

Routing Page  
Solid Waste Planning Region  
5 - YR Update

Planning Region: Granger Co 29

**Clerk**

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

1. Write in the name of the person completing this report Mitch Loomis  
a "cc" for all letters sent to the chairperson.
  
2. (may be attached as a separate list):  
Was a list of board members provided?  Yes  No  
*If yes, continue to question four and verify the term of each member is current.  
If no, skip question and go directly to question.*
  
3. Was the term of each member current?  Yes  No  
*Continue to question.*
  
4. See page 14:  
Did the chairperson of the board sign and date the report?  Yes  No  
*Continue to question.*
  
5. See page 14:  
Did the county executive, (each local Government body) sign and date the report?  Yes  No  
*Continue to question.*
  
6. Which reviewer was assigned to this report?  Wayne  Bob  Lori  Wendy
7. *Continue to question.*
  
8. On what date was the report sent to the reviewer? 03/27/03
  
9. *Continue to question.*
  
10. What is the deadline for the review (i.e., 90 working days from received stamp)? 04/24/03  
*Attach routing page to the report and give it to the reviewer.*

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

**Reviewer**

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



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

March 31, 2003

Mr. Doug Beeler, Chairman  
Grainger County Municipal Solid Waste Planning Region  
Route 1  
Washburn, Tennessee 37888

Re: Five-year Update to Ten-year Solid Waste Plan


Dear Mr. Beeler:

Thank you for the information just received from Mr. Mitch Loomis, East Tennessee Development District, relative to the Five-year Update to ~~Cooke~~<sup>Grainger</sup> County's Solid Waste Plan. Division staff has reviewed the information and the region's Five-year Update is now approved.

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

If you have comments or need our assistance, please contact me at the Division of Community Assistance, [wendy.davis@state.tn.us](mailto:wendy.davis@state.tn.us) or (615) 532-8004.

Regards,

  
Wendy Davis  
Planning, Reporting, and Waste Reduction

cc: The Honorable Paul Merritt, Grainger County Executive  
Mr. Mitch Loomis, East Tennessee Development District  
Ms. Chris Garkovich, UT-CTAS  
Mr. Mark Penland, EC, Knoxville Environmental Assistance Center



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

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

March 26, 2002

Mr. Doug Beeler, Chairman  
Grainger Co. Municipal SW Planning Region  
Route 1  
Washburn, TN 37888

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

Dear Mr. Beeler:

Thank you for your submission of the Grainger Co. Municipal SW Planning Region County Five-year Update to Ten-year Solid Waste Plan. We received your plan on March 24, 2003. Division staff will complete the review within the next 90 days as required by The Solid Waste Act of 1991.

If you need additional information or have further questions, please contact me at 615-532-0095.

Sincerely,

Louis Bordenave

LB:pag

cc: The Honorable Paul Merritt, Grainger County Executive  
Mr. Mitch Loomis, (SWM), East TN Development District  
Ms. Chris Garkovich, SW Management Consultant, CTAS  
Mr. Mark Penland, EC, Knoxville Environmental Assistance Center



DATE: March 21, 2003

TO: Wendy Davis

FROM: Mitchell Loomis *ML*

SUBJECT: Grainger Co. 5-year plan

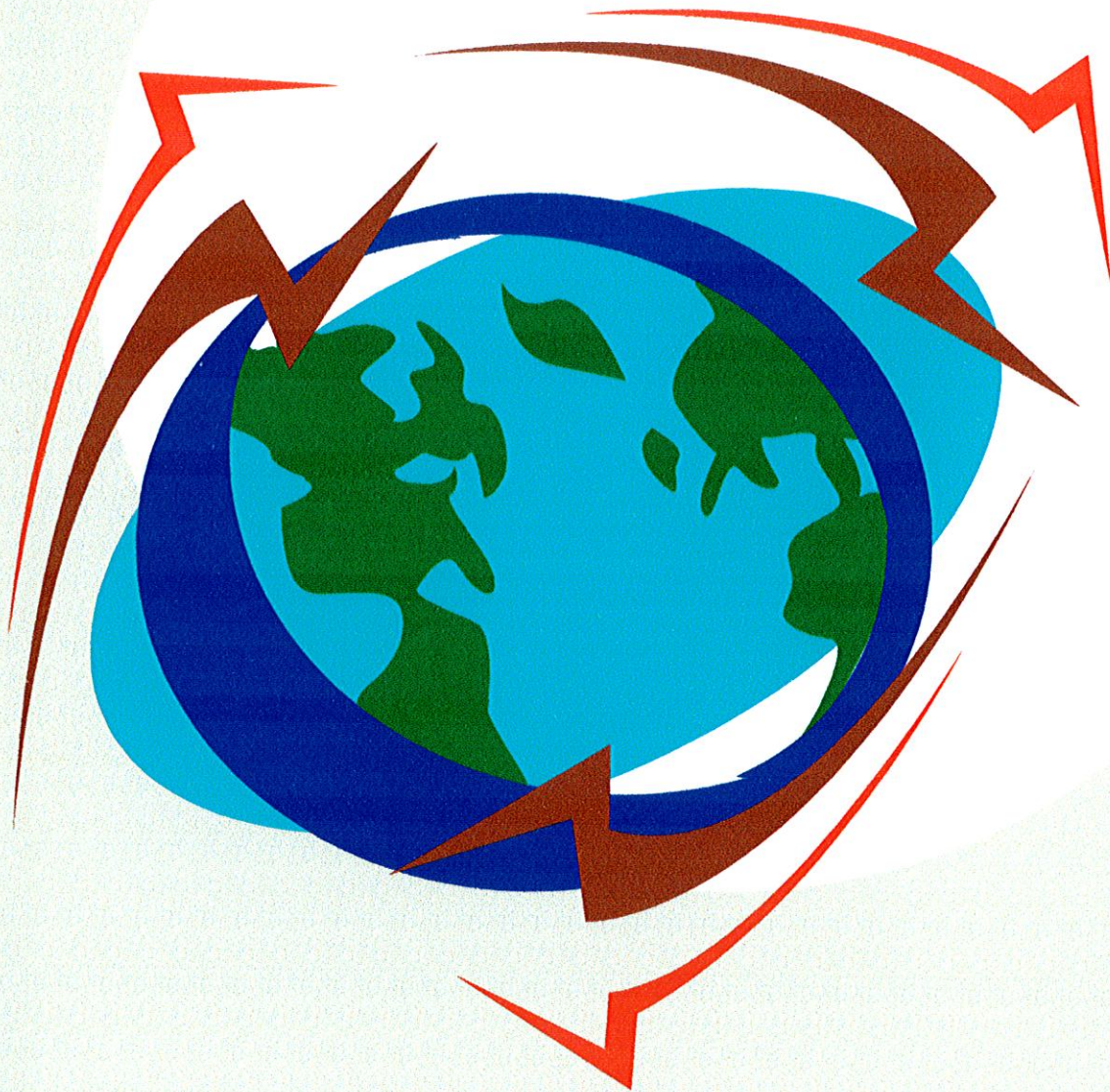
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Enclosed is the Grainger County 5-year plan update to 10 year plan.

If you have any questions, please give me a call at (865) 584-8553.

With kindest wishes and best regards.

# Grainger County Region



## **Ten Year Solid Waste Plan Five Year Update**

March 19, 2003



Grainger County Region

Ten Year Solid Waste Plan

Five Year Update

March 19, 2003

## Appendix

Chapter 1 - Summary

Chapter 2 - General Information

Chapter 3 - Waste Stream

Chapter 4 - Collection and Transportation

Chapter 5 - Recycling

Chapter 6 - Disposal

Chapter 7 - Problem Wastes

Chapter 8 - Solid Waste Education

Chapter 9 - Flow Control and Permit Review

Chapter 10 - Five Year Plan Update Review

## Grainger County Regional Solid Waste

### 5-year Plan Update

#### Executive Summary

The Grainger County Region was established as a single county region in 1996 and has continued to operate as a single county region. The region is made up of one county, Grainger and three cities, Rutledge, Blaine and Bean Station. The region encompasses 280.4 square miles with a population of 20,659. The region has rural characteristics which features ridges and valleys that have traditionally been a barrier to land development. The urban population makes up 26% of the total population of Grainger County.

The Grainger County Region is represented by a seven (7) member solid waste board. The board was established under the guidelines of the Solid Waste Management Act of 1991. The Board meets when needed to discuss solid waste issues and set solid waste policies. In addition, Grainger County has a landfill manager that oversees the day to day operation within the County and carries out policies set by the County Executive and the County Commission.

It should be noted that the many of the activities established in the original ten year plan have been implemented within the first five years. The next five years will see a lot of the same activities going on with some fine tuning taking place.

In the Year 2001, the region of Grainger County generated 7,912 tons of refuse of which 84% or 6,654 tons were disposed of in a Class I landfill, 8.8% or 700 tons of waste was diverted by way of a Class III/IV landfill, 7.2% or 558 tons of waste was recycled through a variety of industrial, commercial, county and city activities. Some of the recycling activities includes the county providing drop off sites at the convenience center that allowed for the collection of newspaper,



cardboard, aluminum cans, aluminum scraps, plastic, metals and used oil. The recyclable materials are transported to an end user by way of a private hauler. Future plans call for the County to add additional drop off sites throughout the county. The City of Blaine collects mixed office paper, cardboard, plastic, metals and used oil for recycling. Both Bean Station and Rutledge will be looking at starting a brush composting program within the next five years. Tire collection has been done by private dealers. However, the county will be negotiating with an end user for the 2004 year and will collect tires at the landfill site. Unless the State discontinues the State Tire grant, the region will continue the same method of tire handling for the next ten years.

