDT HOUSING	0.00	0.00	0.50	10.70
HUMBOLDT UTILITIES	0.41	12.30	5.29	164.20
KRAFT	15.65	469.50	615.62	18,093.75
LASH WICH	3.51	105.30	101.21	2,949.60
TOLLEY SANITATION	4.54	136.20	58.12	1,706.85
NILSONS	0.00	0.00	68.48	1,978.65
NON-RES TRASH	30.40	912.00	283.08	8,396.25
IND/COMMERCIAL	2.39	75.10	37.14	1,225.00
RES BRUSH	13.87	393.70	1276.60	37,926.10
RES TRASH	0.00	0.00	1.20	0.00
INDUST	14.16	0.00	159.73	0.00
	0.00	0.00	27.38	8,137.70
LANDFILL TOTAL	246.31	6,602.90	7,529.23	211,149.56
TOTAL TO BURNER				
CITY OF HUMBOLDT WASTE MANAGEMENT	158.68	4,704.00	1020.55	30,834.20
HUMBOLDT HOUSING	200.90	6,100.10	1405.10	42,936.26
EMERSON MOTORS	0.33	10.40	5.53	182.90
NON-RES	2.19	65.70	10.09	471.00
IND/COMMERCIAL	4.02	120.80	12.56	376.70
RES BRUSH	43.87	1,356.40	105.72	5,522.40
INDUST FRACTIONS	21.14	0.00	86.46	0.00
	142.54	0.00	839.42	0.00
BURNER TOTAL	573.67	12,357.40	2,726.01	80,323.46
D TOTAL	1596.6	139,523.96	16,070.00	1442,442.03

05/04/93

PAGE: 32

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE LANDFILL SITES

LANDFILL SITES IN GIBSON COUNTY

	LAST ACTION	REMAIN LIFE	ACRES	TONS PER DAY
SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-	92	2.00	50.0	26.30
SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-	92	0.00	0.0	40.77
SNL 27-101-0053 TRENTON CITY LANDFILL				
SNL 27-101-0085 DYER CITY LANDFILL				
SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-	92	0.00	0.0	0.00

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 SOLID WASTE REGISTERED HAULERS
 Gibson County

REGISTERED HAULERS	TRUCKS	HOUSE- HOLDS	NON- HOUSE- HOLDS	VOLUME (TONS)
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358	8	3,000.00	50	2,287
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358	1	0.00	1	42
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	31	21,971.00	2,897	33,525
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358	1	0.00	1	63
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358	2	0.00	1	360
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316	2	400.00	68	104
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	2	0.00	2	80
HLR-27-000-0308 LOWERY'S GARBAGE SERVICE ROUTE 1 BOX 267 BELLS, TN 38006	1	160.00	0	50

05/04/93

PAGE: 38

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
SOLID WASTE REGISTERED HAULERS
Gibson County

REGISTERED HAULERS	TRUCKS	HOUSE- HOLDS	NON- HOUSE- HOLDS	VOLUME (TONS)
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358	1	0.00	1	104
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343	7	0.00	0	0

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		Madison
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		SNL 27-101-0091 HUMBOLDT LANDFILL MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301		Dyer
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316		Gibson

05/03/93

PAGE: 55

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220		SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-

05/03/93

PAGE: 56

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN GIBSON COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358		SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE DISPOSED OF IN GIBSON COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0284 MILAN CITY LANDFILL HERB DAVIS MILAN CITY HALL MILAN, TN 38358	HOUSE	9,092	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0288 UNITED AMMUNITION CONTAINERS 135 MILAN ARSENAL HWY MILAN, TN 38358	OTHER	107	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	HOUSE	632	SNL 27-101-0091 (HUMBOLDT LANDFILL) MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	OTHER	5,688	SNL 27-101-0091 (HUMBOLDT LANDFILL) MR DAVID SIKES 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0290 DOUGLAS AND LOMASON COMPANY 3000 KEFAUVER DRIVE MILAN, TN 38358	OTHER	63	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0292 MILAN BOX CORPORATION 2090 W VAN HOOK PO BOX 30 MILAN, TN 38358	OTHER	200	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0304 CITY OF BRADFORD PO BOX 87 BRADFORD, TN 38316	HOUSE	416	(Humboldt)
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	HOUSE	36	SWP 27-101-0229 (HUMBOLDT RECYCLING CENTER) HON JESS FRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE DISPOSED OF IN GIBSON COUNTY

HAULER	TYPE	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0305 J PETE BULLINGTON ROUTE 1 BOX 164 LAVINIA, TN 38348	HOUSE	44	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-27-000-0308 LOWERY'S GARBAGE SERVICE ROUTE 1 BOX 267 BELLS, TN 38006	HOUSE	52	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-0312 FOAMEX LP 2050 KEFAUVER DRIVE MILAN, TN 38358	OTHER	406	SNL 27-101-0045 MILAN LANDFILL THE HONORABLE DON FARMER 1061 S MAIN ST MILAN, TN 38358-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220	HOUSE	250	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-09-000-1637 TOLLEY ENTERPRISES MIKE TOLLEY PO BOX 249 ATWOOD, TN 38220	HOUSE	15	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-
HLR-27-000-2002 CITY OF HUMBOLDT JESS PRITCHARD 1421 OSBORNE STREET HUMBOLDT, TN 38343	HOUSE	4,644	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-

MILAN
 9912
 11733

 21645

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 TENNESSEE NON-HAZARDOUS WASTE FLOW REPORT

COUNTY OF GENERATION	NUMBER OF FACILITIES	HAULER ID#	AMOUNT OF WASTE (TONE)	TYPE OF WASTE	COUNTY OF DISPOSAL	RECEIVING FACILITY ID#
Franklin	640	HLR-26-000-0372	600.00	HOUSE	Franklin	SNL 26-102-0123
Franklin	713	HLR-26-000-0280	723.75	HOUSE	Franklin	SNL 26-102-0122
Franklin	33	HLR-26-000-0280	41.25	OTHER	Franklin	SNL 26-102-0123
Franklin	500	HLR-26-000-0281	516.00	HOUSE	Grundy	SNL 31-105-0108
Franklin	81	HLR-26-000-0281	84.00	OTHER	Grundy	SNL 31-105-0206
Franklin	40	HLR-26-000-0282	212.00	HOUSE	Bedford	SNL 02-102-0101
Franklin	1	HLR-89-000-1394	504.00	OTHER	Bedford	SNL 02-102-0101
Franklin	1	HLR-19-000-1635	0.75	OTHER	Rutherford	SNL 75-102-0219
Franklin	850	HLR-26-000-1867	1,000.00	HOUSE	Rutherford	SNL 26-102-0123
Franklin	52	HLR-26-000-1867	300.00	OTHER	Franklin	SNL 26-102-0123
Gibson	3000	HLR-27-000-0284	9,092.23	HOUSE	Franklin	SNL 26-102-0123
Gibson	1	HLR-27-000-0288	107.00	OTHER	Gibson	SNL 27-101-0045
Gibson	138	HLR-27-000-0289	3,212.00	OTHER	Gibson	SNL 27-101-0045
Gibson	238	HLR-27-000-0289	632.00	HOUSE	Madison	SNL 57-101-0045
Gibson	2138	HLR-27-000-0289	5,688.00	OTHER	Gibson	SNL 27-101-0091
Gibson	2	HLR-27-000-0289	3,144.00	OTHER	Gibson	SNL 27-101-0091
Gibson	1	HLR-27-000-0290	63.00	OTHER	Dyer	SNL 27-101-0091
Gibson	1	HLR-27-000-0292	200.00	OTHER	Gibson	SNL 23-101-0223
Gibson	492	HLR-27-000-0304	416.00	HOUSE	Gibson	SNL 27-101-0045
Gibson	2	HLR-27-000-0305	36.00	HOUSE	Gibson	SNL 27-101-0045
Gibson	1	HLR-66-000-0312	406.00	OTHER	Gibson	SNL 27-101-0229
Gibson	9	HLR-66-000-0935	5,334.00	OTHER	Gibson	SNL 27-101-0045
Gibson	1483	HLR-66-000-0935	936.00	HOUSE	Obion	SNL 66-101-0143
Gibson	10	HLR-09-000-1637	15.00	HOUSE	Obion	SNL 66-101-0143
Gibson	2500	HLR-27-000-2002	4,644.00	HOUSE	Gibson	SNL 27-101-0229
Gibson	4200	HLR-28-000-0313	6,000.00	HOUSE	Gibson	SNL 27-101-0229
Giles	4200	HLR-28-000-0313	500.00	HOUSE	Giles	SNL 28-102-0204
Giles	9	HLR-28-000-0314	12,340.00	OTHER	Giles	SNL 28-102-0204
Giles	100	HLR-28-000-1569	189.00	HOUSE	Giles	SNL 28-102-0204

Ken Cameron's
Recycling Center
Humboldt

HUMBOLDT Recycling
Center -

APRIL 1993

CLOSED →

TOTAL TO PLANT	CURR	TONS
CITY OF HUMBOLDT WASTE MANAGEMENT		196.14
CITY OF BRADFORD		525.16
BULLINGTON		41.84
MERCHANT STATE BANK		11.17
TULLEY SANITATION		0.00
NON-RES TRASH		23.30
IND/COMMERCIAL		3.54
RES TRASH		5.11
		0.68
PLANT TOTAL		806.94

CLOSED →

TOTAL TO LANDFILL		
CITY OF HUMBOLDT WASTE MANAGEMENT		26.74
EMERSON MOTORS		199.17
CITY OF BRADFORD		0.00
BULLINGTON		0.00
HUMBOLDT GENERAL		0.00
HUMBOLDT HOUSING		0.23
HUMBOLDT UTILITIES		0.40
KRAFT		66.50
LASHLEE-RICH		0.25
TULLEY SANITATION		3.04
WILSONS		0.00
NON-RES TRASH		50.25
IND/COMMERCIAL		2.97
RES BRUSH		10.07
RES TRASH		0.00
COMPOST		16.78
		0.00
LANDFILL TOTAL		305.27

TOTAL TO BURNER		
CITY OF HUMBOLDT WASTE MANAGEMENT		321.50
HUMBOLDT HOUSING		164.89
WILSONS		0.71
NON-RES		2.18
IND/COMMERCIAL		3.49
RES BRUSH		17.47
HEAVY FRACTIONS		18.07
		141.62
BURNER TOTAL		669.93

GRAND TOTAL 1062.14

PERCENTAGES FOR APRIL

	TONS	
PLANT	805.94	
TOTAL TO BURNER	667.93	
CONCRET	8.02	
<hr/>		
TOTAL PLANT & BURNER	1476.87	
HEAVY FRACTIONS-PLANT	530.40	<i>goes to land fill</i>
HEAVY FRACTIONS-BURNER	141.62	
CONCRETE	8.00	
CARDBOARD	26.16	
GLASS	26.62	
ALUMINUM	0.25	
PLASTIC	7.57	
STEEL	16.36	
TOTAL TO BURNER FROM PLANT	191.58	
<hr/>		
TOTAL PLANT & BURNER	1476.87	
MIXED RECYCLABLES	76.26	5.21%
TOTAL TO BURNER PLANT & BURNER	713.89	48.34%
<hr/>		
TOTAL REJECTION		53.76%
<hr/>		
TOTAL TO LANDFILL FROM PLANT	600.02	46.04%
DIRECT TO LANDFILL	309.72	
<hr/>		
APRIL TOTAL TO LANDFILL	1069.74	

CITY OF HUMBOLDT, TENNESSEE
HUMBOLDT RECYCLING CENTER
STATEMENT OF REVENUES, EXPENSES, AND
CHANGES IN RETAINED EARNINGS
MAY 31, 1993

Period: 05/01/93 to 05/31/93

	Reporting-period amount	Year-to-date amount
OPERATING REVENUES		
NON MFG SALES	\$ 7,578.33	\$ 72,068.43
TIPPING FEES	39,523.96	439,583.82
<hr/>		
CHARGES FOR SERVICES	\$ 47,182.29	\$ 511,652.25
MISCELLANEOUS INCOME	.00	443.61
PROCEEDS FROM GRANTS	.00	12,350.00
<hr/>		
TOTAL OPERATING REVENUES	\$ 47,182.29	\$ 524,445.86
OPERATING EXPENSES		
PURCHASE OF WASTE PRODUCTS	\$ (1,964.05)	\$ (19,667.49)
ADMIN AND GENERAL SALARIES	(20,433.29)	(217,385.27)
OVERTIME PAY	(2,883.94)	(20,436.50)
OPERATING EXPENSE	(8,903.55)	(70,424.83)
WORKERS COMP	(736.42)	(8,100.62)
GENERAL LIABILITY INSURANCE	(275.00)	(3,025.00)
PAYROLL INSURANCE	(135.17)	(1,486.87)
LIFE INSURANCE	(15.89)	(165.99)
DEPRECIATION	(419.34)	(887.35)
MAINTENANCE	(2,668.95)	(59,243.66)
OFFICE SUPPLIES	(340.40)	(6,559.10)
PAYROLL TAXES	(2,045.92)	(20,726.35)
MISCELLANEOUS EXPENSE	(158.38)	(796.16)
<hr/>		
TOTAL OPERATING EXPENSES	\$ (40,979.50)	\$ (428,824.39)
NET INCOME (LOSS) FROM OPER.	\$ 6,122.79	\$ 95,621.47
OTHER INCOME (EXPENSES)		
INTEREST EXPENSE	\$ (887.93)	\$ (6,386.65)
<hr/>		
TOTAL OTHER INCOME (EXPENSES)	\$ (887.93)	\$ (6,386.65)
NET INCOME (LOSS)	\$ 5,314.86	\$ 89,314.82

CITY OF HUMBOLDT, TENNESSEE
HUMBOLDT RECYCLING CENTER
BALANCE SHEET
MAY 31, 1993

ASSETS

CURRENT ASSETS

CASH AND CASH EQUIVALENTS	\$	25,376.62
ACCOUNTS RECEIVABLE		67,265.05

TOTAL CURRENT ASSETS	\$	92,641.67

FIXED ASSETS

RECYCLING PLANT & EQUIPMENT	\$	173,836.95
LESS: ACCUM DEPRECIATION		(5,237.64)

	\$	168,599.31
CAPITALIZED INTEREST	\$	(215,910.92)
ACCUMULATED AMORT-CAP INT		53,995.55

	\$	(161,915.37)
TOTAL FIXED ASSETS	\$	6,683.94

TOTAL ASSETS	\$	99,325.61

LIABILITIES & RETAINED EARNINGS

CURRENT LIABILITIES

ACCOUNTS PAYABLE	\$	10,878.60
SURCHARGE PAYABLE TO STATE		3,181.55
PAYROLL WITHOLDING PAYABLE		480.92
DUE TO CITY OF HUM-GEN FUND		3,635,541.65
ACCRUED EXPENSES		(371,236.00)

TOTAL CURRENT LIABILITIES	\$	3,278,853.92

LONG-TERM LIABILITIES

NOTES PAYABLE	\$	(2,458,900.60)

TOTAL LIABILITIES	\$	819,953.24

NET INCOME (LOSS)	\$	89,314.82
RETAINED EARNINGS		(809,942.45)

TOTAL LIAB & RETAINED EARNINGS	\$	99,325.61

MAY 1993

TO PLANT	CURRENT MONTH		Y-T-D	
	TONS	\$	TONS	\$
CITY OF HUMBOLDT WASTE MANAGEMENT	194.83	5,827.90	1582.70	47,265.00
CITY OF BRADFORD	512.45	12,577.76	3644.52	86,281.76
BULLINGTON	33.67	1,010.10	283.70	8,456.40
MERCHANT STATE BANK	7.42	282.60	78.26	2,275.20
TOLLEY SANITATION	0.00	0.00	0.00	0.00
NON-RES TRASH	20.18	605.40	165.14	4,992.65
IND/COMMERCIAL	2.06	70.90	11.10	401.90
RES TRASH	6.30	189.00	42.72	1,296.10
	0.51	0.00	6.70	0.00
PLANT TOTAL	776.62	20,563.66	5,814.84	150,969.01
TOTAL TO LANDFILL				
CITY OF HUMBOLDT WASTE MANAGEMENT	0.00	0.00	1327.63	37,756.50
EMERSON MOTORS	162.18	4,498.00	3370.75	87,273.56
CITY OF BRADFORD	0.00	0.00	5.89	183.50
BULLINGTON	0.00	0.00	123.42	3,539.10
HUMBOLDT GENERAL	0.00	0.00	67.19	1,808.10
HUMBOLDT HOUSING	0.41	0.00	0.50	10.70
HUMBOLDT UTILITIES	15.65	12.30	5.29	164.20
KRAFT	3.51	469.50	615.62	10,093.75
LAS RICH	4.54	105.30	101.21	2,949.60
TOLLEY SANITATION	0.00	136.20	58.12	1,706.85
WILSON	30.40	0.00	68.48	1,978.65
NON-RES TRASH	2.39	912.00	283.08	8,396.25
IND/COMMERCIAL	13.07	75.10	37.14	1,225.00
RES BRUSH	0.00	393.70	1276.60	37,926.10
RES TRASH	14.16	0.00	1.20	0.00
DMPOST	0.00	0.00	159.73	0.00
		0.00	27.38	8,137.70
LANDFILL TOTAL	246.31	6,602.90	7,529.23	211,149.56
TOTAL TO BURNER				
CITY OF HUMBOLDT WASTE MANAGEMENT	158.68	4,704.00	1020.55	30,834.20
HUMBOLDT HOUSING	200.90	6,100.10	1405.10	42,936.26
SONS	0.33	10.40	5.53	182.90
-RES	2.19	65.70	10.09	471.00
/COMMERCIAL	4.02	120.80	12.56	376.70
BRUSH	43.87	1,356.40	105.72	5,522.40
IV FRACTIONS	21.14	0.00	86.46	0.00
	142.54	0.00	839.42	0.00
BURNER TOTAL	573.67	12,357.40	2,726.01	80,323.46
D TOTAL	1596.6	439,523.96	16,070.08	442,442.03

RE TAGES FOR MAY

	TONS	%	Y-T-D
PLANT	776.62		5814.84
TOTAL TO BURNER	573.67		3565.43
COMPOST	0.00		260.83
<hr/>			
TOTAL PLANT & BURNER	1350.29		
COMPOST	0.00	0.00%	260.83
CARDBOARD	26.16	1.94%	219.45
GLASS	26.62	1.97%	208.53
ALUMINUM	0.25	0.02%	15.16
PLASTIC	7.57	0.56%	88.27
STEEL	16.36	1.21%	125.54
TOTAL TO BURNER FROM PLANT	170.86	12.65%	442.61
TOTAL PLANT & BURNER	1350.29		
MINUS RECYCLABLES	76.96	5.70%	
TOTAL TO BURNER PLANT & BURNER	431.13	31.93%	
<hr/>			
TOTAL REDUCTION		37.63%	
TOTAL TO LANDFILL FROM PLANT	842.20	62.37%	
DIRECT TO LANDFILL	250.76		
<hr/>			
TOTAL TO LANDFILL	1092.96		

**CROCKETT COUNTY PERTINENT
SOLID WASTE INFORMATION**

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 TENNESSEE NON-HAZARDOUS WASTE FLOW REPORT

COUNTY OF GENERATION	NUMBER OF FACILITIES	HAULER ID#	AMOUNT OF WASTE (TONS)	TYPE OF WASTE	COUNTY OF DISPOSAL	RECEIVING FACILITY ID#
Coffee	1373	HLR-16-000-1634	48.30	OTHER	Bedford	SNL 02-102-0107
Coffee	5000	HLR-16-000-1635	7,194.83	HOUSE	Bedford	SNL 02-102-0101
Coffee	20	HLR-16-000-1635	72.67	OTHER	Anderson	SNL 01-102-0101
Coffee	2600	HLR-79-000-1795	2,786.00	HOUSE	Rutherford	SNL 75-102-0219
Coffee	200	HLR-79-000-1795	5,944.00	OTHER	Rutherford	SNL 75-102-0219
Coffee	1	HLR-16-000-2012	0.00	TIRES	Bedford	SNL 02-102-0101
Crockett	104	HLR-27-000-0289	1,620.00	OTHER	Dyer	SNL 23-101-0223
Crockett	75	HLR-27-000-0308	52.00	HOUSE	Gibson	SNL 27-101-0229
Crockett	10	HLR-66-000-0935	144.00	OTHER	Obion	SNL 66-101-0143
Crockett	0	HLR-66-000-0935	216.00	HOUSE	Obion	SNL 66-101-0143
Cumberland	5	HLR-53-000-0007	778.20	OTHER	Obion	SNL 66-101-0143
Cumberland	2	HLR-18-000-0009	1,872.00	OTHER	Cumberland	SNL 18-103-0212
Cumberland	1	HLR-18-000-0231	30.00	OTHER	Cumberland	SNL 18-103-0206
Cumberland	4	HLR-18-000-0232	234.65	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	300	HLR-18-000-0234	322.50	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	105	HLR-18-000-0234	107.50	OTHER	Cumberland	SNL 18-103-0212
Cumberland	4	HLR-18-000-0238	3,163.20	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	6	HLR-18-000-0238	4,744.80	OTHER	Cumberland	SNL 18-103-0212
Cumberland	300	HLR-18-000-0239	303.68	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	110	HLR-18-000-0239	112.32	OTHER	Cumberland	SNL 18-103-0212
Cumberland	3022	HLR-18-000-0240	3,306.00	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	35	HLR-18-000-0240	2,078.00	OTHER	Cumberland	SNL 18-103-0212
Cumberland	2600	HLR-18-000-0242	437.50	HOUSE	Cumberland	SNL 18-103-0212
Cumberland	1	HLR-18-000-1607	750.00	OTHER	Cumberland	SNL 18-103-0212
Cumberland	1	HLR-19-000-1636	3.00	OTHER	Rutherford	SNL 75-102-0219
Davidson	1	HLR-60-000-0001	8,800.00	OTHER	Rutherford	SNL 75-102-0219
Davidson	7	HLR-19-000-0124	31.75	OTHER	Davidson	SNL 19-102-0092
Davidson	194	HLR-18-000-0132	12.35	OTHER	Davidson	SNL 18-103-0212
Davidson	41101	HLR-19-000-0248	20,490.52	HOUSE	Davidson	SNL 19-102-0092

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT

WASTE PICKED UP IN CROCKETT COUNTY

HAULER	VOLUME (TONS)	WASTE DISPOSAL SITE
HLR-27-000-0289 WASTE MANAGEMENT OF JACKSON 137 LAWRENCE SWITCH ROAD PO BOX 1642 JACKSON, TN 38301	?	Dyer Co. (?)
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-66-000-0935 BARKER BROTHERS WASTE INC PO BOX 317 TROY, TN 38260	20,280	SNL 66-101-0143 BARKER BROTHERS WASTE INC SCOTT BARKER 947 WILLITT ROAD TROY, TN 38260-
HLR-27-000-0308 LOWERY'S GARBAGE SERVICE ROUTE 1 BOX 267 BELLS, TN 38006	?	SWP 27-101-0229 HUMBOLDT RECYCLING CENTER HON JESS PRITCHARD MAYOR OF HUMBOL 1421 OSBORNE STREET HUMBOLDT, TN 38343-

CK#1014
6/3/93

WASTE MANAGEMENT OF TN-JACKSON
137 LAWRENCE SWITCH ROAD
JACKSON, TN 38301

26-May-93

BEGINNING BAL
PAYMENT RECEIVED
AMOUNT PAST DUE

0.00

309 310/311

CURRENT CHARGES

5,463.52

BELLS 0032665

5,463.52

034344

CITY OF BELLS
CITY HALL
BELLS, TN 38261
ATTN: ACCOUNTS PAYABLE

WASTE MANAGEMENT OF TN-JACKSON
P.O. BOX 1642
JACKSON, TN 38301

WASTE MANAGEMENT OF TN-JACKSON
JACKSON, TN 38301
PHONE: 1-800-356-2924
CONTACT: GERALDINE THOMPSON

26-May-93
CITY OF BELLS
CITY HALL
BELLS, TN 38261
CUST #

ITEM DESCRIPTION		AMOUNT
L .TAINER SERVICE	05/01/93 - 05/30/93	1,719.03
RESIDENTIAL SERVICE	05/01/93 - 05/30/93	2,848.04
630 @ \$4.5217		113.02
25 @ \$4.52	OUTSIDE CITY	
COMMERCIAL HAND COLLECTION	05/01/93 - 05/30/93	
23 @ \$5.765 (2 CANS)		132.60
2 @ \$6.92 (3 CANS)		13.86
BELLS CAR WASH (CART)		11.51
DISPOSAL - RESIDENTIAL	05/01/93 - 05/30/93	625.46

TOTAL CURRENT CHARGES 5,463.52

TERMS: TOTAL AMOUNT DUE 10 DAYS FROM DATE OF INVOICE 5,463.52

APPENDIX C: PUBLIC PARTICIPATION ACTIVITIES

On June 21, 1994 at 6:00 p.m., CST, after ample notification through local news media, a Public Hearing was held at the Crockett County Courthouse. Enclosed in the appendix are copies of the newspaper notices announcing and inviting the public to the Public Hearing. There were no participants and the meeting was adjourned at 7:00 p.m., CST.

