



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

January 26, 2000

Mr. Robert Ramsey
Chairman
Blount County Municipal Solid Waste Planning Region
2120 Middlewood Drive
Maryville, TN 37801

Dear Mr. Ramsey:

The additional information requested for your region's Five-Year Update to the Ten-Year Solid Wasted Plan has been received. Thank you for responding to this request in a timely manner. The information has been reviewed and the plan is hereby approved.

The Blount County MSW Region is to be congratulated on being the first region in Tennessee to have its Five-Year Update approved. Please continue to keep this department apprised of any changes in strategy for meeting the various goals and objectives of your regional plan.

If we can be of further assistance, contact Ms. Becky Gorham, Division of Community Assistance, at (615) 532-0744.

Sincerely,

Ron Graham
Director

RG:bk

cc: The Honorable William A. Crisp, Blount County Executive
Mr. Sam Holloway, Director of Blount County Solid Waste Authority
Mr. Mitch Loomis, East Tennessee Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant



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Sincerely,

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

Ron Graham
Director

RG:bk

cc: The Honorable William A. Crisp, Blount County Executive
Mr. Sam Holloway, Director of Blount County Solid Waste Authority
Mr. Mitch Loomis, East Tennessee Development District
Ms. Chris Garkovich, CTAS Solid Waste Management Consultant

Working
COPY

Blount County Solid Waste Region 05

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

September 1, 1999

Dr. Bob Ramsey - Chairman
Roger Campbell
John Jagger
Don Mull
Carl Walker
Dr. Ken Bell

J.C. Franklin
Howard Kerr
C.L. Overman
Cinda Reed
Craig West

BLOUNT COUNTY SOLID WASTE AUTHORITY

Bill Crisp - Blount County Executive
Don Mull - Alcoa Mayor
Stanley Shields - Maryville Mayor

240 LONG POWERS ROAD, FRIENDSVILLE, TENNESSEE 37737 (423) 995-2998 / FAX (423) 995-2959

September 8, 1999

Mr. Ron Graham, Director
State of Tennessee Department of Environment
and Conservation
Division of Community Assistance
401 Church St.
8th Floor
Nashville, TN 37243-1533



Re: Five-Year Update/Revision to the Blount County Solid Waste Region
Ten-Year Solid Waste Management Plan

Dear Mr. Graham:

Enclosed are the original and one copy of the Blount County Solid Waste Region's Five Year Update/Revision of the Ten-Year Solid Waste Management Plan. The document's format, information, and data is presented in accordance with the Guidelines for Preparation of Five-Year Updates to Municipal Solid Waste Regional Plans.

A copy of the Blount County Government Approval Resolution without signatures is included in the Update/Revision. A copy of the Approval Resolution with signatures will be forwarded to the Division just as soon as it is made available.

If you, or your staff, have any questions concerning the Update/Revision, please call me at 423-995-2998.

Sincerely,

Sam Holloway
Solid Waste Manager
Blount County Solid Waste Authority

Enclosures

Original



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

September 14, 1999

Mr. Robert Ramsey
Chairman
Blount County Municipal SW Planning Region
2120 Middlewood Drive
Maryville, TN 37801

RE: Five-year Update to Ten-year Solid Waste Plan
Blount County SW Region

Dear Mr. Ramsey:

Thank you for your timely submission of the Blount County Region Update Plan. We received your plan on September 10th. 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 Karen Grubbs at 615-532-0463.

Sincerely,

Ron Graham

Ron Graham
Director

RG:klg

C: The Honorable William A. Crisp, Blount County Executive
Mr. Sam Holloway, Director of BCSWA, Blount County
Mr. Bob Freeman, Executive Director, East TN Development District
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Phil Chambers, Manager, Knoxville Environmental Assistance Center



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

September 3, 1999

Mr. Robert Ramsey
Chairman
Blount County Municipal SW Planning Region
2120 Middlewood Drive
Maryville, TN 37801

RE: Five-year Update to Ten-year Solid Waste Plan
Blount County SW Region
Region Member(s): Blount
Report Due — September 12, 1999

Dear Mr. Ramsey:

As you are aware, the Solid Waste Management Act of 1991 requires the Solid Waste Regions to plan, monitor, and report on solid waste activities. One of the requirements of this legislation was for each region to prepare a Ten-year Solid Waste Management Plan. The legislation also requires that Five-year updates to those plans be prepared and submitted to the state for review. The Blount County Region's Ten-year plan was approved on September 12, 1994; therefore, your Five-year update report is due to this office by **September 12, 1999**.

Also required by the Solid Waste Act is submittal of a Needs Assessment report for all of the counties within each Development District. The initial Assessment report was due by September 30, 1992, with revisions due by April 1, 1999 and every five years after that. The Needs Assessment report for your region has not been received. Please contact Mr. Bob Freeman with the East TN Development District to determine the status of your Region's Needs Assessment report. The Needs Assessment will provide much of the information necessary for the preparation of the Five-year Update to your Ten-year Plan.

I am confident you will give due attention to the Five-year update to the Ten-year Solid Waste Management Plan. If you have any concerns, I encourage you to contact Mr. Mark McAdoo with DCA at 615-532-4967.

Sincerely,

Ron Graham
Director

RG: klg

C: The Honorable William A. Crisp, Blount County Executive
Mr. Sam Holloway, Director of BCSWA, Blount County
Mr. Bob Freeman, Executive Director, East TN Development District
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS-ET
Mr. Phil Chambers, Manager, Knoxville Environmental Assistance Center



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

December 6, 1999

Mr. Sam Holloway, Director
Blount County Solid Waste Authority
240 Long Powers Road
Friendsville, TN 37737

Dear Sam:

It was good visiting with you by phone earlier today. Thank you for preparing the five-year update to the region's ten-year plan. You did an excellent job with the report and I appreciate your understanding of the department's need for clarification on a couple of minor points.

1. First, of course, is the need for the signatures on the adopting resolution. I believe you said that you have just received these in your office and will forward them on to us
2. In Chapter 3.11, we will appreciate your listing information requested in the (a) jurisdiction programs, (b) reduction and diversion programs and, (c) jurisdiction cooperation again. I realize you had already covered this ground in other chapters!
3. And finally, as we discussed, if you could reconcile the totals (numbers and percentages) in Chapters 1.3 and 3.4.

Sam, again I appreciate your attention to this request. And, please call on me whenever I may be of service.

Best wishes for the Holidays and the New Year for you and your family.

Sincerely,

Robert G. Knight
Waste Reduction Section

cc: Mr. Robert Ramsey, Chairman, Blount County MSW Planning Region
The Honorable William A. Crisp, Blount County Executive

Dr. Bob Ramsey - Chairman
Roger Campbell
John Jagger
Carl Walker
Dr. Ken Bell
Mark Johnson

J.C. Franklin
Howard Kerr
Cinda Reed
Craig West
Greg McClain

BLOUNT COUNTY SOLID WASTE AUTHORITY

Bill Crisp - Blount County Executive
Don Mull - Alcoa Mayor
Steve West - Maryville Mayor

240 LONG POWERS ROAD, FRIENDSVILLE, TENNESSEE 37737 (865) 995-2998 / FAX (865) 995-2959

January 4, 2000

Mr. Robert Knight
Tennessee Department of Environment and Conservation
Division of Community Assistance
L & C Tower - 8th Floor
401 Church St.
Nashville, TN 37243



Re: Blount County Solid Waste Region Five-Year Plan Update Amendments

Dear Bob,

Thanks for your call and input on the amendments to our Five-Year Plan Update. Please find enclosed a signed county resolution adopting the plan. The graph found in 1.3 has been corrected, the data in Chapters 1.3 and 3.4 have been reconciled, and the information in 3.11 has been detailed.

I appreciate this assistance and all the other assistance you have provided me through the years in my efforts to comply with the 1991 Solid Waste Management Act.

If you have any further questions please give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read "Sam Holloway".

Sam Holloway
Solid Waste Manager

Enclosures

cc: Bill Crisp, Blount County Executive
Bob Ramsey, Chairman, Blount County Solid Waste Region Board
Ron Graham, Director, Division of Community Assistance

RESOLUTION No. 99-09-006

Sponsored by Commissioners Bob Ramsey and Jim Hill

A RESOLUTION ADOPTING A FIVE YEAR REVISION AND UPDATE TO THE BLOUNT COUNTY SOLID WASTE MANAGEMENT PLAN, IN ACCORDANCE WITH THE TENNESSEE SOLID WASTE MANAGEMENT ACT OF 1991.

WHEREAS, the proper management of solid waste is an important issue affecting the health and welfare of current and future residents of Blount County; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 ("the Act") mandates the establishment of "solid waste regions" throughout the state; and

WHEREAS, each solid waste region is required to prepare a five year revised solid waste management plan in accordance with the Act; and

WHEREAS, the Blount County Commission has previously established a Solid Waste Study committee, and approved its evolution into the Blount County Solid Waste Authority, in order to ensure Blount County's compliance with the requirements of the Act; and

WHEREAS, the Blount County Solid Waste Authority has prepared and adopted a five year revision and updated solid waste management plan for the Blount County Solid Waste Region, has held public hearing on the plan, and recommends its adoption by Blount County, Alcoa, and Maryville.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF BLOUNT COUNTY, TENNESSEE:

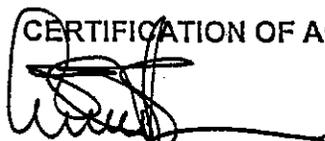
Section 1. Blount County hereby adopts the Blount County Solid Waste Five Year Revision/Update Management Plan, dated September 1, 1999.

Section 2. Blount County authorizes the submission of the Blount County Solid Waste Five Year Revision/Update Management Plan to the Tennessee Department of Environment and Conservation and endorses the subsequent approval of the same as the solid waste planning document of the Blount County Solid Waste Region.

Section 3. Blount County will continue to cooperate and work with the Blount County Solid Waste Authority, Alcoa, and Maryville, in order to implement the Blount County Solid Waste Management Plan, thereby satisfying the requirements set forth in the Act of 1991.

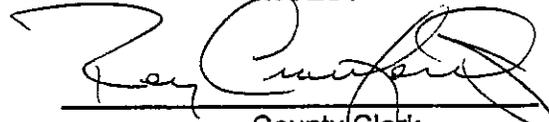
Adopted this 16th day of September, 1999.