Sent to Knoxville for recycling

The Grainger County region collects refuse from their citizens through a network of seven (7) convenience centers scattered throughout the region. The county transports the waste to Carter Valley Landfill in Hawkins County. The Grainger County Region is looking at constructing two more convenience centers within the next two years with the help of State grant funding. The two areas in questions for location are the Bean Station and Blaine areas. The County is currently examining the possibility of changing their collection system to a roll-off system and is also examining the possibility of a small transfer station. The Cities will continue to utilize the convenience centers for their refuse collection for the next five years.

The Grainger County region currently has a year to year contract and is free to shop the market place for the best tipping price. Possibilities are Carter Valley with a 14 year life expectancy and Chestnut Ridge with a 25 year life expectancy. Also, neighboring Union County has a permitted landfill that is not open at the present time.

The Grainger County Region will continue to operate at least one Household Hazardous Waste (HHW) event per year over the next 10 years. Grainger County will be re-permitting their convenience centers to allow for the collection of paint within the 2004 year. Paint and land chemicals will still be the most prominent waste taken in at the HHW events. Waste tires that were discussed under the recycling section will continue to be handled the same way for at least one more year. Grainger County proposes to begin the collection of waste tires at the landfill and contracting with an end user in the 2004 year. This change will remain in effect for the next five years.

The Grainger County Region will continue to rely upon Clinch-Powell RC&D for educating the public on solid waste. The Region will continue to utilize some of the litter grant money to fund the Partners for Clean Community program.

Currently, the Region of Grainger County makes no attempts to provide flow control and has no intentions to attempt flow control within the next 10 years.

The regional implementation schedule and flow chart are shown in the appendix. The regional 10 year solid waste budget total is shown in the following chart on the next page.

## 10 Year Solid Waste Budget For Grainger County Region

	Waste Pick-up (disposal)	Landfill Operation	Litter & Trash Collection	Post Closure Care	Debt Service	Recycling/ Education	Grand Total
FY 2002	\$250,000.00	\$20,000.00	\$232,180.00	\$10,000.00	\$50,000	\$38,730.00	\$599,910.00
FY 2003	\$257,500.00	\$20,600.00	\$239,145.00	\$10,300.00	\$35,000	\$39,892.00	\$602,437.00
FY 2004	\$265,225.00	\$21,218.00	\$258,320.00	\$10,609.00	\$20,000	\$41,089.00	\$616,461.00
FY 2005	\$473,182.00	\$21,855.00	\$265,709.00	\$10,927.00	\$5,000	\$42,321.00	\$818,994.00
FY 2006	\$281,377.00	\$22,510.00	\$273,321.00	\$11,255.00	\$0.00	\$43,591.00	\$632,014.00
FY 2007	\$289,819.00	\$23,185.00	\$281,160.00	\$11,593.00	\$0.00	\$44,899.00	\$650,656.00
FY 2008	\$298,513.00	\$23,881.00	\$289,235.00	\$11,941.00	\$0.00	\$46,246.00	\$669,816.00
FY 2009	\$307,468.00	\$24,597.00	\$297,552.00	\$12,299.00	\$0.00	\$47,633.00	\$689,549.00
FY 2010	\$316,693.00	\$25,335.00	\$306,119.00	\$12,668.00	\$0.00	\$49,062.00	\$709,877.00
FY 2011	\$326,193.00	\$26,095.00	\$314,942.00	\$13,048.00	\$0.00	\$50,534.00	\$730,812.00

Note: Increase in waste pickup for 2005 is the result of a transfer station.

Note: 2004-2011 in litter&trash collection is the result of roll-off containers and trucks. \$12,000 per years. The cost of living index used is 3%.

# Chapter 1:

## Implementation Schedule

### Ten Year Implementation Schedule for Recycling Program

Recycling:	02	03	04	05	06	07	08	09	10	11	Responsible Party	\$ Annual Amount	Funding Source
Encourage Industrial/ Commercial	X										County/CIS	N/A	N/A
Integrate Recycling with Convenience Centers	X										County	\$10,000	Various
Construct Convenience Centers			X								County	\$120,000	State Grant
Increase types of Recyclable Materials at convenience centers		X		X		X		X		X	County	\$0	Self Funded
Educate the Public	X										County	N/A	State Grants/ Private
Purchase Recycling Equipment	X	X	X	X	X	X	X	X	X	X	County/Cities	\$25,000	State Grants
Plan Updates	X					X					Solid Waste Board	N/A	N/A
Annual Reports and Data Collection	X	X	X	X	X	X	X	X	X	X	Solid Waste Coordinator	N/A	N/A

### Ten Year Implementation Schedule for Collection Program

Collection:	02	03	04	05	06	07	08	09	10	11	Responsible Party	\$ Annual Amount	Funding Source
Continue Door to Door Collection	X										Cities & Private Haulers	Varies	Solid Waste Fee
Construct & Purchase Equipment for Convenience Centers			X	X	X	X	X	X	X	X	County	\$12,000	State Grant and General Fund
Manned Convenience Centers	X										County	\$150,000	General Fund
Plan Update	X					X					Solid Waste Board	N/A	N/A
Annual Reports	X	X	X	X	X	X	X	X	X	X	Solid Waste Coordinator	N/A	N/A

### Ten Year Implementation Schedule for Disposal of Solid Waste

Disposal	02	03	04	05	06	07	08	09	10	11	Responsible Party	\$ Annual Amount	Funding Source
Post Closure Care	X	X	X	X	X	X	X	X	X	X	County	\$10,000	County
Construction of Transfer station				X							County	\$200,000	County
Plan Update	X					X					Solid Waste Board	N/A	N/A
Annual Report	X	X	X	X	X	X	X	X	X	X	Solid Waste Coordinator	N/A	N/A

### Ten Year Implementation Schedule for Education Program

Education	01	02	03	04	05	06	07	08	09	10	Responsible Party	\$ Annual Amount	Funding Source
Enforce Illegal Dumping	X										Sheriff Dept., THP & General Sessions Court	N/A	N/A
Hire Education Coordinator	X										County	\$22,000	General Fund
Increase Education Program hours		X									County	\$5,000	Ameri-corp
Plan Updates	X					X					Solid Waste Board	N/A	N/A
Annual Reports	X	X	X	X	X	X	X	X	X	X	Solid Waste Coordinator	N/A	N/A



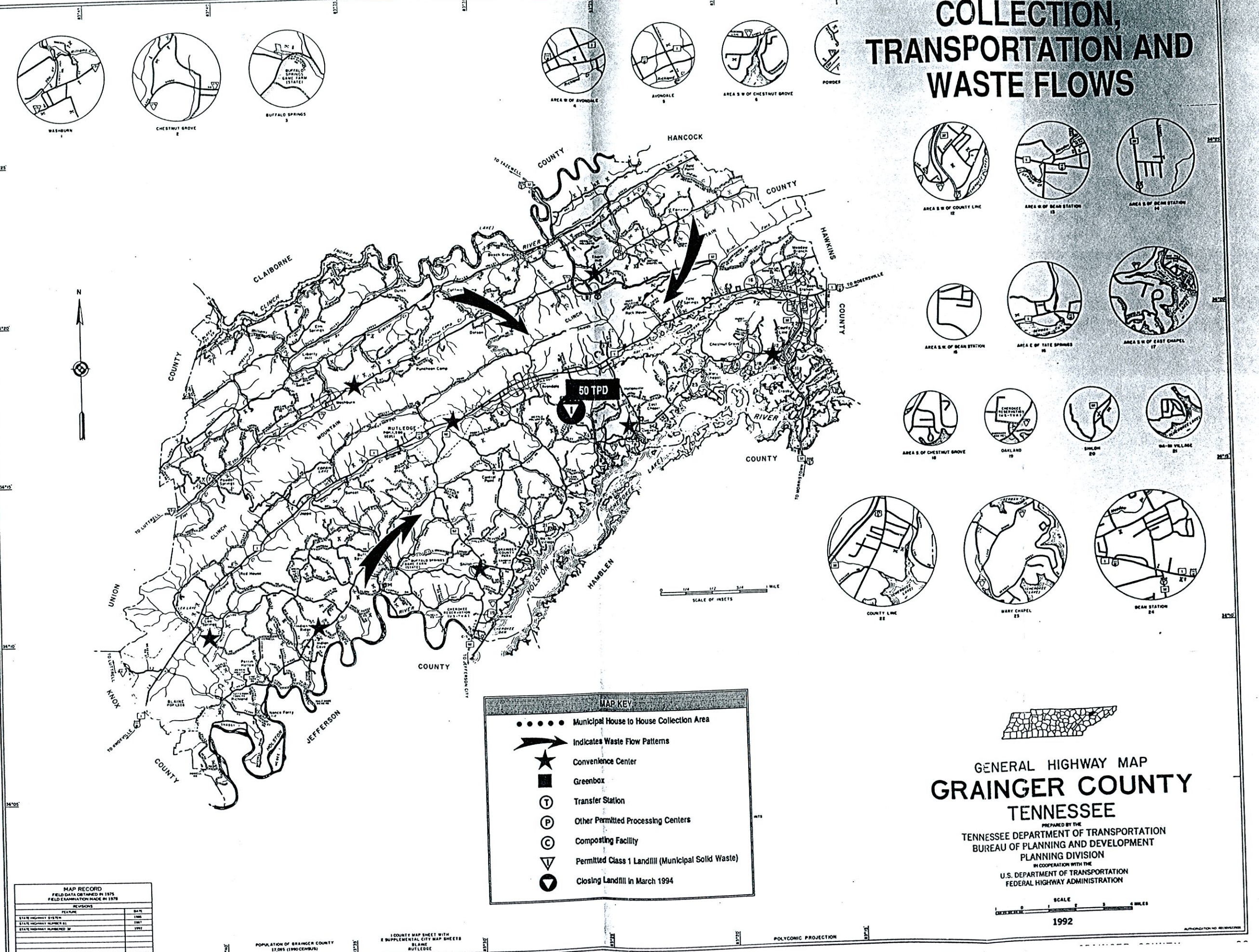
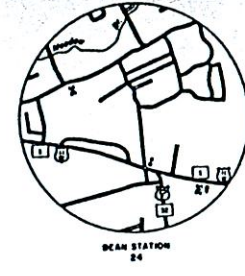
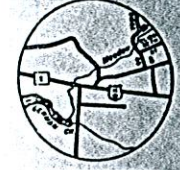
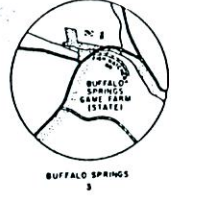
### Ten Year Implementation Schedule for Household Hazardous Waste