**PUBLIC HEARING
CROCKETT/DYER/GIBSON
SOLID WASTE
MANAGEMENT PLAN**

The Crockett/Dyer/Gibson Solid Waste Management Commission is hereby notified that the Crockett/Dyer/Gibson County Board of Supervisors has adopted the following resolution on JUNE 17, 1994, at 1:00 P.M. concerning the adoption of a local non-hazardous solid waste management plan for each of the above described geographical entities as required by the Solid Waste Management Act of 1991: (T.O.S. 85-31-97-95 and 96-31-815).

Under the Act, each county acting alone or through a regional board or a regional authority must prepare a local Solid Waste Management Plan and submit it to the Tennessee Department of Environment/Conservation for approval by July 1, 1994. Each county has become a member of and participated in the incorporation of the Crockett/Dyer/Gibson Solid Waste Management Region, and has directed the Region Board to prepare on behalf of each member of local and regional Solid Waste Management Plan.

The plan is available for inspection during normal business hours in the office of the County Executive of each county mentioned above. In addition to this public hearing, public comments will be accepted in writing no later than JUNE 17, 1994, by submitting them to the Crockett/Dyer/Gibson County Office, P.O. Box 3001, Dyersburg, Tennessee 38017.

The purpose of this hearing is to explain the plan and receive comments from the public regarding the aspects of the plan. Upon arrival at the public hearing, everyone will be asked to register and to note if they expect to make a statement. Statements will be received in the order of registration. However, everyone will be given an opportunity to comment. Comments should be as brief as possible, and should be presented in writing if preferred. All comments made during this public hearing will be noted and be made a part of the public record in this matter. Before making any decision, the Board will consider all issues and comments raised regarding the plan.

June 3, 1994

I, Ewell Balltrip, publisher of The State Gazette, a newspaper published at Dyersburg, Tennessee, hereby certify that the annexed advertisement has been published day consecutive weeks

in said paper on the following dates: June 3 1994 and that the fee

\$ 25.95 (has, has not) been paid.

this 6 day of June, 1994
Patricia Hendrix, Notary Public

Commission Expires 6/24/95

PUBLISHER'S AFFIDAVIT
The Jackson Sun

JACKSON, TENN.

State of Tennessee, }
 County of Madison }

Before me, a notary public for the state and county aforesaid, personally appeared
Sela Bates who, being duly sworn, deposed and says:
 That he/she is the ad mfr. of The Jackson Sun, a
 daily newspaper published in the City of Jackson, County and state aforesaid, and that the
 advertisement of Adrian Co. Machine was published in said paper

one times, to-wit:

Date	Size	Position	Number of Headline of Copy
26-5-94	1 col.	Legal	21439

Sela Bates

(Signature of Newspaper Representative)

Sworn to and subscribed before me this 6
 day of JUNE A.D. 19 94

IN TESTIMONY WHEREOF, I have hereunto set my
 hand and seal the day and year aforesaid.

W. Dale

(Notary Public)

My Commission expires 8/24 1996

PUBLIC HEARING
CONCERNING THE PROPOSED
AMENDMENT TO THE
CONSTITUTION OF THE
STATE OF TENNESSEE
RELATIVE TO THE
REGULATION OF THE
INDUSTRY OF
HAZARDOUS SOLID WASTE
MANAGEMENT

Under the authority of the Tennessee Department of Environment and Conservation, a public hearing will be held on July 1, 1994, at the County Courthouse, Jackson, Tennessee, to hear testimony from interested parties regarding the proposed amendment to the Tennessee Constitution. The hearing will be held from 9:00 a.m. to 12:00 p.m. The hearing is open to the public. For more information, contact the Tennessee Department of Environment and Conservation, 1000 North 2nd Street, Nashville, Tennessee 37203. Telephone: (615) 253-1315. Fax: (615) 253-1316.

APPENDIX D: EXPORTS AND IMPORTS

Due to the fact that the region plans to meet part of the projected demand for treatment and disposal capacity by exporting waste to another region, namely Obion County, documents showing the concurrence of the importing region will be forwarded after the submission of this plan. The Lake, Weakley, and Obion County Regional Solid Waste Planning Authority was unable to finalize their plan by the July 1, 1994 deadline and therefore have not adopted the proper resolutions as required by the "Guidelines".

To date, Mr. Bill Martell with JIG (Atlanta, GA) who is the project engineer in charge of the formulation of the regional plan for Obion County, has been contracted and made aware of the need. In addition, Mr. Bill Bethel has been contacted.

APPENDIX E. REVIEW BY APPROPRIATE MUNICIPAL OR REGIONAL PLANNING COMMISSION

To demonstrate that the Regional Solid Waste Plan, as submitted to the appropriate local planning commission for review and adoption, the following cover letters are being submitted as part of this plan.

1. The cover letter explaining the reasons for the submission of the plan and the limitations of the review by the planning commission for each county and municipality in the region were sent to the following.

Alamo
Bells
Friendship
Gadsden
Maury City
Dyersburg
Newbern
Trimble
Obion
Bradford
Dyer
Humboldt
Gibson
Medina
Milan
Rutherford
Trenton
Yorkville

2. Resolutions from each County Commission adopting the Regional Solid Waste Plan are presented in Appendix A.



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Tommy Green
c/o County Commission
119 W. Main Street
Alamo, TN 38001

RE: Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties

Dear Mayor Green:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

Your planning commission's review requirement is based on Tennessee's Regional (TCA 13-3-101 et seq.) and Municipal (TCA 13-4-101 et seq.) planning statutes which emphasize that planning documents which may affect the future of a given area be available to relevant local planning commissions for review and comment. The law does not require planning commissions to approve solid waste plans nor does it require planning commissions to comment on the solid waste plans.

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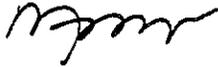
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June 23, 1994
Page 2

Therefore, attached you will find a copy of the Executive Summary which includes "the Plan" for your perusal and comments. You may submit comments to our office in writing through the end of June, 1994. These comments will be included in the entire Regional Solid Waste Management Plan" which is to be submitted to the State for review on July 1, 1994.

Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Harold Craig
c/o County Commission
Post Office Box 380
Bells, TN 38006

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Craig:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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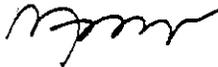
June 23, 1994

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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 22, 1994

Mayor Casey Burnett
c/o County Commission
Post Office Box 265
Friendship, TN 38034

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Burnett:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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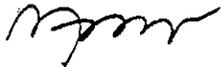
June 23, 1994

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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Tommy Smith
c/o County Commission
Post Office Box 158
Gadsden, TN 38337

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Smith:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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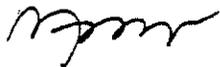
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor George E. Simmons
c/o County Commission
Post Office Box 245
Maury City, TN 38050-0245

**RE: Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Simmons:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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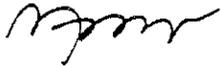
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 22, 1994

Mayor Bill Revell
c/o County Commission
Post Office Box 1358
Dyersburg, TN 38025-1358

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Revell:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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ENVIRONMENTAL • STRUCTURAL • CIVIL • SURVEYING • LAND PLANNING

5909 SHELBY OAKS DRIVE • STE. 102 • MEMPHIS, TN 38134 • 901-372-0404 • FAX (901) 373-4002

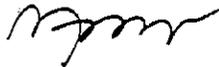
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 22, 1994

Mayor Joe Adams
c/o County Commission
Post Office Box 460
Newbern, TN 38059

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Adams:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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June 23, 1994

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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Chris Young
c/o County Commission
Post Office Box 215
Trimble, TN 38259

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Young:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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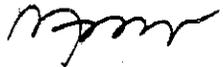
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Glen Parnell
c/o County Commission
Post Office Box 547
Obion, TN 38240

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Parnell:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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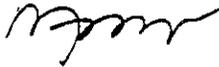
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor W. Floyd Brown, Jr.
c/o County Commission
Post Office Box 87
Bradford, TN 38316

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Brown:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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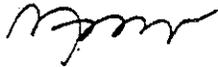
June 23, 1994

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ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Don Holland
c/o County Commission
123 East Maple Street
Dyer, TN 38330

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Brown:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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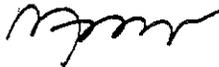
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ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Martha Hawks
c/o County Commission
1421 Osborne Street
Humboldt, TN 38343

RE: Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties

Dear Mayor Hawks:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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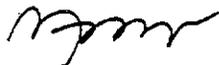
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Sincerely,

ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askev, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Wallace Keymon
c/o County Commission
Post Office Box 324
Gibson, TN 38338

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Keymon:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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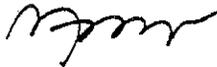
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ASKEW RICHARDSON HARGRAVES & ASSOCIATES



Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
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HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Michael Prestininzi
c/o County Commission
Post Office Box 420
Medina, TN 38343

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Prestininzi:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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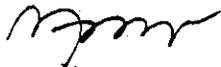
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Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
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HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Don Farmer
c/o County Commission
1061 South Main
Milan, TN 38358

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Farmer:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
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HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Robert J. Eddlemon
c/o County Commission
Post Office Box E
Rutherford, TN 38369

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Eddlemon:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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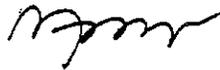
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Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
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& ASSOCIATES

June 23, 1994

Mayor Tommie Goodwin
c/o County Commission
309 South College Street
Trenton, TN 38382

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Goodwin:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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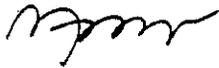
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Mark W. Askew, P.E.
Managing Partner

MWA/jh



ASKEW
RICHARDSON
HARGRAVES
& ASSOCIATES

June 23, 1994

Mayor Robert Galloway
c/o County Commission
Post Office Box 177
Yorkville, TN 38389

RE: **Review of Regional Solid Waste Management Plan for
Crockett, Dyer, and Gibson Counties**

Dear Mayor Galloway:

Pursuant to the Chapter XII and Appendix E of the Guidelines for Preparation of a Municipal Solid Waste Plan, there is a requirement for submission of "The Plan" (as approved by the County Commission) to the appropriate local Regional or Municipal Planning Commissions (p. 54 and 60). The Department expects and prefers this requirement for submission to the various planning commissions in the region be met prior to "the Plan's" submission to the State. (July 1, 1994)

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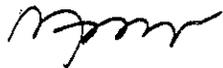
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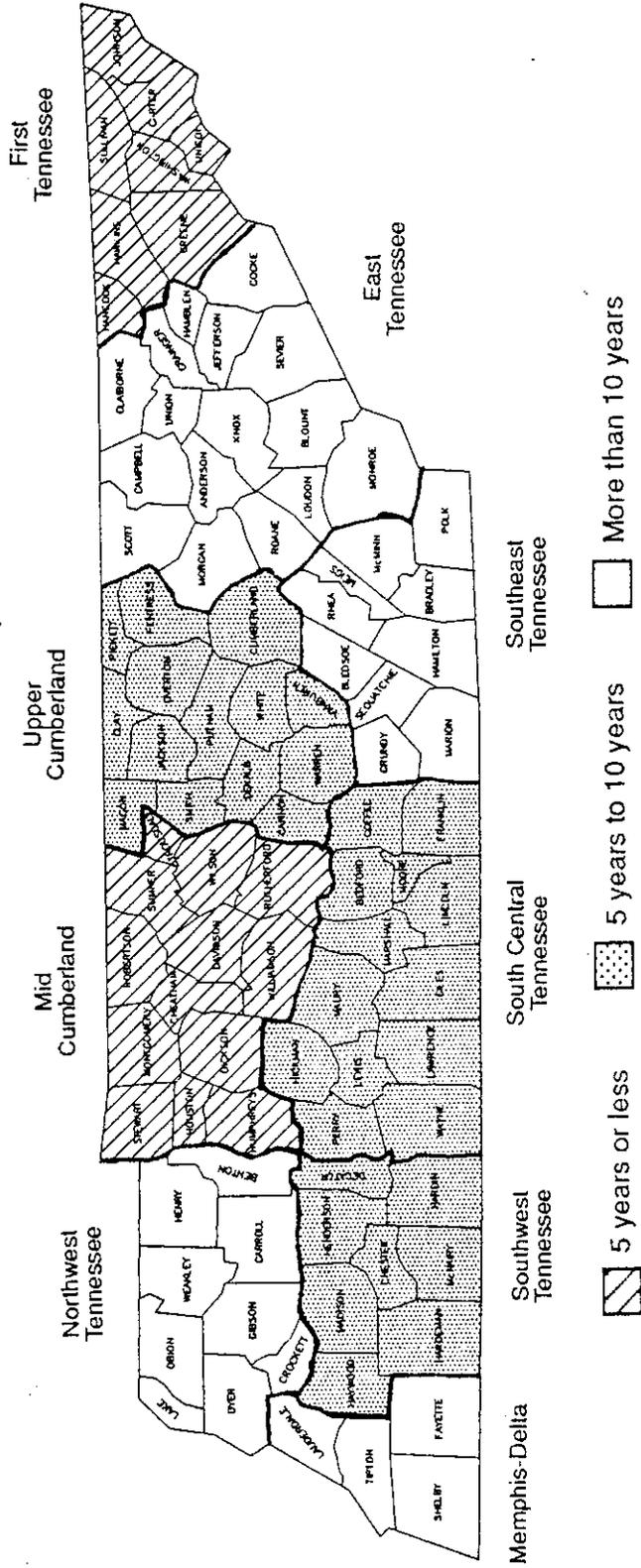
ASKEW RICHARDSON HARGRAVES & ASSOCIATES



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Expected Life of Tennessee Landfills, by Development District



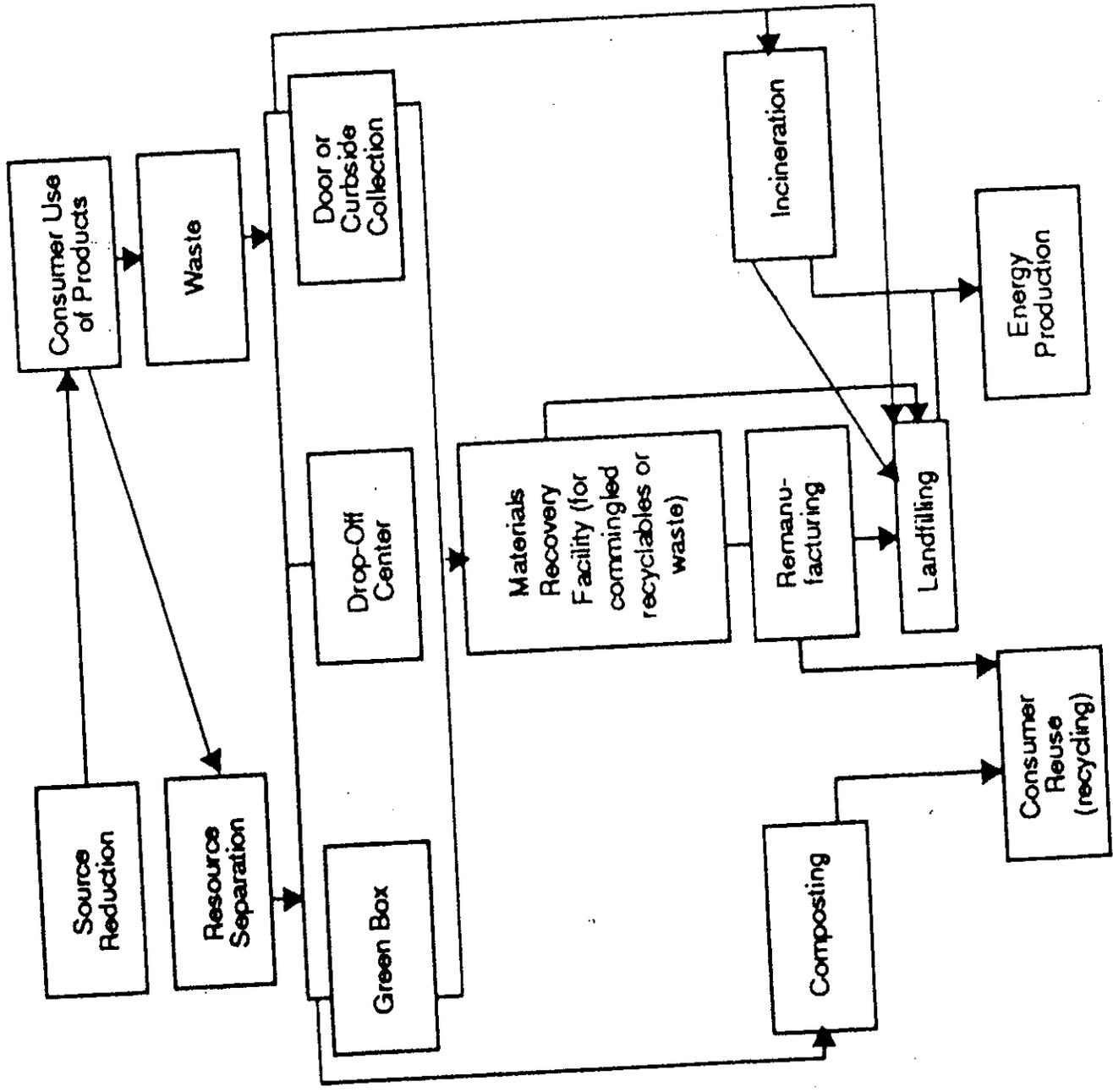
Note: The expected life of individual landfills will not necessarily correspond to the regional totals shown in this figure.

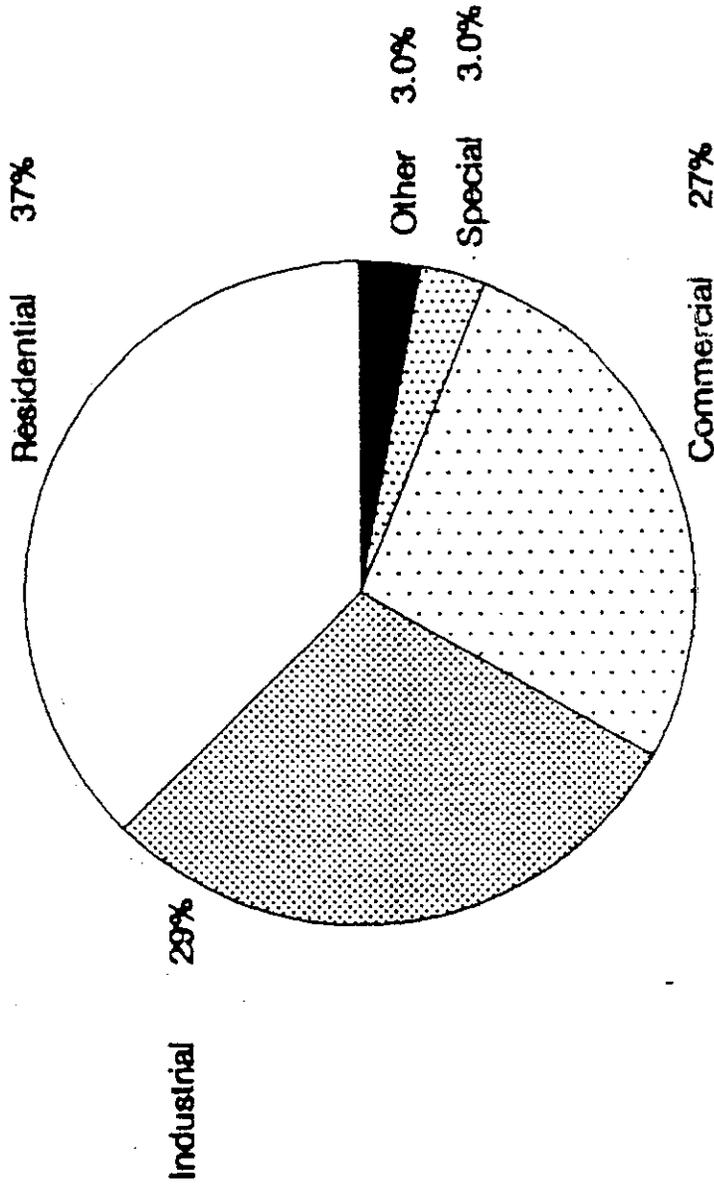
Materials in Municipal Solid Waste, 1988

Materials	Generation (million tons)	Recovery (million tons)	Recovery (percentage of generation)
Paper & Paperboard	71.8	18.4	25.6
Glass	12.5	1.5	12.0
Metals			
Ferrous	11.6	0.7	6.0
Aluminum	2.5	0.8	32.0
Other Nonferrous	1.1	0.7	63.6
Plastics	14.4	0.2	1.4
Rubber & Leather	4.6	0.1	2.2
Textiles	3.9	0.0	0.0
Wood	6.5	0.0	0.0
Other Nonfood Materials	3.1	0.7	22.6
Other Wastes			
Food Wastes	13.2	0.0	0.0
Yard Wastes	31.6	0.5	1.6
Misc. Inorganic Wastes	2.7	0.0	0.0
Totals	179.7	23.5	13.1

Source: EPA, Characterization of Municipal Solid Waste in the United States: 1990 Update (EPA/530-SW-90-042), pages 10-11.

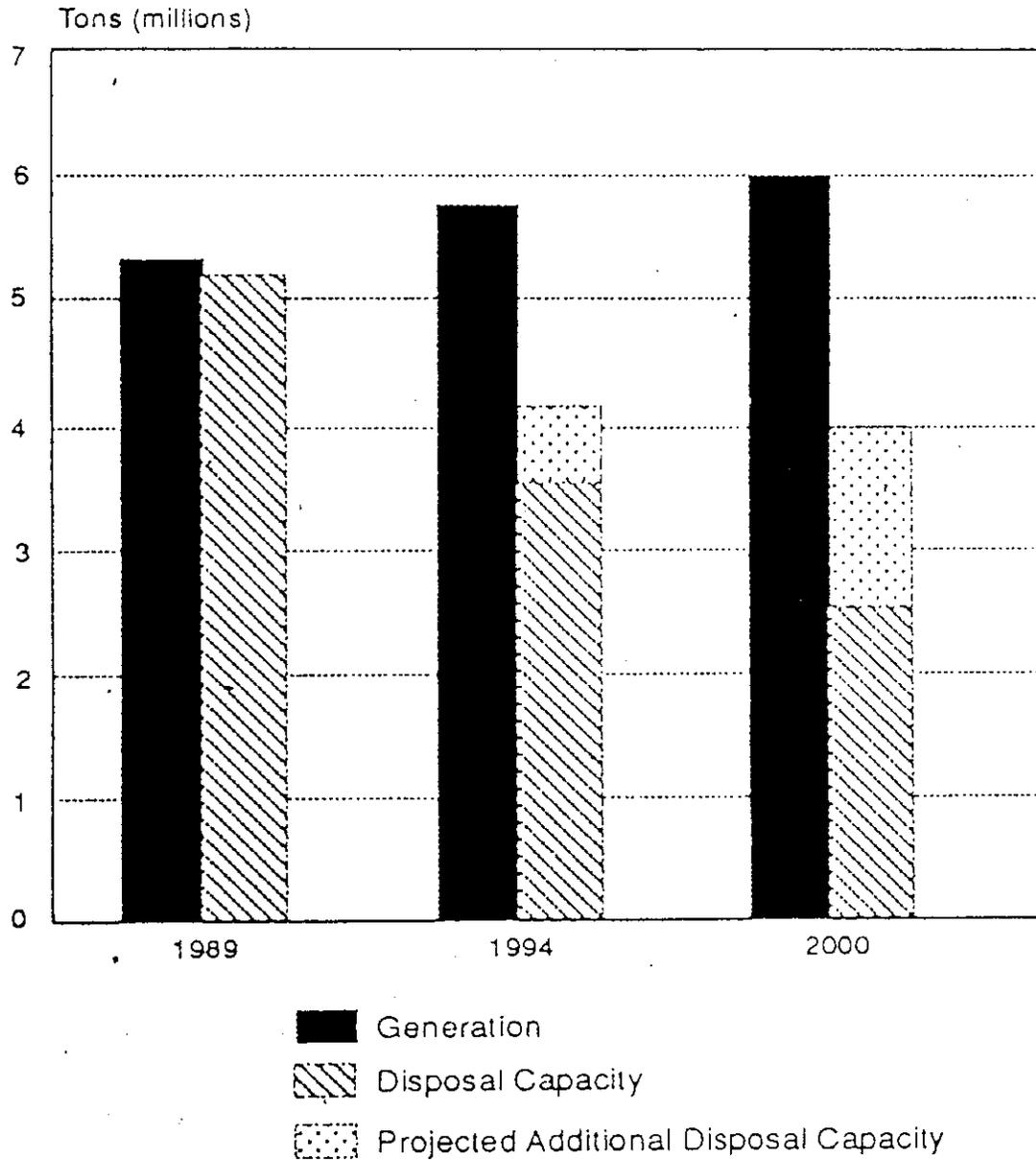
A Materials - Management Framework





**Origin of Solid Waste
Disposed in Tennessee**

Projection of Solid Waste Generation and Disposal Capacity



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

SUBJECT: QUANTITY OF SOLID WASTE RECEIVED FOR DISPOSAL / INCINERATION
IN CALENDAR YEAR 1991

COUNTY: ALL

TABLE II-1

COUNTY	TONS DISPOSED (TPY)	POPULATION	WASTE DISPOSED PER CAPITA (TPY)
CROCKETT	7,730 *	13,216	0.58
DYER	54,750 **	38,490	1.42
GIBSON	27,482 *	46,069	0.60
REGIONAL TOTALS	89,962	97,775	0.92

* FROM THE NEEDS ASSESSMENT REPORT.