CERTIFICATION OF ACTION



Commission Chairman

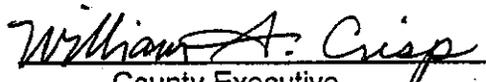
ATTEST



County Clerk

Approved:

Vetoed: _____

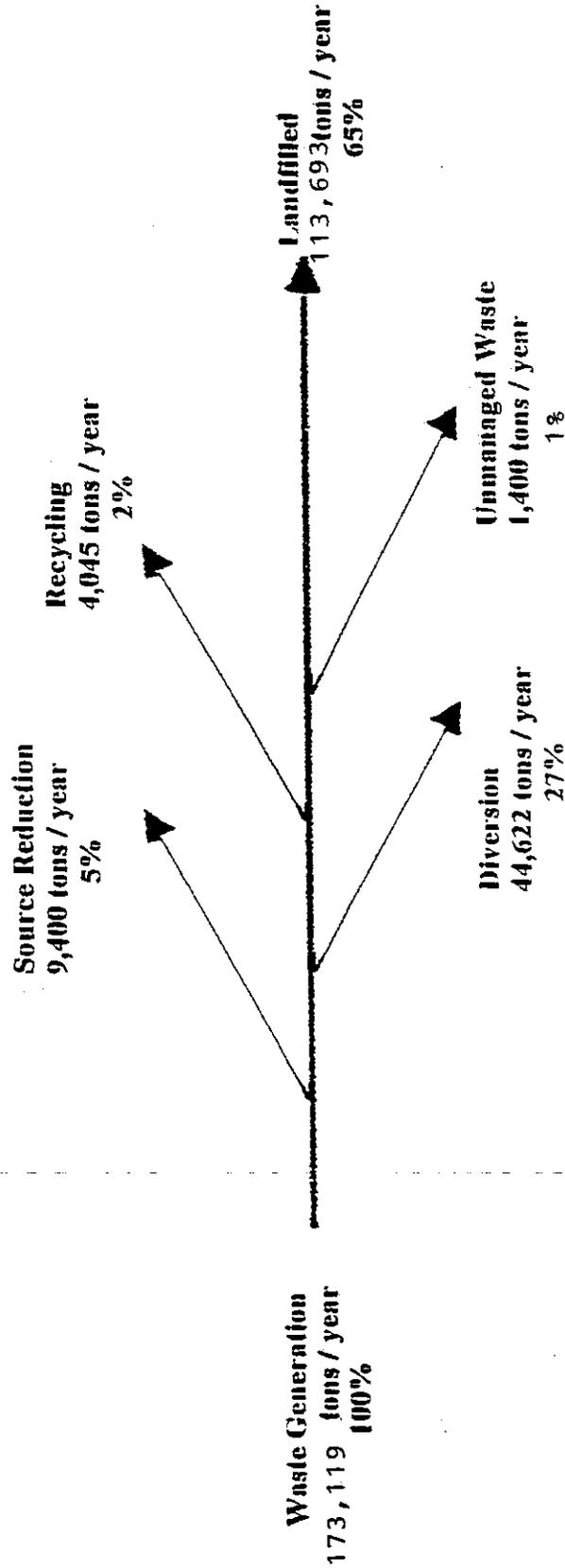


County Executive

99221999

Date

1998 Estimate of Total Waste Stream



Chapter 3
Waste Stream
Revised Table 2/5/00

3.4

1998 Estimates of Waste Stream

Source	Tons	%
Source Reduction (Industrial)	9,400	5
Recycling	4,045	2
Diversion	44,622	27
Unmanaged Waste	1,400	1
Total Diverted Waste	55,826	
Total Waste Disposed in Landfill	113,693	
Total Waste Stream Generated	173,119	

Chapter 3

Waste Steam

- 3.11** The Blount County Solid Waste Region is a Single County Region consisting of Blount County. Municipalities within the Region are: Maryville, Alcoa, Louisville, Friendsville, Townsend and Rockford. **(Chapter 2.1)**

The Region assures County-Wide Collection Assurance by several methods. The Region maintains one Registered Convenience Center, which is available to all residents. The Region operates a publicly accessible Class I and Class III/IV Landfill. The City of Maryville and the City of Alcoa, the two largest municipalities located within the Region, provide curbside trash pick-up to city residents as well as curbside pick-up for residential demolition/construction debris and yard waste. Private contractors serve the other municipalities located within the Region.

The Region's Collection Assurance is further validated by the presence and operation of (21) twenty-one local private trash, brush, construction/demolition, and garbage haulers/transporters who provide County-Wide door to door trash pick-up. These services are available to any county resident. In addition, the majority of apartment complexes, mobile home parks, and condominium complexes located with the Region provide trash disposal services for its tenants through contracts with various local private firms.

Untreated waste wood and pallets, brush, and yard waste are now being handled with a state permitted Air-Curtain Destructor at the Region's Landfill Facility. This incineration process creates a 100 to 1 volume reduction in the materials being handled.

In 1997 and 1998 the Alcoa/Maryville/Blount County Landfill received 5,510.44 tons of untreated waste wood and pallets, brush, and yard waste. This material was incinerated in the Air-Curtain Destructor. The process achieved a 100 to 1 reduction rate producing a final total volume of 55.10 tons of ash. The ash was then diverted and disposed of in the Region's Class III/IV Landfill.

Keep Blount Beautiful conducts the Region's Education and Waste Reduction Programs, as well as conducting the Illegal Roadside Dump Surveys, Citizens Complaints Surveys; and the Roadside Litter Pick-Up Program with the actual pick-up being coordinated by the Blount County Sheriff's Office. The Keep Blount Beautiful organization is also very active in the community regarding Recycling Programs, River Clean-Up Programs, Household Hazardous Waste Collection Events, Material Exchange Programs, Industrial Waste Reduction

Chapter 3.11 continued

Programs, School Age Educational Presentations and Programs, and Tours of the Region's Landfill.

The Region has six household recycling material drop-off sites available to the residents of the Region. One (1) is maintained and operated by the City of Alcoa, three (3) by the City of Maryville, one (1) by the Regional Landfill, and one (1) by Spectra Services, which also operates a Materials Processing Facility (MRF) for the Region. The Blount County Government has a contract with Spectra Services, for the operation of the small MRF located within the Region. The MRF accepts and processes the household recyclables collected at the Region's recycling Drop-off Centers, which are operated and funded by the City of Maryville and the City of Alcoa. The City of Alcoa also provides curbside recycling pick-up for its residents. The Region's Recycling Collection Programs are funded by the respective governing agencies general funds. All jurisdictions cooperate within the Region to provide the Collection Programs. **(Chapter 1 Region Summary)**

The City of Maryville and the City of Alcoa Recycling Programs accept Plastic Bottles and Jugs, No. 1 and 2 only; Clear, Green, or Brown Food/Beverage Glass; Clean Newspaper, Steel Cans and Aluminum Cans. **(Chapter 5.4)**

The Blount County Solid Waste Region collected approximately 4, 034 tons of household recyclables in 1998. Estimated breakdown of materials: 2, 574 tons of paper, 891 tons of glass, 6 tons of batteries, 98 tons of plastic, and 465 tons of metals in 1998. **(Chapter 3.3)**

In 1991, The Blount County Government, the City of Alcoa, and the City of Maryville signed a joint resolution establishing the Blount County Solid Waste Authority to administer the Blount County Solid Waste Plan in accordance with The Solid Waste Management Act of 1991. **(Chapter 2.7)**

The Region's Ten-Year needs and trends are not expected to change significantly, with the exception of increased recycling collection due to public education efforts and public participation.

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 BALANCE SHEETS
 June 30, 1998 and 1997

<u>ASSETS</u>	<u>1998</u>	<u>1997</u>
Current Assets:		
Cash	\$ 350	\$ 350
Investments - Certificates of deposit	1,482,796	1,243,898
Accounts receivable	240,462	235,242
Due from General Fund	197	-
Total Current Assets	<u>1,723,805</u>	<u>1,479,490</u>
Restricted Cash and Investments:		
Cash in banks	1,662,556	1,028,914
Investments - Certificates of deposit	534,173	670,591
Total Restricted Cash and Investments	<u>2,196,729</u>	<u>1,699,505</u>
Landfill Plant in Service:		
Land	617,665	617,665
Structures, improvements, and equipment	3,938,616	3,846,246
Less: Allowance for depreciation	<u>(1,016,678)</u>	<u>(848,319)</u>
Total Landfill Plant in Service	<u>3,539,603</u>	<u>3,615,592</u>
Other Assets:		
Unamortized debt expense	14,480	16,290
Unamortized discount on long-term debt	18,100	20,362
Total Other Assets	<u>32,580</u>	<u>36,652</u>
Total Assets	<u>\$ 7,492,717</u>	<u>\$ 6,831,239</u>
<u>LIABILITIES AND FUND EQUITY</u>		
Current Liabilities:		
Accounts payable	\$ 2,704	\$ 92
Accrued salaries	6,568	6,232
Bonds payable - Due within one (1) year	175,000	165,000
Capital leases payable - Due within one (1) year	172,442	134,167
Compensated absences	54,901	51,909
Due to General Fund	-	1,448
Total Current Liabilities	<u>411,615</u>	<u>358,848</u>
Long-Term Liabilities:		
Capital leases payable	163,532	148,189
Bonds payable	1,470,000	1,645,000
Compensated absences	4,558	4,583
Estimated liability for landfill closure and Postclosure care costs	<u>2,196,729</u>	<u>1,699,505</u>
Total Long-Term Liabilities	<u>3,834,819</u>	<u>3,497,277</u>
Fund Equity:		
Contributed Capital:		
Intergovernmental	363,931	363,931
Municipality	287,485	287,485
Total Contributed Capital	<u>651,416</u>	<u>651,416</u>
Retained Earnings	2,594,867	2,323,698
Total Fund Equity	<u>3,246,283</u>	<u>2,975,114</u>
Total Liabilities and Fund Equity	<u>\$ 7,492,717</u>	<u>\$ 6,831,239</u>

See accompanying independent auditors' report and notes.

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 STATEMENTS OF REVENUE, EXPENSES AND
 CHANGES IN RETAINED EARNINGS
 For the Fiscal Years Ended June 30, 1998 and 1997

	<u>1998</u>	<u>1997</u>
Operating Revenue:		
Fees and permits	\$ 2,605,860	\$ 2,665,851
Grants	1,813	11,910
Miscellaneous	<u>2,355</u>	<u>4,575</u>
Total Operating Revenue	2,610,028	2,682,336
Operating Expenses:		
Administrative and Operating	<u>2,034,637</u>	<u>2,045,973</u>
Operating Income Before Depreciation	575,391	636,363
Depreciation	<u>270,541</u>	<u>261,487</u>
Operating Income After Depreciation	304,850	374,876
Other Income:		
Interest income	<u>74,105</u>	<u>78,757</u>
Other Expense:	378,955	453,633
Interest income	<u>107,786</u>	<u>89,760</u>
Net Income	271,169	363,873
Retained Earnings - Beginning of Year	<u>2,323,698</u>	<u>1,959,825</u>
Retained Earnings - End of Year	<u>\$ 2,594,867</u>	<u>\$ 2,323,698</u>

See accompanying independent auditors' report and notes.