HHW	02	03	04	05	06	07	08	09	10	11	Responsible Party	\$ Annual Amount	Funding Source
Used State's Mobile Equipment	X	X	X	X	X	X	X	X	X	X	Solid Waste Board	\$1000	Tipping Fee
Publicize HHW Sites	X	X	X	X	X	X	X	X	X	X	Solid Waste Board	\$1000	Tipping Fee
Establish Tire Storage Site	X										Regional Landfill	N/A	State Grant
Integrate HHW Sites with Convenience Centers				X							County	\$100	State Grant
Contract with Private Hauler for Disposal of Tires				X							County	TBD	State Grant
Plan Update	X					X					Solid Waste Board	N/A	N/A
Annual Reports	X	X	X	X	X	X	X	X	X	X	Solid Waste Coordinator	N/A	N/A

# Chapter 1 :

## Maps

# COLLECTION, TRANSPORTATION AND WASTE FLOWS



**MAP KEY**

- Municipal House to House Collection Area
- ➔ Indicates Waste Flow Patterns
- ★ Convenience Center
- Greenbox
- Ⓣ Transfer Station
- Ⓟ Other Permitted Processing Centers
- Ⓢ Composting Facility
- ▽ Permitted Class 1 Landfill (Municipal Solid Waste)
- ▽ Closing Landfill in March 1994

**MAP RECORD**  
FIELD DATA OBTAINED IN 1975  
FIELD EXAMINATION MADE IN 1978

REVISIONS	DATE
STATE HIGHWAY SYSTEM	1986
STATE HIGHWAY NUMBER #1	1987
STATE HIGHWAY NUMBER #2	1992

POPULATION OF GRAINGER COUNTY  
17,085 (1990 CENSUS)

1 COUNTY MAP SHEET WITH  
8 SUPPLEMENTAL CITY MAP SHEETS  
BLAINE  
RUTLEDGE

POLYCONIC PROJECTION



1992

## GENERAL HIGHWAY MAP GRAINGER COUNTY TENNESSEE

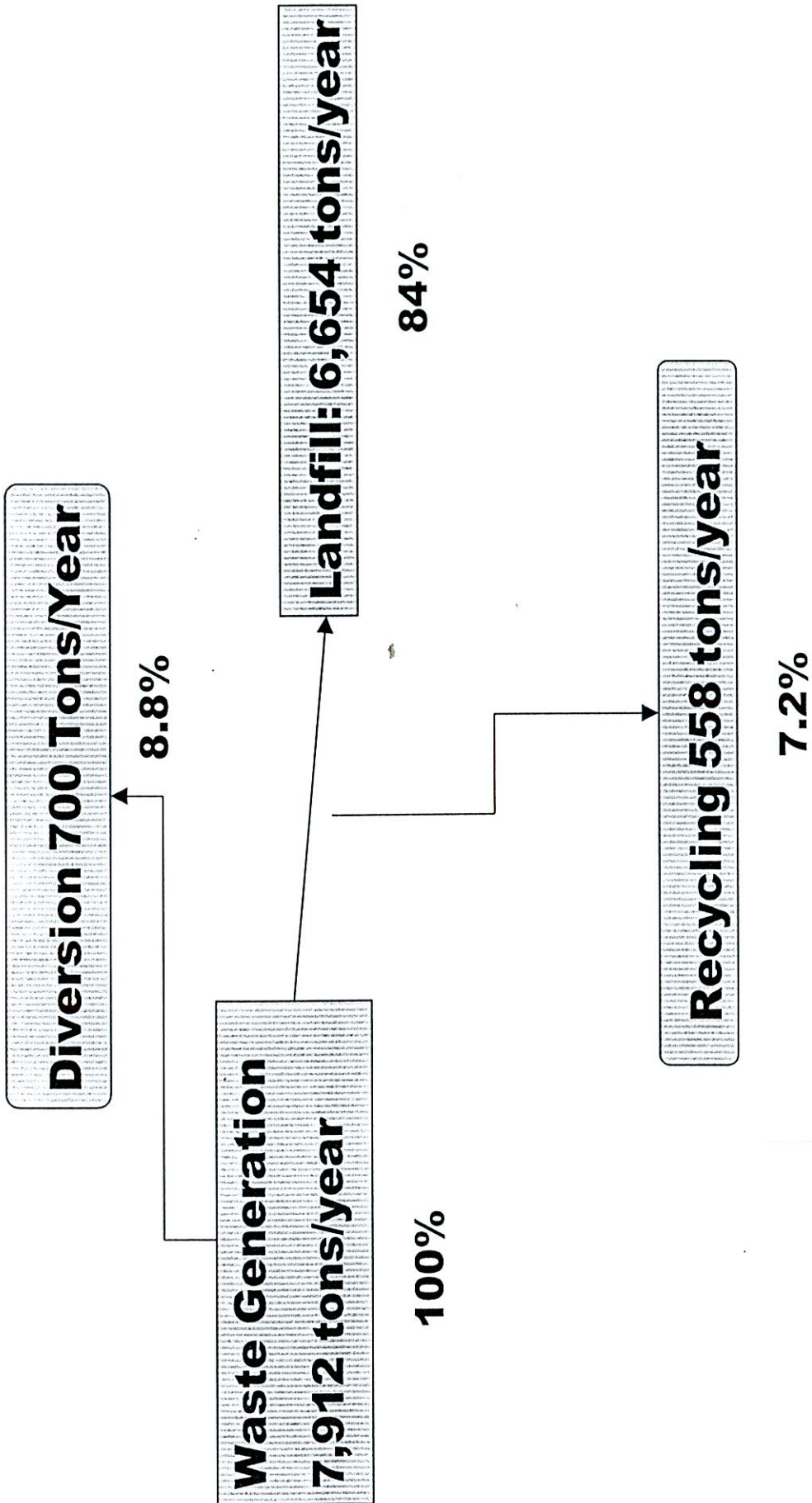
PREPARED BY THE  
TENNESSEE DEPARTMENT OF TRANSPORTATION  
BUREAU OF PLANNING AND DEVELOPMENT  
PLANNING DIVISION  
IN COOPERATION WITH THE  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZATION NO. 8818947208

## Chapter 1:

### Flow Diagram

# Flow Chart for Grainger County Region



## Chapter 2:

1. Identify the Region by name, and list counties and municipalities that comprise the Region.

**Region Name : Grainger County**  
**Counties : Grainger County**  
**Cities : Rutledge, Bean Station & Blaine**

2. Total Population of Region.

20,659 → year : source?