** THE POTENTIAL WASTE GENERATED BASED ON U.T. FIGURES AT 6 LBS. PER DAY PER PERSON FOR 365 DAYS. AND SURVEYS OF WASTE STREAM BY ENGINEER OF REPORT OF EXISTING FACILITIES. IN ADDITION, MR. BILL BETHEL, SOLID WASTE PLANNER, NORTHWEST TENNESSEE DEVELOPMENT DISTRICT, STATED THAT THERE APPEARED TO BE SOME DUPLICATION OF QUANTITIES IN THE NEEDS ASSESSMENT REPORT AND THE QUANTITIES AS SHOWN ABOVE MORE ACCURATELY REFLECT DYER COUNTY'S DISPOSAL RATE FOR 1991.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

SUBJECT: ORIGIN OF REGIONAL SOLID WASTE IN 1991

COUNTY: ALL

TABLE II-2

TONS PER YEAR

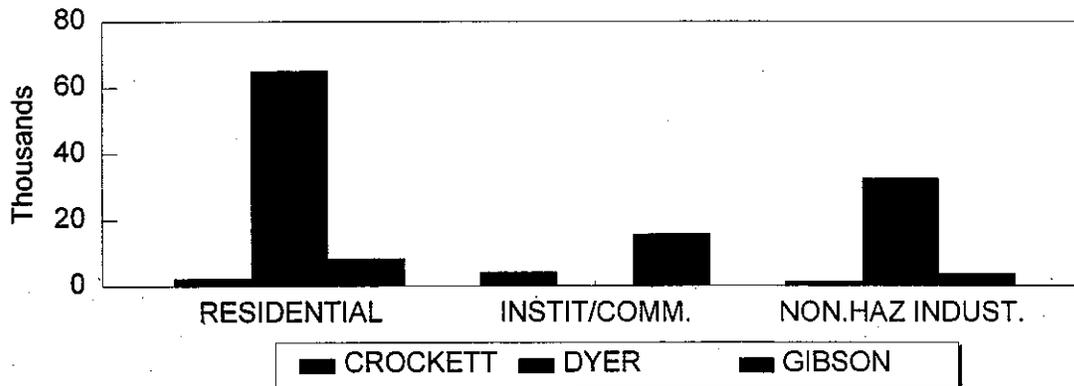
COUNTRY	RESIDENTIAL	INSTITU./ COMM.	NON-HAZ. INDUSTRIAL	SPECIAL (SEE NOTE 1)	OTHER
CROCKETT	2,181	4,149	1,400	0	0
DYER	36,000	0	17,984	0	766 *
GIBSON	8,245	15,665	3,572	0	1,370 **
REGIONAL TOTALS	46,426	19,814	22,956	0	2,136
% OF TOTAL	56	15	28	0	2

(1) SPECIAL IS DEFINED AS "NON-HAZARDOUS INDUSTRIAL SOLID WASTES WHICH MAY BE BURIED IN A LANDFILL PROVIDED THE GENERATOR RECEIVES CONSENT OF THE OPERATOR AND THE STATE.

*5% OF 27,405 TPY FROM CITY LANDFILL

**YARD AND DEMOLITION

ORIGINS OF REGIONAL SOLID WASTE



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

SUBJECT: ACCEPTANCE OF CERTAIN CATEGORIES OF SOLID WASTE
FOR DISPOSAL OR INCINERATION

COUNTY: ALL

TABLE II-3

COUNTY	YARD WASTE (CLIPPINGS, LEAVES, GRASS)		SEWAGE SLUDGE		CONSTRUCTION DEMOLITION		TIRES		WHITE GOODS**	
	Y/N	QUANTITY (TPY)	Y/N	QUANTITY (TPY)	Y/N	QUANTITY (TPY)	Y/N	QUANTITY (TPY)	Y/N	QUANTITY (TPY)
CROCKETT	N	0	N	0	N	0	N	0	N	0
DYER	Y	1350	N	0	Y	1370	Y	20	?	?
GIBSON	Y	1100	N	0	Y	2012.4	N	0	N	0
REGIONAL TOTALS		2450		0		3382		20		0

** "WHITE GOODS" - DISCARDED MAJOR APPLIANCES SUCH AS WASHING MACHINES
DRYERS, REFRIGERATORS, ETC.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

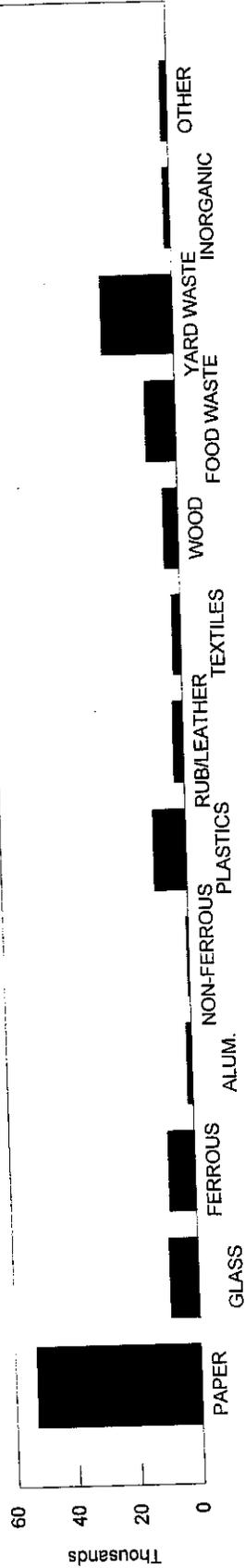
TOPIC: WASTE STREAM CHARACTERIZATIONS
 SUBJECT: DESCRIPTION OF WASTE STREAM BY MATERIALS
 COUNTY: ALL

TABLE II.4

MATERIAL	PAPER PAPERBOARD	GLASS	FERROUS METALS	ALUMINUM	OTHER NON-FERROUS METALS	PLASTICS	RUBBER & LEATHER	TEXTILES	WOOD	FOOD WASTE	YARD WASTE	MISC. INORGANIC WASTE	OTHER
NATIONAL %	40.0	7.0	6.3	1.4	0.6	8	2.5	2.1	3.6	7.4	17.6	1.5	1.7
CROCKETT	0	541	502	108	46	618	193	162	276	572	1360	116	131
DYER	21709	3799	3529	760	326	4342	1386	1140	1954	4016	9558	814	923
GIBSON	10993	1924	1786	385	165	2199	687	577	989	2034	4837	412	467
REGIONAL TOTALS	32702	6264	5817	1253	537	7159	2266	1879	3221	6622	15755	1342	1521

NOTE: ALL MATERIALS WERE ESTIMATED IN THE "NEEDS ASSESSMENT" BY USING THE NATIONAL %'S AND TOTAL WASTE FOR EACH COUNTY.

DESCRIPTION OF WASTE STREAM BY MATERIALS



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

SUBJECT: REGIONAL UNMANAGED WASTE *

COUNTY: ALL

TABLE II-5

COUNTY	POTENTIAL WASTE GENERATION 1991 TPY (NOTE #1)	ACTUAL WASTE DISPOSED 1991 TPY	UNMANAGED WASTE* 1991 (POTENTIAL/ACTUAL) TPY	PERCENT OF POTENTIAL TOTALS %
CROCKETT	14,472	7,730	6,742 **	47
DYER	42,147	54,750	(12,603)	-3.34
GIBSON	50,402	27,482	22,920 **	45
REGIONAL TOTALS	107,021	89,962	17,059	-23.96

*WASTES THAT ARE "OUTSIDE" THE COLLECTION SYSTEM, I.E. ROADSIDE DUMPS, LITTER, ETC.
**POTENTIAL WASTES

(1) USING THE FIGURE OF 6/LBS/DAY/PERSON AS REPORTED IN THE UNIVERSITY OF TENNESSEE REPORT: "MANAGING OUR WASTE: SOLID WASTE PLANNING FOR TENNESSEE." SECTION ENTITLED "BOX 2. SOLID WASTE DEFINITION" FOUND ON PAGE "SNAPSHOT - 3".

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

**SUBJECT: REGIONAL OPERATING AND PLANNED COMPOSTING FACILITIES
EXISTING FACILITIES**

COUNTY: ALL

TABLE II-6A

COUNTY	FACILITY LOCATION	TONS OF WASTE PROCESSED/YEAR	COMPOSTED MATERIALS		
			YARD WASTE	SEWAGE SLUDGE	SOLID WASTE
CROCKETT	NONE				
DYER	NONE				
GIBSON	NONE				
REGIONAL TOTALS					

TOPIC: WASTE STREAM CHARACTERIZATIONS

**SUBJECT: REGIONAL OPERATING AND PLANNED COMPOSTING FACILITIES
PLANNED FACILITIES**

COUNTY: ALL

TABLE II-6B

COUNTY	FACILITY LOCATION	TONS OF WASTE PROCESSED/YEAR	COMPOSTED MATERIALS		
			YARD WASTE	SEWAGE SLUDGE	SOLID WASTE
CROCKETT	NONE				
DYER	NONE				
GIBSON	NONE				
REGIONAL TOTALS					

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERIZATIONS

SUBJECT: REGIONAL SOLID WASTE INCINERATORS OR WASTE-TO-ENERGY FACILITIES

COUNTY: ALL

**OPERATING FACILITIES
TABLE II-7A**

COUNTY	NAME OF FACILITY	FACILITY LOCATION	DESIGN CAPACITY (TPY)	CURRENT USE (TYP)	ANTICIPATED OPERATING LIFE OF FACILITY
CROCKETT	NONE				
DYER	NONE				
	AIR CURTAIN DESTRUCTOR see note (1)	TRENTON, TN	N/A	2,080	10 YRS.*
GIBSON	HUMBOLDT RECYCLING PLANT see note (2)	HUMBOLDT, TN	36,000	9,600	10 YRS.*

*BASE YEAR 1991

- (1) A. OPEN PIT BURNING TYPE
 B. HANDLES INDUSTRIAL WASTE (3 TPD)
 & YARD WASTE (5 TPD)
 C. NO ENERGY IS RECOVERED
 D. NO TIPPING FEE
 E. OWNER: CITY OF TRENTON
 F. COST: \$68,000
 G. ANNUAL OPERATING COST: \$4,000
 H. IN OPERATION 4 YEARS

- (2) A. WASTE-TO-ENERGY TYPE (PRODUCE RDF FUEL PELLETS)
 B. HANDLES RESIDENTIAL WASTE ONLY (37 TPD)
 C. ENERGY IS RECOVERED BY REFUSE DERIVED FUEL PELLETS.
 (MARKET: MARTIN MARIETTA & ARMY AMMUNITION PLANT)
 D. TIPPING FEE: \$25.85/TON
 E. OWNER: CITY OF HUMBOLDT
 F. COST: \$3.1 MILLION
 G. OPERATING COST: N/A
 H. CAPACITY IS 150 TPD RUNNING 3 SHIFTS

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERISTICS

SUBJECT: EXISTING MUNICIPAL SOLID WASTE LANDFILLS IN THE REGION

COUNTY: DYER

TABLE II-8B

NAME OF LANDFILL	LANDFILL LOCATION	CLASS.	PERMITTED CAPACITY (ACRES)	CURRENT RATE OF WASTE ACCEPTED	REMAINING CAPACITY (YRS)	TIPPING FEE
WEST TN LANDFILL, INC. (SEE NOTE 1)	4 MILES SOUTH OF DYERSBURG AT FOUR POINTS OFF HWY 210	I	70	100 TPD	30	\$6.00/TON-COMP. \$4.50/TON-UNCOMP.
DYER MUNICIPAL LANDFILL (SEE NOTE 2)	SORREL'S CHAPEL ROAD	I	55	105 TPD	17	\$24.00/TON
REGIONAL TOTALS			125	205 TPD		

NOTE 1. A. PROFILE: WEST TN. LANDFILL, INC.
 B. OWNER: JERE T. KIRK
 C. GEOGRAPHIC SERVICE AREA: DYER CO., LAKE CO., CROCKETT CO. SHELBY CO.
 D. SOURCE OF WASTE:

RESIDENTIAL	2%
COMMERCIAL	40%
INSTITUTIONAL	0.5%
INDUSTRIAL	57.5%

E. ACCEPTS:
 CLEARING WASTES, BRUSH, LEAVES, ETC.
 DEMOLITION WASTES
 SPECIAL WASTES(?)
 ASBESTOS
 CONTAMINATED SOILS
 SCRAP TIRES
 F. NO LIMITS OF QUANTITY OF SPECIAL WASTE FROM A SINGLE SOURCE
 G. FACILITY PLANS TO OPERATE UNDER NEW REGULATIONS AFTER MARCH 18, 1994
 H. NO TRUCK SCALES

NOTE 2. A. OWNER: DYERSBURG MUNICIPALITY
 B. GEOGRAPHIC SERVICE AREA: DYERSBURG, DYER CO.
 C. SOURCE OF WASTE:

RESIDENTIAL	50%
COMMERCIAL	40%
INSTITUTIONAL	5%
INDUSTRIAL	5%

D. ACCEPTS:
 CLEARING WASTES, ETC.
 DEMOLITION WASTES
 *NO OUT OF COUNTY WASTES
 SCRAP TIRES (20 TPY)
 E. CAPITAL COST: \$400,000
 F. OPERATING COST: \$188,590/ YEAR
 G. AVERAGE COST PER TON TO DISPOSE: \$10.17
 H. FACILITY WILL OPERATE UNDER NEW REGULATIONS
 I. NO TRUCK SCALES

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERISTICS

SUBJECT: EXISTING MUNICIPAL SOLID WASTE LANDFILLS IN THE REGION

COUNTY: GIBSON

TABLE II-9C

NAME OF LANDFILL	LANDFILL LOCATION	CLASS	PERMITTED CAPACITY (ACRES)	CURRENT RATE OF WASTE ACCEPTED	REMAINING CAPACITY (YRS)	TIPPING FEE
MILAN LANDFILL	MILAN, TN	I	5	20-30 TYD	2	\$22 / TON
MILAN ARMY AMMUNITION PLANT	5 MI. SE OF MILAN	II	?	1 TYD	6	NO
HUMBOLDT RECYCLING PLANT	HUMBOLDT, TN	I	14	66 TYD	?	\$25.85 / TON

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERISTICS

SUBJECT: EXISTING LANDFILLS EXPECTED TO CLOSE BEFORE 2003

COUNTY: ALL

TABLE II-9

COUNTY	LOCATION	CURRENT USE (TONS/DAY)	CURRENT ANNUAL USE (TONS/YEAR)	ANTICIPATED DATE OF CLOSURE
GIBSON	HUMBOLDT	55 T/D	14,355	1994
GIBSON	MILAN	30 T/D	7,330	1996
REGIONAL TOTAL		85 T/D	21,685	

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE STREAM CHARACTERISTICS

SUBJECT: PLANNED EXPANSIONS AND PLANNED NEW FACILITIES WHICH WILL OPERATE TEN YEARS OR MORE

COUNTY: ALL

TABLE II-10

COUNTY	PROPOSED FACILITY		LOCATION	WHEN WILL CAPACITY BE AVAILABLE	PERMITTED CAPACITY SOUGHT (acre)	DESIGN RATE OF WASTE (tpd) DISPOSED	POTENTIAL EXPANSION YES/NO
	EXPAN	NEW					
DYER	X		DYERSBURG CITY LANDFILL	1996	70	100	YES*
DYER	X		WEST TN. LANDFILL, INC.		55	105	YES*
PLANNED NEW REGIONAL CAPACITY							

* LANDFILL HAS BEEN PERMITTED FOR 'SUBTILE D' EXPANSION. UNKNOWN HOW MUCH EXPANSION WILL ACTUALLY OCCUR DUE TO COST IMPLICATIONS.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE REDUCTION - DISPOSAL CAPACITY

SUBJECT: TOTAL EXISTING & PLANNED CAPACITY IN THE REGION
AT CLOSE OF NEXT TEN YEARS

COUNTY: ALL

TABLE II-11

YEAR	EXISTING	PLANNED	TOTAL
FY 1993	60,190		60,190
FY 1994	60,190		60,190
FY 1995	60,190		60,190
FY 1996	52,510*		52,510
FY 1997	52,510		52,510
FY 1998	52,510		52,510
FY 1999	52,510		52,510
FY 2000	52,510		52,510
FY 2001	52,510		52,510
FY 2002	52,510		52,510
FY 2003	52,510		52,510

*WEST TN LANDFILL (FOR DYERSBURG) AND DYERSBURG CITY LANDFILL ON SUBTITLE D.

NOTE: ALL WASTE IN DYER COUNTY (42,147 TPY) WILL BE DIVERTED TO DYER CO. LANDFILLS.
ALL REMAINING WASTE TO BE EITHER TRANSPORTED TO WEST TN. LANDFILL OR LANDFILLS
OUTSIDE OF REGION.

CHAPTER THREE: GROWTH TRENDS, WASTE PROJECTS, AND PRELIMINARY SYSTEM STRUCTURE:

A study of the Regional growth trends as shown in the following charts indicate that the population of the tri-county region will only increase slightly over the next ten years and during the mid-term of the upcoming decade, may slightly decrease. Based on these projections, the waste generation should remain fairly constant. However, the current waste generation does not include the 25% reduction nor the requirement that 90% of all residences be served, which would have the net effort of increasing the volume of waste generated.

The main elements involved in the existing and future system structure for this region are as follows:

1. Dyersburg City Landfill: Permitted for Sub-title D
2. Jere Kirke's landfill (Dyer Co.): Permitted for Sub-title D
3. Humboldt Recycling Center: Closed Spring of 1994 but plans to reopen this year under a lease agreement with appropriate management group experienced in running a recycling center.
4. Milan and Newbern landfills: Both of the facilities plan on changing to a Class III or IV landfill in 1996.
5. City of Dyersburg already has a collection system in operation that could serve Dyer County as well.
6. Two major private haulers in the area are eager to expand services into the rural areas of Dyer and Gibson County.
7. Major haulers already have adequate service established in all municipalities.

With the following information listed above (with the exception of the closing of the recycling center in Humboldt) a preliminary plan was presented and approved by the regional planning board at the November, 1993 monthly meeting and is as outlined below.

In order for Dyersburg landfill and the landfill owned by Jere Kirk in Dyer County to be able to become a regional Sub-title D landfill, all of the waste generated within the region would have to be "controlled" and sent to these two landfills. This would mean an increase from about 70 tons per day to 130 tons per day at each landfill. The private haulers were asked to provide the transportation as they now do, but would not have an option to send the waste collected out of the region. In addition, the recycling center at Humboldt would serve as the recycling center for the region. The landfills at Milan and Newbern would become the Class III or IV landfills that would accept yard waste and construction waste.

After reviewing the needs of the counties and determining that Dyersburg would not accept waste from other counties, it was determined that a much more "flexible" plan would need to be adopted. This is presented in Chapter Five.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: GROWTH TRENDS AND WASTE PROJECTIONS

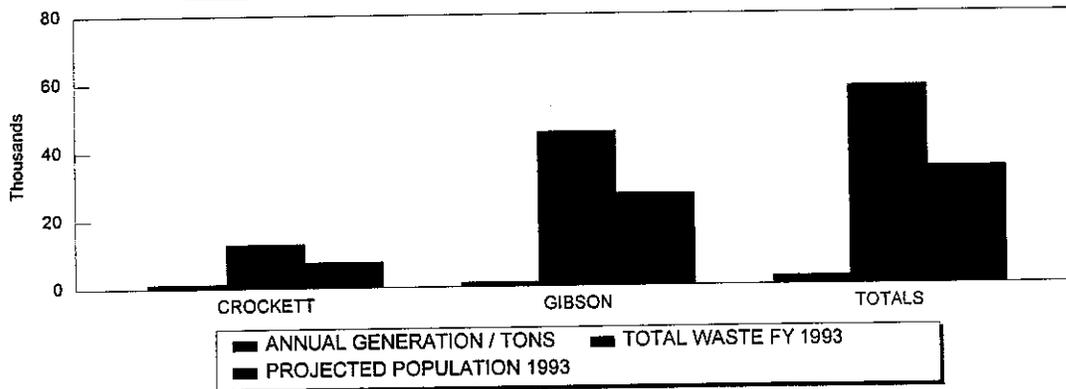
SUBJECT: SUMMARIZED ANNUAL PER CAPITA SOLID WASTE GENERATION RATES

COUNTY; ALL

TABLE III-1

COUNTY	PROJECTED TOTAL WASTE DISPOSED IN FY 1993 TONS	PROJECTED POPULATION FY 1993	ANNUAL PER CAPITA GENERATION TONS/PERSON/YEAR
CROCKETT	7,482	12,900	.58
DYER	55,820	40,432	1.38
GIBSON	27,113	45,467	.60
TOTALS	90,415	98,799	0.92

ANNUAL SOLID WASTE GENERATION RATES



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: GROWTH TRENDS AND WASTE PROJECTIONS

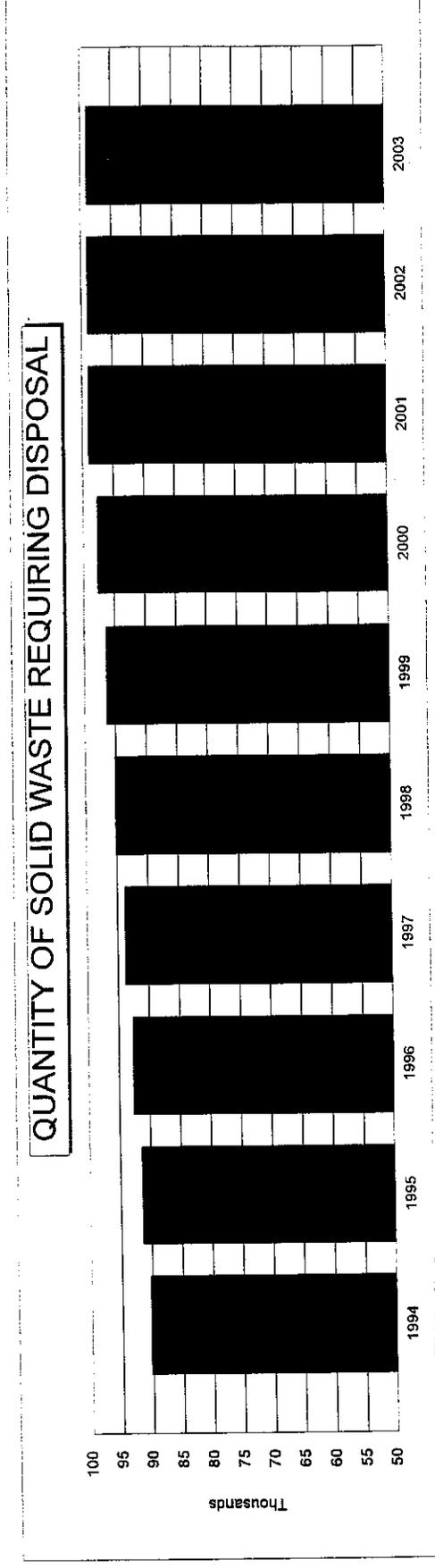
SUBJECT: REGIONAL SUMMARY OF PROJECTED QUANTITY OF SOLID WASTE
ADJUSTED FOR POPULATION CHANGES

COUNTY: ALL

TABLE III-2

COUNTY	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CROCKETT	7,392	7,303	7,216	7,129	7,044	6,959	6,876	6,787	6,700	6,613
DYER	55,820	57,215	58,644	60,109	61,611	63,151	64,726	66,334	66,603	66,873
GIBSON	27,113	26,947	26,782	26,618	26,455	26,294	26,134	25,941	25,761	25,581
TOTALS	90,325	91,465	92,642	93,856	95,110	96,404	97,736	99,062	99,064	99,067

*AGGREGATE FROM TABLES IV-4 IN DISTRICT NEEDS ASSESSMENT COUNTY PROFILES, AS EXTENDED



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: GROWTH TRENDS AND WASTE PROJECTIONS

SUBJECT: REGIONAL SUMMARY OF PROJECTED QUANTITY OF SOLID WASTE REQUIRING DISPOSAL
ADJUSTED FOR POPULATION CHANGES AND ECONOMIC GROWTH