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 STATEMENTS OF CASH FLOWS
 For the Fiscal Years Ended June 30, 1998 and 1997

	<u>1998</u>	<u>1997</u>
CASH FLOWS FROM OPERATING ACTIVITIES:		
Cash received	\$ 2,604,808	\$ 2,777,031
Cash payments to suppliers for goods and services ..	(1,552,924)	(1,575,265)
Cash payments to employees for services	<u>(473,370)</u>	<u>(459,849)</u>
Net Cash Flows From Operating Activities	<u>578,514</u>	<u>741,917</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:		
Restricted cash transfer	(923,966)	(893,303)
Closure/Postclosure payments	<u>426,742</u>	<u>-</u>
Net Cash Flows From Non-Capital Financing Activities	<u>(497,224)</u>	<u>(893,303)</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:		
Principal paid on capital outlay note	-	(38,000)
Principal paid on capital leases	(144,000)	(136,639)
Interest paid on capital leases/notes	(107,787)	(89,760)
Payments for landfill plant acquisitions	(15,245)	(1,778,585)
Principal paid on bonds	<u>(165,000)</u>	<u>-</u>
Net Cash Flows From Capital and Related Financing Activities	<u>(423,032)</u>	<u>(2,042,984)</u>
CASH FLOWS FROM INVESTING ACTIVITIES:		
Interest on investments	74,105	78,757
Purchase of investments	(6,500,158)	(12,662,205)
Proceeds from sale of investments	<u>7,015,693</u>	<u>15,903,488</u>
Net Cash Flows From Investing Activities	<u>589,640</u>	<u>3,320,040</u>
NET INCREASE IN CASH AND CASH EQUIVALENTS		
	238,898	1,125,670
CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR		
	<u>1,244,248</u>	<u>118,578</u>
CASH AND CASH EQUIVALENTS AT END OF YEAR		
	<u>\$ 1,483,146</u>	<u>\$ 1,244,248</u>

(Continued)

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 STATEMENTS OF CASH FLOWS (Continued)
 For the Fiscal Years Ended June 30, 1998 and 1997

	<u>1998</u>	<u>1997</u>
Operating Income	\$ 304,850	\$ 374,876
Adjustments to reconcile operating income to net Cash provided by operating activities:		
Depreciation	270,541	261,487
Amortization of bond expense	4,073	4,073
Changes in assets and liabilities:		
(Increase) Decrease in:		
Accounts receivable	(5,220)	94,695
Other receivables	(197)	-
Increase (Decrease) in:		
Accounts payable	2,612	1,540
Accrued liabilities	3,303	10,094
Other liabilities	<u>(1,448)</u>	<u>(4,848)</u>
Total Adjustments	<u>273,664</u>	<u>367,041</u>
 NET CASH PROVIDED BY OPERATING ACTIVITIES	 <u>\$ 578,514</u>	 <u>\$ 741,917</u>

Accounting Policy Note:

Cash and cash equivalents consist of demand deposits and certificates of deposit with original maturities of three (3) months or less.

Schedule of Noncash Financing Activities:

During the years ended June 30, 1997 and June 30, 1998, the Landfill Fund acquired \$205,413 and \$192,702, respectively, in capital assets that were funded through vendor financing (recorded as capital leases payable).

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 STATEMENTS OF ADMINISTRATIVE AND OPERATING EXPENSES
 For the Fiscal Years Ended June 30, 1998 and 1997

	<u>1998</u>	<u>1997</u>
Administrative and Operating:		
Wages:	\$ 461,295	\$ 431,042
Regular	15,378	18,713
Overtime	38,964	36,624
F.I.C.A.	97,449	91,891
Retirement	92,737	79,535
Hospitalization insurance	7,507	7,059
Life/Accidental death insurance	7,655	6,872
Dental insurance	20,039	20,623
Workmen's compensation	25,646	31,698
Other personnel services	29,767	37,702
Professional services	546	1,389
Postage	361	615
Advertising	5,264	7,077
Travel and training	18,514	19,582
Dues	14	-
Printing	39,601	24,955
Maintenance contract	12,782	12,741
Utilities	7,687	26,757
Other contracted services	7,887	23,101
Office supply	65,708	56,397
Solid Waste Authority	5,681	-
Security guard services	8,131	7,508
Uniforms	-	247
Electric and plumbing	89,350	86,503
Construction materials	8,736	17,678
Slope stabilization	-	455
Repairs and maintenance	19,395	8,737
Small tools	12,292	13,757
Insurance	53,653	77,374
Equipment/auto parts	36,008	52,751
Gasoline	846,590	846,590
Closure and postclosure expense	<u>846,590</u>	<u>846,590</u>
 Total Administrative and Operating Expenses	 <u>\$ 2,034,637</u>	 <u>\$ 2,045,973</u>

See accompanying independent auditors' report and notes.

CITY OF ALCOA, TENNESSEE
 LANDFILL FUND - ENTERPRISE FUND
 SCHEDULE OF FIXED ASSETS AND DEPRECIATION
 For the Fiscal Year Ended June 30, 1998

	Fixed Assets			
	Balance 7-1-97	Additions	Deductions	Balance 6-30-98
Land	\$ 617,665	\$ -	\$ -	\$ 617,665
Office Buildings and Improvements	<u>2,003,855</u>	<u>-</u>	<u>-</u>	<u>2,003,855</u>
Improvements Other Than Buildings: Convenience Station	<u>15,906</u>	<u>-</u>	<u>-</u>	<u>15,906</u>
Machinery and Equipment:				
Office equipment	22,130	-	-	22,130
Landfill - working Equipment	1,599,280	192,702	110,977	1,681,005
Tools and small equipment	123,523	-	-	123,523
Trucks	<u>81,552</u>	<u>15,245</u>	<u>4,600</u>	<u>92,197</u>
Total Machinery and Equipment	<u>1,826,485</u>	<u>207,947</u>	<u>115,577</u>	<u>1,918,855</u>
Totals	<u>\$4,463,911</u>	<u>\$ 207,947</u>	<u>\$ 115,577</u>	<u>\$ 4,556,281</u>

	ALLOWANCE FOR DEPRECIATION				
	Balance 7-1-97	Depreciation Expense	Other Additions (Deductions)	Balance 6-30-98	Depreciation Rates
Land	\$ -	\$ -	\$ -	\$ -	-
Office Building and Improvements	<u>67,634</u>	<u>52,759</u>	<u>-</u>	<u>120,393</u>	3-7%
Improvements Other than Buildings: Convenience Station ..	<u>1,908</u>	<u>478</u>	<u>-</u>	<u>2,386</u>	3%
Machinery and Equipment:					
Office equipment	17,854	1,570	-	19,424	10-20%
Landfill working Equipment	652,573	203,295	110,977	744,891	17%
Tools and small Equipment	58,105	13,208	-	71,313	8-20%
Trucks	<u>50,245</u>	<u>12,626</u>	<u>4,600</u>	<u>58,271</u>	20%
Total Machinery and Equipment	<u>778,777</u>	<u>230,699</u>	<u>115,577</u>	<u>893,899</u>	
Totals	<u>\$ 848,319</u>	<u>\$ 283,936</u>	<u>\$ 115,577</u>	<u>\$ 1,016,678</u>	

See accompanying independent auditors' report and notes.

Routing Page
Solid Waste Planning Region
5 - YR Update

Planning Region: Blount County

Clerk

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

1. Write in the name of the person completing this report Mr. Sam Holloway
a "cc" for all letters sent to the chairperson.

2. (may be attached as a separate list):
Was a list of board members provided? Yes No
*If yes, continue to question four and verify the term of each member is current.
If no, skip question and go directly to question.*

3. Was the term of each member current? Yes No
Continue to question.

4. See page 14:
Did the chairperson of the board sign and date the report? Yes No
Continue to question.

5. See page 14:
Did the county executive, (each local Government body) sign and date the report? Yes No
Continue to question.

6. Which reviewer was assigned to this report? Karen Bob Becky
Continue to question.

7. On what date was the report sent to the reviewer? _____
Continue to question.

8. What is the deadline for the review (i.e., 90 working days from received stamp)? 12/9/1999
Attach routing page to the report and give it to the reviewer.

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

Reviewer

Date review is complete _____ Reviewer's initials _____
Log-in completion date and give working copy of report to Bob. Leave original copy in the permanent file.



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

December 6, 1999

Mr. Sam Holloway, Director
Blount County Solid Waste Authority
240 Long Powers Road
Friendsville, TN 37737

Dear Sam:

It was good visiting with you by phone earlier today. Thank you for preparing the five-year update to the region's ten-year plan. You did an excellent job with the report and I appreciate your understanding of the department's need for clarification on a couple of minor points.

1. First, of course, is the need for the signatures on the adopting resolution. I believe you said that you have just received these in your office and will forward them on to us.
2. In Chapter 3.11, we will appreciate your listing information requested in the (a) jurisdiction programs, (b) reduction and diversion programs and, (c) jurisdiction cooperation again. I realize you had already covered this ground in other chapters!
3. And finally, as we discussed, if you could reconcile the totals (numbers and percentages) in Chapters 1.3 and 3.4.

Sam, again I appreciate your attention to this request. And, please call on me whenever I may be of service.

Best wishes for the Holidays and the New Year for you and your family.

Sincerely,

A handwritten signature in black ink, appearing to read "Bob", written over the word "Sincerely,".

Robert G. Knight
Waste Reduction Section

cc: Mr. Robert Ramsey, Chairman, Blount County MSW Planning Region
The Honorable William A. Crisp, Blount County Executive



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Community Assistance

FAX TRANSMITTAL

From

BOB KNIGHT

Waste Reduction Section

(615) 532-0082 FAX: 615-532-0199

TO:

*Sam Holloway, Director
Blount Co. Solid Waste Authority*

FAX #:

*865
~~423~~ 995-2959*

DATE:

12-6-99

TIME: *3:15 pm*

SUBJECT:

Additinal info re: Five-Year Update

PAGES:

2 (with cover)

MESSAGE

Thanks Sam



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

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

September 14, 1999

Mr. Robert Ramsey
Chairman
Blount County Municipal SW Planning Region
2120 Middlewood Drive
Maryville, TN 37801

RE: Five-year Update to Ten-year Solid Waste Plan
Blount County SW Region

Dear Mr. Ramsey:

Thank you for your timely submission of the Blount County Region Update Plan. We received your plan on September 10th. 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 Karen Grubbs at 615-532-0463.

Sincerely,

Ron Graham

Ron Graham
Director

RC:klg

C: The Honorable William A. Crisp, Blount County Executive
Mr. Sam Holloway, Director of BCSWA, Blount County
Mr. Bob Freeman, Executive Director, East TN Development District
Mr. Mitch Loomis, East TN Development District
Ms. Chris Garkovich, SW Management Consultant, CTAS
Mr. Phil Chambers, Manager, Knoxville Environmental Assistance Center

Dr. Bob Ramsey - Chairman
Roger Campbell
John Jagger
Don Mull
Carl Walker
Dr. Ken Bell

J.C. Franklin
Howard Kerr
C.L. Overman
Cinda Reed
Craig West

BLOUNT COUNTY SOLID WASTE AUTHORITY

Bill Crisp - Blount County Executive
Don Mull - Alcoa Mayor
Stanley Shields - Maryville Mayor

240 LONG POWERS ROAD, FRIENDSVILLE, TENNESSEE 37737

865
(423) 995-2998 / FAX (423) 995-2959

September 8, 1999

Mr. Ron Graham, Director
State of Tennessee Department of Environment
and Conservation
Division of Community Assistance
401 Church St.
8th Floor
Nashville, TN 37243-1533



Re: Five-Year Update/Revision to the Blount County Solid Waste Region
Ten-Year Solid Waste Management Plan

Dear Mr. Graham:

Enclosed are the original and one copy of the Blount County Solid Waste Region's Five Year Update/Revision of the Ten-Year Solid Waste Management Plan. The document's format, information, and data is presented in accordance with the Guidelines for Preparation of Five-Year Updates to Municipal Solid Waste Regional Plans.

A copy of the Blount County Government Approval Resolution without signatures is included in the Update/Revision. A copy of the Approval Resolution with signatures will be forwarded to the Division just as soon as it is made available.

If you, or your staff, have any questions concerning the Update/Revision, please call me at 423-995-2998.

Sincerely,

A handwritten signature in cursive script, appearing to read "S Holloway".

Sam Holloway
Solid Waste Manager
Blount County Solid Waste Authority

Enclosures

Table of Contents

- Chapter 1 Summary**
 - Chapter 2 General Information about the Region**
 - 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 and Approval**
-

Chapter 1 Region Summary

The Blount County Solid Waste Region's (Region) Ten-Year Solid Waste Plan continues to progress as scheduled, achieving desired results. Public Education Programs, Disposal Options/Facilities, Problem Wastes Disposal, and Recycling Programs are currently being carried out as set forth in the Region's Ten-Year Plan, with few modifications. The most significant change has occurred in the Region's Reduction Strategies. There has been one change in the Region's Ten-Year Plan. The Region's Solid Waste Composting Plan/ Program has been changed to utilize an Air-Curtain Destructor for the incineration of untreated wood waste and pallets, brush, and yard waste.