3. Regional Solid Waste Board Members

### Seven Member Board

Member Name	County/Municipality Representing	Term of Office	Appointed By	Confirmed By
Doug Beeler, Chairman Route 1 Washburn, TN. 37888	Grainger County	07-01-99 to 03-08-05	County Executive	County Commission
Stanley Roach	Rutledge	07-01-99 to 03-08-05	Mayor	City Council
J.C. Williams	Grainger County	07/01/99 to 03/08/05	County Executive	County Commission
Buel Roach	Bean Station	07/01/01 to 03/08/03	Mayor	City Council
Larry Johnson	Grainger County	07/01/01 to 03/08/07	County Executive	County Commission
Paul Merritt	Grainger County	09/01/02 to 09/01/06	County Executive	County Commission
Vicki Vineyard	Blaine	07/01/01 to 03/08/07	Mayor	City Council

4. Has the Region formed a Part 9 Solid Waste Authority?

**No**

5. Three contacts for solid waste information for Grainger County

1. **Paul Merritt, County Executive**  
**P.O. Box 126**  
**Rutledge, TN. 37861-0126**
2. **Doug Beeler, Chairman**  
**Grainger County Solid Waste Board**  
**Route 1**  
**Washburn, TN. 37888**
3. **Jack McBee, Manager**  
**Grainger County Landfill**  
**P.O. Box 126**  
**Rutledge, TN. 37861**

6. Regional Solid Waste Board Activities

**The Grainger County Solid Waste Board meets when needed to set policies and approve plans. All regional solid waste issues must go before the solid waste board before action can be taken by the County Commission. All meetings are open to the public and meeting times are published in the paper at least one week before the meeting. Annual Reports and Solid Waste Plans are submitted on or before the described due dates each year.**

7. Region's rationale for formation

**The Grainger County Region is a single county region. The initial rationale for forming a single-county region was due to the fact that Grainger County had a permitted Class I landfill. Also, contiguous counties (Union, Claiborne, Knox, Hamblen and Jefferson) chose to form a single-county region leaving Grainger County little choice in forming a single county region. The single county region is still the most accepted practice, because other Counties have individual contracts with haulers and landfills. Union County would be an acceptable County to work with in terms of landfilling. Currently, Union County's landfill is closed, but is permitted for operation. The Grainger County Regional Board will monitor this situation to see if such arrangements could be fruitful for both parties.**

8. Door to Door Collection

City / County	Door to Door Collection	Population
Grainger County	No	15,317
Bean Station	No	2,570
Blaine	No	1,585
Rutledge	No	1,187

9. Regional characteristics

**Grainger County is a rural, upper East Tennessee county approximately 280.4 square mile in size. There are three incorporated areas in the county; the City of Rutledge (county seat) City of Blaine and City of Bean Station. Neither of the three cities are populated enough to qualify as an urban area by U.S. Census Bureau standards. The County is basically agrarian with a small industrial base anchored by Clayton Homes.**

10. Solid Waste Fee

**No Charges.**

11. Cost and Revenues for solid waste programs within the region

**Rutledge -**

**Revenues - \$0**

**Costs - \$3,200**

**Staffing Requirements - 1/2**

**Capital Cost Considerations - None**

**Current System satisfactory - yes**

**Revenues meeting costs - yes with subsidy by general fund**

**New expenses or new fees anticipated - no**

**Bean Station - No solid waste Budget**



**Blaine - see enclosed budget**

**Revenues - \$500; proceeds from recycling.  
Costs -\$10,000  
Staffing Requirements - One person at the convenience center  
Capital Cost Considerations - none  
Current System satisfactory - yes  
Revenues meeting costs - yes, with subsidy from general fund.  
New expenses or new fees anticipated - no**

**Grainger County - see enclosed budget**

**Revenues -\$55,000; Tipping fee at class IV landfill and proceeds from recycling.  
Costs - \$489,200  
Staffing Requirements - 1 manager of landfill; 18 laborers.  
Capital Costs Considerations - \$0  
Current System satisfactory - yes  
Revenues meeting costs - yes, with subsidy from general fund.  
New expenses or new fees anticipated - no**

12. Uniform financial accounting methods

**Grainger County - yes; Blaine - yes; Rutledge - yes; Bean Station - yes**

13. 10 year solid waste budget

**See appendix.**

14. Solid waste budget contacts in region.

- 1. Paul Merritt - County Executive - County - 828-3513.**
- 2. Barbara Wolfe - City Recorder - Bean Station - 993-3177.**
- 3. Elizabeth White - City Recorder - Blaine - 933-1240.**
- 4. Bonnie Mills - City Recorder - Rutledge - 828-4513.**

## Chapter 3:

1. Tonnage of Class I waste in 2001.

**7,912**

2. Percentage of Class I waste in following categories:

**Residential - 70%; Commercial - 28%; Industrial - 2%; Institutional - 0%; Other - 0%.**

3. Percentage of Class I waste in following categories:

**Yard Waste - .03%; Construction/Demolition Waste - 8.8%; Tires - 2.4%;  
Recyclables - 4.0%; White Goods - .05%; Municipal Solid Waste -84%**

4. Total Generated Waste Stream

**Source Reduction - 0  
Recycling - 558  
Diversion - 700  
Un-managed Waste - 0  
Class I Waste disposed in Landfill - 6,654  
Total = 7,912 tons**

**Source Reduction - 0; no figures have been generated from industries that show changes in mfg. to reduce waste.**

**Recycling - this includes the County, Cities and large amounts of various items from industries.**

**Diversion - total waste that is transported to Class IV landfill.**

**Un-managed Waste - estimate is from site review from Solid Waste Director and Litter Control Officer.**

5. Demographic Trends

**Grainger County has seen a 17.3% increase in population over the last ten years that will have some small changes in disposal figures. The location of a particular industry that requires a lot of solid waste disposal into Grainger County. At present time no such industry is being forecasted.**

6. Economic Conditions

**Major Employers - Clayton Homes -325 people.**

**Unemployment Rate - 6.4 for December 2001; State - 4.5; U.S. - 5.4**

**A major plant closing would be the greatest affect towards waste stream and waste reduction efforts.**

7. Major Contributors to the Region's Waste Disposal

**1. Grainger County Convenience Center**

**Jack McBee, (865) 828-4881**

**Mixed Residential**

**70% of Waste Stream**

**2. Grainger County Class IV Landfill**

**Jack McBee, (865) 828-4881**

**Construction Waste**

**8.8% of Waste Stream**

8. Litter Grant Program

**The Region of Grainger County has a very active litter grant program that is administered out of the County Executive's Office. Prevention program are handled by Clinch- Powell RC&D office. There is one officer that oversees the handling of the prisoners for roadside pickup. Litter clean up is done by complaints and general observance of county employees. All litter within the city limits is handled by the city unless special help is requested. The contact person for the program is Paul Merritt, County Executive. The education portion of the litter grant program is being handled by Lindy Turner of the Clinch- Powell RC&D.**

9. Economic Growth Adjustment Formula

**No, we need to simply go year to year.**

10. 1995 base year.

**Too early to tell if the changing of the base year from 1989 to 1995 will help or hurt the region. The former County leaders didn't participate in reporting to the State. Currently, unsure how accurate the 1995 figures are.**

## 11. Reduction and/or Diversion Programs

### 1. Grainger County

**Diversion Program - yes; the county through contract with Fay, Inc. collects Class IV waste and transport to a Class IV landfill. The program cost is \$0 /ton for residents and businesses in Grainger County. A total of 700 tons of Class IV waste was generated in the year 2001. Ten year trend is to keep the current way of handling Class IV diversion. However, a fee may be implemented to offset the hauling cost in the future.**

**Recycling Program - yes; the county utilizes the convenience centers as recycling drop off points. Program is lacking on available sites and amounts of materials that can be accepted. Proposed changes are for the County to change their collection method to a roll-off system that will allow the County to collect bulkier materials, such as couches, etc. Also, plastic could be included in the future with a designated bin. A total of 558 tons of recyclable materia;s was collected in year 2001.**

**Yard Waste Program - no; although some home composting is done throughout the region. No significant changes are proposed within the next 10 years.**

**Education Program - yes; the County has a KAB affiliation, (Partners for Clean Community) that handles most of the educational efforts within the region. The County Solid Waste Office will handle the HHW site events and educate the public on those matters.**

### 2. Rutledge

**Diversion Program - no**

**Recycling Program - no**

**Yard Waste Program - no**

**Education Program - no; County handles the education program.**

### **3. Blaine**

**Diversion Program - no;**

**Recycling Program - yes, the city provides a recycling drop off site for the collection of paper, cardboard, plastic, mixed metals and used oil. The recyclables are transported to Knoxville. A total of 191 tons of recyclable materials was collected and processed in year 2001.**

**Yard Waste Program - no;**

**Education Program - no; County handles the education program.**

### **4. Bean Station**

**Diversion Program - no;**

**Recycling Program - no;**

**Yard Waste Program - no;**

**Education Program - no; County handles the education program.**

## Chapter 4:

### 1. List collection services.

<b>Service</b>	<b>Available to</b>	<b>Paid for by</b>	<b>Description</b>
<b>Convenience Centers</b>	<b>County Residents</b>	<b>Grainger County</b>	<b>A network of seven Convenience Centers allow residents to drop off their Class I waste.</b>
<b>Door to Door</b>	<b>Residential &amp; Business</b>	<b>Customers</b>	<b>Doane's Disposal Service provides door to door pickup for paid customers of about 300 homes and 30 businesses.</b>

### 2. Collection Assurance Requirements

**The Grainger County region meets the collection assurance requirements by having seven convenience centers operated by the County.**

### 3. Collection Needs over the next 10 years.

**The County will be looking at placing two more convenience centers in the Region. One in the Bean Station and the other in the Blaine area within the next 5 years.**

## Chapter 5:

1. Does the region have a recycling or waste reduction coordinator?

**Yes**

**Jack McBee, Solid Waste Landfill Manager  
P.O. Box 126  
Rutledge, TN. 37861  
(865) 828-4881**

2. List waste reduction programs in the region:

**Recycling Programs - See Attachments.**

**Materials Processing Facilities - No**

**Composting Facilities - No**

3. Progress or setbacks in recycling and reduction efforts.

**Education in recycling and waste reduction efforts are slow due to the fact that we can only educate on matters that we have the resources for. Bad market prices has put a financial constraint on the ability to expand the recycling program.**

#### 4. Recycling Drop Off Facility

<b>Site Name</b>	<b>County</b>	<b>Items Collected</b>	<b>Description</b>
<b>Bean Station Convenience Center</b>	<b>Grainger</b>	<b>Aluminum and Metals</b>	<b>Public drop off site.</b>
<b>Indian Ridge Convenience Center</b>	<b>Grainger</b>	<b>Aluminum and Metals</b>	<b>Public drop off site.</b>
<b>Rutledge Convenience Center</b>	<b>Grainger</b>	<b>Aluminum and Metals.</b>	<b>Public drop off site.</b>
<b>Hwy 92 Convenience Center</b>	<b>Grainger</b>	<b>Cardboard, Newspaper and Aluminum</b>	<b>Public drop off site.</b>
<b>Thornhill Convenience Center</b>	<b>Grainger</b>	<b>Aluminum and Metals</b>	<b>Pubic drop off site.</b>
<b>Blaine Convenience Center</b>	<b>Grainger</b>	<b>Plastic, mixed paper, cardboard and used oil.</b>	<b>Public drop off site.</b>
<b>Washburn Convenience Center</b>	<b>Grainger</b>	<b>Aluminum and Metals</b>	<b>Public drop off site.</b>



## Chapter 6:

1. List all landfills, transfer stations, incinerators, Gas to Energy facilities and Waste to Energy Facilities in the region.