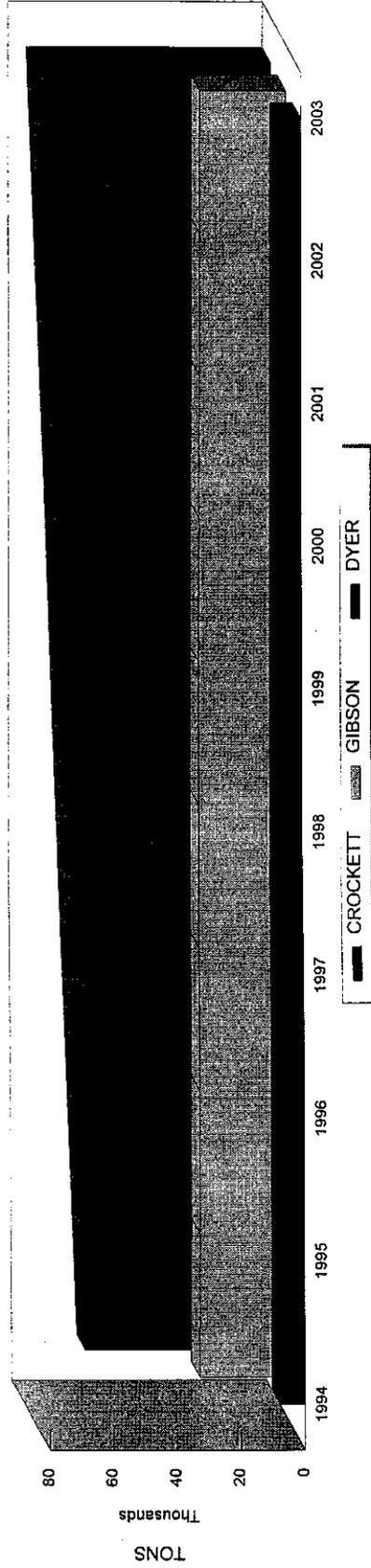
COUNTY: ALL

TABLE III-3

COUNTY	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CROCKETT	7,664	7,584	7,506	7,428	7,352	7,277	7,204	7,126	7,051	6,976
DYER	59,620	61,111	62,638	64,204	65,809	67,455	69,141	70,869	72,641	74,457
GIBSON	28,080	27,945	27,811	27,680	27,551	27,425	27,302	27,146	27,021	26,896
TOTALS	95,364	96,640	97,955	99,313	100,712	102,157	103,647	105,142	106,713	108,329

*AGGREGATE FROM TABLES IV-4 IN DISTRICT NEEDS ASSESSMENT COUNTY PROFILES, AS EXTENDED

QTY OF SOLID WASTE REQUIRING DISPOSAL



CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: GROWTH TRENDS AND WASTE PROJECTIONS

SUBJECT: REGIONAL SUMMARY OF PROJECTED QUANTITY OF SOLID WASTE REQUIRING DISPOSAL ADJUSTED FOR POPULATION CHANGES AND ECONOMIC CHANGES and SOURCE REDUCTION, RECYCLING, AND INDUSTRIAL PROCESS CHANGE

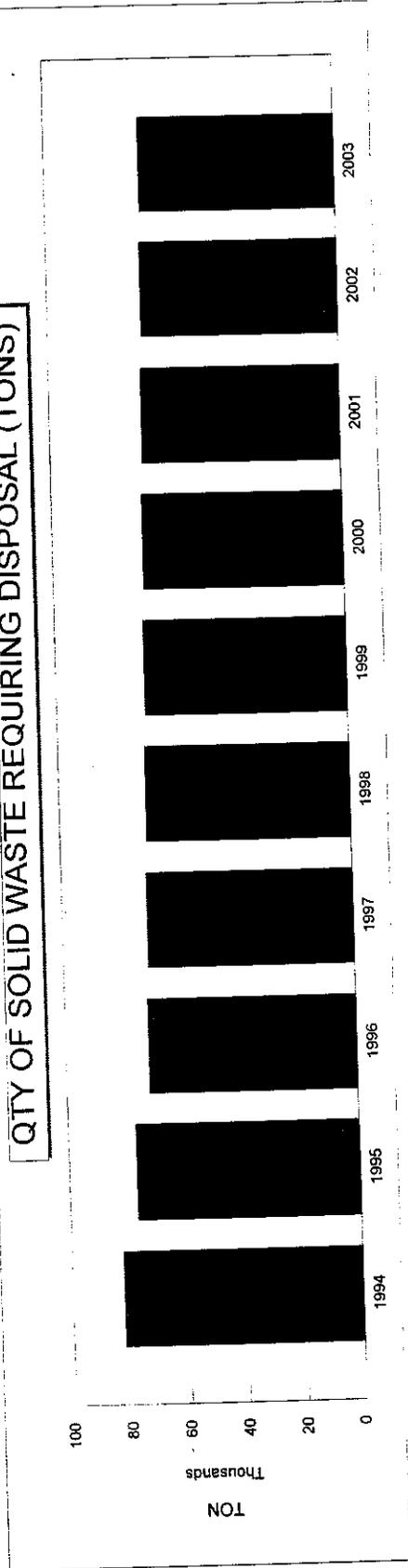
COUNTY: ALL

TABLE III-4 *

COUNTY	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
CROCKETT	6,514	6,067	5,629	5,571	5,514	5,458	5,403	5,345	5,293	5,241
DYER	52,000	48,360	44,975	44,525	44,080	43,639	43,203	42,771	42,343	41,919
GIBSON	23,868	22,356	20,858	20,760	20,663	20,569	20,477	20,360	20,260	20,170
REGIONAL TOTALS	82,382	76,783	71,462	70,856	70,257	69,666	69,083	68,476	67,896	67,330

*AGGREGATE FROM TABLES IV-4 IN DISTRICT NEEDS ASSESSMENT COUNTY PROFILES, AS EXTENDED

QTY OF SOLID WASTE REQUIRING DISPOSAL (TONS)



CHAPTER FOUR

WASTE REDUCTION

CHAPTER FOUR: WASTE REDUCTION

The state has established a twenty-five percent (25%) goal to reduce the amount of solid waste disposed of at municipal solid waste disposal facilities and incinerators. This shall also apply to each solid waste region by December 31, 1995. The goal will be measured on a per capita basis by weight. In the absence of a variance, failure to meet the twenty-five percent waste reduction goal may subject the offending counties and municipalities, including any solid waste authority, to sanctions. (Section 25(e)) However, if a region is unable to meet the twenty-five percent (25%) reduction goal, then such region may apply to the State Planning Office for a variance. If the State Planning Office Director determines that the applicant failed to meet the goal due to circumstances beyond the control of the region, then the director shall grant the region a variance from the goal. It is important to note that in the event that the failure of a region to meet its waste reduction goals is due to the failure of less than all of the constituent counties or municipalities of the region, the commissioner may apply sanctions only to the counties, municipalities, or solid waste authorities that caused failure.

From July 1, 1991 through June 30, 1993, all operators of municipal solid waste facilities or incinerators shall keep an accurate written record of the weight or volume of all solid waste received at the facility. Records of volume may be kept only until scales are installed. (Section 26(d)) A facility that will be permanently closed as of March 18, 1994 shall maintain such records until the facility closes.

In addition, effective July 1, 1993, the owner or operators of municipal solid waste disposal facility or incinerator shall be responsible for keeping an accurate written record of all amounts of solid waste measured in tons received at the facility unless the facility will be permanently closed on or before March 18, 1994. (Section 26(a)) From funds available in the Solid Waste Management Fund, the State Planning Office shall provide grants to counties, municipalities and solid waste authorities with more than two years capacity remaining on July 1, 1992 to assist with the purchase of scales required by this section. (Section 26(c)).

As of January 1, 1996, each county shall provide directly, by contract or through a solid waste authority, one or more sites for collection of recyclable materials within the county unless an adequate site for collection of recyclable material is available to the residents of the county. (Section 27(a)) The State Planning Office is authorized to establish a grant program for the purchase of equipment needed to establish or upgrade recycling at public or not-for-profit recycling collection sites. (Section 29(a)) In addition, the Department of Economic and Community Development is directed to establish an office of cooperative marketing for recyclables by July 1, 1992. (Section 30(a)).

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE REDUCTION
SUBJECT: CALCULATION OF 25% REDUCTION REQUIREMENT
COUNTY: ALL

A. ESTABLISHING A BASE YEAR

$$\frac{\text{Total waste disposed of (tons)}}{\text{Total regional population}} = \text{Regional annual per capita waste disposal rate (tons/person/year)}$$

$$89,962 / 97,775 = 0.92 \text{ TONS/PERSON/YEAR}$$

Should be 1.17 tons/capita yr

B. TARGET 1995 WASTE REDUCTION PER CAPITA DISPOSAL ROLE

1. TONS / PERSON / YEAR AVERAGE x .25 = TARGET 1995 PER CAPITA REDUCTION

$$.92 \text{ T/P/Y} \times .25 = 0.23 \text{ TONS / PERSON / YEAR}$$

2. 1995 PROJECTED POPULATION TIMES TARGETED REDUCTION

$$99,776 \times .23 \text{ TONS / PERSON / YEAR (REDUCTION FACTOR)} =$$

22,948 TONS / YEAR TARGETED REDUCTION FOR 1995

C. DESCRIPTION OF HOW TO MEET THIS REDUCTION

1. REMOVE 50% YARD WASTES FROM THE SYSTEM. (.5 X 15,755)	7,877 TONS / YEAR
2. RECYCLING OF PAPER AND PAPER GOODS AT 10 % OF CURRENT VOLUMES. (.1 X 32,702)	3,270 TONS / YEAR
3. RECYCLING OF GLASS, METALS, ETC. AT 10% OF CURRENT VOLUMES (.1 X 24,241)	2,424 TONS / YEAR
4. DIVERSION 70% CONSTRUCTION WASTES, WOOD PRODUCTS AND MISC. ORGANIC WASTES TO CLASS IV LANDFILLS, COMPOSTING FACILITIES, ETC. (.7 x 11,185)	7,830 TONS / YEAR
5. SOURCE REDUCTION	
TOTALS	<u>900 TONS / YEAR</u> 22,301 TONS / YEAR

22,310 / 89,962 = 24.8% WASTE REDUCTION GOAL

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE REDUCTION

SUBJECT: POPULATION AND QUANTITIES OF WASTE DISPOSED OF
AT MUNICIPAL SOLID WASTE DISPOSAL FACILITIES
AND INCINERATION, IN 1989

COUNTY: ALL

TABLE IV-1

COUNTY	1989 POPULATION	1989 TOTAL WASTE DISPOSED (TONS)
CROCKETT	13,150	7,600
DYER	38,360	54,500
GIBSON	46,000	28,200
REGIONAL TOTAL	97,510	90,300

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE REDUCTION

SUBJECT: ESTIMATED QUANTITIES OF WASTE REMOVED OR DIVERTED FROM THE WASTE STREAM (tons)

COUNTY: ALL

TABLE IV-2

YEAR	PREVIOUS REDUCTIONS	RECOVERED & RECYCLED	DIVERTED TO ALTERNATE DISPOSAL	ECONOMIC INCENTIVES	OTHER	TOTAL
1985 to 1989		1,500	903		750	3,153
1990		1,550	1,200		0	2,750
1991		2,000	3,000		0	5,000
1992		2,220	3,600		0	5,820
1993		3,000	4,200		0	7,200
1994		3,250	5,600		0	8,850
1995		5,000	5,800		0	10,800
1996		9,030	13,545		0	22,575
1997		9,100	14,600		0	23,700
1998		9,200	14,800		0	24,000
1999		9,500	15,400		0	24,900
2000		9,900	15,000		0	24,900
2001		12,000	15,500		0	27,500
2002		13,000	14,000		0	27,000
2003		16,000	14,500		0	30,500
TOTAL		16,000	14,500		0	30,500

*WASTE TO ENERGY AT MILAN ARSENAL

MANAGING OUR WASTE: WASTE REDUCTION

The new solid waste law places great emphasis upon waste reduction and recycling. In T.C.A. 68-211-803, it declares the policy of the state to be "...to reduce the amount of solid waste which requires collection ... and disposal through source reduction, reuse and recycling...." The law also urges state and local governments to expand markets for recovered materials through purchasing decisions.

WASTE REDUCTION GOAL (T.C.A. 68-211-861)

The law establishes a state waste reduction goal: **to reduce the amount of solid waste that is burned or buried by twenty-five percent (25%) by December 31, 1995.** The base year is 1989, unless 1989 data is flawed. The goal is to apply to each planning region, but not to each facility.

WASTE REDUCTION AND RECYCLING PLANS

(T.C.A. 68-211-815, 68-211-811, & 68-211-861)

In its plan, each county or planning region must describe the actions it will take to meet the 25% reduction goal by December 1995 and set forth a plan for recycling. Each planning region has the flexibility to design a plan tailored to local conditions and needs.

MEASURING WASTE REDUCTION (T.C.A. 68-211-861 & 862)

The 25% goal is based on **per capita** waste savings in the amount of waste received for burning or landfilling. Although many communities will choose to reduce waste through recycling, it is not a recycling goal. A planning region may claim credit for previous waste reductions (between 1985 and 1989) if they can be documented. The Solid Waste Disposal Control Board has developed regulations to establish a standard method for calculation of waste reduction. These regulations are found under Rule Chapter 1200-1-7-.09, Waste Disposal Reduction Goal.

To measure waste reduction, each facility must begin to keep accurate records of the amount of waste received, beginning on July 1, 1991. Between July 1, 1991, and July 1, 1993, records may be kept by weight or by volume until scales can be installed. After July 1, 1993, every landfill or incinerator must install truck scales and weigh incoming waste. A facility that will close permanently before October 9, 1996, may continue to measure waste by volume until it closes.

The state has provided grants for the purchase of scales for publicly owned landfills that plan to operate (under the new regulations) after October 9, 1996. New facilities permitted after the effective date of the act must include the cost of scales in facility development plans and costs. No grants are available to privately owned landfills.

VARIANCES (T.C.A. 68-211-861)

The 25% Waste Reduction goal is a serious goal. A county or planning region which fails to meet the goal, in spite of following an approved plan, may seek a variance. If the region has made a good-faith effort to achieve the goal, it may receive a variance for no more than five years.

If a planning region fails to achieve its goal and has not made a good faith effort to carry out its plan, it will be subject to sanctions. These include a formal warning, loss of eligibility for grants from the Solid Waste Management Fund, and civil penalties.

If a multi-county planning region fails to meet the goal, sanctions are applied only to the specific counties or cities within that region that have not carried out their waste reduction plan. Other cities and counties in the region will not be subject to the sanctions.

TECHNICAL ASSISTANCE (T.C.A. 68-211-864)

The UT Institute for Public Service is directed to develop and offer short courses and workshops for local government officials and to provide technical assistance in developing local waste reduction plans.

Almost two-thirds of the solid waste generated in Tennessee comes from commercial and industrial sources. The law directs the U. T. Center for Industrial Services to provide waste audits to private businesses and industries and upon request, will help identify waste reduction options.

FOR MORE INFORMATION:

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Mike Apple, Deputy Director (Regulations)
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Department of Environment and Conservation
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(615)532-0075

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MANAGING OUR WASTE: FINANCING

Providing a comprehensive solid waste management system that protects the health and environment of our state can only be accomplished with adequate funding. The new Solid Waste Management Act provides for certain fees and surcharges to fund the plan's full implementation.

STATE FUNDING SOURCES

State Surcharge (T.C.A. 68-11-835)

The state surcharge is a user fee, paid by those who use the services of a landfill or incinerator. Beginning July 1, 1991, operators of Class I sanitary landfills and municipal solid waste incinerators are required to collect a tipping fee surcharge of \$0.85 for each ton of waste they receive.

Tire Predisposal Fee (T.C.A. 67-4-1603)

A tire predisposal fee of \$1/tire will be added to the cost of each new tire purchased in Tennessee, beginning October 1, 1991.

Limited State Appropriations

The state is financing its oversight responsibilities through existing special appropriations.

SOLID WASTE MANAGEMENT FUND (T.C.A. 68-211-821)

Revenues from the state surcharge and the tire predisposal fee are placed in a special fund designated "The Solid Waste Management Fund." Money in the fund draws interest and does not revert to the General Fund at the end of a fiscal year.

Money in the Solid Waste Management Fund is used to implement the new programs and to provide planning, technical and financial assistance to local governments. It supports the planning process and helps counties and cities to provide or expand collection services and build an infrastructure for their recycling program.

At the state level, it provides statewide support services, including an information clearinghouse, educational materials and teacher training, tire shredding, household hazardous waste collection, and assistance in marketing materials collected for recycling.

LOCAL FUNDING OPTIONS (T.C.A. 68-211-835)

Under the Solid Waste Management Act, counties or regions may impose a local tipping fee and surcharges of their own. Money generated from the charges may only be used to help pay for local solid waste management. The following are local funding options:

Tipping Fee - Effective July 1, 1991, each county, municipality or solid waste authority that owns a Class I sanitary landfill or incinerator may set and collect a tipping fee on each ton of waste received. The fee may be set at a rate to cover some or all of the costs to operate that facility. This fee will be collected by the operator and paid to the facility owner.

Surcharges - A local surcharge may also be authorized by a county, municipality or solid waste authority on each ton of waste received at any Class I landfill or solid waste incinerator located within its jurisdiction. This local surcharge may be assessed in addition to any other fees charged. A regional solid waste plan must be approved before this surcharge can be added.

Host Fees - To encourage regional use, a county that hosts a solid waste facility used by other counties in the region may impose a surcharge on each ton of solid waste received. Counties may assess this surcharge only after their regional solid waste plan has been approved and with the concurrence of all counties in the region.

Disposal Fees - A local solid waste disposal fee may be assessed by a county, municipality or solid waste authority to finance and maintain solid waste collection and disposal services. All county residents must have access to the services funded through this fee. It may be collected through a local electric utility, provided the utility agrees.

Loans (T.C.A. 68-211-402 (a)(1)) - Enables counties or regions to borrow money from existing loan programs for construction of new landfills. This loan program is administered by the Tennessee Local Development Authority (TLDA).

Solid Waste Authorities - If a solid waste authority is created to implement the regional plan, the authority has broad powers to issue bonds and to establish and charge fees for use of facilities and services.

FOR MORE INFORMATION:

Tipping Fee Surcharge: Paul Evan Davis, Director
Dept. of Environment and Conservation
Division of Solid Waste Assistance
14th Floor, L & C Tower, 401 Church Street
Nashville, TN 37243-0455
(615) 532-0091

Tire Predisposal Fee: Sam Jacobs
Department of Revenue
Division of Office Audits & Examinations
6th Floor, Andrew Jackson Building
Nashville, TN 37242-0100
(615) 532-6068

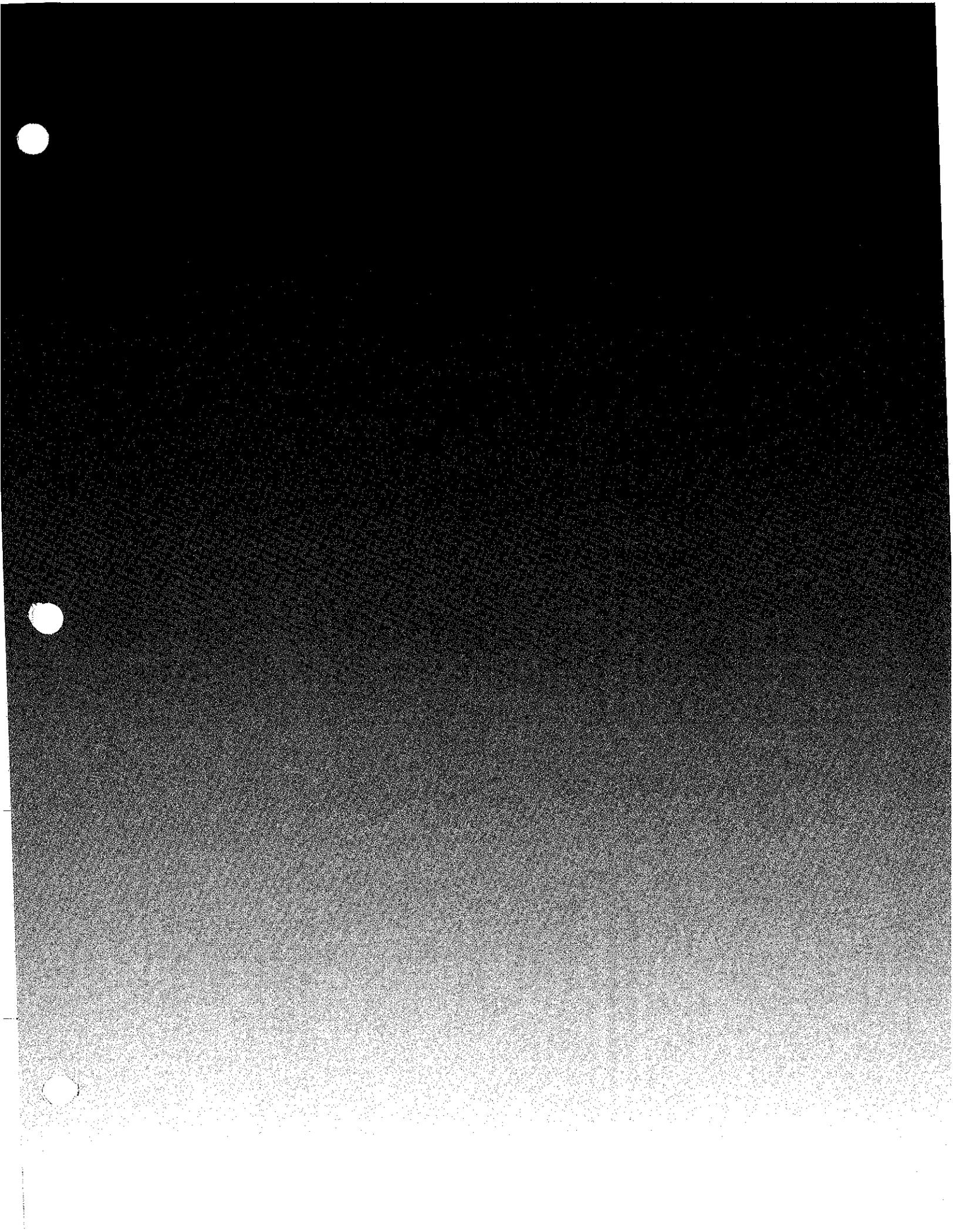
Loans: Ann Butterworth, Director
Division of Bond Finance
505 Deaderick Street
Suite 1600, James K. Polk Building
Nashville, TN 37243-0273
(615) 741-4272

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CHAPTER FIVE: WASTE COLLECTION AND TRANSPORTATION:

The Crockett-Dyer-Gibson collection system includes not only the private haulers of Barker Brothers, Inc. of Obion County and Waste Management, Inc. of Jackson, Tennessee and some smaller private haulers but also several municipalities have city-wide collections such as Dyersburg, Newbern and Humboldt. The collection capacity as the system exists at the time of this report far exceeds the actual potential that might be instituted by the new regulations. At the present time somewhere between 20 and 40% of the residences in Dyer County are being served: 20 - 40% in Gibson County are being served also. Both of these counties are being served by Barker Brothers, Inc. (private hauler) in the rural areas. Crockett County has strategically placed three convenience centers in the rural areas which is handled by Waste Management, Inc. An additional convenience center is to go on line sometime in 1994 which would provide a convenience center within a fifteen mile radius of every resident in Crockett County. Crockett County is perhaps the most successful in providing and meeting the 95% criteria set up in the plan.

In Dyer County, the commission has planned to initiate a mailbox service for every resident in the county. This service would be bid on by the private haulers; and the City of Dyersburg would also be allowed to bid on the county collection system. In either case the billings for the residences would be on a mailbox basis and therefore a very high percentage is guaranteed due to the fact that the residence would be paying for the service whether or not they use it. In Gibson County a similar scheme is being planned whereby the mailbox collection system would be bid on by private haulers although Gibson County is looking at using utility bills to collect each service charge from residences.

Within all of the municipalities in the Dyer-Crockett-Gibson counties, adequate collection systems have already been instituted and have been in place for some time. The availability of either boxes or a door-to-door collection system is wide-spread throughout all the municipalities in the tri-county area. Please review the **CURRENT SYSTEM MAP** which is enclosed in the inside of the front cover.

In order to provide a plan for the tri-county system that all the concerned counties could agree on, a very flexible plan was adopted by the three county commissions and is attached in the inside of the back cover. An overview of the plan is as follows: Dyer County would use the existing landfills that would be brought up to Sub-title D requirements to serve the needs of the residents of the entire county whereas Gibson and Crockett Counties would use private haulers and in both cases the solid waste would be flowing out of the county and out of the region. If in the event that the Dyersburg landfill at some time in the future decides to accept waste from outside counties, the Board could solicit proposals from the counties to send their waste to the Dyersburg Landfill. Another feature of the plan is the Humboldt Recycling Center (which is presently closed) which if and when this operation comes on line, the authorities of Humboldt and Gibson Counties would have the option of soliciting the solid waste from Dyersburg and Crockett County with an acceptable tipping fee. Enclosed in the inside pocket of the back cover are four large maps showing the different options of the plan as the plan may develop over the next ten years. There are no schedules included in this plan since a lot of the features of the plan are both political and economic and cannot be accurately scheduled.