This modification in the Region's Ten-Year Plan has been previously documented and approved in the Region's 1996, 1997, and 1998 Yearly Reports. Complying with the Tennessee Department of Environment and Conservation, Division of Solid Waste Assistance's (TDEC/SWASST) Regional Plans Five-Year Update and Preparation Guidelines, the Region is documenting and reporting the Region's Solid Waste Plan Modification to TDEC/SWASST.

The Alcoa/Maryville/Blount County Regional Landfill (Region's Landfill) continues to accept municipal solid waste and classified special waste to be placed in the engineer designed and Region permitted, Subtitle D lined cell, constructed during 1996 and opened to accept waste in March of 1997. The \$2.1 million cell generally functions as designed, but operates most efficiently and economically with management/operational modifications. Working with the cell's design, the waste is being managed in a fashion that achieves optimal compaction rates for the type of wastes being accepted. The designed leachate collection and disposal system is functioning properly after air quality and slope drainage modifications were made to the disposal lines.

The previously active unlined 35 acre Class I cell, utilized for the past 25 years, was successfully capped and closed according to state specifications and requirements during the spring and summer of 1998. The cap and closure construction was approved by the Tennessee Department of Environment and Conservation, Division of Solid Waste Management, Knoxville Field Office in the Fall of 1998.

The life expectancy of the existing facility site is approximately 25-30 years each for the Class I cell areas and the Class III/IV cell areas. The current Class I cell, and each of the proposed Class I Subtitle D lined cells scheduled for future construction, have a life expectancy of 8 to 10 years each, thus providing the total life expectancy for waste disposal for the facility and the Region. The facility was also recently issued a Class III/IV permit for specified areas and cells previously permitted as Class I areas.

Chapter 1
Region Summary continued

The Region continues to assure County-Wide Collection Assurance by several methods. The Region maintains one Registered Convenience Center, which is available to all residents of the Region. The Region also operates a publicly accessible Class I and Class III/IV Landfill. The Region's Landfill is open to residents for disposal of waste materials. The City of Maryville and the City of Alcoa, the two largest municipalities located within the Region, provide curbside trash pick-up to city residents as well as curbside pick-up for residential demolition/construction debris and yard waste. Eighty-percent of the Region's residents reside within a five-mile radius of the Region's Convenience Center and the Landfill.

The Region's Collection Assurance is further validated by the presence and operation of (21) twenty-one local private trash, brush, construction/demolition, and garbage haulers/transporters who provide County-Wide door to door trash pick-up. These services are available to any county resident. In addition, the majority of apartment complexes, mobile home parks, and condominium complexes located within the Region provide trash disposal services for its tenants through contracts with various local private haulers.

The Region continues to attempt to meet all reduction targets and action strategies as outlined in the Region's Ten-Year plan with the exception of the change in reduction strategies previously duly noted. Funding for implementation of the Region's Solid Waste Plan, along with funding for the Region's compliance with the Solid Waste Management Act of 1991 continues to be the collection of tipping fees levied at the Region's Class I and Class II/IV landfill facility.

See Appendix G. for Tipping Fee Appropriation

Chapter 1
Region Summary continued

Reduction Strategies and Activities conducted in 1997 and 1998:

- * Untreated waste wood and pallets, brush, and yard waste are now being handled with a state permitted Air-curtain Destructor. This incineration process creates a 100 to 1 volume reduction in the materials being handled.
- * In 1997 and 1998 the Alcoa/Maryville/Blount County Landfill received 5,510.44 tons of untreated waste wood and pallets, brush, and yard waste. This material was incinerated in the Air-curtain Destructor. The process achieved a 100 to 1 reduction rate to producing a final total volume of 55.10 tons of ash. The ash was then diverted and disposed of in the Region's Class III/IV Landfill.
- * Keep Blount Beautiful conducts the Region's Education and Waste Reduction Programs, as well as conducting the Illegal Roadside Dump Surveys, Citizens Complaints Surveys; and the Roadside Litter Pick-up Program with the actual pick-up being coordinated by the Blount County Sheriff's Office. The Keep Blount Beautiful organization is also very active in the community regarding Recycling Programs, River Clean-up Programs, Household Hazardous Waste Collection Events, Material Exchange Programs, Industrial Waste Reduction Programs, School Age Educational Presentations and Programs, and Tours of the Region's Landfill.
- * The Region has six household recyclable materials drop-off sites available to the residents of the Region. One (1) is maintained and operated by the City of Alcoa, three (3) by the City of Maryville, one (1) by the Regional Landfill, and one (1) by Spectra Services, which also operates a Materials Processing Facility (MRF) for the Region. The Blount County Government has a contract with Spectra Services for operation of the small MRF located within the Region. The MRF accepts and processes the household recyclables collected at the Region's Recycling Drop-off Centers, which are operated and funded by the City of Maryville and the City of Alcoa. The City of Maryville and the City of Alcoa, the two largest municipalities located within the Region, also provide curbside trash pick-up to city residents, as well as curbside pick-up for residential demolition/construction debris and yard waste.

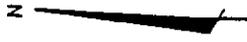
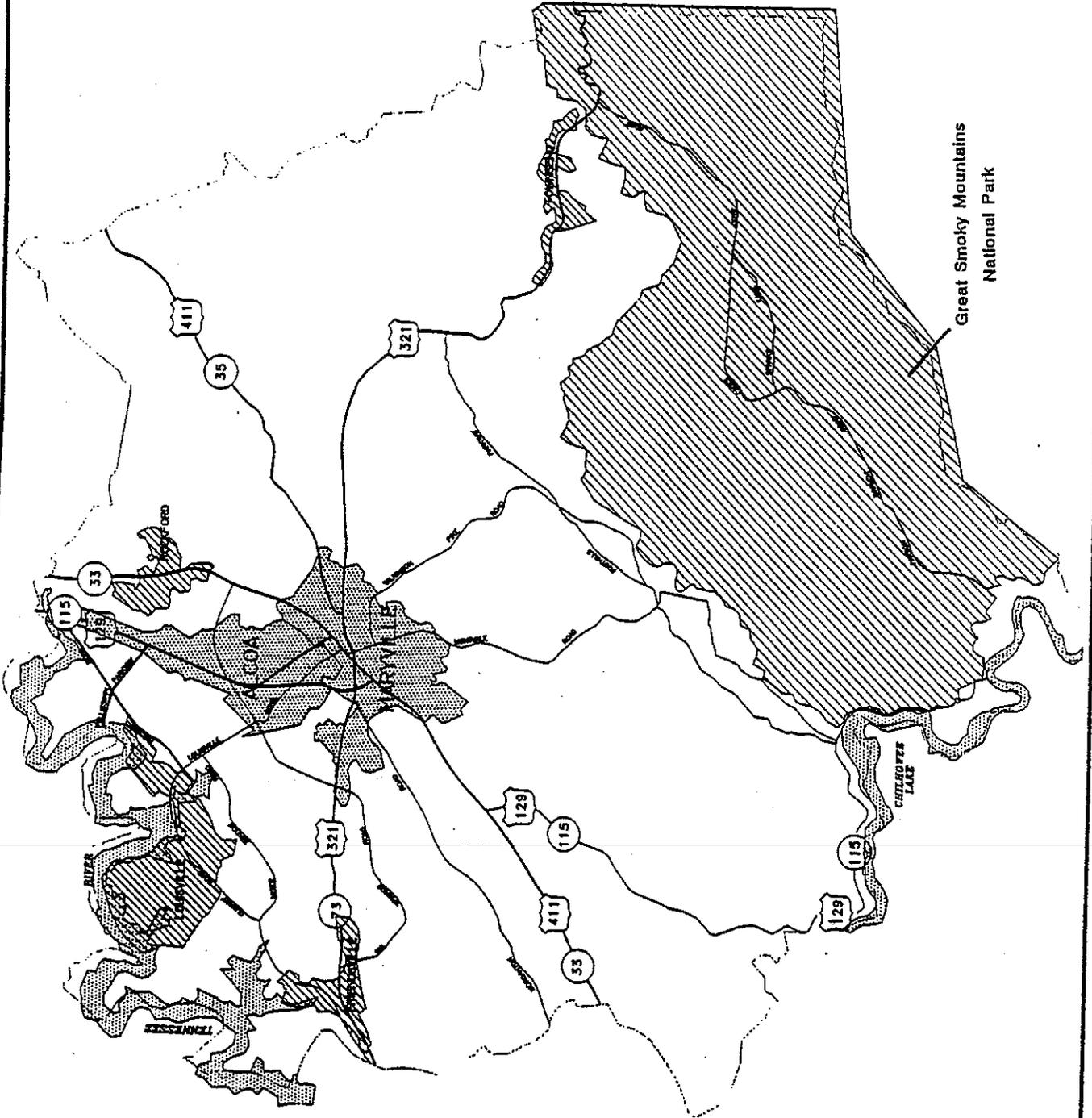
Chapter 1 Region Summary

1.1

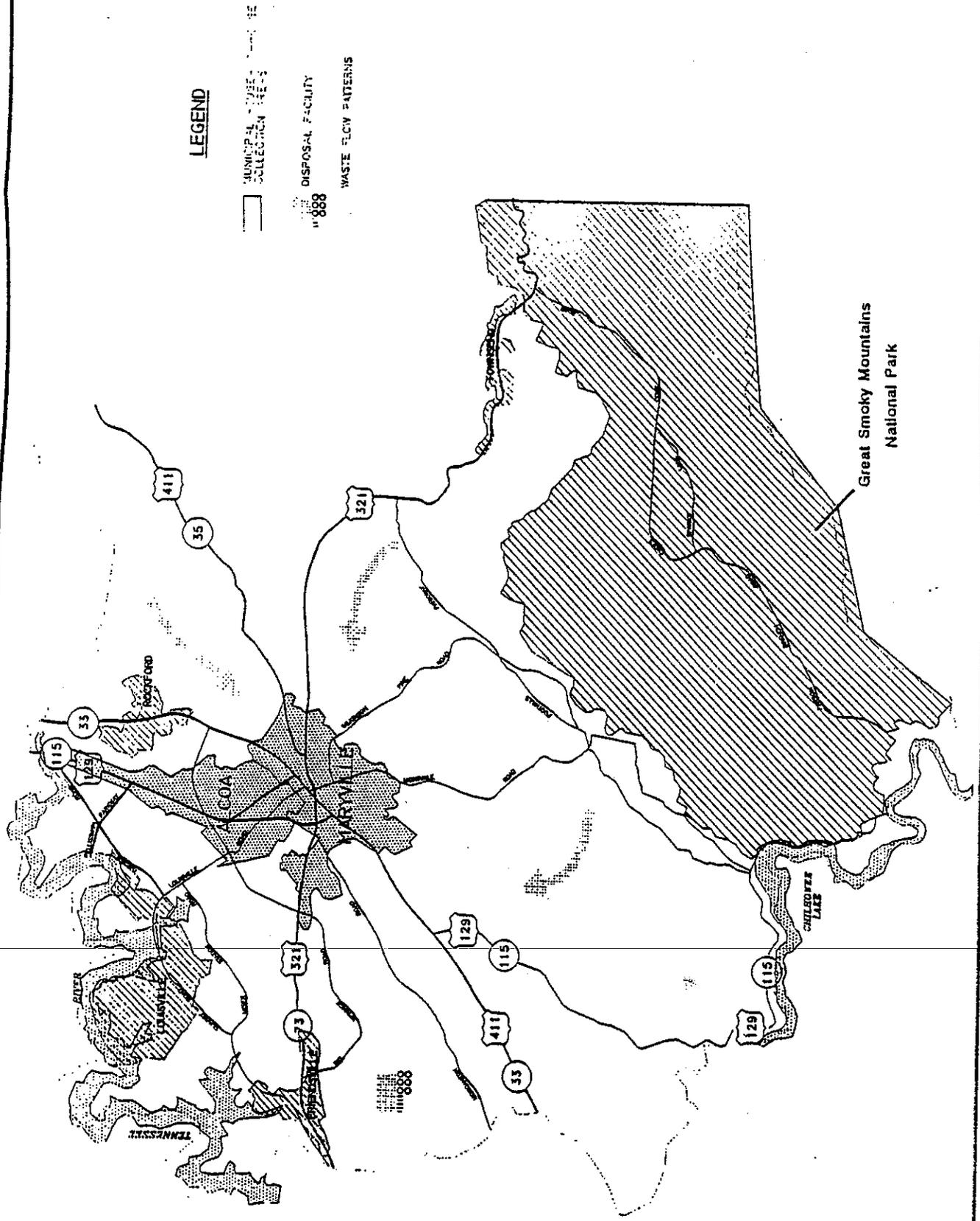
Blount County Solid Waste Region Ten-Year Implementation Schedule