~~Landfills~~ = 0  
 Transfer Stations = 0  
 Incinerators = 0  
 Gas to Energy = 0  
 Waste to Energy = 0

Class IV Popular View → Fay, Inc.  
 Rutledge Pike, Knoxville → (Grainger)  
 DML# 47-103-0057  
 \$0 for Grainger County Residents  
 = business

2. Class I waste exported or imported into the Region.

### CLASS I WASTE EXPORTED

Exported to: County/Region/State	Exported to: Facility Name and Owner	Estimated Tonnage Exported from Region to Class I landfills
Hawkins County, Tennessee	Carter Valley / BFI	6,654

### CLASS I WASTE IMPORTED

N/A

3. Disposal Needs

**The Grainger County Region hauls their own waste to the landfill in Hawkins County. Use of the landfill is on a pay as you go basis without a contract. The Region has a contract with Fay, Inc. to handle their Class IV landfill. The region is looking at the possibility of going to a transfer station for the hauling of their Class I waste within the next two years.**

4. Planned Capacity Assurance

**Carter Valley landfill has a life expectancy of more than 14 years.**

5. Enterprise Funds for Landfills

**Yes; the Grainger County region does not have a enterprise fund as required by law for the closing of their old landfill.**

## Chapter 7:

1. Has the county taken advantage of the State's household hazardous waste mobile collection services in the last two years?

**Yes, the county sets up a HHW once a year. The region was going twice a year until recent state funding cutbacks.**

2. Does a jurisdiction within the Region operate a permanent household hazardous waste collection center?

**No;**

3. Region's level of success with household hazardous waste collection and level of satisfaction with the State program.

**The region has had small turnouts on the events. The region has been very pleased with the way the program is handled. The region will try to do more education before the next event to increase the number of participants.**

4. Waste Tire Collection

**The region has not been able to utilize the state program due to lack of reporting. However, with the new reports being done on time, the region will look at hauling their waste tires to an end user by way of a private contract. Currently, private tire companies in the County handle their own tires.**

**The site location will be at the Old landfill site.**

5. Region's level of satisfaction with waste tire collection efforts in the area and the State waste tire program.

**N/A**

6. Problem with waste tire dumping in the Region?

**No**

7. Region's efforts with oil, auto fluid and lead acid battery sites.

**Used oil collection sites are scattered throughout the region. The county provides a used oil collection site at the Blaine Convenience Center. Auto fluid collection sites are handled by private dealers in the region and lead acid batteries sites are provided by the retailer that sell new batteries.**

## Chapter 8:

### 1. Educational Organizations:

**Name: Partners for a Clean Community**  
**Organization/Sponsor: Keep America Beautiful/Clinch Powell RC&D**  
**County: Grainger**  
**Phone Number: (865) 828-5927**  
**Address: P.O. Box 379, Rutledge, TN. 37861**  
**Target Participants: General Public**  
**Description of Activities: Have programs in the school and attend organizational meetings.**

**Name: Grainger County Solid Waste Education**  
**Organization/Sponsor: Grainger County Executive's Office**  
**County: Grainger**  
**Phone Number: (865) 828-3513**  
**Address: P.O. Box 126, Rutledge, TN. 37861-0126**  
**Target Participants: General Public**  
**Description of Activities: Newspaper articles about HHW events and materials.**

### 2. Needs in Solid Waste Education

**The region of Grainger County with its KAB affiliation of "Partners for a Clean Community" have done a very good job in educating the public. State could help the education program with additional funding to allow more brochures, lectures, and training seminars to be performed throughout the year. The region has filed a education action plan and has made use of the Division of Community Assistance's "Pathways to Education" Book.**

## Chapter 9:

1. Does the Region or jurisdictions within make any attempt to control the flow of waste?

**No**

2. Does the Region foresee any outstanding issues with regard to permit review or flow control?

**No**

## Chapter 10:

1. Describe the required public hearing held after the Revised Plan was completed.

**The Region of Grainger County held a public hearing at the Courthouse on March 4 at 6:30 P.M.. The meeting attendance was low with a total of four people attending. One person owns a sanitation business and was there to see what changes Grainger County might be making in the future. He was particularly concerned with the tires in Grainger County and why other Counties have a tire program. Mr. Merritt, County Executive explained that the state would not fund our program due to the lack of reporting in the past to the State. He told Mr. Doane that tis problem has been corrected and that he hopes to have a tire program within the next fiscal year.**

2. Were local planning commissions in the region made aware of the Five-year Update and given and opportunity to review it?

**Yes**

3. Resolution

**See Appendix**

(FIVE-YEAR UPDATE REPORT SIGNATURE PAGE)

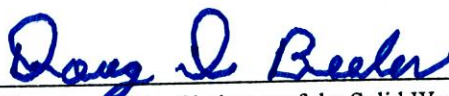
GRAINGER

REGION NAME

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

DOUG BEELER

Type Name of the Chairman of the Solid Waste Planning Region



Signature of the Chairman of the Solid Waste Planning Region

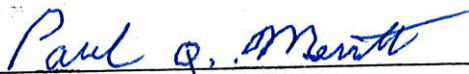
3/20/03

Date

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

PAUL Q. MERRITT

Typed Name of the County Executives(s)



Signature of the County Executives(s)

3/20/03

Date

# Appendix

Material for Chapter 2; Section 13

## 10 Year Solid Waste Budget For Grainger County Region

	Waste Pick-up (disposal)	Landfill Operation	Litter & Trash Collection	Post Closure Care	Debt Service	Recycling/ Education	Grand Total
FY 2002	\$250,000.00	\$20,000.00	\$232,180.00	\$10,000.00	\$50,000	\$38,730.00	\$599,910.00
FY 2003	\$257,500.00	\$20,600.00	\$239,145.00	\$10,300.00	\$35,000	\$39,892.00	\$602,437.00
FY 2004	\$265,225.00	\$21,218.00	\$258,320.00	\$10,609.00	\$20,000	\$41,089.00	\$616,461.00
FY 2005	\$473,182.00	\$21,855.00	\$265,709.00	\$10,927.00	\$5,000	\$42,321.00	\$818,994.00
FY 2006	\$281,377.00	\$22,510.00	\$273,321.00	\$11,255.00	\$0.00	\$43,591.00	\$632,014.00
FY 2007	\$289,819.00	\$23,185.00	\$281,160.00	\$11,593.00	\$0.00	\$44,899.00	\$650,656.00
FY 2008	\$298,513.00	\$23,881.00	\$289,235.00	\$11,941.00	\$0.00	\$46,246.00	\$669,816.00
FY 2009	\$307,468.00	\$24,597.00	\$297,552.00	\$12,299.00	\$0.00	\$47,633.00	\$689,549.00
FY 2010	\$316,693.00	\$25,335.00	\$306,119.00	\$12,668.00	\$0.00	\$49,062.00	\$709,877.00
FY 2011	\$326,193.00	\$26,095.00	\$314,942.00	\$13,048.00	\$0.00	\$50,534.00	\$730,812.00

Note: Increase in waste pickup for 2005 is the result of a transfer station.

Note: 2004-2011 in litter&trash collection is the result of roll-off containers and trucks. \$12,000 per years. The cost of living index used is 3%.