MANAGING OUR WASTE: COLLECTION AND TRANSPORTATION

Much of the illegal dumping in Tennessee takes place because many residents have no access to a solid waste collection system. A University of Tennessee survey reported that in 1989, 21 counties provided solid waste collection services through "green boxes" only, while another 29 counties sponsored no collection service. In these 29 counties, approximately one-fourth of the households had no access to even a private collection service. The survey also found that approximately 10 percent of the state's total population had no access to public or private collection services.

One important goal of the Solid Waste Management Act is the development of county collection systems to assure that all Tennesseans have a convenient place to dispose of their trash.

A NEW RESPONSIBILITY FOR COUNTIES (T.C.A. 68-211-851)

Under the new law, counties bear the primary responsibility for collecting solid waste. Each county must assure that a collection system is available to all residents. A county has three options in providing solid waste collection services. It may choose to provide its own services, enter into an agreement with another unit of government to provide collection services, or contract with a private service company.

PLANNING FOR COLLECTION (T.C.A. 68-211-806)

In its district assessment, the Development District has included both public and private operating collection services in its inventory of solid waste facilities, programs and services. Deficiencies have been identified, and the need for expanded local or regional collection services have been defined in the assessment.

Each county or planning region must, as a part of its solid waste plan, describe how it will provide adequate waste collection for all its citizens. The planning region must evaluate current collection systems in detail and identify gaps in service. The plan must describe steps each county will take to improve its collection system (or establish a new system) to meet minimum standards established by the Solid Waste Disposal Control Board. The plan must be submitted to the state by July 1, 1994.

COLLECTION THROUGH CONVENIENCE CENTERS (T.C.A. 68-211-851)

Beginning January 1, 1995, each Tennessee county must assure that it has in place a solid waste collection and disposal system that will meet the needs of all its residents. At the very minimum, counties will be required to provide a network of staffed convenience centers located throughout the county. Any new services are to complement and supplement existing collection systems (such as those provided by municipalities), not to replace them. The collection systems should be in place by January 1, 1995.

State rules for the number and location of convenience centers were adopted by the Solid Waste Control Board in February, 1993, taking into account population, travel time and distance, and staffing requirements. Minimum design and operating standards for convenience centers have also been established by these rules. It is anticipated that many counties will incorporate collection of materials for recycling into the convenience center design.

TECHNICAL AND FINANCIAL ASSISTANCE

(T.C.A. 68-211-824 and T.C.A. 68-211-851)

Technical assistance will be available from the University of Tennessee (CTAS and MTAS) to help counties and regions design convenience centers and to write an operating manual. The Department of Environment and Conservation will offer training for convenience center attendants and other operators.

The state will offer **matching grants to counties** for establishing convenience centers or upgrading existing collection facilities. The local government's matching funds share will be determined according to an "economic index". The index will rank counties based on a mean of their ranking for equalized property tax generation and per capita income. Counties in the lower half of the index will be required to provide a 10% match and those in the upper half will be required to provide a 20% local match. The Solid Waste Disposal Control Board has accepted the Department's recommendation to use this economic index.

Grants will be available in the spring of 1994; the estimated **maximum grant will be \$50,000 for each county**. The grants may be used to purchase land or basic equipment, develop sites, or to develop and print operating manuals. Grant funds may **not** be used to meet recurring operating costs.

A county which currently has a system of convenience centers or another county-wide collection system in place may apply for grants to upgrade existing convenience centers, provide for collection of recyclables, or purchase trucks to expand house-to-house pickup services. Reimbursement of costs incurred after July 1, 1991, will be granted to counties for such existing facilities.

WASTE HAULERS MUST REGISTER (T.C.A. 68-211-852)

Beginning October 1, 1991, solid waste transporters were required to register with the Department of Environment and Conservation, and to continue to do so annually. Each hauler must provide certain information to the state, including information on the service area, amount of waste transported, and destination of the wastes. This information must be supplied for every county in which the hauler does business. The data will be compiled by the state and shared with development districts, planning regions and solid waste authorities.

Transporters must pay an **annual registration fee--set at \$50 per vehicle--to offset the costs of registration and data management.** Each registered vehicle will receive a windshield decal as proof of registration. Vehicles with a capacity of five cubic yards or less are exempt.

FOR MORE INFORMATION:

Mike Apple, Deputy Director (Rules)
Department of Environment & Conservation
Division of Solid Waste Management
5th Floor, L & C Tower, 401 Church Street
Nashville, TN 37243-1535
(615)532-0780

Joyce Dunlap, Manager (Grants)
Department of Environment & Conservation
Division of Solid Waste Assistance
14th Floor, L & C Tower, 401 Church Street
Nashville, TN 37243-0455
(615)532-0075

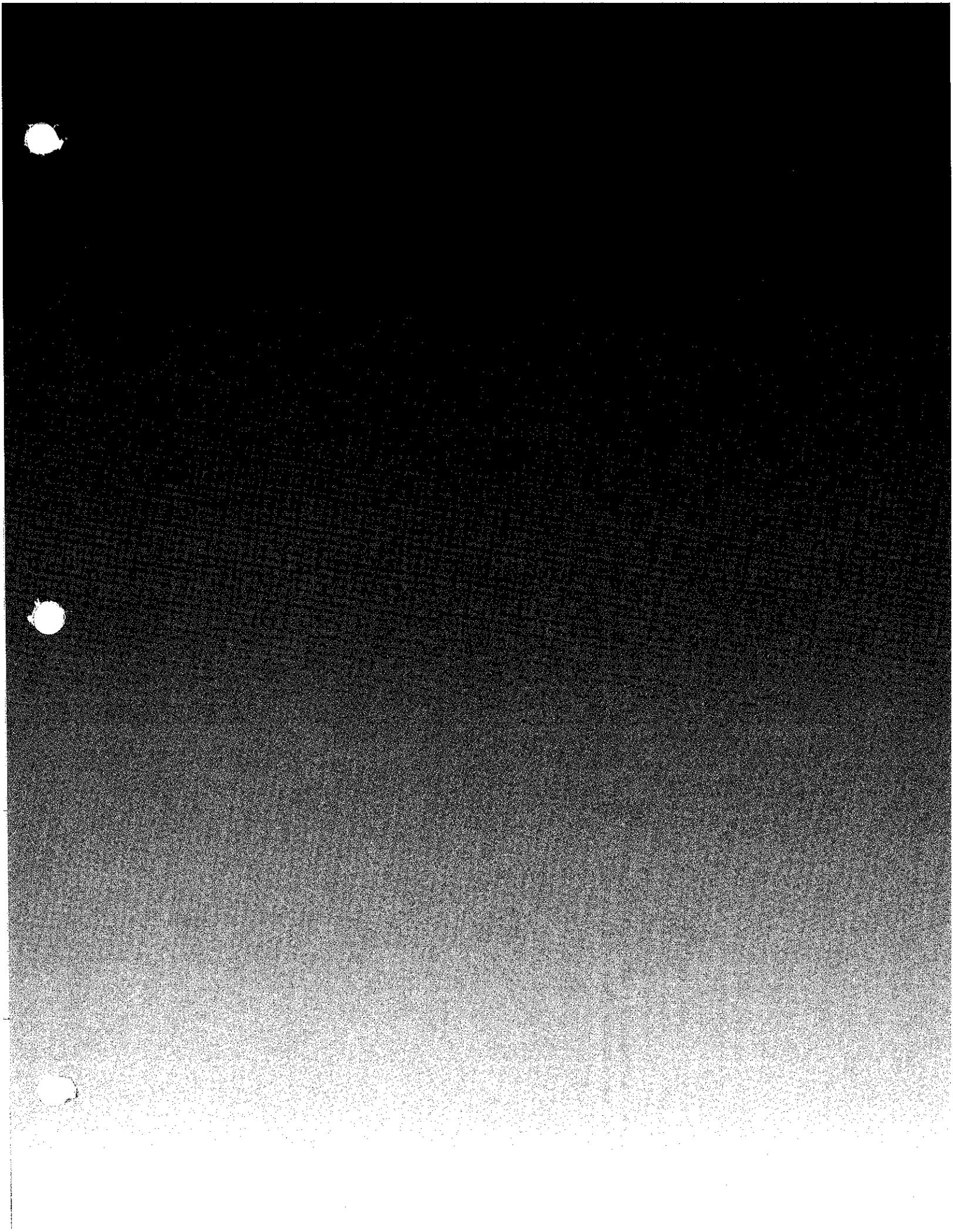
Teri James (Registration Fees)
Department of Environment & Conservation
Division of Solid Waste Management
5th Floor, L & C Tower, 401 Church Street
Nashville, TN 37243-1535
(615)532-0803

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CHAPTER SIX: RECYCLING

The Crockett-Dyer-Gibson Solid Waste Region at present has limited recycling operations and/or collections systems in operation. The fact that the recycling plant (a \$3 million state of the art plant) has closed due to the fact that it was operating at a loss for several years, is an indicator that the market for residential recycling is not yet matured and , therefore, not may municipalities are willing to spend the money for collection and disposal (sale) of recyclable.

In all three counties there is a real need, however, for collection and disposal of recyclables. As mentioned above, only Gibson County with its recycling plant in Humboldt (presently closed) has a typical recycling facility.

As shown in Chapter Four, the estimated amounts of recycling included in the plan for a 25% reduction of existing solid waste is a very small percentage of the total waste removed from the system.

	<u>% of Total</u>	<u>Tons/Year</u>
1. Remove 50% Yard Waste from the System	8.8%	7,877
2. Recycling of Paper and Paper Goods at 10% of Current Volumes	3.6%	3,270
3. Recycling of Glass, Metals, Etc. At 10% of Current Volumes	2.7%	2,424
4. Diversion 70% Construction Wastes, Wood Products and Miscellaneous Organic Wastes to Class IV Landfills, Composting Facilities, etc.	8.7%	7,830
5. Source Reduction	<u>1%</u>	<u>900</u>
Totals	24.8%	22,301 Tons/Year

The goals of the individual counties that comprise the Crockett-Dyer-Gibson Solid Waste Regional Management Authority have somewhat different descriptions due to the collection and disposal capacities of each of the three existing systems.

In Dyer County the board members' goals are to achieve recycling through private haulers, like Barker Brothers, Inc. for both for residential/commercial waste as well as industrial waste. It is planned that the recycling effort will be directed towards the industrial waste first, since there is a profitable market that exists for some industrial recyclables. Barker Brothers, Inc. Is currently permitted by the State for industrial waste recycling and has the plant in operation at their site in Obion County, just north of Dyer County. After the industrial recycling is well established the county plans to authorize the private hauler to begin collection of recyclables either through door-to-door, once a week pick-up of presorted wastes, recyclable collection boxes at strategic locations, or transporting the waste to facilities equipped to sort waste for the pertinent recyclables.

In Gibson County, when the recycling facility regions meet later this year, the commission plans to have a limited form of flow control in order to divert most of the solid waste that is not either yard waste or construction waste to the recycling center. This facility, since it will not have a land fill in operation, will also serve as a transfer station for the private hauler that leases the facility from the city. Due to the debt structure it will be necessary to divert as much waste as possible from Gibson County to make the operation successful.

In Crockett County, the need for recycling is already been addressed in a limited manner by having periodic recycling programs through the school systems. Crockett County plans on starting a recycling program by providing boxes for the recyclables at the four convenience centers already in operation through the county. In addition, the municipalities and the county have agreed to mandate a recycling program through the private haulers that serve this county.

The attached information is included to help the read understand the complex issue of recycling is being reprinted here in its entirety from the "Consumer Reports" magazine of February, 1994.

In addition, included are several Tennessee Department of Environment and Conservation publications to be incorporated into the existing systems as the need arises.

GETTING STARTED WITH RECYCLING

Five Key Considerations in Program Planning:

- Markets
- Building Requirements
- Processing Equipment
- Collection Methods
- Public Education

Written by:
DeAnna J. Fry
Recycling Section Manager

**Tennessee Department of Environment and Conservation
Division of Solid Waste Assistance
Office of Cooperative Marketing for Recyclables**

GETTING STARTED WITH RECYCLING

Introduction

The principles of reduce, reuse, and recycle are simple and quite effective in reducing the impact of the municipal solid waste stream on our environment.

Reduction can be achieved if we consider the waste we purchase in excess packaging as well as through industrial and commercial waste audits.

Repairing rather than replacing durable goods and finding creative ways to reuse "non-durable goods will contribute to both the reduction of the waste stream and household expenses.

A recycling and composting program can yield a substantial gain towards Tennessee's 25 percent reduction goal and, in some cases, can be responsible for the full 25 percent reduction. A program that begins with the business sector and adds the residential sector gives all municipal solid waste stream contributors the opportunity to take responsibility for reduction and learn new habits in handling waste.

Where to Begin

Recycling has commonly been thought of simply as collection. Often well-meaning programs have focused on the collection of recyclables before taking into account many of the other necessary elements. Before you embark upon a collection program, there are several elements to be considered in planning a sustainable recycling program.

Markets Are the Key

Establishing a market for recyclables is the critical first step in designing a recycling program. You must learn who has a need for recyclable materials and what their specifications are. Knowing what materials you will be handling will enable you to plan for building requirements, processing equipment, collection methods, and public education.

Follow the buyer's instructions. Assume that if you send the end-user contaminated material, they will not buy from you again and may even charge you freight to return the material to your recycling center.

Building Requirements

In planning your recycling processing facility, first consider how much storage space you will need to stockpile materials before processing. Will the ceiling height and door openings allow haulers to bring materials in the building is another question to answer.

To serve a community of approximately 30,000 people, these building recommendations should be considered:

- 10,000 square feet of space
- 20 to 25 foot ceiling clearance
- 12 X 12 foot receiving doors
- at least one loading dock
- concrete floor
- three-phase electricity
- office and bathroom facilities

Processing Equipment

A **multi-purpose baler** is the most commonly used piece of processing equipment and will handle the greatest variety of materials. A vertical or horizontal baler may be considered depending on the daily volume of materials processed. Before purchasing any specific baler model, consider if it will produce a bale of recyclable material that meets the buyers' size and weight specifications.

A **fork lift** is necessary to move bales and gaylord boxes of unprocessed materials. An equipment vendor will provide consultation regarding accessories which enable a single vehicle to perform many tasks.

A **floor scale** with a 4,000 - 5,000 pound capacity will also be useful to weight processed materials. Accurate records will be important to the end user and for required reporting to local and state government offices.

Collection Methods

A meeting with your municipal and private waste haulers will help you plan for effective collection equipment. Determine what is the most common garbage collection container and if it will lend itself to be used as a drop-off collection container. Also establish that the processing facility will be able to receive material from this method and whether materials will be collected source-separated or commingled.

Household collection containers are commonly molded from rigid plastic. Look for those manufactured from recycled plastic. Plastic and paper bags are often used for storing household recyclables.

Public Education

There are four principles a successful public education program for recycling should follow, they are:

1. **Identity** - Develop slogans, logos, and themes with which people can identify;
2. **Consistency** - Information must be on-going and correct;
3. **Communication** - Newspaper articles and public service announcements must be easy to understand;
4. **Professionalism** - Everything from attractive flyers to knowledgeable employees help to inform and educate.

Public education is a big job. A committee comprised of representatives from local government, schools, businesses, haulers, and the recycling center operator will help ensure that nothing is over-looked. Ask your market representative to help by providing public education materials. Ideally each county will have a recycling coordinator who will be responsible for public education and can coordinate an education committee.

Fact sheets on purchasing recycling equipment, operating composting programs, and a directory of recyclable material buyers are available.

For more information on planning and building a recycling program, or to receive one of the publications listed below, call DeAnna Fry, Recycling Section Manager, at 615-532-0074.

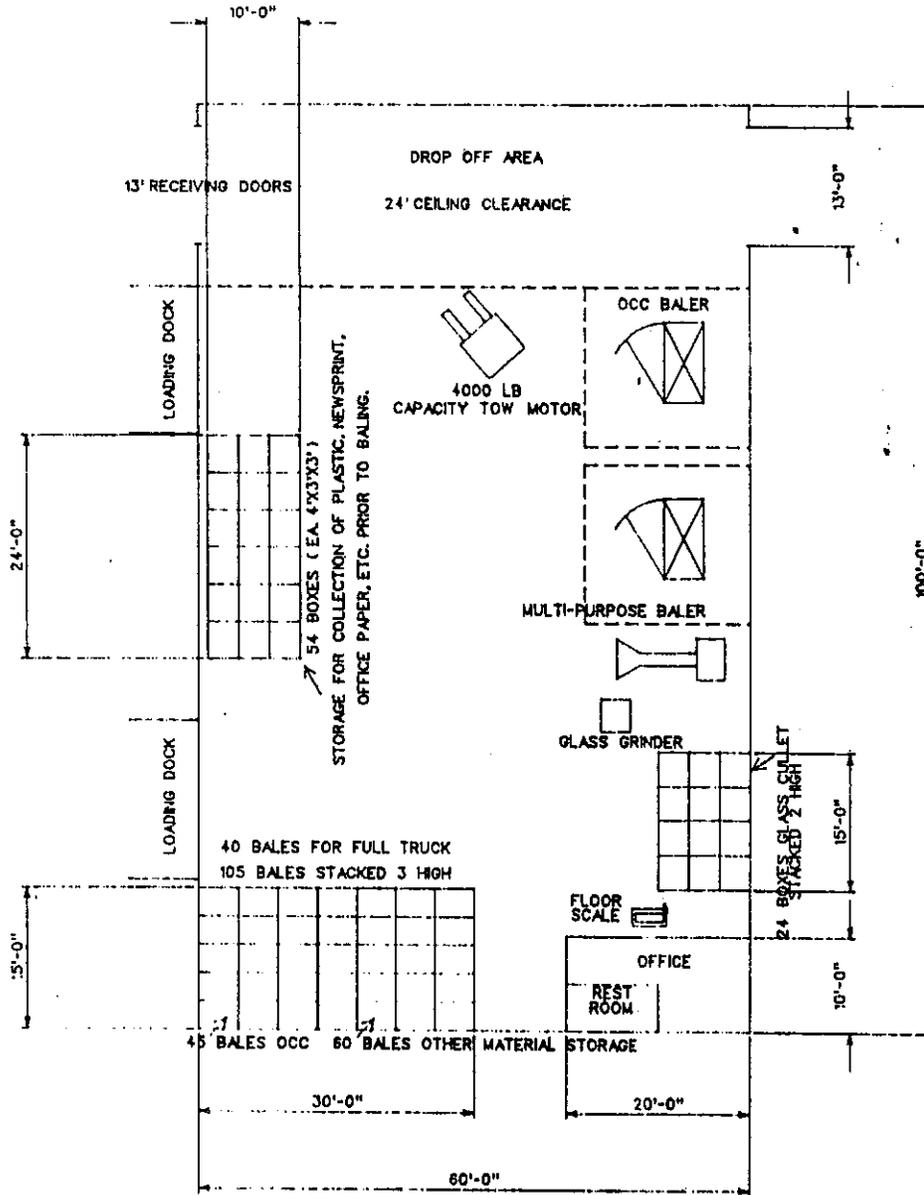
Equipment Bulletins

- #E1 Balers
- #E2 Fork Lift Trucks
- #E3 Floor Scales
- #E4 Glass Crushers
- #E5 Recycling Trucks

Compost Fact Sheets

- #C1 Homeowner's Composting Guide
- #C2 Municipal Solid Waste Composting Guide
- #C3 Composting Program Operation
- #C4 Composting: Costs, Financing, Regulations and Markets
- #C5 Composting: Quality Control Order Control, Security Health and Safety

RSI PREFERRED FACILITY





STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Solid Waste Assistance
401 Church Street
Nashville, TN 37243-0455

TENNESSEE OFFICE OF COOPERATIVE MARKETING FOR RECYCLABLES RECYCLING EQUIPMENT GUIDANCE

for

FLOOR SCALES Equipment Bulletin #E-3

INTRODUCTION

The floor scale is an integral part of a recycling center and helps determine the success of any operation where accurate records are needed.

Designed for multi-purpose use, the floor scale is ideal for shipping and receiving and is accurate enough for most small or large transactions. These scales can be installed ABOVE-THE-FLOOR or FLUSH-WITH-THE-FLOOR and most are portable, allowing them to be relocated as needed. Optional ramps make above-the-floor models accessible to pallet jacks and hand trucks. Scale capacity ranges from 1,000 lbs. up with weight indicated in increments from 0.5 lbs. to 3.0 lbs. Platforms come in sizes from 30" x 30" to 12' x 12'.

Weight display indicators vary from the basic weight readout models with limited features to those higher resolution models with computer interfacing capacity. These display indicators can be battery powered or operate on 110 or 220 volts.

INFORMATION THAT SHOULD BE PROVIDED THE SALESPERSON RECOMMENDING FLOOR SCALES FOR YOUR APPLICATION

1. Maximum weight of material (with container) to be handled (determines capacity of scale needed).
2. Length and width of the largest load to be weighted, i.e. bale, box, hopper, pallet jack, etc. (determines platform size needed).
3. Location of scale: inside or outside.
4. Type of installation: ABOVE-THE-FLOOR or FLUSH-MOUNTED.
5. Type of weight read-out and print-out information desired.

QUESTIONS YOU MAY NEED TO ASK WHEN PURCHASING: —

1. Does the quoted price include shipping and handling?
2. What warranty and service is included?
3. What maintenance is required on the scale and on the indicator?
4. What is the best type of installation for this operation?
5. What type of load cell is used on this model? Does it offer overload and sideload shock protection and is it sealed against washdown and weather?

**FLOOR SCALES
MINIMUM SPECIFICATIONS**
(Recommended For Recycling Centers)

Scales should always have a capacity exceeding normal requirements. A recent survey of Tennessee recycling centers found the operators using scales with capacity ratings of either 5,000 lbs. or 10,000 lbs. and varying models of weight display indicators. When determining your needs, make sure you consider future expansion and growth. Also, when considering weight display indicators, try to anticipate any additional functions which may be needed as the operation expands.

CAPACITY:	5,000 lbs.. (minimum) with 1 lb. graduation increments.
PLATFORM	48" x 48" rugged mild steel construction with fork lift channels (if scale is to be portable.) Also, if platform is mounted above-the-floor, optional ramps (cost: \$200 to \$400) will accommodate pallet jacks, hand trucks, dollies and hoppers. Load cells should be washdown and weather resistant with overload and side load protection and have a sum capacity equal to 200% of the scale's capacity.
INDICATOR:	Rugged metal enclosure with +/- accumulation and tare weight display. Remote digital readout with computer interfacing capability. Sealed enclosure to withstand moisture and dust.
PRICE RANGE:	\$1,800 to \$2,500 depending on options.

For further information contact: DeAnna Fry or Bob Knight

**Tennessee Department of Environment & Conservation
Division of Solid Waste Assistance
401 Church Street, 14th Floor, L & C Tower
Nashville, TN 37243-0455
(615) 532-0083**



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
401 Church Street
Nashville, Tennessee 37243

Division Of Solid Waste Assistance
Office Of Cooperative Marketing For Recyclables

The Division of Solid Waste Assistance is charged with implementation of the non-regulatory aspects of the Solid Waste Management Act of 1991. This includes administration of the grants, household hazardous and special waste, and recycling programs

The Recycling Section responsibilities include administration of:

- * Office of Cooperative Marketing for Recyclables
- * Facilitating the Tennessee Recycling Market Advisory Council
- * Maintaining a Directory of Recycling Programs and an Inventory of Available Quantities and Qualities of Recycled Materials Available.
- * Maintaining a Database for Tracking Markets
- * Assisting Counties in Contract Negotiations
- * Providing Technical Assistance in the Design and Implementation of Recycling Programs
- * The State Employee Recycling Program
- * Development of Departmental Policies & Procedures for Procurement of Recycled Content
- * Working in Conjunction with the Department of Economic and Community Development to Locate New Industries Using Recovered Materials as Feedstock and to Assist Existing Industries in Retrofitting Facilities.

RECYCLING SECTION STAFF

DeAnna Fry, Manager

(615) 532-0074

Policy & Market Development
State Wide Public Education
Market Advisory Council

Karen Stewart, Administrative Assistant (615) 532-0083

Information Request Mailings
Business Correspondence
Data Base Maintenance

Cy Anderson, Environmental Specialist

(615) 532-0081

New Technology Review
Composting/Hazardous Waste
Contract and Publication Development

George Kesterson, Development Consultant

(615) 532-0079

State Employees Recycling Program
Resource Reference Center / Lending Library
Community Training

Bob Knight, Development Consultant

(615) 532-0082

Fact Sheet & Technical Bulletin Preparation
Community Training
Compliance Review and Follow Up



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Assistance
401 Church Street
Nashville, TN 37243-0455

TENNESSEE OFFICE OF COOPERATIVE MARKETING FOR RECYCLABLES RECYCLING EQUIPMENT GUIDANCE

for

BALERS EQUIPMENT BULLETIN #E1

INTRODUCTION

A baler is a machine that presses materials into compact rectangular bales. By baling recyclables, (i.e., cardboard, office paper, newsprint, aluminum, tin, and plastic) a recycling program can handle, store, and transport material more efficiently than if they were loose or unprocessed.