Action	Year										Responsible Party	\$\$	Funding Source
	99	00	01	02	03	04	05	06	07	08			
Cap/Closure of Specified Class I, II, III, IV Cells	X					X				X	City of Alcoa	\$2.1 M per cell	Tipping Fee
Continue Class I, II, III, & IV Landfill Operations	X	X	X	X	X	X	X	X	X	X	City of Alcoa	\$3.8 M per year	Tipping Fee
Construct Class I Sub-title D Cell					X					X	City of Alcoa	\$2.6 M per cell	Tipping Fee
Continue Public Education Programs	X	X	X	X	X	X	X	X	X	X	Keep Blount Beautiful	\$38 K per year	Tipping Fee
Solid Waste Plan Guidance and Compliance	X	X	X	X	X	X	X	X	X	X	Blount County Solid Waste Regional Board	\$32 K per year	Tipping Fee
Upgrade Facility and Equipment	X	X	X	X	X	X	X	X	X	X	City of Alcoa	\$180 K per year	Tipping Fee
Post Closure Maintenance	X	X	X	X	X	X	X	X	X	X	City of Alcoa	\$60 K per year	Tipping Fee
Continue Regional Recycling Programs	X	X	X	X	X	X	X	X	X	X	City of Maryville, City of Alcoa, Blount County	Per Year: \$140 K C.O.M., \$15 K C.O.A., \$10 K Blount Co	Cities of Maryville, Alcoa, and Blount Co General Funds
Modify Region's Solid Waste Plan in order to Comply with 1991 Solid Waste Act Amendments	X	X	X	X	X	X	X	X	X	X	Blount County Solid Waste Regional Board	Unknown Dependent Upon Legislation	Tipping Fee
Compliance with EPA's SWPPP and Air Emissions Monitoring Requirements				X	X	X	X	X	X	X	City of Alcoa	\$250K Initial Expense, then Yearly Maint. of \$28K	Tipping Fee

FIGURE 1-1



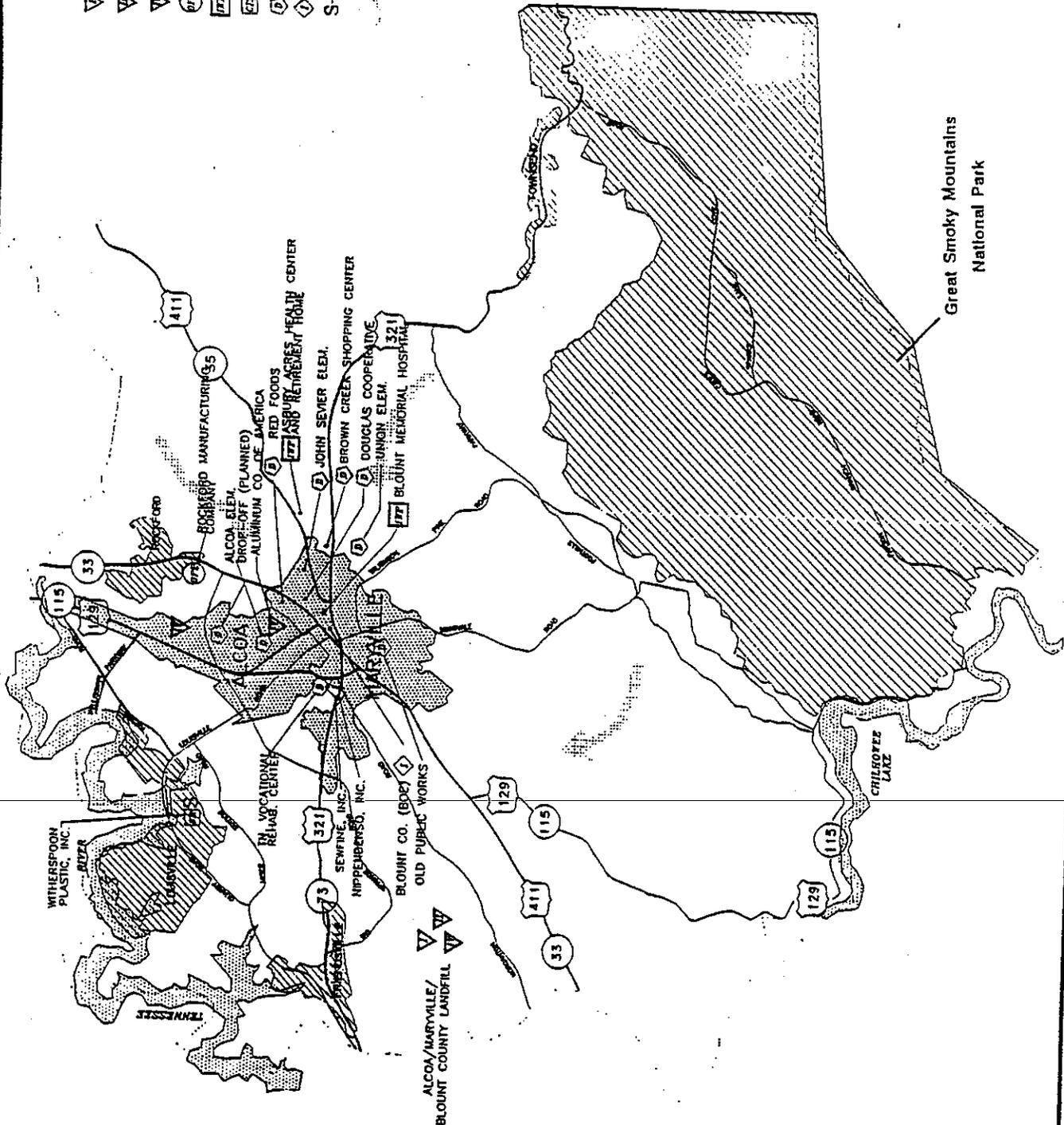
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LEGEND

- ▽ PERMITTED CLASS I LANDFILL (MUNICIPAL SOLID WASTE)
 - ▽ PERMITTED CLASS II LANDFILL (INDUSTRIAL)
 - ▽ PERMITTED CLASS III LANDFILL (DEMOLITION)
 - OTHER PERMITTED PROCESSING CENTER
 - INFECTIOUS WASTE PROCESSING FACILITY
 - COMMERCIAL RECYCLERS
 - DROP-OFF RECYCLING CENTER
 - ◇ MAJOR IN-HOUSE/COMMERCIAL/INDUSTRIAL RECYCLING PROGRAM
 - S END-USE INDUSTRY THAT PURCHASES RECOVERED MATERIALS DIRECTLY
- WASTE FLOW PATTERNS

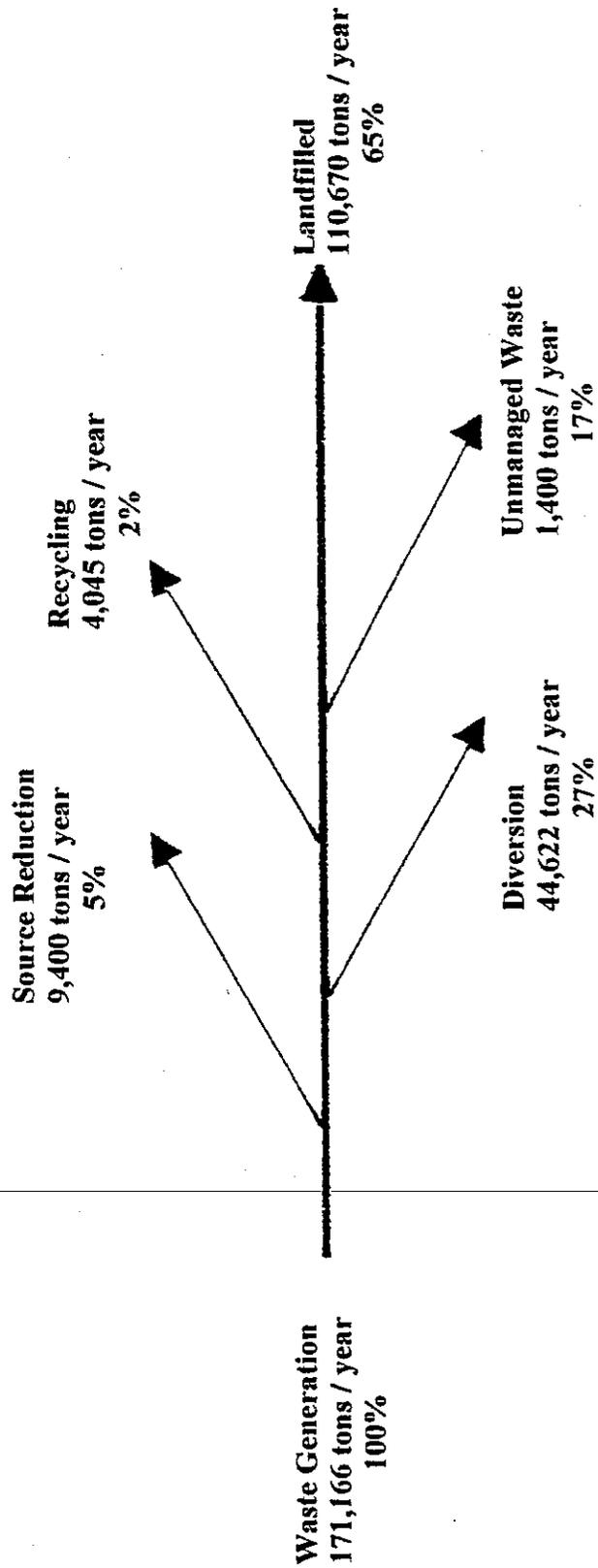


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Chapter 1
Region Summary

1.3

1998 Estimate of Total Waste Stream



170,137 Tons
11670

Chapter 2 Region General Information

- 2.1** The Region consists of one county and is identified as the Blount County Solid Waste Region (Region). Municipalities within the Region are: Maryville, Alcoa, Louisville, Friendsville, Townsend and Rockford.
- 2.2** The population estimate as of July 1, 1998: 101,295.
Source: U.S. Census Bureau
- 2.3** Blount County Regional Solid Waste Board members are appointed by their respective jurisdiction governing body and confirmed by the Blount County Executive. The Regional Board is composed of three representative of Blount County, two representatives from the City of Alcoa, two representatives from the City of Maryville, two citizens at-large, one private transporter representative, and one industrial representative. The officers selected by the Authority also serve as officers of the Regional Board. The terms of the 11-member Board have been staggered as follows: four members have two year terms; four members have four year terms; and three members have six year terms.