## Material for Chapter 4

Convenience Centers

3. Convenience Centers - Provide the following information for each convenience center in Region.

Site Address (include zip code)									
Indian Ridge Convenience Center; Indian Ridge Road, Bean Station, 37708									
CCC Permit #	CCC291030379								
Site Phone	N/A								
Hours & Days of Operation	M,T,R,F & Sa; 9-6								
Is recycling offered?	YES	X		NO					
Recyclables Collected	Aluminum and metal								
Does this facility operate as a transfer station?		YES				NO	x		
Site Address (include zip code)									
Rutledge Convenience Center, 1Hwy 11, Rutledge, Tn. 37861									
CCC Permit #	N/A								
Site Phone	No								
Hours & Days of Operation	M,T,R,F & Sa; 9-6								
Is recycling offered?	YES	X		NO					
Recyclables Collected	Aluminum and metal								
Does this facility operate as a transfer station?		YES				NO	x		
Site Address (include zip code)									
Hwy 92 Convenience Center, Hwy 92, Blaine, Tn. 37709									
CCC Permit #	N/A								
Site Phone	No								
Hours & Days of Operation	M,T,R,F& Sa; 9-6								
Is recycling offered?	YES	X		NO					
Recyclables Collected	Cardboard, newspaper and cans								
Does this facility operate as a transfer station?		YES				NO	x		
Site Address (include zip code)									
Thornhill Convenience Center, 1Hwy 131, Thornhill Tn. 37881									
CCC Permit #	N/A								
Site Phone	No								
Hours & Days of Operation	M,T,R,F & Sa; 9-6.								
Is recycling offered?	YES	X		NO					
Recyclables Collected	Aluminum and Metal								
Does this facility operate as a transfer station?		YES				NO	x		

Site Address (include zip code)

Blaine Convenience Center, Milligan Lane, Blaine, TN. 37709

CCC Permit #	CCC291030383						
Site Phone	No						
Hours & Days of Operation	T,R - 12-6; Sa 8-5						
Is recycling offered?	YES	X		NO			
Recyclables Collected	Plastic, mixed paper, cardboard and used oil						
Does this facility operate as a transfer station?	YES			NO	x		

Site Address (include zip code)

Washburn Convenience Center , Hwy 131, Washburn, TN. 37888

CCC Permit #	CCC291030384						
Site Phone	No						
Hours & Days of Operation	M,T,R,F & Sa; 1-6.						
Is recycling offered?	YES	X		NO			
Recyclables Collected	Aluminum and metals						
Does this facility operate as a transfer station?	YES			NO	x		

Site Address (include zip code)

Bean Station Convenience Center , Hwy 375, Bean Station, TN. 37708

CCC Permit #	CCC291030378						
Site Phone	(865) 216-4510						
Hours & Days of Operation	T,R 12-6; & Sa; 8-5.						
Is recycling offered?	YES	X		NO			
Recyclables Collected	Aluminum and metals						
Does this facility operate as a transfer station?	YES			NO	x		

Material for Chapter 5 Section 2

**MATERIALS RECOVERED - Report all figures using net Tons (2,000 lbs**

<b>PAPER</b>			
Corrugated Containers	_____	Tons	
Mixed Office Paper	_____	Tons	
Old Newspaper	_____	Tons	
Mixed Paper	_____	Tons	
Other Paper	_____	Tons	
<b>GLASS</b>			
Clear Container Glass	_____	Tons	
Brown Container Glass	_____	Tons	
Green Container Glass	_____	Tons	
Mixed Container Glass	_____	Tons	
Other Glass	_____	Tons	
<b>BATTERIES</b>			
Lead-Acid	2	Tons	
Dry Cell	_____	Tons	
<b>PLASTICS</b>			
PET (#1)	_____	Tons	
HDPE (#2)	_____	Tons	
Mixed PET & HDPE (#1 & #2)	_____	Tons	
Other Plastics	_____	Tons	
<b>TEXTILE SCRAP</b>			
<b>PALLETS</b> (average weight =45 lbs.)	_____	Tons	
<b>TIRES</b> (average weight=22 lbs.)	142	Tons	
<b>OIL</b> (gallon = 7.62 lbs.)	_____	Tons	
<b>Other automotive fluids</b> (list)	_____	Tons	
	5	Tons	
<hr/>			
<b>METALS</b>			
Steel Food/Beverage Cans	_____	Tons	
White Goods/Appliances	_____	Tons	
Auto Body Scrap	_____	Tons	
Other Ferrous (Fe) Scrap	_____	Tons	
Aluminum Food/Beverage Cans	_____	Tons	
Scrap Aluminum	23	Tons	
Other Non-Ferrous (NF) Scrap	_____	Tons	
Mixed Metals (Fe & NF)	240	Tons	
<b>OTHER MATERIALS</b> (list)	_____	Tons	
	_____	Tons	
	_____	Tons	
<b>Subtotal A</b>	412	Tons	
<b>COMPOST</b>			
Compost (Yard Waste)	_____	Tons	
Compost (Municipal Solid Waste)	_____	Tons	
Compost (Municipal Sewage Sludge)	_____	Tons	
<b>Subtotal B</b>	_____	Tons	
<b>MULCH</b>			
Mulch (Yard Waste)	_____	Tons	
Mulch (Wood Waste)	_____	Tons	
<b>Subtotal C</b>	_____	Tons	
<b>GRAND TOTAL</b>	412	Tons	

This report must be submitted to TDEC-DCA  
by March 31, 2002



## Material for Chapter 10

**LEGALS...LEGALS...LEGALS...LEGALS...**

foreclose pursuant to the terms of said trust conveyance;  
**NOW, THEREFORE,** by virtue of the authority vested in me as substitute trustee under said deed of trust, I will, on Thursday, March 20, 2003, offer for sale and sell, at the front door of the Grainger County Courthouse in Rutledge, Grainger County, Tennessee, at the hour of 11:00 o'clock a.m. the highest and best offer for cash in hand, and in bar of the equity of redemption, on the following tract of land:  
**SITUATED** in the Third District of Grainger County, Tennessee, and **BEING** MAP 73 PARCEL 1.00  
**Tract One**  
 Beginning on a stake in H. W. Hawkins line on the creek bluff to a tract of land being to William Ellis; thence with H.W. Hawkins line 2.00 E 24 poles to a set stake; thence N30 W9 poles to middle of the creek; thence the creek N 57 E 5 poles to a dogwood; thence N 43 E 23 poles to a black oak; thence N 30 W 30 poles to a gap in the Poor Knob; thence N 43 1/2 poles to a beech; thence N 1/2 W 23 poles to a stake owner's line; thence with owner's line S 47 1/2 W to a nut sprout, corner to William Ellis; thence S 35 1/2 E 200 to a stake; thence N

the north edge of the road S 55 1/2 W 12 1/2 poles to a stake; thence S 45 1/2 E 27 poles to the BEGINNING.  
 Containing 67 acres, more or less.  
**Tract Two**  
**BEGINNING** on a stake on the north side of the Knoxville and Rutledge Road running N 46 1/2 W 222 feet to a stake; thence N 44 E 11 feet to an iron pin; thence S 46 1/2 E 222 feet to a stake on the north side of said road; thence S 44 W along said road 11 feet to the BEGINNING, containing 7 square rods, more or less.  
**BEING** the same property conveyed to Robert Lyons by deed of record in Book 201, page 198, of the Register's Office for Grainger County, Tennessee.  
**Tract Three**  
**SITUATED** in the Third District of Grainger County, Tennessee, and **BEING** MAP 73 PARCEL 1.01  
**BEGINNING** at an iron pin, the corner of North side of Hwy. 11W and Jamagin line; thence running Northwardly with said Jamagin 174 feet to a set point; thence running Westwardly a straight line 128 feet 5 inches to a set point or iron pin; thence running a straight line S 184 feet to a point on the North side of Hwy. 11W; thence running Eastwardly with Hwy. 11W right of way 175 feet 5 inches to Jamagin line, the point of BEGINNING.  
 Containing 1/2 acre, more or less, on which is situated a residence house.  
**BEING** the same property conveyed to Robert Lyons by deed of record in Book 136, Page 739, of the Register's Office for Grainger County, Tennessee.

taxes, local improvement liens, matters of public record, or other liabilities that may constitute prior liens against the same. The substitute trustee also reserves the right to adjourn the sale on the date and time set for the sale above to a later date without having to readvertise, or to cancel the sale entirely. All right and equity of redemption, statutory or otherwise, homestead, and dower are expressly waived in said Deed of Trust, and the title is believed to be good, but the undersigned will sell and convey only as Substitute Trustee. Proceeds of the sale will be applied in accordance with the provisions of the above mentioned deed of trust.  
**THIS IS AN ATTEMPT TO COLLECT A DEBT AND ANY INFORMATION OBTAINED WILL BE USED FOR THAT PURPOSE.**  
 This notice will appear in the Grainger County News on February 21, February 28 and March 7, 2003.  
 Dated at Rutledge, Tennessee, this 14th day of February, 2003.  
**Jeff L. Davidson**  
**Substitute Trustee**  
 F21-M7  
**NOTICE TO BID**

Charlie Bailey and Glenda Bailey, conveying certain property therein described to First Title Corporation as Trustee for National Finance Corporation; and the undersigned, Robert M. Wilson, Jr. of Wilson & Associates, P. L.L.C., having been appointed Successor-Trustee.  
**NOW, THEREFORE,** notice is hereby given that the entire indebtedness has been declared due and payable; and that an agent of Robert M. Wilson, Jr. of Wilson & Associates, P.L.L.C., as Successor-Trustee, by virtue of the power, duty and authority vested in and imposed upon said Successor-Trustee will, on March 6, 2003 on or about 3:30 P.M., at the Grainger County Courthouse in Rutledge, Tennessee, offer for sale certain property hereinafter described to the highest bidder **FOR CASH**, free from the statutory right of redemption, homestead, dower, and all other exemptions which are expressly waived in the Deed of Trust, said property being real estate situated in Grainger County, Tennessee, and being more particularly described as follows:  
 Situated in the Fifth

nance Interpretation regarding Section 301.4; Continuance of Non-conforming Uses and Structures for the replacement of a nonconforming mobile home. The Rutledge Municipal Planning Commission meeting will be held immediately following the Board of Zoning Appeals hearing.  
 F21  
**SUBSTITUTE TRUSTEE'S SALE**  
 Sale at public auction will be on March 20, 2003, at 1:00 p.m., local time, at the front door of the Grainger County Courthouse, Rutledge, Tennessee, pursuant to Deed of Trust executed by Bruce Henry Osterle, married, to John C. Rhea, Trustee, on December 3, 1993, at Book 183, Page 1087, and conducted by Joe M. Kirsch or Denise Griffin, Substitute Trustees, all of record in the Grainger County Register's Office.  
 Owner of Debt: Wells Fargo Home Mortgage, Inc.  
 The following real estate located in Grainger County, Tennessee, will be sold to the highest call bidder subject to all unpaid taxes, prior liens and encumbrances of record:  
 Described property lo-

discrepancy; control. All right dempctic otherwise stead waived Trust, believed but the sell and Substitu The right adjourn sale to time an without tion, up ment at place fo forth abc the cannot within tv hours of next high their high deemed bidder. This offic lector. T tempt to and ant tained w that purp Jo  
**Subst**  
**Shapiro**  
**6750**  
**Co**  
**Memf**  
**(**  
**F**  
**PUBL**  
**Grainger**