Bales will vary in size and weight depending on the type of baler and materials being processed. It is critical to check with your markets to make sure the baler you buy will meet their specifications for size and weight.

Consideration must also be given to the storage capacity of your facility and the transportation vehicles, in deciding which size baler will work best in your facility.

THERE ARE TWO BASIC TYPES OF BALERS:

VERTICAL. Vertical balers are fed by manual labor and pack the material with a downward motion of a hydraulic piston. They are the least expensive and most common in recycling facility processing under 10 tons of recyclable materials per day.

HORIZONTAL. Horizontal balers pack materials with sideways moving hydraulic piston(s). With an automated conveyor, they can process large volumes of materials in a small amount of time with less manual labor to produce bales of greater weight and density than vertical balers. Horizontal balers are expensive. A municipal recycling program should have a minimum of 10 tons per day to justify the expense of a horizontal baler.

INFORMATION THAT SHOULD BE PROVIDED TO THE SALESPERSON TO RECOMMEND THE BEST BALER FOR YOUR APPLICATION:

1. What materials will be processed.
2. Volume (in tons) of each material to be baled per day.
3. Weight and dimensions of bale specified by the market.

QUESTIONS YOU MAY NEED TO ASK THE SALESPERSON:

1. Space requirements needed to operate the baler. Calculate space required to feed the baler.
2. What are the electrical requirements of the baler (i.e., single phase or three phase power)?
3. What weights of bales will the machine produce from various types of recyclables?
4. What are the dimensions of the bale?
5. What is the cycle time and ram pressure of the baler?
6. What is the hydraulic ram pressure of the baler?
7. What optional equipment and supplies do you sell?
8. Do you provide operator training?
9. What warranties and service programs do you offer?
10. How long has your company been selling baling equipment? Ask for references of two or three facilities currently using their equipment.

VERTICAL BALER MINIMUM SPECIFICATIONS

(Recommended for processing 5 - 10 tons per day)

Heavy-Duty, Multi-Purpose balers capable of handling a variety of materials should be considered. The volume of recyclables being processed will dictate the size of the equipment needed. Larger volumes of up to ten (10) tons per day would require equipment which exceeds these specifications, particularly for bore size, motor size, and system pressure. The facility must have space available to meet the recommended area for the operation of the equipment. Tie options may be manual or automatic, based on individual need and preference. Electrical wiring requirements (single or three phase) should also be considered.

Bale Size:	Width	60"
	Depth	30"
	Height	48"
Feed Opening:	Width	62"
	Height	28"
Bale Weight:	Lbs.	1400-2000 (Material OCC)
Pump:	GPM	15
Cylinder:	Bore	7"
	Stroke	48"
Motor Size:	H.P.	20
System Pressure:	PSI	2,100
Platen Pressure:	PSI	80,000
Cycle Time:	Seconds	51
Control Power:	Volts	115

Electrical Controls: NEMA 12 Dust Tight Design All components U.L. Approved and in compliance with ANSI Z 245.5 Safety Requirements for Baling Equipment

NOTE: Volumes in excess of ten (10) tons per day would require a horizontal baler

Price Range: \$8,000 - \$20,000



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Assistance
401 Church Street
Nashville, TN 37243-0455

TENNESSEE OFFICE OF COOPERATIVE MARKETING FOR RECYCLABLES
RECYCLING EQUIPMENT GUIDANCE

for

FORK LIFT TRUCKS
EQUIPMENT BULLETIN #E2

INTRODUCTION

Forklift trucks are used to move materials both horizontally and vertically within a designated area. Normally, forklifts are used for transporting, stacking and loading/unloading operations however certain optional features and attachments may make them adaptable for other material handling uses.

Forklifts are manufactured in a variety of models with a wide range of capability. Load capacity ranges from 2,000 lbs. up and lift height ranges from approximately 10 ft., with a standard double mast, to approximately 15 ft extended height with most triple masts. Popular options are the (1) "side shift" feature which allows a load to be shifted from side to side, facilitating loading/unloading in close quarters, (2) "full free lift" which allows the forks to be raised approximately 5 ft. before the mast begins to telescope upward and permitting the forklift truck to double-stack in low ceiling areas, i.e. inside truck-trailers, and (3) "fork extensions" which increase reach and allow the handling of larger-than-normal loads.

Pneumatic tires are recommended for both indoor and outdoor use, on any surface, especially gravel, dirt and uneven terrain and where a greater degree of traction is required. Most models with pneumatic tires have 2-3 inches more ground clearance than with solid tires. "Solid-pneumatic" tires are those filled with rubber or foam.

Solid-cushion tires are highly maneuverable on smooth concrete or paved surfaces and are designed for use where floor scrap might cut the tread or otherwise puncture a pneumatic tire. Solid tire lifts cannot be operated on gravel or dirt surfaces.

Forklifts are powered by either gasoline, diesel or LP gas engines or by electric motors. While the basic price of the different power options are comparable, the battery and charger for electric models (priced separately) makes their initial cost higher, however long term operating costs are usually lower due to less maintenance and no fuel requirements. Other positive features of electric power include its quiet and exhaust-free operation. Negatives include power loss when batteries are low, inadequate power in certain heavy load conditions and battery recharging, care and replacement. When internal combustion models (gasoline, diesel and LP gas) are used indoors, the area must be well ventilated to counter the exhaust emissions.

INFORMATION THAT SHOULD BE PROVIDED TO THE SALESPERSON RECOMMENDING A FORKLIFT TRUCK FOR YOUR APPLICATION

1. Maximum weight of load to be handled
2. Maximum working height needed, i.e. ceiling height, truck clearance, etc.
3. Operating area surface, whether smooth (concrete/paved) or uneven (gravel/dirt). Any sharp objects to cut or puncture tires?
4. Minimum height/width clearance in operating area, i.e. doors, aisles, trailer ceilings.
5. Where will forklift truck be operated, indoors, outdoors, or both? Inside truck trailers? Up or down inclines...what degree?

QUESTIONS YOU MAY NEED TO ASK THE SALESPERSON

1. Advantages and disadvantages of the different power sources?
2. For electric powered trucks, what current is needed for battery charger?
3. Long term costs of the different power sources
4. What options or attachments are needed for this recycling operation?
5. What are the maintenance requirements on the recommended model?
6. What safety and comfort features are standard and/or available?
7. What warranties and service programs are offered?
8. References of 2 or 3 facilities currently using this model.

**FORK LIFT TRUCK
MINIMUM SPECIFICATIONS**
(Recommended For Recycling Operations)

Forklifts, like most equipment, should have a capability exceeding normal requirements. A survey of Tennessee recycling center operators discloses the use of varying makes and models ranging from 4,000 to 6,000 lb. capacity. Most centers have limited warehouse floor space which requires certain functions to be performed outside. All have characteristics which are unique and, therefore, careful consideration needs to be given to each facet of the operation before selection of equipment is made.

LIFT CAPACITY:

5,000 lbs. minimum

EXTENDED LIFT-HEIGHT:

A triple stage mast provides lift of approximately 15 ft. extended. The "full freelif" optional feature allows forks to raise approximately 5 ft. before the masts begin to telescope up. This permits the double stacking of materials in enclosed truck-trailers and other low ceiling areas.

FORK LIFT HEIGHT:

86 inches overall height will allow forklift entry into truck-trailers with roll-down doors.

POWER SOURCE:

LP gas or electric power is recommended for indoor operation where there is limited ventilation. A survey of Tennessee recycling centers indicates that LP gas is the more widely accepted power source.

Engines and motors are sized in relationship to the model and lift capacity. Internal combustion engines (gasoline, diesel, LP gas) should be at least 2.0 liters with 40 hp. rating. Electric powered trucks use 3 different motors: drive-lift-auxiliary, all sized according to function requirements and all operated on a battery usually rated from 36 to 60 volts which can be recharged on 220 volt current. (Note: some heavy-duty chargers require 3 phase current.)

TIRES:

PNEUMATIC TIRES are recommended for rough (gravel/dirt) surfaces or where a greater degree of traction is required. SOLID PNEUMATIC is a term used to describe pneumatic tires which are filled with foam or rubber instead of air.

SOLID CUSHION TIRES are the most maneuverable and are recommended where the operating surface is smooth and even, i.e. concrete or paved, and where sharp objects can cut or puncture pneumatic tires.

OPTIONS:

Several attachments and accessories are available for fork lifts including the three mentioned earlier:

1. SIDE-SHIFT which allows the load to be shifted from side to side. This is helpful when working in close quarters. COST: \$800 to \$1500.
2. FULL FREE LIFT which allows the forks to raise approximately 5 ft. before the mast begins to telescope and is helpful when double-stacking loads inside low ceilings, i.e. truck-trailers. COST: \$500 TO \$1500.
3. FORK EXTENSIONS provide a greater reach and allow handling of larger- than-normal loads. COST: \$200 to \$300.

SAFETY:

Two safety features that are required on forklift trucks are (1) overhead guards which prevent raised loads from falling on the operator and (2) load backrest which prevents a load from tipping backward through the mast and onto the operator.

Other safety features recommended include:

1. Seat belt
2. Hip restraint
3. Flashing light (displayed when vehicle is in reverse operation).
4. Audible alarm (used when vehicle is operated in reverse).
5. Turn signal indicators.

PRICE RANGE: \$15,000 to \$27,000 depending on options.

For further information contact: DeAnna Fry or Bob Knight

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TENNESSEE OFFICE OF COOPERATIVE MARKETING FOR RECYCLABLES
RECYCLING EQUIPMENT GUIDANCE
for
RECYCLING TRUCKS
Equipment Bulletin #5

INTRODUCTION

Trucks used in recycling operations should, optimally, be designed for a specific type of program and dedicated to a particular use. Where this is not practical, other vehicles have to be adapted to the program in use and often times must serve more than one purpose.

There are two basic uses for recycling trucks: (1) collecting recyclable materials at their source and (2) transporting these collected materials to market.

Collection trucks should be designed for the type of program in use. For example, a source-separated curbside program vs. a co-mingled "blue bag" program would suggest different vehicle needs, i.e., a compartmentalized body as opposed to a flat-bed or other common style body. Other programs may use drop-off boxes, roll-off containers, convenience centers, etc. Some programs feature source separation (separated by the resident), some are separated at the curb by collection personnel, and others are separated by various methods at the processing center. To accommodate these different programs, there are different style collection vehicles including front loaders, rear loaders, side loaders, curbside collectors, roll-off hoists, and various specialty models.

Transport trucks include single and tandem axle straight trucks and 10 to 18 wheel tractor/trailers. These transport trucks may be equipped with flat beds, open top and enclosed beds, "live floors", high-lift fifth wheels, etc. Again, the transport vehicle design should be determined by the type of program, haul distance, volume and type of materials handled, and the configuration of the processing facility's loading area.

The following pages offer more detailed descriptions of some of these recycling vehicles.

CURBSIDE COLLECTION TRUCKS

Curbside collection trucks are designed for the collection of recyclables at the curb. After residents or employees of a business place recyclables at a designated collection point in dedicated containers, collection workers pick them up, either sorted or commingled, and transport them to a processing center.

TYPES OF VEHICLES:

There are two basic types of curbside collection trucks: (1) a dedicated recycling truck designed specifically for collecting recyclables and (2) trucks which have been converted to recycling use, such as flat-bed and packer trucks. Most dedicated curbside collectors are designed with compartments for handling separated materials. These vehicles are easily accessible to the collection workers and some makes can be operated from either side, i.e. dual steering wheels and controls. Other type vehicles can be substituted for use where recyclables are co-mingled and hauled loose or in "blue bags" to a processing center for separation. The dedicated recycling trucks are designed for a particular use and may be more efficient than the converted types.

INFORMATION YOU MAY NEED WHEN PURCHASING:

- Number of households and/or businesses to be served
- Collection frequency
- What materials will be collected and an estimate of the weight and volume of these materials.
- Number of collection workers and vehicles to be used
- Whether two-side loading and dual controls are necessary
- Whether material will be separated beforehand by the resident, at curbside by the collection crew, or commingled and separated later at the processing center.

INFORMATION YOU MAY NEED FROM THE VENDOR:

- The capacity of the vehicle and each of its compartments
- What optional equipment is available from the factory or for add-on at a later date such as plastic perforators, compactors, two-sided loading, dual steering and controls, etc.
- Warranties and service programs offered
- Company's history with this type of equipment
- Name of 2 or 3 current users of this equipment

PICK UP TRUCKS

Standard pick-ups are rated either 1/2 ton with gross vehicle weight of 5600 lbs. (heavy duty up to 6100 G.V.W.) or 3/4 ton with a G.V.W. of 7200 lbs. (heavy duty to 8600 G.V.W.). Standard beds are 4 ft. wide (Flairside) or 6 ft. wide (Styleside) and are either 6-1/2 or 8 ft. long.

Due to their very limited capacities (weight and volume) pick-up trucks are not recommended for collecting and transporting recyclables.

TRANSFER TRAILERS

Transfer trailers used for recyclables come in a variety of types, styles and sizes. Flat beds used for baled or densified material....open top for condensed or loose material....enclosed top for condensed or loose....and roll-off trailers for transporting roll-off containers.

The open top and closed top trailers can be equipped with a "live floor" (walking floor) which is a hydraulically operated slatted floor that self unloads baled or loose material. This type trailer has a lighter tare weight than one equipped with a hydraulic cylinder ejector and can also have a longer axle span making it easier to comply with weight regulations. The hydraulic ejector option allows greater density per cubic yard but also has a higher tare weight than the "live floor".

Roll-off trailers are designed to transport roll-off containers. Like the roll-off trucks, these trailers load, haul and unload roll-off containers of different capacities and types. The hoist cables or hooks and the tilt frame lifts can operate using the tractor's hydraulics or with an optional gasoline or diesel powered system mounted on the trailer itself. The economics of using this type of vehicle will depend on the type of program and the materials being transported. They can offer a substantial weight advantage over straight trucks when hauling compacted material.

SPECIALTY TRUCKS

There is a multiplicity of specialty vehicles and optional equipment available for use in recycling. Many of these vehicles are designed to be used for mixed MSW handling however by dedicating the vehicle, or the containers used in conjunction with it, they can be adapted for use in recycling.

One of the more versatile of these vehicles is the hook-lift truck which features a quick-change system that can switch bodies in approximately one minute or less. Similar to a roll-off without the rails and cable hoists, this system utilizes a hydraulic hook arm that lifts the body or box up and onto the truck's frame. At least one manufacturer of this type truck lists up to 20 different interchangeable bodies available ranging from flatbeds to compartmentalized bodies to compactors. This system allows one truck to handle nearly every facet of a recycling program.

Container handlers are designed to lift, transport and dump varying sizes of refuse containers. These handlers have no storage capacity and therefore must haul the container to an appropriate facility for emptying. Optional attachments will allow the handling of all types of refuse containers.

For further information contact: DeAnna Fry or Bob Knight

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FRONT LOADER TRUCKS

Front loaders are usually tandem axle trucks designed to pick up solid waste via drop-off refuse boxes. These trucks employ hydraulically operated loading forks to lift refuse boxes up over the cab and dump the contents into the packing throat where it is then compacted into the rear of the box. These trucks are usually associated with the servicing of commercial MSW containers and roadside "green boxes" in the rural areas. The front loader is one of the more expensive trucks to purchase and operate and has a limited and specialized use. Operational expense is high because of all the moving parts. These trucks are mounted on a cabover chassis which generally has a shorter axle span. This shorter axle span allows a tighter turning radius for better maneuverability however it also means that a larger share of the load will be carried behind the center of the front tandem axle making the load "tail heavy". This condition can create safety problems in steering and braking and can also result in the rear tandem axle being overweight.

The front loader truck can be adapted for use in recycling programs where it is used to pick up containers which are dedicated to a single material, e.g. corrugated. The most practical use would probably be in picking up from commercial/industrial sites and convenience centers.

REAR LOADER TRUCKS

Most rear loaders are designed for collecting mixed solid waste from a residence or commercial establishment. They are designed to receive loose waste dumped in the hopper by collection operators where it is then compacted in a single compartment. Most of these trucks are not equipped to handle separated materials however they can be adapted to a recycling program when they are dedicated to collecting a single material.

At least one company is currently manufacturing rear loaders with two or three separate compartments, each with its own compactor and ejector. This type truck makes it possible to collect recyclable material that has been partially separated.

ROLL-OFF TRUCKS

Roll-off trucks, or hoists, come in various types, sizes and styles. One of the more typical is a straight truck with a tandem axle and conventional cab. These trucks load, haul and unload roll-off containers of different capacities and types. These containers are equipped with rollers and are drawn by a cable (or hydraulically powered hook) up and onto the inclined rails of the truck. The truck's rails are then lowered to the horizontal and the container is secured before being transported.

Roll-off trucks are very versatile in that they are capable of handling different types of containers. One of these, the sectional recycling bin, is an enclosed box with vertical sides extending from the floor to approximately waist height, then sloping inward. Each section or compartment has a hinged door on top for depositing the materials. These containers usually employ a hinged or removable partition between each compartment to allow them to be emptied one section at a time.

Other roll-off containers, including the open top, enclosed box, and compactor, come in different styles and sizes and are basically designed for mixed waste handling. However, when dedicated to a single material use, these roll-off containers can be used effectively in a recycling effort.



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RECYCLING EQUIPMENT GUIDANCE

for

GLASS CRUSHERS
Equipment Bulletin # E-4

INTRODUCTION

Glass crushers are designed to reduce refuse glass containers to small pieces (cullet) for use primarily in making new containers. This cullet is mixed with virgin materials to facilitate melting in new glass production. The process not only extends the life of the glass furnace by lowering the smelting temperature but, more importantly, it allows the glass to be reused instead of going to a landfill or incinerator.

Glass crushers are usually manufactured as a unit consisting of three basic components: (1) loading hopper (2) conveyor and (3) crusher chamber. Constructed of heavy gauge steel, wear resistant parts are normally used in the heavy contact areas such as the crusher drum liner and crusher bars/hammers. Crushers may be mounted on skids or casters for portability.

Glass crushers are normally powered by two (2) electric motors, the conveyor drive and the crusher drive, although some manufacturers utilize a single motor to handle both functions. The crusher drive motors range from 1/2 HP to 2 HP and the conveyor drive motors from 1/2 HP to 1 HP. Electric power requirements range from 110 to 230 volts single phase and from 208 to 460 volts three phase current.

Cullet size of approximately 1" x 1" translates to volume reduction of 15-20 to 1 and allows maximum weight truck loads which reduces freight costs.

**INFORMATION THAT SHOULD BE PROVIDED THE SALESPERSON
RECOMMENDING THE BEST GLASS CRUSHER FOR YOUR APPLICATION**

1. Volume of glass (in tons) to be crushed each day.
2. Dimensions of area where crusher will be operated.
3. Type of electric current available.
4. Whether crusher location is stationary or needs to be portable.
5. Method to be used for handling cullet, i.e., Gaylord boxes, hoppers, conveyor-to-truck, etc.

QUESTIONS YOU MAY NEED TO ASK WHEN PURCHASING

1. What is the maximum volume of the recommended model?
2. Can this crusher be upgraded to handle additional volume?
3. What would be the advantage(s) of using three phase current?
4. What is the average life of heavy contact parts and what is the availability and cost of replacement?
5. What are the shipping/handling charges?
6. What warranty and service programs are offered?

GLASS CRUSHERS MINIMUM SPECIFICATIONS

(Recommended For Processing 3-4 Tons Per Hour)

Glass crushers should be constructed of durable, heavy gauge steel with wear resistant and replaceable parts used in the heavy contact areas such as the crusher drum liner and crusher bars. To allow for operation expansion, the crusher's capacity should exceed current volume and be receptive to upgrading. The crusher should be designed for quick, easy maintenance and all available safety features should be added, i.e., safety flappers in the crusher unit, heavy duty skirt at the crusher drum discharge, enclosed conveyor underside, remote emergency stop, etc.

VOLUME

3-4 tons (6,000 to 8,000 lbs.) per hour

HOPPER

0.5 (1/2) cubic yard

POWER

Crusher drive motor-1 HP, 110 or 220 volts single phase.
Conveyor drive motor- 1/2 HP, 110 or 220 volts single phase

CONVEYOR

15" wide, cleated P.V.C.

PRICE: \$3,500 to \$8,000

For further information contact: DeAnna Fry or Bob Knight

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CHARACTERIZATION

COMPOSITION OF SOLID WASTE PROCESSING
WASTE-TO-ENERGY AND
INCINERATION CAPACITY

CHAPTER SEVEN: COMPOSTING, SOLID WASTE PROCESSING, WASTE-TO-ENERGY AND INCINERATION CAPACITY

The region does not intend to include any of the listed options as major components of the plan.

CHAPTER EIGHT
DISPOSAL CAPACITY

CHAPTER EIGHT: DISPOSAL CAPACITY

This chapter compares the total regional demand for disposal capacity with the current and planned regional supply of disposal capacity, based on the analyses found in Chapter Two and Chapter Three of the plan. The comparison is done both for each individual county and the total regional demand on a ten year period.

As can be seen from the following charts, there appears to be a tremendous surplus of disposal capacity due to the two landfills in Dyer County. In fact, because the Dyersburg City Council at the time of the submittal of this plan has opted not to receive any waste at the Dyersburg City Landfill, the actual capacity for waste disposal is more accurately based on the Jere Kirk landfill in Dyer County only, plus the additional small facilities in Gibson County. After reviewing these numbers it can be readily seen that there is still plenty of capacity in the region.

The fact that a large amount of the demand in Gibson County is taken to a landfill outside of the region only increases the surplus side of the equation. In order to ensure the longevity of this surplus situation, the plan as presented herein has an option which would allow the Regional Planning Board to regain some form of "control" over the waste flow through the bidding processes.

It is shown from the analysis in Chapter Two that some waste is imported from outside the region and into the Jere Kirk landfill. However, this amount at the present time is very small and therefore negligible in this analysis. However, since this landfill is being sold by its current owner, there is much attention being given by the board to carefully monitor the capacity of this landfill and to take whatever actions deemed appropriate in the event that there is any indication that this capacity is being abused.

Also, the board will require annual statements from both Waste Management, Inc. and Barker Brothers, Inc. to certify the continued capacity of the landfills in both Troy (Barker Brothers, Inc.) and Camden, Tennessee (Waste Management, Inc.).

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DISPOSAL CAPACITY

SUBJECT: PROJECTED DEMAND AND SUPPLY, AND IDENTIFICATION OF
POTENTIAL SHORTFALLS OR SURPLUS IN DISPOSAL CAPACITY

COUNTY: CROCKETT

TABLE VIII-1A

YEAR	DEMAND: TONS OF WASTE REQUIRING DISPOSAL	SUPPLY: EXISTING & PLANNED CAPACITY	SURPLUS (+)	SHORTFALL (-)
1993	7,730	0		7,730
1994	6,514	0		6,514
1995	6,067	0		6,067
1996	5,629	0		5,629
1997	5,571	0		5,571
1998	5,514	0		5,514
1999	5,458	0		5,458
2000	5,403	0		5,403
2001	5,345	0		5,345
2002	5,293	0		5,293
2003	5,241	0		5,241

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DISPOSAL CAPACITY

SUBJECT: PROJECTED DEMAND AND SUPPLY, AND IDENTIFICATION OF
POTENTIAL SHORTFALLS OR SURPLUS IN DISPOSAL CAPACITY

COUNTY: GIBSON

TABLE VIII-1C

YEAR	DEMAND: TONS OF WASTE REQUIRING DISPOSAL	SUPPLY: EXISTING & PLANNED CAPACITY	SURPLUS (+)	SHORTFALL (-)
1993	27,113	89,680	62,567	
1994	23,868	81,880	58,012	
1995	22,356	74,080	51,724	
1996	20,858	66,280	45,422	
1997	20,760	58,480	37,720	
1998	20,663	50,680	30,017	
1999	20,569	42,880	22,311	
2000	20,477	35,080	14,603	
2001	20,360	27,280	6,920	
2002	20,260	19,480		-780
2003	20,170	11,680**		-8,490

** INCINERATOR AT TRENTON AND MILAN ONLY, PLUS SOME WASTE OUT OF SYSTEM
FROM RECYCLING PLANT AT HUMBOLDT.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DISPOSAL CAPACITY

SUBJECT: PROJECTED DEMAND AND SUPPLY, AND IDENTIFICATION OF
POTENTIAL SHORTFALLS OR SURPLUS IN DISPOSAL CAPACITY

COUNTY: DYER

TABLE VIII-1B

YEAR	DEMAND: TONS OF WASTE REQUIRING DISPOSAL	SUPPLY: EXISTING & PLANNED CAPACITY	SURPLUS (+)	SHORTFALL (-)
1993	55,820	2265000**	2,209,180	
1994	52,000	2,209,180	2,157,180	
1995	48,360	2,157,180	2,108,820	
1996	44,975	2,108,820	2,063,845	
1997	44,525	2,063,845	2,019,320	
1998	44,080	2,019,320	1,975,240	
1999	43,639	1,975,240	1,931,601	
2000	43,203	1,931,601	1,888,398	
2001	42,771	1,888,398	1,845,627	
2002	42,343	1,845,627	1,803,284	
2003	41,919	1,803,284	1,761,365	

** DYERSBURG CITY LANDFILL ONLY: 21,000 tpy FOR 65 YEARS

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: DISPOSAL CAPACITY (XXX) = SHORTFALL
ALL OTHER NUMBERS ARE SURPLUS

SUBJECT: PROJECTED NET DISPOSAL CAPACITY (TONS PER YEAR)

COUNTY: CROCKETT - DYER - GIBSON

TABLE VIII-2

YEAR	CROCKETT	DYER	GIBSON	REGIONAL TOTAL
1993 BASE YEAR	(7,730)	2,209,180	62,567	2,264,017
1994	(6,514)	2,157,180	58,012	2,208,678
1995	(6,067)	2,108,820	51,724	2,154,477
1996	(5,629)	2,063,845	45,422	2,103,638
1997	(5,571)	2,019,320	37,720	2,051,469
1998	(5,514)	1,975,240	30,017	1,999,743
1999	(5,458)	1,931,601	22,311	1,948,454
2000	(5,403)	1,888,398	14,603	1,897,598
2001	(5,345)	1,845,627	6,920	1,847,202
2002	(5,293)	1,803,284	(780)	1,797,211
2003	(5,241)	1,761,365	(8,490)	1,747,634

CHAPTER 1
PUBLIC INFORMATION
AND PUBLICATION

CHAPTER NINE: PUBLIC INFORMATION AND EDUCATION

The Crockett-Dyer-Gibson Solid Waste Planning region plan includes the education program (attached) to assist adults and children to understand solid waste issues, management options and costs, and the value of waste reduction and recycling. In addition, the State Planning Office will establish an information clearinghouse to acquire, review, evaluate and distribute a catalog of materials on source reduction and recycling and they are authorized to organize and conduct workshops and conferences on solid waste management, source reduction and recycling.