Blount County Regional Solid Waste Chairman:

Dr. Robert L. Ramsey
2120 Middlewood Drive
Maryville, TN 37801
Ph. 423-983-7370

See **Appendix A.** for member list

-
- 2.4.** The Region has not formed a Part 9 Solid Waste Authority.
- 2.4b.** The Region has not dissolved a Part 9 Solid Waste Authority.

Chapter 2

Region General Information

2.5 Region Contacts:

William A. Crisp
Blount County Executive
341 Court St.
Maryville, TN 37801

Dr. Robert L. Ramsey
Chairman, Blount County Solid Waste Regional Board
2120 Middlewood Drive
Maryville, TN 37801

Sam Holloway
Solid Waste Manager
Blount County Solid Waste Regional Board
240 Long Powers Road
Friendsville, TN 37737

- 2.6** The Blount County Solid Waste Regional Board is an appointed body with the responsibility of providing guidance to the Blount County Solid Waste Region for the implementation and management of the Blount County Solid Waste Management Plan. The Board meets quarterly and involves local municipalities, local agencies, and public participation, in the decision making process. The Board submits all required state reports in a timely and accurate manner. The Board meets its legal obligations with regard to region wide permit review.

See **Appendix B.** for By-Laws

As municipal solid waste regions were being developed, it was determined that the solid waste management systems of unincorporated Blount County (the county), the City of Alcoa, and the City of Maryville were of such a nature that allows for the formation of a single county region. The total quantity of waste handled by both public and private entities, as well as the flow of waste within the county and the two cities, were deemed sufficient to warrant the single county approach. Therefore, on October 19, 1992, Blount County and the Cities of Maryville and Alcoa signed a joint resolution establishing a Solid Waste Region.

Chapter 2
Region General Information continued

- 2.7** In a joint resolution it was established that the Blount County Solid Waste Authority, which had been established on June 27, 1991, would administer the activities of the Solid Waste Region. In accordance with the Act, the Authority established a Regional Board to develop the solid waste management plan. Currently, the members of the Authority serve as the Regional Board.
- 2.8** Within the Region, the City of Maryville and the City of Alcoa provide curbside pickup for residential waste. The Region itself has door to door collection service pickup available to its residents.
- 2.9** The Region is located in the eastern portion of Tennessee on the border with North Carolina and in the Knoxville Metropolitan Statistical Area. There are six incorporated municipalities, including the Cities of Maryville, Alcoa, Louisville, Friendsville, Rockford, and Townsend. The region has a land area of 558.6 square miles. There are currently 102.85 miles of U.S. primary highways, as well as 79.38 miles of state highways, and 867.7 miles of county and municipal roads. The Pellissippi Parkway, which links Blount County to West Knoxville has been designated as Interstate 140.

The McGhee - Tyson Airport, is the primary aviation facility for Blount County and Knoxville and is located adjacent to The City of Alcoa. In addition, the Tennessee River runs through the northwestern portion of the county, with the Little Tennessee running through the Southeastern portion of the county. The major rail routes include Norfolk Southern, whose terminal serves Rockford, Maryville, and Alcoa; and CSX, which serves Alcoa and Maryville.

See Appendix I. for:
Economic Census,
General Census Profile
Business and Employment Profile

Chapter 2
Region General Information

2.9

Model-Based Income Estimates for Blount County, Tennessee in 1995

Statistic	Estimate	90% Confidence Interval
Median household income	\$33,966	\$31,000 to \$36,916

Release Date: February 1999.

Source: Bureau of the Census, Small Area Income and Poverty Estimates Program

**County Population Estimates for July 1, 1998 and Population Change for
July 1, 1997 to July 1, 1998**

Blount County	7/1/98	7/1/97	1997-1998 Comparison
Population	101,295	100,218	
Population Change			1,077
Percent Change			1.147011

Release Date: March 1999

Source: Population Estimates Program, Population Division, U.S. Bureau of Census

- 2.10** Currently, Class I, II, III, & IV waste may be disposed in the Region's Landfill at a rate of \$24 a ton. A tipping fee was instituted in 1993. The City of Alcoa has contractual agreements with Blount County and the City of Maryville to operate the Region's Landfill. The City of Alcoa collects the tipping fee for the Region.

Chapter 2
Region General Information continued

- 2.11 Currently, the Region's expenditures that are required in order to comply with the Region's 10-Year Solid Waste Management Plan, and other requirements of the Solid Waste Management Act of 1991 are approximately \$3,500,000 - \$4,000,000 per year.

Currently, revenue source for the Region consists of a solid waste disposal tipping fee of \$24 per ton, and is levied at the Region's Landfill.

Annual revenues generated by the Region through the tipping fee are approximately ~~\$38,000,000~~ - \$4,200,000 per year.

\$ 3,800,000

Regional Expenditures:

Operation of the Region's Class I, III, & IV Landfill
Metal and Freon Gas Recovery Programs
Waste Wood/Brush Collection / Disposal
Leachate Collection Monitoring and Disposal Systems
Ground Water Monitoring Program, Analysis and Reporting Requirements
Storm Water Pollution Prevention Plan and Implementation
Title V Air Emissions Monitoring (Methane Gas) Plan and Implementation
Compliance with the Solid Waste Management Act of 1991
Public Education Programs
Problem Wastes Programs and Disposal
Tipping Fee Surcharge
Permit and Facility Maintenance Fees
Landfill Operator Certifications
Safety Programs
Benefits and Insurance Programs

Chapter 2
Region General Information continued

2.11 Landfill Capital Expenditure Projects:

Closure and Post-Closure Maintenance of Cells
Subtitle D Cell Construction
Air Curtain Destructor
Heavy Equipment Purchases
Maintenance Building Construction
Truck Scales Purchase
Scalehouse Construction
Convenience Center Construction / Operation and Recycling Drop-off
at Regional Landfill
Problem Waste Programs and Disposal
Property Acquisition for Landfill Expansions

The Region's system of revenue generation is presently working very well for the Region. The current tipping fee is \$24 per ton, which is among one of the lowest tipping fees in the state. For the Region, annual revenue generated is generally more than annual expenditures, resulting in a positive fund balance. The fund balance allows the Region the funds to construct future Class I Subtitle D cells. Furthermore, the fund balance also provides for property acquisition, facility expansion and improvements, and required Closure / Post-Closure Construction Projects. It also helps cover the additional costs associated with increasingly stringent unfunded state and federal mandates and environmental protection legislation proposed for enactment. In addition, increases in capital expenditures and operational costs can also be partially covered with the fund balance. The Region's revenue source (the tipping fee) could be adjusted if necessary in order to remain compliant with the Region's Solid Waste Management Plan, the Solid Waste Management Act of 1991 including subsequent amendments, and pending state and federal legislation regarding waste disposal policies and compliance.

2.12 All governmental jurisdictions located in the Region utilize uniform financial accounting methods and the City of Alcoa maintains an Enterprise Fund for the Region's Landfill and Solid Waste Management Plan.

2.13 The Proposed Budget for the remaining five years in the Region's Ten-Year Plan is attached to Chapter 2.

2.14 Ray Richesin
Finance Director
City of Alcoa
441 N. Hall Rd.
Alcoa, TN 37701

End Chapter 2

Blount County S W Region Projected Budget											
FY 1999 - FY 2008											
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Landfill Administration											
Salaries	93,740	98,427	103,348	108,516	113,942	119,639	125,621	131,902	138,497	145,422	
Benefits	12,650	13,283	13,947	14,644	15,376	16,145	16,952	17,800	18,690	19,624	
Insurance	24,980	26,240	27,551	28,929	30,376	31,894	33,489	35,163	36,922	38,768	
Travel	4,500	4,725	4,961	5,209	5,470	5,743	6,030	6,332	6,649	6,981	
Operation Expense	74,000	77,700	81,585	85,664	89,947	94,445	99,167	104,125	108,332	114,798	
Capital Expense (Future Cell Construction)	175,000	183,750	192,938	202,584	212,714	223,349	234,517	246,243	258,555	271,482	
Contracts	29,000	30,450	31,973	33,571	35,250	37,012	38,863	40,806	42,846	44,989	
Employee Training	5,000	5,250	5,513	5,788	6,078	6,381	6,700	7,036	7,387	7,757	
Public Relations	500	525	551	579	608	638	670	704	739	776	
Total	419,380	440,349	462,366	485,485	509,759	535,247	562,009	590,110	619,615	650,596	
Facility Operations											
Salaries	163,900	172,095	180,700	188,735	199,221	209,183	219,842	230,624	242,155	254,263	
Benefits	39,765	41,753	43,841	46,033	48,335	50,751	53,289	55,953	58,751	61,689	
Operation Expense	86,000	90,300	94,815	99,556	104,534	109,760	115,248	121,011	127,061	133,414	
Capital Expense (Vehicles)	20,000	21,000	22,050	23,153	24,310	25,526	26,802	28,142	29,549	31,027	
Contracts	500	525	551	579	608	638	670	704	739	776	
Insurance	33,315	34,981	36,730	38,568	40,495	42,519	44,645	46,878	49,221	51,682	
Total	343,480	360,654	378,667	397,621	417,502	438,377	460,296	483,311	507,476	532,850	
Scale Operations											
Salaries	93,500	98,175	103,084	108,238	113,650	119,332	125,299	131,564	138,142	145,049	
Benefits	21,280	22,355	23,472	24,645	25,878	27,172	28,531	29,957	31,455	33,028	
Operation Expense	15,000	15,750	16,538	17,364	18,233	19,144	20,101	21,107	22,162	23,270	
Capital Expense	112,300	117,915	123,811	130,001	136,501	143,326	150,493	158,017	165,918	174,214	
Contracts	6,000	6,300	6,615	6,946	7,293	7,658	8,041	8,443	8,865	9,308	
Insurance	18575	19,504	20,479	21,503	22,578	23,707	24,892	26,137	27,444	28,816	
Total	266,665	279,998	293,998	308,698	324,133	340,340	357,357	375,224	393,986	413,685	

Chapter 3 Waste Stream

- 3.1 The Region generated 113,693 tons of solid waste that was disposed of in the Region's Class I Landfill.

See Appendix C. for Certified Report

3.2. **1998 Estimate of Sources of Solid Waste**

Source	Tons	%
Residential	78,485	.69
Commercial	10,134	.09
Industrial	21,007	.18
Institutional	1,100	.01
Special (2)	2,967	.03
Total	113,693	100.0

3.3 **1998 Estimate of Sources of Solid Waste**

Source	Tons	%
Yard Waste	2,872	.03
Construction/Demo	44,623	.41
Tires	785	.006
Recycables	4,034	.04
White Goods	150	.004
Regular MSW	53,873	.51
Total	106,337	100.0

Chapter 3
Waste Stream continued

3.4 1998 Estimates of Waste Stream

Source	Tons	%
Source Reduction (Industrial)	9,400 ✓	5
Recycling	4,045 ✓	2
Diversion	44,622 ✓	27
Unmanaged Waste	1,400 ✓	1
Total Diverted Waste	55,826	
Total Waste Disposed in Landfill	110,670 ✓	
Total Waste Stream Generated	166, 496	

3.5 The Region is experiencing a small but steady increase in population at this time. In July of 1997 the population was estimated to be 100,218. In July of 1998 the population was estimated to be 101,295, resulting in a 1.1% increase, (Source: US Census Bureau)

The Region is also experiencing a small increase in new business and industry start-ups, but no large manufacturing has moved into the Region that would generate significant amounts of waste. There are some small businesses that have been established in the Region that produce small amounts of special waste. However, the volumes are not significant.