...TION OBTAINED WILL BE USED FOR THAT PURPOSE. This notice will appear in the Grainger County News on February 21, February 28 and March 7, 2003. Dated at Rutledge, Tennessee, this 14th day of February, 2003. Jeff L. Davidson Substituted Trustee F21-M7

**NOTICE TO BID**  
Buffalo Baptist Church will be accepting bids to purchase the cemetery and church lot. Sealed bids must be received by March 5th and should be mailed to: Rick Bean, Route 4 Box 451-19, A, Rutledge, TN 37861. F21-28

**NOTICE TO BID**  
Grainger County Schools will be accepting sealed bids for mowing and trimming of school grounds at the following school locations: Bean Station Elementary, Joppa Elementary, Washburn School and Rutledge Elementary. Bidders must attach proof of liability insurance and completed form(s), available at each school, signed by principal or his/her designee, stipulating the grounds to be mowed have been viewed and inspected by the bidder, to all bids. Bids may be submitted for all schools or for a single school location. Interested bidders should direct questions to the school or the Director of Schools' office. Bids should be submitted to Grainger County

after described to the highest bidder FOR CASH, free from the statutory right of redemption, homestead, dower, and all other exemptions which are expressly waived in the Deed of Trust, said property being real estate situated in Grainger County, Tennessee, and being more particularly described as follows:  
Situating in the Fifth Civil District of Grainger County, Tennessee. Beginning on a stake in the Northern right of way line of Merritt Road, 225 feet East of Karen Beeler's line, thence with said right of way line 175 feet to a stake, thence North from said right of way 125 feet to a stake, thence West 175 feet to a stake; thence South 125 feet to a stake in said right of way at the point of beginning. This description was prepared from a drawing and information furnished by C. K. McGinnis.

Being the same property conveyed unto Charlie Bailey and wife, Glenda Bailey, by deed recorded June 3, 1995, in Deed Book 190, Page 83, of the Register's Office for Grainger County, Tennessee. Also conveyed is a permanently attached double mobile home, 1996 Pion PH2 HS, VIN #PH2411GA1318A/1996 Pion PH2 HS, VIN #PH2411GA1318B. ALSO KNOWN AS: Route 1 Box 246F Merritt Rd., Washburn, Tennessee 37888

This sale is subject to all matters shown on any applicable recorded plat, unpaid taxes, any restrictive covenants, easements, or setback lines that may be applicable; any statutory rights of redemption of

tees, all of record in the Grainger County Register's Office. Wells Fargo Home Mortgage, Inc. The following real estate located in Grainger County, Tennessee, will be sold to the highest call bidder subject to all unpaid taxes, prior liens and encumbrances of record:  
Described property located in the Second Civil District, Grainger County, Tennessee, to wit:  
BEGINNING at an iron pin in the northern right of way boundary of Santa Village Road, corner to Santa Village Subdivision; thence along said right of way boundary South 56 degrees 43 minutes West 36.00 feet to a point; thence along the western right of way boundary of Santa Village Road, four calls and distances as follows: South 29 degrees 11 minutes West 70 feet to a point; thence South 18 degrees 15 minutes 37 seconds West 153.64 feet to a point; thence South 21 degrees 05 minutes 48 seconds West 39.56 feet to a point; thence South 44 degrees 41 minutes 40 seconds West 31.25 feet to an iron pin, corner to property of Livesay; thence along the eastern boundary of Livesay two calls and distances as follows: North 17 degrees 20 minutes 38 seconds West 189.50 feet to an iron pin; thence North 11 degrees 37 minutes 30 seconds West 129.48 feet to an iron pin; thence North 39 degrees 37 minutes 31 seconds East 214.01 feet to an iron pin, corner to Santa Village Subdivision; thence South 1 degree 15 minutes 56 seconds East 159.15 feet to an iron pin; thence South 73 degrees 11 minutes East 95.17 feet to the point of BEGINNING. This conveyance is made subject to a right of way easement as set out in Deed Book 158, Page 1277 in the Register's Office of

and ant information obtained will be used for that purpose. Joe M. Kirsch, Denise Griffin, Substituted Trustees Shapiro & Kirsch, LLP 6750 Lenox Center Court, Suite 202 Memphis, TN 38115 (901) 767-5566. F21-M7

**NOTICE OF BIDS**  
The Grainger County Board of Education will be receiving bids for the Hobart Model CRS66A Dishwasher-Rutledge High School. Bids will be opened Monday, March 3, 2003, 10:00 AM, at the Board of Education Office. Complete specifications are attached. The successful bidder will deliver, uncrate and set in place. Bids should be sealed and marked "Food Service Equipment Bid"

same with the Clerk of the above named Court within four (4) months from the date of the first publication of this notice, otherwise their claims will be forever barred. This 30th day of January, 2003. Ronald Beeler Administrator Estate of Lela Mae Beeler Greed A. Daniel, BPR#688 P.O. Box 6 Rutledge, Tennessee 37861 (865) 826-3111 Attorney For Estate F14-21

**NOTICE TO CREDITORS**  
ESTATE OF Betty Combs Stalsworth (Deceased). No notice is hereby given that on the 31st day of December, 2002 Letters Testamentary in respect of the estate of Betty Combs Stalsworth, deceased, were issued to the undersigned by the Probate Court of Grainger County, Tennessee. All persons, resident and non-resident, having claims, matured or unmatured, against said estate are required to file same with the Clerk of the above named Court within four (4) months from the date of the first publication of this notice, otherwise their claims will be forever barred. This 31st day of January, 2003. Carol Combs, Executive Estate of Betty Combs Stalsworth F14-21

**NOTICE TO CREDITORS**  
ESTATE OF Walter Maynard Whitt (Deceased). Notice is hereby given that on the 4th day of February, 2003, Letters of Administration in respect of the estate of Walter Maynard Whitt, deceased, were issued to the undersigned by the Probate Court of Grainger County, Tennessee. All persons, resident and non-resident, having claims, matured or unmatured, against said estate are required to file same with the Clerk of the above named Court within four (4) months from the date of the first publication of this notice, otherwise their claims will be forever barred. This 4th day of February, 2003. Tom Whit Basscott W Co-Administrator Estate of

same with the Clerk of the above named Court within four (4) months from the date of the first publication of this notice, otherwise their claims will be forever barred. This 30th day of January, 2003. Ronald Beeler Administrator Estate of Lela Mae Beeler Greed A. Daniel, BPR#688 P.O. Box 6 Rutledge, Tennessee 37861 (865) 826-3111 Attorney For Estate F14-21

same with the Clerk of the above named Court within four (4) months from the date of the first publication of this notice, otherwise their claims will be forever barred. This 30th day of January, 2003. Ronald Beeler Administrator Estate of Lela Mae Beeler Greed A. Daniel, BPR#688 P.O. Box 6 Rutledge, Tennessee 37861 (865) 826-3111 Attorney For Estate F14-21



**A RESOLUTION APPROVING THE FIVE YEAR PLAN UPDATE TO THE Grainger  
COUNTY MUNICIPAL SOLID WASTE MANAGEMENT PLAN**

**WHEREAS**, the Grainger County Solid Waste Board is the only Board within the Grainger County Regional Solid Waste Management Plan, and;


**WHEREAS**, the State mandates that every five years a update must be submitted for approval, and;

**WHEREAS**, the five year update has been prepared and reviewed by the Grainger County Solid Waste Planning Board;

**NOW, THEREFORE , BE IT RESOLVED** that the Grainger County Solid Waste Board does hereby approve the five year plan update, as submitted to the State of Tennessee's Community Assistance Office, Solid Waste Division.

**READ ADOPTED AND APPROVED** the Grainger County Solid Waste Board on March 4, 2003.

APPROPRIATE SIGNATURES

  
Chairman

**A RESOLUTION APPROVING THE FIVE YEAR PLAN UPDATE TO THE Grainger County MUNICIPAL SOLID WASTE MANAGEMENT PLAN**

**WHEREAS**, the County of Grainger, Tennessee is the only county within the Grainger County Regional Solid Waste Management Plan, and;

**WHEREAS**, the State mandates that every five years an update must be submitted for approval, and;

**WHEREAS**, the five year update has been prepared and approved by the Grainger County Solid Waste Planning Board, and;

**NOW, THEREFORE , BE IT RESOLVED** that the County Commission of Grainger County does hereby approve the five year plan update, as submitted to the State of Tennessee's Community Assistance Office, Solid Waste Division.