In addition, the State Planning Office, in consultation with the Department of Education, shall prepare information and programs on a statewide basis for the following groups:

1. Municipal, county and state officials and employees.
2. Kindergarten through graduate students and teachers.
3. Businesses that use or could use recycled materials or that produce projects from recycled materials and persons who provide support service to those businesses.
And,
4. The general public.

The State Planning Office is also authorized to establish an awards program for outstanding school-based solid waste, source reduction or recycling education programs. After this solid waste regional plan is approved, the State Planning Office shall award grants for implementing the education program component of the plan from funds available in the Solid Waste Management Fund.

From funds available in the Solid Waste Management fund, the State Planning Office is authorized to award annual grants to the University of Tennessee's County Technical Assistance Service and Municipal Technical Advisory Service, Development Districts and the Department of Economic and Community Development's Division of Local Districts and the Department of Economic and Community Development's Division of Local Planning for rendering technical assistance to regions, counties and municipalities as needed in the development of the plan required by the state.

If requested, the University of Tennessee's County Technical Assistance Service and Municipal Technical Advisory Service shall provide technical assistance to a county or region for siting, designing, construction, upgrading, developing and maintaining a system of convenience centers. The Institute for Public Service of the University of Tennessee shall provide technical assistance in the design and management of a recycling program to each county, municipality, authority, or region which requests assistance.

By March 19, 1994, the Board shall, by rule establish a program for the certification of operators, attendants and other persons participating in or responsible for the operation of any landfill or incinerator regulated by the department.

Public Information and Education Plan:

The importance of educating the public cannot be under emphasized in any plan that truly and accurately accounts for the solid waste regional needs for the next ten years.

The region has as its goals a program which when initiated could and should begin to inform the public as to the various reasons for waste reduction and the different types of waste reduction that can be accomplished. The following are excerpts from an article from *Consumer Reports* (February, 1994). It is presented here in an effort to illustrate the different ways that waste disposal can be reduced without a significant impact on the region.

“Americans are currently recycling well over 30 percent of several major materials, including paper, glass containers, and steel and aluminum cans. Yet in 1992, we diverted only 17% of municipal solid waste from burning or burial - a total that included the composting of yard waste, a specialized kind of recycling. The main reason those numbers don't match up is that the commonly recycled materials make up less of municipal solid waste than you'd expect. Steel and aluminum cans, glass bottles, plastic containers, newspaper, and cardboard account for only about a third of our discards by weight. Even if half that material were recovered, recycling it would reduce the amount to be buried or incinerated by only about 15%.

Recycling programs have barely begun to deal with much of the waste that pours daily into landfills and incinerators: food wastes, textiles, shreds of plastic wrap, baby diapers, durable plastics that can't be re-melted, and broken and obsolete products ranging from headless Barbie dolls to rotary dial phones. Some of those products are too dirty or germ-laden to recycle; others are too difficult to disassemble into recyclable components using current technology; and still others are laden with toxic materials.

But other items could, with a little effort and know-how, be diverted from burial or burning. Hazardous wastes, for instance, could be separated out for proper disposal. Food wastes could be composted at home or as part of a municipal program. Textiles and plastic wrap that's not contaminated with food could be recycled, as they are now in a few communities.

Still other categories of materials have been left out of most municipal recycling programs because they are not even officially considered municipal solid waste. Yet they turn up in landfills in great quantities. William Rathje, a University of Arizona archaeologist, has studied the contents of people's trash cans and dug up old landfills to find out what's in them. In landfill after landfill, he has consistently found that about 12 % of what is buried is waste from construction - chunks of concrete, splintered wood, old windows, and so on.

Manufacturers can make a difference as well. Some have now begun designing their products with recycling mind. And others have made an effort to remove toxic metals from products that will eventually be discarded; the mercury content of alkaline batteries, for instance, has dropped precipitously in a few years.

Environmentalists often urge the public to “reduce, reuse, recycle.” Significantly, recycling is third on the list - less desirable than reusing material or reducing the amount we buy and use in the first place.

A key part of environmental planning is what’s being called “source reduction”-the design or purchasing choices that reduce the amount of materials used for a given purpose. It’s an area in which packaged goods manufacturers have been particularly active in recent years. For example, nonreusable glass containers, on average, weighed 44% less in 1987 than in 1972.

Many manufacturers have begun selling their products in a form that minimizes packaging. Concentrates of products from fruit juice to laundry detergent have proliferated on supermarket shelves in recent years. And many cleaning products now come in compact packages designed to refill reusable bottles.

Consumers have already started to choose source-reduced packaging on environmental principles, and may soon have an economic incentive as well. Some experts are now recommending that cities charge households difference fees according to the amount of trash they generate. In most cities, residents now pay for municipal trash collection through their general property taxes, and pay the same amount whether they habitually fill one small trash can or four big ones. But some cities, such as Seattle, have started to bill households directly, with the price rising sharply for every additional trash can. (These cities generally charge nothing to pick up recyclable materials). Such a volume-based system can have a big impact: In one rural New York town that tried it, the amount of trash buried in the local landfill decreased by more than half, and the recycling rate more than doubled, within a year.

Because all forms of trash disposal - including recycling - have environmental impacts, the best thing a consumer can do is avoid buying new things whenever possible. Think like the thrifty 19th-century New Englanders, whose motto was, “Use it up, wear it out, make it do.” Things can be bought used rather than new, fixed rather than thrown away. The reverse side of scrap paper can be used for grocery lists or children’s art projects; plastic take-out containers can be reused to store leftovers.

When you need to buy, you can practice source reduction by shopping for products, for instance, that have as little packaging as possible. That means buying concentrates and mixing up products at home; buying refills when available; and buying the largest-sized package on the shelf.

The next step after source reduction is to buy products that use recycled materials in their manufacture or packaging. Recycling will work only if manufacturers buy and use recycled materials, and consumer choice helps drive manufacturers’ decisions. For that reason, the only true recycler is someone who uses recycled products.

It's easier to buy recycled materials for some product categories than for others. Virtually every kind of paper—from 3x5 index cards to stationery to fax paper—now comes in a recycled version. You won't find food packaged in recycled plastic; the U.S. Food and Drug Administration doesn't permit it. But an increasing number of nonfood plastic packages have recycled content and say so on the label. Packaging made from glass, steel, or aluminum automatically has a high recycled content.

Finally, it is important to recycle whatever you can in your community—and to do it right. Remember that you are helping to supply the nation's industrial raw materials, and follow your locality's specific recycling instructions to the letter. If your town does not want plastic detergent jugs or magazines, don't put them out. If it asks you to remove lids of containers before recycling, remove them. Otherwise, you may unwittingly contaminate the pool of recycled material your community collects, and risk making it unusable”.

It is essential that younger children be educated first in an effort to change consumption habits in the next generation. It may be more difficult to impose new waste reduction restrictions on a community used to consuming and disposing without regard to the environment. Therefore, the education plan shall include the following elements to that end:

1. Promote education for the reasons for recycling through integration of facts in fun-oriented activities at schools, (i.e. Recycling/Environmental Clubs; Contests for most recyclables in different categories—glass, paper & plastics) including certificates and awards for innovative ways to improve:
 - a. Source Reduction
 - b. Reuse of Existing Products
 - c. Innovative Recycling efforts.

This program should be closely monitored over a period of three years for grades 1-6. For upper grades, videos, films, field trips and awards would prove more practical.

2. Promote waste reduction through public events by displaying banners, information booths and door prizes.
3. Set up a speaker's bureau of local, regional, state and national stature for speaking engagements at community functions and civic clubs.
4. Apply for and receive grant funds for development of an ad campaign for television, radio and newspaper.
5. Solicit industries in the region through speakers and economic incentives to research and accomplish significant source reduction techniques. Grant special solid waste economic incentives to promote this campaign.

"... AND FOUR TO GO"

THE DEPARTMENT OF ENVIRONMENT AND CONSERVATION, THE UT INSTITUTE FOR PUBLIC SERVICE,
AND THE GOVERNOR'S PLANNING OFFICE
ANNOUNCE FOUR SOLID WASTE PLANNING ASSISTANCE PROGRAMS

Available to Regional Solid Waste Planning Boards, Upon Request
July 1, 1993 - September 30, 1993

UNIT I: SOLID WASTE COLLECTION AND TRANSPORTATION SYSTEMS

Compliance with the Solid Waste Management Act of 1991—What is a "Minimal Acceptable Level?"; Compliance dates; Profile of Existing System and Review of Regional Collection Needs (District Needs Assessment); Convenience Center Regulations—number, location, design, operating standards; Collection System Options; Waste Containers and Trucks; Transfer Stations and Related Equipment; Reducing Collection and Transportation Costs; Planning Guidelines

UNIT II: WASTE REDUCTION, RECYCLING, COMPOSTING AND PROCESSING SYSTEMS

Profile of Existing Programs, and Review of Regional Needs (District Needs Assessment); Solid Waste Management Act of 1991—statutory requirements; Waste Reduction Goal; Waste Reduction Regulations, Calculations, and Variances; Recycling—Market Considerations, Building Requirements, Equipment, Collection and Processing Methods, and Funding; Composting—Methods, Regulations and Markets; MRFs (clean and dirty); and Planning Guidelines

UNIT III: LAND DISPOSAL-THE 21ST CENTURY LANDFILL

Profile of Existing Capacity and Regional Needs (District Needs Assessment); Legal Requirements; Federal Subtitle D Regulations, and April 1993 State Regulations; Which Landfills Must Comply and When? New Location, Design and Operating Requirements; New Monitoring, Reporting and Closure Requirements; New Operating Requirements; New Accounting Procedures; The Landfill Permitting Process; Alternatives to Landfill; Economics of Disposal; Sources of Funding; Planning Guidelines

UNIT IV: PUBLIC OUTREACH, INVOLVEMENT AND PARTICIPATION

Why involve the public?; Target Audiences; Defining A Message—What Do You Want the Public to Know and Understand About the Plan?; Role of An Advisory Committee—When, and Upon What Issue Does the Board Seek Advice?; Effective Public Meetings and Public Hearings; Documenting Public Participation.

TO SCHEDULE: CONTACT

Solid Waste Workshop Coordinator
Department of Environment and Conservation
Division of Solid Waste Assistance
14th Floor L & C Tower
Nashville, TN 37243-0455
Phone: (615)532-0091

ALPHA CHAPTER

PROBATIONARY MEMBERS

CHAPTER TEN: PROBLEM WASTE

A. Household hazardous wastes: There are primarily four categories of household hazardous wastes:

- Toxic
- Corrosive
- Flammable
- Reactive

Effective January 1, 1995, each county within a region shall provide directly, by contract or through a solid waste authority, at least one site to receive and store waste tires, used automotive oils and fluids, and lead-acid batteries, if adequate sites are not otherwise available in the county for the use of residents of the county. No municipal solid waste disposal facility or incinerator shall accept for disposal any whole tires, lead-acid batteries or used oil, except that certain incinerators may accept whole waste tires. Landfill operators shall segregate whole, unshredded waste tires at landfills and provide a temporary storage area for such tires until a mobile tire shredder shreds the waste tires.

From funds available from the Solid Waste Management Fund, the Department of Environment and Conservation shall:

1. Obtain six mobile tire shredders and operate them throughout the state, as waste tire disposal needs may require.
2. Provide mobile collection units to provide collection of household hazardous wastes. The county or solid waste authority will provide a site for collection and at least one person at the service site to assist persons in operating the mobile collection unit as well as advertising services. And,
3. The State Planning Office will award competitive grants for collection of household hazardous waste at a permanent site to municipalities with a population of 100,000 or more, located in counties with a population of 287,700 or more, according to the 1980 federal census or any subsequent federal census. (Chattanooga, Knoxville, Memphis, and Nashville)

The list of common household hazardous wastes are as listed below:

- Paint 41%
- Used Oil 23%
- Flammable Goods 17%
- Poison 8%
- Anti-Freeze 2%

All three counties have specific plans to site the required hazardous waste collection requirements by January 1, 1995.

TENNESSEE MOBILE COLLECTION UNIT PROGRAM
for
HOUSEHOLD HAZARDOUS WASTE

HOUSEHOLD HAZARDOUS WASTE

Household hazardous wastes are those wastes discarded from homes or similar sources that are listed by EPA as hazardous or exhibit one or more of these characteristics: ignitability, corrosivity, reactivity, and toxicity.

To help Tennesseans with proper disposal of household hazardous wastes, the Solid Waste Management Act of 1991 (T.C.A. Section 68-211-829) requires the Department of Environment and Conservation to establish a program for mobile collection and disposal of household hazardous waste. The objectives of this program include educating the public on proper disposal practices and assisting counties across the state in providing a means for proper disposal.

Specifically, the state law requires that each county have at least one collection center by January 1, 1995, for collecting used automotive fluids, tires, and lead-acid batteries. It is the objective of the Division of Solid Waste Assistance to assist in the creation of collection centers that will also be able to collect such household items as paint, cleaners, and pesticides.

The Division of Solid Waste Assistance was established to help local governments plan for their solid waste disposal needs and prepare to meet new federal requirements for constructing and operating landfills.

The Special Wastes Section of the Division provides statewide services to assist local governments with the disposal of problem wastes, such as waste tires, waste oil, and household hazardous wastes.

MOBILE COLLECTIONS

Each county in Tennessee will have a responsibility for the household hazardous waste Collection Events. The county, by State law, must provide a service site. It is required to advertise in newspapers the day(s), hours, and location of the mobile collection unit (MCU), as well as the type of household hazardous waste the MCU will receive. The county will assign at least one person to the MCU site who will also assist in its operation.

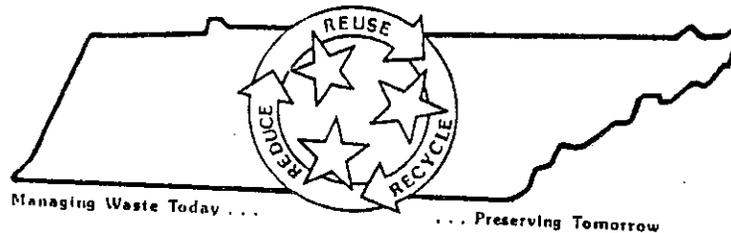
MOBILE COLLECTION PROGRAM
PAGE 2

A mobile collection contractor will be hired by the State to manage the Collection Event. The contractor will receive, sort, categorize, and prepare the waste for transporting and disposal in accordance with all applicable regulations. The state expects to contract with a private firm for this service by fall, 1993.

Permanent collection sites are planned for the major metropolitan areas of the state, as defined by T.C.A. (Section 68-211-828). The remainder of the state will be serviced by mobile collection units.

The Division of Solid Waste Assistance is available to answer questions concerning site requirements and site selection procedures.

DIVISION OF SOLID WASTE
ASSISTANCE
SPECIAL WASTE SECTION
14TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0455
(615) 532-0091



TENNESSEE'S SOLID WASTE ASSISTANCE PROGRAM

inspections, up-front civil penalties will more than likely be assessed.

For more information concerning this new program, contact

Dennis Smith (615) 532-0986
 Lamar Bradley (615) 532-0952
 Division of Petroleum Underground Storage Tanks
 4th Floor, L & C Tower
 401 Church Street
 Nashville, TN 37243-1538

Note: If a tank owner received the Division's invitation to participate in this voluntary compliance inspection program and did not respond within the deadline, the Division may still allow participation in the program. Contact Dennis Smith at (615) 532-0986.

Household Hazardous Waste Program

Tennessee's first statewide household hazardous waste program began operation in September 1993. The program, designed to protect the environment by collecting and properly disposing of common household hazardous waste, is a component of the Solid Waste Management Act of 1991.

The household hazardous waste program consists of two parts: a mobile collection program to serve 91 rural and suburban counties and the establishment of permanent collection sites in Shelby, Davidson, Hamilton, and Knox counties.

TDEC recently awarded a contract to Laidlaw Environmental Services, Inc. to collect, transport, and recycle or dispose of household hazardous waste in 91 Tennessee counties. The contract requires Laidlaw to provide equipment and trained personnel at scheduled household hazardous waste collection events to be held at each county's designated location.

The mobile collection program will visit the counties on collection days established by local officials. The counties will be required to provide the collection site and advertise the date, time, and location of the collection event. Laidlaw will provide the labor and equipment necessary to receive, identify, sort, package, and transport the collected household hazardous wastes. The contractor will also be required to certify that the wastes are disposed, treated, or recycled at permitted facilities.

In addition to the mobile program, the Solid Waste Management Act will provide funds to establish the permanent household hazardous waste collection facilities in Shelby, Davidson, Knox, and Hamilton counties. Each is eligible for a \$500,000 grant to assist with the implementation of its local program.

The following is a list of household hazardous wastes that will be accepted by the mobile collection service:

Household Cleaners
 drain openers
 oven cleaners
 wood and metal cleaners and polishes
 toilet bowl cleaners
 disinfectants

Automotive Products
 oil and fuel additives
 grease and rust solvents
 carburetor and fuel injector cleaners
 air conditioning refrigerants
 starter fluids
 body putty
 anti-freeze/coolant
 waste oil

Home Maintenance/Improvement Products
 paint thinners
 paint strippers and removers
 adhesives
 paint

Lawn and Garden Products
 herbicides
 pesticides/rodenticides
 fungicides/wood preservatives

Miscellaneous
 batteries
 pool chemicals
 photo processing chemicals
 medicines/drugs
 aerosols/compressed gas

For more information on household hazardous waste collection, contact

Wade Murphy
 Division of Solid Waste Assistance
 14th Floor, L & C Tower
 401 Church Street
 Nashville, TN 37243-0455
 (615) 532-0089

Personnel

Katherine Larrieu, an environmental specialist, has joined the Planning and Standards Section of the Division of Water Pollution Control. Ms. Larrieu will be assisting Dr. Sherry Wang with waste load allocations and total maximum daily loading studies. Ms. Larrieu's direct-dial telephone number is (615) 532-0999.

Rob Howard, an environmental specialist formerly with the Division of Petroleum Underground Storage Tanks (DUST), is now in the Enforcement Section of the Division of Water Pollution Control. Mr. Howard's direct-dial telephone number is (615) 532-0682.

Edward Eastburn, a geologist, has joined the Chattanooga Field Office of DUST. Mr. Eastburn's telephone number is (615) 634-5745.

CHAPTER ELEVEN

IMPLEMENTATION
SCHEDULE, STAFFING &
FUNDING ALLOCATION
OF IMPLEMENTATION

CHAPTER ELEVEN: IMPLEMENTATION SCHEDULE, STAFFING AND FUNDING

After reviewing the detailed analysis as presented in Chapter Two - Ten, "The Plan" is enclosed in this chapter in its entirety as adopted by all three county commissions. This plan has its goal to secure the regional capacity for the next ten years and beyond while maintaining a flexibility such that different components of the structure can mature and become cost effective. The culmination of the analysis is shown in the charts in Chapter Twelve which indicates that this region has a tremendous capacity for solid waste disposal currently and through proper maintenance of this capacity, should serve the citizens of the tri-county area for ten years and beyond. As the difference elements of the plan phase out or change (closing of Humboldt landfill, Milan landfill changes to a Class III or IV landfill in 1996) and as other elements come on line (Humboldt recycling center and transfer stations Sub-title 'D' land fill at Dyersburg and Jere Kirk's landfill) the system can change and adapt to both the economic and political pressure and needs of the region.

Gibson County imposes flow control in order to divert all waste in Gibson County (with the exception of Kenton) to the recycling center at Humboldt. Waste that is unable to be recycled at the center and must be transported to somewhere else is bid to local haulers and lowest bid is taken. Crockett and Dyer Counties are required to get a price for hauling waste to Humboldt to the recycling center but may option to send waste elsewhere if and only if price is not competitive.

OPTION NO. 2

DYERSBURG LANDFILL OPTS TO BE REGIONAL LANDFILL ; HUMBOLDT RECYCLING CENTER DOES NOT REOPEN.

When Dyersburg city landfill elects to become regional landfill, Dyer County can impose flow control for Dyer County. Crockett and Gibson counties are required to solicit a price for the hauling of all waste in their counties to Dyersburg landfill but may option to do otherwise if price is not competitive. If price is competitive all waste must be diverted to Dyersburg landfill through regional flow-control.

OPTION NO. 3

DYERSBURG CITY LANDFILL OPTS TO BECOME REGIONAL LANDFILL AND HUMBOLDT RECYCLING CENTER REOPENS.

Under this option Dyersburg city landfill becomes the regional landfill and Humboldt Recycling center reopens to accept all waste from Gibson County and elsewhere. Flow control is imposed for all of Dyer County to send waste to Dyersburg Landfill and likewise Gibson County imposes flow control over Gibson county to send all waste to the recycling center at Humboldt (except Kenton). Crockett County is required to get a price to send its waste to Humboldt recycling but may elect to do otherwise if the price is not competitive and if recycling efforts in the county without the use of the recycling facility at Humboldt are acceptable. Non-recyclable waste from the recycling center at Humboldt will be hauled to the Dyersburg City landfill if the price is competitive. Dyer County will set up recycling collection centers to collect recyclables to be sent to Humboldt if the price for hauling is competitive.

ALL COUNTIES IN THE REGION

Recycling and Reduction: All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items . In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick-up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

**CROCKETT - DYER - GIBSON REGIONAL
SOLID-WASTE PLAN**

REFERRED TO AS "THE PLAN" HEREWITH:

PHASE I.

DYERSBURG OPTS NOT TO ACCEPT REGIONAL WASTE AND RECYCLE, INC. IS NOT ON LINE.

During Phase I of the plan the counties in the region do not have the advantage of the use of the landfill at Dyersburg or the recycling center at Humboldt. Under Phase I the counties continue to use the private haulers as they are currently set-up except that the private haulers are educated about the regional goals of a 25% reduction by January 1, 1995 and plans are set up for the removal of recyclables through either source reduction in the case of industry or by using other facilities to sort the waste at some designated recycling facility. Also, diversion of yard wastes to a proper landfill is instituted by the tri-county region through the use of private haulers. Educational programs (especially for industry) are set up for the purpose of making the public aware of the need to recycle.

ALL COUNTIES IN THE REGION

Recycling and Reduction : All counties under the plan must initiate and maintain facilities to accept mixed recyclables. Private haulers will be used to pick-up on a regular basis, yard wastes that then will be diverted to a class III or IV landfill either in the region or outside of the region. Public hearings will set up in order to educate the public on the need to recycle and how to separate the different items. In addition all three counties will be required to provide service to at least 90% of the population either through mail-box pick-up or through convenience centers. Billing for the service will be handled through the utility companies where possible.

PHASE II.

SHOULD ANY OR ALL OF THE FOLLOWING OPTIONS BECOME VIABLE , THE REGIONAL SOLID WASTE BOARD WOULD THEN INITIATE THE APPROPRIATE OPTION(S) IN PHASE II OF THE PLAN

OPTION NO.1

RECYCLE CENTER IN HUMBOLDT REOPENS BUT DYERSBURG LANDFILL OPTS NOT TO BE REGIONAL LANDFILL.

DYER CO.

CONVENIENCE CENTERS TO BE ESTABLISHED WITH COUNTY WIDE BILLING ON ELECTRIC BILL. CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

GIBSON CO. AND MUNICIPALITIES MAIL-BOX PICK-UP BY PRIVATE HAULER TO BARKER BROS., KIRK OR CAMDEN. RECYCLABLES PICK-UP 1 OR 2 DAYS PER MONTH.