3.6 Blount County's Largest Employers

See Appendix J. for list.

In general, the economic condition of the Region is viable and trends indicate that the county is growing both in population and average yearly incomes. The unemployment rate is low, as is the poverty rate. Job opportunities are available in a variety of occupations and industry, particularly the service industry.

Chapter 3
Waste Stream continued

- 3.6** The major economic factor that could significantly impact the waste stream would be additional types of manufacturing plants built within the Region that would generate excessive amounts of waste by-product from the manufacturing process, such as another metal smelting facility. If that should occur, then waste reduction efforts, and possibly disposal options and costs, would need to be addressed. The Region does not expect other types of industry that would locate in the Region to significantly impact the waste stream or disposal options.

See **Appendix I.** for specific statistical information regarding the Region's economic condition.

3.7 Major Contributors to the Region's Waste Disposal

1.

City of Maryville
Rick Whaley
423-981-3301
Type of waste: MSW
1998 Volume: 19339.6 Tons

#2.

City of Alcoa
Kenny Wiggins
423-981-4187
Type of waste: MSW
1998 Volume: 17,958.2 Tons

#3.

Blount County Residents
21 Private Haulers (See Appendix D.)
Type of waste: MSW
1998 Volume: 16,576.8

Chapter 3
Waste Streams continued

3.7 #4.

Aluminum Company of America

Craig West

423-977-2475

Type of waste: Non-hazardous Industrial (Special Waste)

1998 Volume: 11,396.55

#5.

British Tire and Rubber

R. E. Karras

423-984-7600

Type of waste: Non-hazardous Industrial (Special Waste)

1998 Volume: 3,798.85 Tons

- 3.8** The Region has in place a Litter Grant Program that is managed by The Blount County Sheriff's Department and Keep Blount Beautiful. The program is very active and collects and disposes roadside litter and targets certain small illegal dumpsites for clean-up. The program was awarded the Best Program in the State Award in 1998.

In addition, the two largest municipalities, the City of Maryville and the City of Alcoa, utilize their Street Departments for roadside litter pick-up when necessary.

The Region's contacts for the Clean-up and Litter Programs are:

Blount County: Sue Dawson
Keep Blount Beautiful Coordinator

City of Maryville: Rick Whaley
Public Works Director

City of Alcoa: Kenny Wiggins
Public Works Director

Chapter 3
Waste Stream continued

3.9 This Region has not the opportunity to review the formula that includes economic factors in determining the waste reduction percentages for the Region.

3.10 For this Region, the proposed base year of 1995 reflects a per capita disposal rate that is relatively close to the per capita disposal rate in the Region for the year 1989. The Region feels the change to utilize the year of 1995 as the base year, and the year 2003 as the new goal year, will not significantly impact the Region.

3.11 The Blount County Solid Waste Region is a Single County Region.

Listed, Discussed, and Reported in the Region's Five-Year Update, and Found in Chapter's 1, 2, 3, 4, 5, 6, 7, and 8 are:

List of Cities within the Region

✧ Jurisdiction Programs

List of Members/Responsibilities of the Regional Solid Waste Board

✧ Reduction and Diversion Programs

✧ Jurisdiction Cooperation

Jurisdiction Recycling Programs and Acceptable Materials

Amounts and Methods of Program Funding

Current and Ten Year Trends and Needs

Active Education Programs

Regional Compliance Efforts

End Chapter 3

Chapter 4
Collection and Transportation

4.1 Collection Services Available in the Region

Service	Available To	Paid for by	Description
Curbside Collection	City Residents	City Tax Base	City of Maryville
Curbside Collection	City Residents	City Tax Base	City of Alcoa
Door to Door Collection	Any County Resident	Individual Customer	Blount County Solid Waste Region * See Appendix D for Private Hauler List
Convenience Center	All County Residents	Tipping Fee	Alcoa/Maryville/Blount County Landfill - One Center

4.2 The Region provides County-Wide Collection Assurance by a number of methods. Residents residing inside the corporate limits of the two largest municipalities in the Region are provided curbside trash collection. The Region maintains one registered convenience center, which is available to all residents of the Region. The Region also operates a publicly accessible Class I and Class III/IV Landfill, at which, residents may dispose of waste materials. Eighty-percent of the Region's residents reside within a five-mile radius of the convenience center and the landfill.

The City of Maryville and the City of Alcoa, the two largest municipalities within the Region, provide curbside trash pick-up to city residents, as well as curbside pick-up for residential demolition/construction debris and yard waste. In addition, the majority of apartment complexes, mobile home parks, and condominium complexes in the Region provide trash disposal services for its tenants through contracts with various local private haulers.

The City of Maryville provides collection service to approximately 7,700 residences and 365 businesses within its city limits (1998), while the City of Alcoa provides service to 2,985 residences and 1004 businesses within its city limits (1998).

Chapter 4

Collection and Transportation continued

- 4.2 The Region's Collection Assurance is further validated by the presence and operation of (21) twenty-one local private trash, brush, construction/demolition, and garbage haulers/transporters who provide County-Wide curbside, or door to door, trash pick-up. These services are available to any county resident. The combined service of the 21 private haulers includes approximately 16,870 residences and 545 businesses.

The local private haulers pick-up and transport approximately 22% of the household waste deposited in the Region's Class I Landfill, as indicated by the records and billing services of the City of Alcoa and the Regional Landfill. The City of Alcoa disposes of approximately 26% of the total volume placed in the Class I cell and the City of Maryville disposes of approximately 28% of the total volume placed in the Class I cell. The remaining 24% of the total volume placed in the Class I cell is derived from Special Waste and the Region's Convenience Center.

See **Appendix E.** for County Executive's Letter

- 4.3 Regional Collection Assurance will continue to be provided as set out in the Region's original Ten-Year Solid Waste Plan, and as described and reported in Chapter 4. **See Chapter 4.2 for specifics.** No significant changes are projected for the waste stream volumes or the methods in which waste collection is handled. Waste generated and collected within the Region will be disposed of at the Alcoa/Maryville/ Blount County Landfill, which has twenty-five years remaining life capacity.

Commercial solid waste collection will continue to be handled through the cities and private haulers. Any waste generated within the Region will be accepted at the Alcoa/Maryville/Blount County Landfill at the current tipping fee, if the waste itself is not prohibited from disposal at the Region's Landfill by the Tennessee Department of Environment and Conservation, Division of Solid Waste Management.

Industries will continue to make arrangements for non-hazardous industrial waste collection and disposal, either through private haulers to the Alcoa/Maryville/Blount County Landfill or through existing on-site disposal.

End Chapter 4

Chapter 5 Recycling

5.1 Recycling Coordinator for the Blount County Solid Waste Region:

Sam Holloway
Solid Waste Manager
Blount County Solid Waste Authority
240 Long Powers Road
Friendsville, TN 37737
423-995-2998

5.2 The City of Alcoa, City of Maryville, the Regional Landfill, and Spectra Services, continue to operate drop-off sites for the collection of household recyclable materials from the Region's residents as a method of source reduction for materials that would otherwise be disposed of in the Region's Landfill. In addition, the City Alcoa has a curbside collection program for recyclable materials.

A number of industries in Blount County have in-house recycling and source reduction programs that divert waste from the landfill. These include: ALCOA(aluminum), Douglas Adult Cooperative (oil filters), Witherspoon Plastic (plastic), Nippendenso Tennessee, Inc. (cardboard, aluminum, oil, scrap metal, paper, plastic), Sew Fine, Inc. (aluminum, textiles, scrap metal), and Rockford Manufacturing (cotton waste composting). Also within the region, most major retail outlet stores such as Wal-mart, K-mart, etc. Also, most large retail grocery stores have cardboard recycling programs.

See **Appendix F** for a listing of publicly and privately sponsored waste reduction programs located within the Region including a listing of the materials accepted.

5.2 The Region has one Materials Recovery Facility (MRF) utilized by the Region, the City of Maryville drop-off sites and the City of Alcoa drop-off sites for processing collected materials. The MRF also operates a drop-off center for household recyclables and in addition operates a buy-back center for aluminum cans.

Spectra Services Recycling Center
Steve Dixon, Owner
1627 Robert C. Jackson Dr.
Maryville, TN 37801
423-982-2995

As reported previously in the Region's 1998 Annual Report, the total volume of materials that Spectra recycled in 1998 was 1,375.80 tons.

Chapter 5
Recycling continued

- 5.2** Two small private companies located in the Region shred used pallets and brush to generate mulch material for resale.

Waste Reduction & Recycling, Inc.
Ken Eckert
P.O. Box 5584
Maryville, TN 37801
423-977-8452

Kellems Recycling Systems, Inc.
Tim and Katy Kellems
2130 Buckingham Circle
Maryville, TN 37803
423-977-7500

Both companies utilize a shredding operation for waste wood and pallets to generate mulch material.

- 5.3** After implementation of the Region's Solid Waste Plan, the State of Tennessee Vocational Rehabilitation Center, located in the Blount County Industrial Park, processed materials collected at the residential recycling drop-off sites at a small Materials Recovery Facility (MRF) staffed by vocational trainees.

In 1998 the State notified the Region that the Vocational Center would no longer be able to operate the MRF due to weak markets for recyclable materials. The Region considered the ability to process collected materials an important factor in the overall recycling program because collected items had to be baled, or processed, in order to be marketable. The Region decided to put out for bid the operation of the MRF.

The Vocational Center granted several extensions to the Region for continued operation of the MRF in order to allow sufficient time for the Region to contract with another operator. The Region encountered a measure of difficulty obtaining an agreement on selection of a contractor from the proposals submitted. Additional technical assistance was provided to local government officials and the Region's Solid Waste Board from the Region's Solid Waste Manager.

Chapter 5
Recycling continued

- 5.3** The Blount County Government awarded Spectra Services the bid during the final extension. The finalized contract between the Blount County Government and Spectra Services for the MRF operation included the operation of a public drop-off site and buy-back center for aluminum. The City of Maryville and the City of Alcoa's drop-off centers remained open during the selection process. Currently, the Region's recycling program appears to provide recycling assurance and convenience to residents that recycle household materials.
- 5.4** The City of Alcoa, City of Maryville, the Regional Landfill, and Spectra Services, operate drop-off sites for the collection of household recyclable materials from county residents. In addition, the City Alcoa has a curbside collection program for recyclable materials. The City of Maryville examines the feasibility of curbside recycling annually.

Listed below are the publicly sponsored program specifics and locations of drop-off centers in the Region. Each drop-off site has three or more 30 cubic yard trailers, or roll-off containers, each with separate compartments for materials. Full containers of household recyclable materials are delivered to the Region's MRF, where materials are processed and marketed.