**READ ADOPTED AND APPROVED** in regular session by the Grainger County Commission on March 10, 2003.

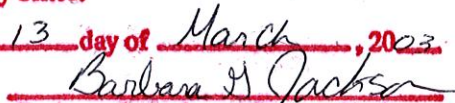
APPROPRIATE SIGNATURES

  
County Executive

  
County Chairman

State of Tennessee  
County of Grainger

I, Barbara G. Jackson, County Clerk, certify  
that the foregoing is a true and perfect copy of  
original Resolution  
filed in my office.

This 13 day of March, 2003  
  
Barbara G. Jackson, County Clerk

<b>Chapter 1 - Summary</b>			
Less than 10 page summary -	<ul style="list-style-type: none"> <li>• evaluate each chapter briefly</li> <li>• compare existing systems to needs assessed</li> <li>• outline plans for future</li> </ul>	✓	
Implementation schedule illustrating current and planned facilities and programs		✓	
Map with facilities & programs where appropriate on a base systems map for each county in the Region		✓	
Flow diagram illustrating the waste stream in the Region		✓	
<b>Chapter 2 - General Information</b>			
Identify the Region by name, and list counties and municipalities that comprise the Region.		✓	
Total population of Region by county; provide source of information and year		✓	begin/504
Regional Solid Waste Board Members - name, address, term, etc.		✓	
Has the Region formed a Part 9 Solid Waste Authority?		✓	N/A
Three contacts for solid waste information		✓	
Activities and workings of the Region's Solid Waste Board and/or Part 9 Authority Board		✓	
<ul style="list-style-type: none"> <li>• Board meeting schedule</li> <li>• involvement with concerned entities in planning decisions</li> <li>• process for addressing public</li> <li>• permit review</li> </ul>			
Region's rationale for formation		N/A	
<del>Responsibilities of various participating jurisdictions - TCA 68-211-815(b) 14</del>			
Municipalities with door to door collection service - table		✓	
Describe the Region, generally, geographically, and demographically.		✓	
Fee for solid waste services-		✓	
<ul style="list-style-type: none"> <li>• legal authority to institute</li> <li>• jurisdiction collects it</li> <li>• how collected</li> <li>• how much</li> </ul>			
Funding for solid waste programs and expenses in the Region		✓	
<ul style="list-style-type: none"> <li>• capital cost considerations</li> <li>• staffing requirements</li> <li>• operating expenses</li> </ul>			
New expenses and/or new fees or revenues needed or anticipated		✓	
Designated special revenue or enterprise fund		✓	

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13	Proposed 10-year solid waste budget		
14	Contacts in the Region for information regarding solid waste budgets	✓	
	<b>Chapter 3 - Waste Stream</b>		
1	Tons of solid waste were generated within the Region <u>and</u> disposed of in Class I landfills or incinerators located in or out of the Region. (include breakdown of tonnages and sources of information)	✓	
2	Percentages in the following categories <ul style="list-style-type: none"> <li>• Residential</li> <li>• Commercial</li> <li>• Industrial</li> <li>• Institutional (school, hospital, prison)</li> <li>• Other (including special)</li> </ul> <p>The total should equal 100%. (Compare this to estimates from original 10-year plan and comment)</p>	✓	
3	Estimate the percentage of the tons reported in #1 above using these categories: <ul style="list-style-type: none"> <li>• Yard waste</li> <li>• Construction/Demolition waste (Class IV)</li> <li>• Tires</li> <li>• Recyclables</li> <li>• White goods</li> <li>• Regular Municipal Solid Waste</li> </ul> <p>The total should equal 100%. (Compare this to estimates from original 10-year plan and comment)</p>	✓	
4	Total Generated waste: <ul style="list-style-type: none"> <li>• source reduction (especially industrial practices);</li> <li>• recycling (include composting);</li> <li>• diversion (to Class III/IV landfills); and</li> <li>• unmanaged waste (burned in backyards, illegal dumps, ditches)</li> <li>• disposed</li> </ul> <p>(Compare this to estimates from original 10-year plan and comment)</p>	✓	
	Proportional Flow Diagram - Discuss your reasons for making the estimates in all four cases above.	✓	
5	Demographic trends that may affect waste disposal and generation figures in the region	✓	
6	Economic condition of the Region employers unemployment rate - <i>How does/might this affect the waste stream?</i>	✓	
7	Top five contributors to the overall waste stream generated - name, phone, waste types, tons disposed - <i>Likelihood that this trend will continue?</i>	✓	
8	Clean up and litter prevention programs - describe the program, contacts <i>Do programs target prevalent waste streams?</i>	✓	
9-11	Each county, city, or Part 9 Authority in the Region. <ul style="list-style-type: none"> <li>• current reduction or diversion programs sponsored by each and the success level</li> <li>• proposed programs and discuss</li> <li>• ten year trends and needs</li> <li>• how the jurisdictions work together</li> <li>• education programs (commercial and industrial sectors)</li> </ul>	✓	
	<b>Chapter 4 - Collection &amp; Transportation</b>		

	Collection services available - table 1 <i>Contract information where applicable? (contractor, term of contract)</i>	✓	
	Collection Assurance 2 <i>Is efficient collection assured at a reasonable price for the ten year planning horizon?</i>	✓	
	Collection needs in the Region, and trends anticipated over the next ten years 3 <i>Plans to meet indicated needs</i>	✓	
	<b>Chapter 5 - Recycling</b>		
1	Recycling or waste reduction coordinator - name, title, phone, address	✓	
2	Waste reduction programs <ul style="list-style-type: none"> <li>• Program Name, Contact, Phone Number, Address</li> <li>• Program Description (Items accepted, curbside, drop-off, not-for-profit, etc., public or private operated, open to all or to a limited group)</li> </ul>	✓	
	Materials processing facilities <i>Success of facility, plans to continue operation</i>	✓	
	Composting facilities <i>Success of facility, plans to continue operation</i>	✓	
3	Recycling & Reduction Efforts <ul style="list-style-type: none"> <li>• Progress and setbacks</li> <li>• Successes and failures in marketing</li> <li>• Cooperation of jurisdictions in the Region on marketing efforts</li> <li>• Future plans for additional recycling, reduction, or end-use programs <i>(How plan to address setbacks in reduction efforts and marketing failures)</i></li> </ul>	✓	
4	List and describe recycling collection site(s) - Name, Contact, Phone Number, Address, etc	✓	
	<b>Chapter 6 - Disposal</b>		
	Please list all the landfills, transfer stations, Municipal Solid Waste incinerators, Landfill Gas to Energy facilities, and Waste to Energy facilities in the Region. <ul style="list-style-type: none"> <li>• Name of Facility</li> <li>• Owner</li> <li>• Operator/Contact</li> <li>• Phone Number</li> <li>• Address/Location/County</li> <li>• Classification of Landfill (I – IV) For Class I landfill: does facility meet Federal Subtitle D regulations?</li> <li>• Jurisdictions Served (Please identify by name)</li> <li>• Permit Number</li> <li>• Tipping fee per ton (List fee amounts)</li> <li>• Special Tipping Fees (List fee amounts)</li> <li>• Materials the facility receives/limits</li> <li>• Does the facility produce energy?</li> <li>• Transfer from where to where?</li> </ul>	✓	
	Class I waste exported	✓	
	Class I waste imported	✓	

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Evaluate disposal needs <ul style="list-style-type: none"> <li>Is efficient disposal assured at a reasonable price for the ten year planning horizon?</li> <li>What changes in the disposal system are being contemplated?</li> <li>What changes should be contemplated with consideration to anticipated growth and disposal demands?</li> </ul>	✓	
Planned capacity assurance - <i>life expectancy addressed?</i>	✓	
Enterprise fund for Class I landfills or incinerators	✓	check
<b>Chapter 7- Problem Wastes</b>		
Level of success with household hazardous waste collection and level of satisfaction with the State program.	✓	
Permanent household hazardous waste collection center? <i>Plans for disposal of HHW especially if not using state program</i>	✓	
Waste tire - site(s) available What happens to waste tires in the Region once they are collected	✓	
Problem with waste tire dumping? <i>How are problems being addressed and what are future plans to eliminate problem?</i>	✓	
Lead acid battery, oil and auto fluid collection <i>Plans to expand?</i>	✓	
<b>Chapter 8 - Solid Waste Education</b>		
Persons or organizations with active efforts to educate the public	✓	
Outstanding needs in the area of public solid waste education	✓	
What progress has been made and what is planned?	✓	
Has the county or its Region filed an education action plan and made use of the Division of Community Assistance's <u>Pathways to Education</u> book?	✓	
<b>Chapter 9 - Flow Control &amp; Permit Review</b>		
Attempt to control the flow of waste <i>If yes, provide details of what is involved by law to make sure they understand</i>	✓	
Issues with regard to permit review or flow Control?	✓	
<b>Chapter 10 - Five -Year Plan Update Review</b>		
Public hearing details & comments	✓	
Local planning Commissions notification?	✓	
Resolution from every county in the Region approving the Five-Year Plan update.	✓	
Resolution of approval from the Part 9 Authority Board of Directors (if applicable)	✓	

Region \_\_\_\_\_ Date \_\_\_\_\_