DYER
(528.6 SQ. MI.)

GIBSON
(606.0 SQ. MI.)

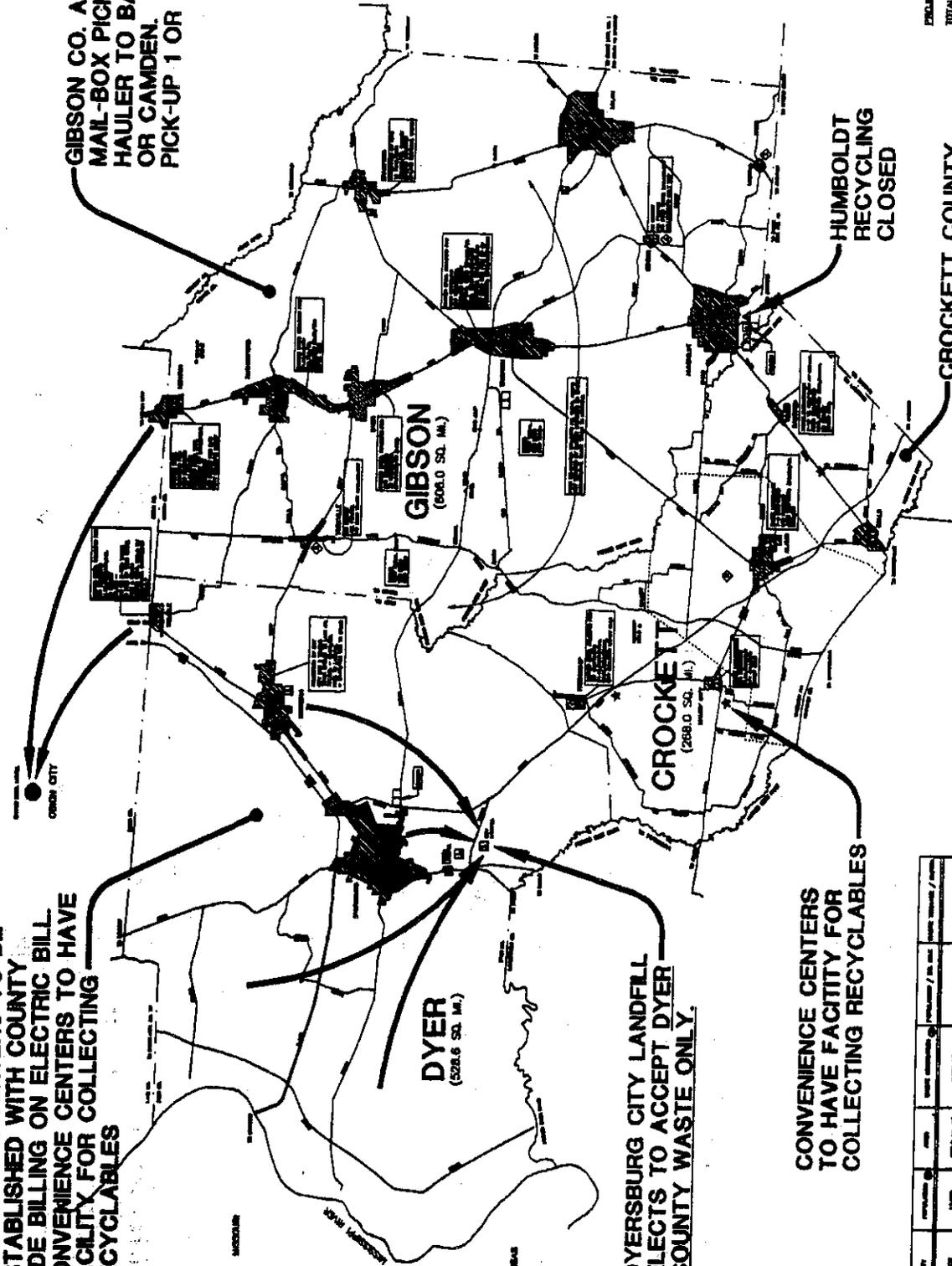
CROCKETT
(268.0 SQ. MI.)

DYERSBURG CITY LANDFILL ELECTS TO ACCEPT DYER COUNTY WASTE ONLY.

CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

HUMBOLDT RECYCLING CLOSED

CROCKETT COUNTY TO KIRK'S OR CAMDEN BY PRIVATE HAULERS



LEGEND

- * APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
- CONVENIENCE CENTERS
- PROVIDED: HUMBOLDT RECYCLING
- PROVIDED: CLASS I LANDFILL
- INCINERATOR
- △ PROCESSING CENTER (METCO/ING CENTER)
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY SAID MUNICIPALITY
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY WASTE MANAGEMENT OF JACKSON
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY LOWERY'S GARAGE SERVICE
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY BARKER BROS.
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN (COLLECTOR CONTRACTING WITH HOUSEHOLDERS)
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN (COLLECTOR CONTRACTING WITH HOUSEHOLDERS) PROVIDER: HAMP SHERRILL

COUNTY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH UNINCORPORATED AREAS OF COUNTY (COLLECTOR CONTRACTING WITH HOUSEHOLDERS)

PREPARED BY: JREK
TOTAL LAND AREA: 1,402.6 SQ. MI.
TOTAL POPULATION: 99,748
AVERAGE DENSITY (POP./SQ. MI.): 70.40 PERSONS/SQ. MI.

PLAN I

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP

CROCKETT-DYER-GIBSON COUNTIES REGIONAL SOLID WASTE MANAGEMENT PLAN 1988

CDG-1

COUNTY	POPULATION	LAND AREA (SQ. MI.)	POPULATION / SQ. MI.	PERCENTAGE OF COUNTY POPULATION	PERCENTAGE OF COUNTY LAND AREA
DYER	10,000	528.6	19.1	10.0	37.7
GIBSON	10,000	606.0	16.5	10.0	43.2
CROCKETT	10,000	268.0	37.3	10.0	19.1
TOTAL	30,000	1,402.6	21.4	30.0	100.0

© 1988 THE STATE OF MISSISSIPPI
THIS PLAN WAS PREPARED FOR THE PURPOSE OF PROVIDING A BASIS FOR THE DEVELOPMENT OF A SOLID WASTE MANAGEMENT PLAN FOR THE CROCKETT-DYER-GIBSON COUNTIES REGIONAL SOLID WASTE MANAGEMENT PLAN 1988.

DYER COUNTY.

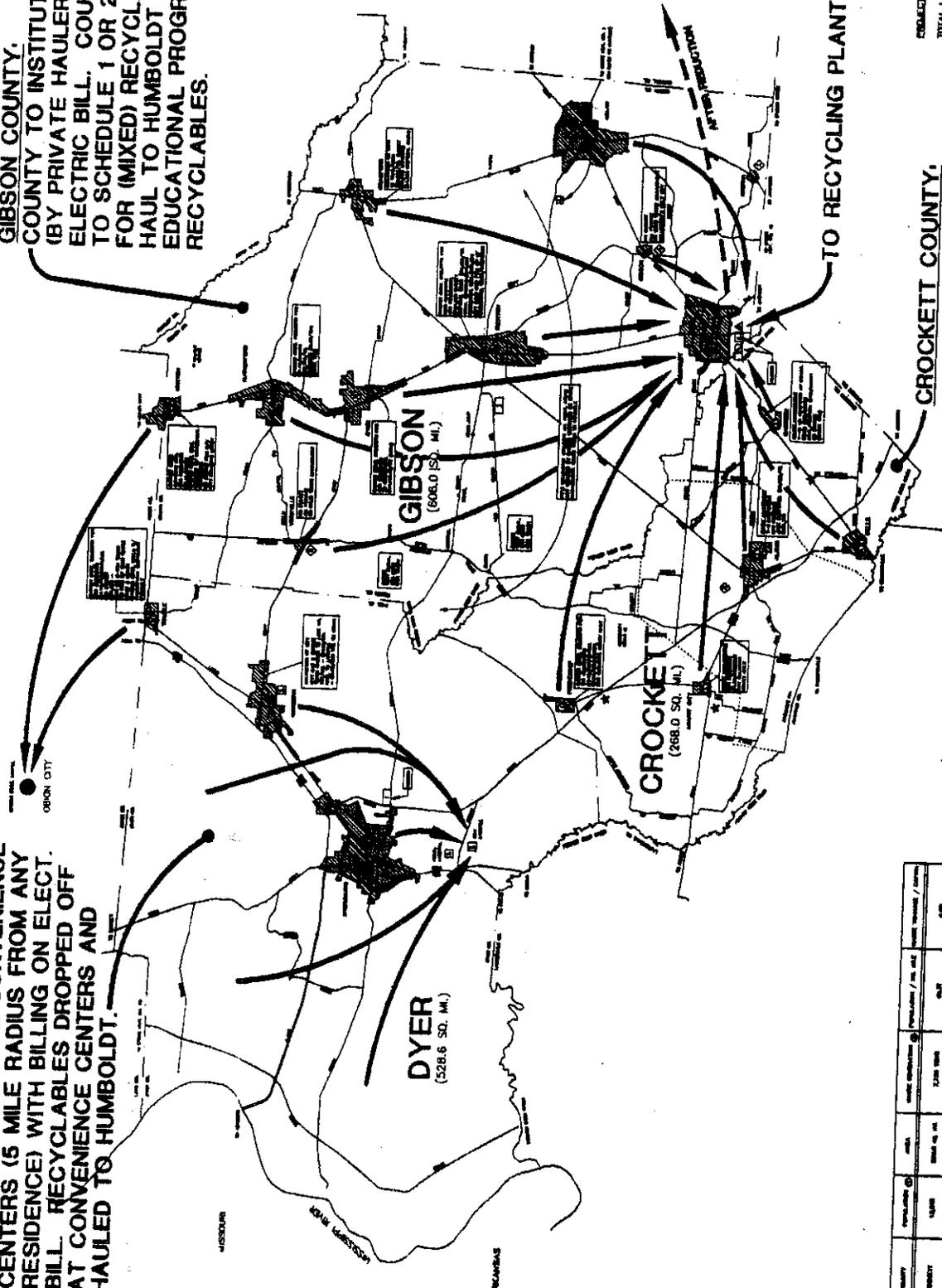
COUNTY TO INSTITUTE CONVENIENCE CENTERS (5 MILE RADIUS FROM ANY RESIDENCE) WITH BILLING ON ELECT. BILL. RECYCLABLES DROPPED OFF AT CONVENIENCE CENTERS AND HAULED TO HUMBOLDT.

GIBSON COUNTY.

COUNTY TO INSTITUTE MAIL-BOX PICK-UP (BY PRIVATE HAULER) WITH BILLINGS ON ELECTRIC BILL. COUNTY AND MUNICIPALITIES TO SCHEDULE 1 OR 2 DAYS PER MONTH FOR (MIXED) RECYCLABLES PICK-UP HAUL TO HUMBOLDT RECYCLING. INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.

CROCKETT COUNTY.

COUNTY TO HAUL (USING PRIVATE HAULER) ALL WASTE TO HUMBOLDT FOR RECYCLING. INSTITUTE EDUCATIONAL PROGRAMS FOR SEPARATING RECYCLABLES.



- LEGEND**
- ★ APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
 - CONVENIENCE CENTERS
 - PROVIDER: HUMBOLDT RECYCLING
 - PERMITTED CLASS 1 LANDFILL
 - WASTE GENERATOR
 - △ PROCESSING CENTER (RECYCLING CENTER)
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY SAID MUNICIPALITY
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY WASTE MANAGEMENT OF JACOBSON*
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY LOWERY'S GARBAGE SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY BARBER BROS.**
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY PETE BULLINGTON
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN (COLLECTOR CONTRACTING WITH HOUSEHOLDERS)
 - ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN (COLLECTOR CONTRACTING WITH HOUSEHOLDERS) PROVIDER: HOMER SANITATION
 - ◇ COMPANY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH UNINCORPORATED LAND AND UNINCORPORATED COLLECTOR CONTRACTING WITH HOUSEHOLDERS

COLLECTED BY 1982
 TOTAL LAND AREA: 1,402.6 SQ. MI.
 TOTAL POPULATION: 94,748
 AVERAGE DENSITY (POP./SQ. MI.): 70.40 PERSONS/SQ. MI.

PLAN II - OPTION 1

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP

CROCKETT-DYER-GIBSON COUNTIES REGIONAL SOLID WASTE MANAGEMENT PLAN

1988

CDG-2

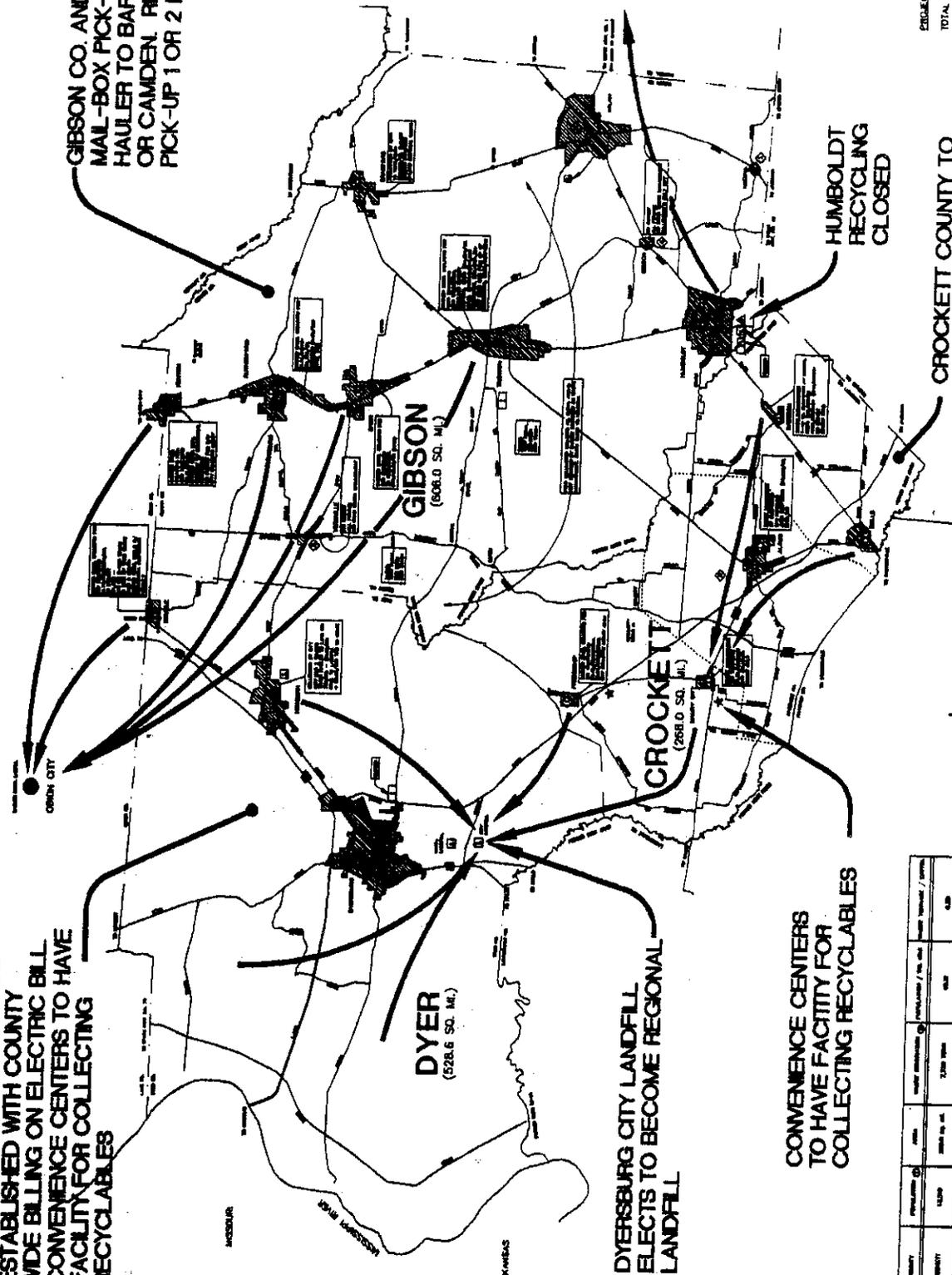
COUNTY	POPULATION	AREA	POPULATION / SQ. MI.	PERCENT POPULATION / AREA
DYER	14,200	528.6	26.87	1.4
GIBSON	28,000	606.0	46.20	2.8
CROCKETT	14,000	268.0	52.24	3.5
TOTAL	56,200	1,402.6	40.04	100.0

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 * THIS PLAN WAS PREPARED BY THE UNIVERSITY OF MISSISSIPPI AT OLE MISS

DYER CO.

CONVENIENCE CENTERS TO BE ESTABLISHED WITH COUNTY WIDE BILLING ON ELECTRIC BILL. CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

GIBSON CO. AND MUNICIPALITIES MAIL-BOX PICK-UP BY PRIVATE HAULER TO BARKER BROS., KIRK OR CAMDEN. RECYCLABLES PICK-UP 1 OR 2 DAYS PER MONTH.



DYERSBURG CITY LANDFILL ELECTS TO BECOME REGIONAL LANDFILL

CONVENIENCE CENTERS TO HAVE FACILITY FOR COLLECTING RECYCLABLES

HUMBOLDT RECYCLING CLOSED

CROCKETT COUNTY TO HAUL TO DYERSBURG BY PRIVATE HAULERS

GIBSON (908.0 SQ. MI.)

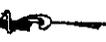
CROCKETT (268.0 SQ. MI.)

DYER (528.6 SQ. MI.)

LEGEND

- APPROXIMATE SERVICE BOUNDARIES FOR CONVENIENCE CENTERS
- ★ CONVENIENCE CENTERS
- PROVIDER: HUMBOLDT RECYCLING
- PERMITTED CLASS 1 LANDFILL
- INCINERATOR
- △ PROCESSING CENTER (RECYCLING CENTER)
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY 3RD MUNICIPALITY
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY MUNICIPALITY SHOWN
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY WASTE MANAGEMENT OF "JACKSON"
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY LONEY'S GARBAGE SERVICE
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY BARKER BROS.
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY HOUSEHOLDERS
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY PET BULLINGTON
- ◇ DOOR-TO-DOOR COLLECTION SERVICE WITHIN MUNICIPALITY SHOWN PROVIDED BY HOUSER SANITATION
- ◇ COMPANY ALSO PROVIDES HOUSE-TO-HOUSE COLLECTION SERVICE WITH LIMITED AREAS OF COUNTY (COLLECTOR CONTRACTING WITH HOUSEHOLDERS)

PROJECTED BY 1983
 TOTAL LAND AREA: 1,422.6 SQ. MI.
 TOTAL POPULATION: 98,740
 AVERAGE DENSITY (POP./SQ. MI.): 70.40 PERSONS/SQ. MI.



COUNTY	POPULATION	AREA	DENSITY	WASTE MANAGEMENT	PERCENTAGE OF POP. WITH HOUSEHOLDERS	WASTE MANAGEMENT / PERCENT
DYER	12,000	528.6 SQ. MI.	22.7	7,200 TONS	60%	0.38
GIBSON	24,000	908.0 SQ. MI.	26.5	14,400 TONS	60%	0.38
CROCKETT	12,740	268.0 SQ. MI.	47.5	7,644 TONS	60%	0.38
TOTAL	50,740	1,704.6 SQ. MI.	29.8	30,244 TONS	60%	0.38

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 THIS MAP WAS PREPARED FOR THE PURPOSES OF THIS PROJECT.

PLAN II - OPTION 2

CROCKETT-DYER-GIBSON REGIONAL SOLID-WASTE MAP

CROCKETT-DYER-GIBSON COUNTIES REGIONAL SOLID WASTE MANAGEMENT PLAN 1983

CDG-3

BUDGET

Based on the estimated costs (capital, annual operation and maintenance) for each system element of "The Plan" as set forth in Chapter X, attached is a 10-year budget for implementing the regional solid waste plan. An inflation number of 5% every three years was due to conversations with the private haulers in which the contractual agreements for various municipalities and county governments were discussed. It was based on the consumer price index which average 1.5% to 3% per year.

Our planning region has not been supplied with the chart of accounts that was to be developed by the Comptroller as described in Chapter II of the "Guidelines: and it is our understanding at this date that this chart of accounts is not available at this date.

The region, as it grows and begins to comply with all the new hazardous waste, waste reduction and recycling mandates, will look more and more to grant applications to fund the equipment needed to site, construct and maintain.

FUNDING

A. Local

Effective July 1, 1991, each county, municipality or solid waste authority which owns a municipal solid waste disposal facility or incinerator may impose a tipping fee upon each ton of municipal solid waste or its volume equivalent received at any disposal facility or incinerator owned by the government unit imposing the tipping fee. Revenue from tipping fees received by counties, municipalities, and solid waste authorities as publicly owned solid waste disposal facilities and incinerators shall be expended only for solid waste management purposes.

In addition to tipping fees at their own facilities, after the regional solid waste plan is approved, each county, municipality, and solid waste authority may impose a surcharge on each tone of municipal solid waste received at each landfill or incinerator within their jurisdiction, whether publicly or privately owned. Also, each county, municipality, and solid waste authority is authorized to impose a solid waste disposal fee on generators of solid waste in their respective jurisdictions, except that such a fee may not be imposed on any generator of solid waste when the generator disposes of the waste in a facility located on land owned by the generator. A county, municipality, or solid waste authority may enter into an agreement with an electric utility to collect the solid waste disposal fee as part of the utility's billing process. This agreement is subject to any other requirements of law. The funds generated from these local fees may be used to establish and maintain collection and disposal services, including convenience centers.

Once the regional solid waste plan is approved by the State Planning Office, a county that is host to a solid waste disposal facility or incinerator used by other counties in the same region may impose a surcharge on municipal solid waste received at any such solid waste disposal facility or incinerator. This surcharge is to be imposed on each ton or volume equivalent of municipal solid waste received at the facility. The revenue received by a county from this surcharge shall be expended for solid waste management purposes or for purposes related to offsetting costs incurred and other impacts resulting from the county being host to the solid waste disposal facility or incinerator.

B. State

Effective July 1, 1991, a state surcharge of eighty-five cents (85¢) per ton on each ton of municipal solid waste received at all solid waste disposal facilities or incinerators will be charged and will go to the Solid Waste Management Fund. Furthermore, after the regional plan is approved, a county, city or solid waste authority may impose a surcharge on waste received by any landfill or incinerator (public or private). Nothing in the act prohibits a county from establishing a tipping fee higher than the eighty-five cents (85¢) per ton required to be paid to the state for the waste received at a county facility.

Effective October 1, 1991, the state shall impose a waste tire disposal fee of one dollar (\$1.00) which will be applied to the sale of new tires sold in Tennessee.

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

APPROXIMATE OPERATIONAL / BUDGETED SOLID WASTE COST FOR THE REGION (1993)*

DYER COUNTY:		\$232,600	80% INDUSTRIAL
	DYERSBURG	\$1,200,000	
	TRIMBLE	\$21,600	
	NEWBERN	\$32,000	
		\$1,486,200	
GIBSON COUNTY:		\$344,000	80% INDUSTRIAL
	HUMBOLDT	\$550,000	
	GIBSON	\$12,000	
	MEDINA	\$40,000	
	MILAN	\$427,160	
	BRADFORD	\$33,000	
	TRENTON	\$223,230	
	DYER	\$50,000	
	RUTHERFORD	\$32,700	
	YORKVILLE	\$12,000 **	
		\$1,724,090	
CROCKETT COUNTY:		\$185,520	43% INDUSTRIAL
	ALAMO	\$140,000	
	BELLS	\$70,000	
	GADSEN	\$12,000	
	MAURY CITY	\$15,000	
	FRIENDSHIP	\$16,141	
		\$438,661	
	REGIONAL TOTAL	\$3,648,951	

* AMOUNTS INCLUDE RESIDENTIAL / COMMERCIAL & INDUSTRIAL WASTES.

** ESTIMATED

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

TOPIC: WASTE REDUCTION

SUBJECT: REGIONAL ESTIMATED BUDGET FOR OPERATIONAL COST FOR NEXT TEN YEARS

COUNTY: ALL

YEAR	AMOUNT
1993	\$3,648,951
1994	\$3,648,951
1995	\$3,831,399
1996	\$3,831,399
1997	\$3,831,399
1998	\$4,022,968
1999	\$4,022,968
2000	\$4,022,968
2001	\$4,224,117
2002	\$4,224,117

CROCKETT-DYER-GIBSON REGIONAL SOLID WASTE MANAGEMENT PLAN

THE PROPOSED REGIONAL SYSTEM CAN BE SHOWN IN A PROPORTIONAL FLOW DIAGRAM AS ILLUSTRATED BELOW.

COUNTY	YEARLY GENERATIONS (TONS)
CROCKETT	7,730
DYER	54,750
GIBSON	27,482
	89,962

GOALS FOR 1ST PLANNING PERIOD
JULY 1, 1994 TO JULY 1, 1995