The Region's Drop-off Sites

City of Maryville Recycling
Rick Whaley
332 Home Ave.
Maryville, TN 37801
423-981-3301

The drop-off program accepts household:
Plastic Bottles and Jugs, No. 1 & 2 only
Clear, Green, or Brown Food/ Beverage Glass
Clean Newspaper
Steel Can
Aluminum Cans

Chapter 5
Recycling continued

5.4 Maryville Recycling Drop-off Center
1004 East Lamar Alexander Pkwy.
Maryville, TN 37804
423-981-3301

Maryville Recycling Drop-off Center
2135 East Broadway
Maryville, TN 37804
423-981-3301

Maryville Recycling Drop-off Center
707 Best St.
Maryville, TN 37801
423-981-3301

City of Alcoa Recycling

Kenny Wiggins
441 N. Hall Rd.
Alcoa, TN 37701
423-981-4187

The curbside program accepts household:
Plastic Bottles and Jugs, No. 1 & 2 only
Clear, Green, or Brown Food/ Beverage Glass
Clean Newspaper
Steel Cans
Aluminum Cans

The drop-off program accepts household:
Plastic Bottles and Jugs, No. 1 & 2 only
Clear, Green, or Brown Food/ Beverage Glass
Clean Newspaper

Alcoa Recycling Drop-off Center
1050 Springbrook Rd.
Alcoa, TN 37701
423-981-4143

Chapter 5
Recycling continued

- 5.4** Alcoa/Maryville/Blount County Landfill Recycling Drop-off Center
 Sam Holloway
 240 Long Powers Road
 Friendsville, TN 37737
 423-995-2998

End Chapter 5

Chapter 6 Disposal

6.1 There is currently one Landfill Facility in the Blount County Solid Waste Region.

Name: Alcoa/Maryville/Blount County Landfill
Owners: Blount County, City of Alcoa, City of Maryville
Operator: City of Alcoa (Interlocal Contract Agreement)
Contact: Sam Holloway
Phone: 423-995-2998
Address: 240 Long Powers Road, Friendsville, TN 37737
County: Blount

Classification and Permit Numbers:

Class I - Permit Number: SNL 05-103-0105
Class III/IV - Permit Number: DML 05-103-30091
Used Oil Management Program - Permit Number: SWP-05-103-7-006
Convenience Center - Permit Number: CCC-05-103-0309
Metal & Freon Recovery Program and Air-Curtain Destructor Operation -
Permit Number: SWP 05-103-1188

Jurisdictions Served:

Blount County, City of Maryville, City of Alcoa, City of Louisville,
City of Friendsville, City of Townsend, City of Rockford

Tipping Fee: \$24.00 per ton

Special Tipping Fee: None

Materials Accepted:

Municipal Solid Waste, Non-Hazardous Industrial Waste, Waste Wood, Waste
Pallets, Yard Waste, Construction / Demolition Material, Waste Tires,
Used Motor Oil, Appliances, Freon Recovery

Material Limits: None

Energy Production: None

Transfer Stations: None

Chapter 6
Disposal continued

6.2 Class I Waste Exported

Exported to: County/Region/State	Exported to: Facility Name and Owner	Estimated Tonnage Exported from Region to Class I Landfills
Anderson County Anderson County Solid Waste Region Tennessee	Chestnut Ridge Landfill Waste Management, Inc.	600 - 800

Class I Waste Imported

Imported from: County/Region/State	Imported to: Facility Name and Owner	Estimated Tonnage of Class I Waste Disposed in Facility
Monroe County Monroe County Solid Waste Region Tennessee	Alcoa/Maryville/Blount County Landfill Blount County, City of Alcoa, City of Maryville	25 - 50

- 6.3** The Blount County Solid Waste Region Landfill's Class I cell areas and Class III/IV cell areas each have a life expectancy of 25 - 30 years from the year 1998 based on annual tonnage currently received at the facility.

According to the facility's records, the annual tonnage has actually decreased over the past few years. The reduction in the amount of waste placed in the Class I Landfill is most probably due to the efforts the Region has put forth in implementing reduction programs, public education programs, waste segregation programs, and the source reduction programs of industry and businesses located within the Region.

See **Appendix H.** for data from the previous four years

Chapter 6
Disposal continued

- 6.3** It appears efficient disposal is assured at a reasonable price for the ten-year planning period, especially when comparing the Region's current tipping fee (\$24 per ton) with other solid waste regions in the state. The current tipping provides a positive fund balance each year that appears to be sufficient to finance future cell construction projects, closure projects, post-closure maintenance, and expected operational cost increases. The region's current rate is not expected to significantly increase any, if at all, over the next few years unless dramatic unforeseen events occur.

At this time the Region is not considering any significant waste disposal changes, or increase in disposal options or requirements to the Region's Ten-year Solid Waste Plan. If the Region determines that additional disposal options or public services are needed, then the tipping fee would have to be increased in order to fund the additional options or services.

The Region is aware that amendments made to the Solid Waste Management Act of 1991 that place additional unfunded mandates or expensive solid waste management policies or regulations on solid waste regions can, and will, significantly affect solid waste economics of a region.

- 6.4** The landfill facility listed in this chapter has planned capacity assurance longer than twenty years.
- 6.5** The Region's publicly held Landfill accounts for all financial activities through an Enterprise Fund, as required by state statute.

End Chapter 6

Chapter 7 Problem Wastes

- 7.1 For the past two years the handling, transport, and final disposal of household hazardous waste collected at the Region's Household Hazardous Waste Events has been provided by a state-hired private contractor. The Region arranged for designated collection days, and took advantage of the mobile collection units provided by the state. The Region provided an appropriate site, volunteers, traffic control, event safety, conducted participant surveys, and coordinated the event with the waste disposal contractor for any specific needs that may have been required to hold a successful event.

The Region has attempted each year to select a centralized site for the event that allows for minimum driving time for residents within the Region. The selected site requires convenient access by residents as well as sufficient open space for a collection working area, equipment, vehicles delivering household hazardous waste. Each year the Region has supplied a segregated disposal container for disposal of non-hazardous items, such as boxes and empty containers that held waste items.

Keep Blount Beautiful developed and distributed public education materials for the collection events. Public education and information about the events that Keep Blount Beautiful supplied included informational pamphlets, public notices, public service announcements, press releases, and banners for the event site. An important part of the collection day work plan that Keep Blount Beautiful coordinated was the identification of staffing and volunteer needs for the event.

- 7.2 There is no permanent household hazardous waste collection center located within the Blount County Solid Waste Region.
- 7.3 Nationally, the average participation rate is 1% - 2%, of the area's households. Blount County's rate of resident participation during the past two years' events resulted in an average participation rate of 1.145 % by the Region's households. The Region is pleased with the participating rate and feel the events are good for public education regarding sound solid waste management practices, as well as providing environmentally safe disposal for unusable household hazardous waste.

State personnel who worked with the Region's staff were supportive and provided any assistance requested. This support and guidance allowed the Region to conduct successful events over the past two years. The Region would prefer to conduct two household hazardous waste events per year, rather than only one, if funding is available.

Chapter 7
Problem Wastes continued

- 7.3 The Region might possibly examine a plan for a local household hazardous waste program if indicated through a Needs Analysis. The Region would prefer, and possibly require, funding for such a program from state or federal appropriations. State solid waste policies would have to be examined to determine the requirements and liabilities associated with a local household hazardous waste program. Research should be conducted in order to justify the advantages of a local program compared to the state's current household hazardous waste collection program, of which, the Region feels is a successful program. The possibility of a small quantity, temporary storage location, for local household hazardous waste might be feasible should state regulations allow such a program and a funding source is available.
- 7.4 The Region has available to local residents, and tire dealerships, a waste tire storage site, located at the Region's Landfill. The capacity of the site is approximately forty five thousand to fifty thousand tires. Annually, the Region generates approximately eighty thousand to ninety thousand waste tires that are deposited at the waste tire storage site for disposal.

Currently, the Region utilizes the state's waste tire program option that incorporates the use of state supplied shredder through a private contractor for the management of waste tires. The shredded waste tires are disposed of in the Region's Class III/IV Landfill. Shredding services are utilized about two times a year in order to effectively manage the volume of waste tires received.

The Region is currently actively pursuing a waste tire disposal option that would allow waste tires generated in the Region to be utilized in a Waste to Energy Process in the manufacture of portland cement. The Region has reached an agreement with a company in Knox County that would provide the Region with trailers for waste tire collection and transportation of the waste tires to be utilized in the company's manufacturing process.

Even before the recent passage of legislation that prohibits disposal of shredded waste tires in a landfill by the year 2002, the Region preferred to manage waste tires in a Waste to Energy Process, rather than shredding the tires and disposing them in the Region's Class III/IV Landfill.

Chapter 7
Problem Wastes continued

- 7.5 Even though the Region does prefer a Waste to Energy option in the management of waste tires, the Region has been satisfied with the collection efforts in the area, and the state's available waste tire program options. This particular Region's landfill capacity provides the Region the ability to dispose of the waste tires generated in the Region in a very economical and convenient manner. The option of shredding and placing the shredded tires in the Region's Class III/IV Landfill was a workable, viable option, even though the option is not supported environmentally or politically. Foreseeable changes include technological advancements in the near future that will allow economical, manageable, and successful Waste to Energy Programs to be available to the Region.

Legislation has been enacted that mandates waste to energy disposal methods for waste tires even though cost effective waste to energy technology may not be readily available to all solid waste regions. However, until the corporate business world has access to cost efficient waste to energy technology that is lucrative, the environmental advantages of high tech waste disposal will not preempt economic reality.

- 7.6 The Region has experienced some incidents of waste tire dumping. Keep Blount Beautiful, working with the Blount County Sheriff's Office and the Tennessee Department of Environment and Conservation, Division of Solid Waste Management, Knoxville Field Office, has addressed and sought remediation of the many of the problematic waste tire dumping areas that have been identified within the Region. Some sites were located in isolated rural areas, although some were, and still are, located behind, or adjacent to, small local businesses. Problem areas that still exist are being actively addressed as time and resources permit.
- 7.7 The Region has implemented its Solid Waste Plan and has adhered to the Solid Waste Management Act of 1991, meeting the requirements mandated for the proper disposal of problem wastes such as used automotive fluids and lead acid batteries. Within the Region are several locations that will accept automotive fluids and lead acid batteries. The Region's Landfill has a permitted program to accept used oil, along with several other businesses located within the Region. In addition, there are several auto parts stores and service stations that will accept lead acid batteries for recycling purposes.

See **Appendix F.** for a listing of sites available and types of problem waste accepted.

End Chapter 7

Chapter 8 Solid Waste Education

- 8.1 The primary organization responsible for the Region's Public Information and Education Plan is the Keep Blount Beautiful (KBB) organization. KBB is affiliated with the Keep American Beautiful system and engages in a large number of public education, clean-up, and information activities such as: Illegal dumps and roadside litter clean-ups, recycling, wastes reduction, household hazardous waste collection events, school education presentations and tours, and community beautification. Along with many of these programs, KBB develops and uses publications and other educational informational materials to target residents, businesses, students, and other specific groups in the community.

The Coordinator for the KBB is Ms. Sue Dawson. She does an excellent job conducting the Region's Education Program and her enthusiasm is apparent in every event and project she undertakes. The Region is very fortunate to have Ms. Dawson as the Education Coordinator for the Region her efforts are evident by the way that the Region has improved in community appearance, and the increase in residential knowledge of solid waste and recycling activities.

Listed below are some of the key activities conducted by Keep Blount Beautiful

- * Works with local schools to help establish recycling collection programs
- * Conducts an Industrial Waste Minimization and Wastewater Management Workshop
- * Organized and Conducted the Covered Loads = Clean Tennessee Roads Campaign
- * Sponsors Adopt-A-Mile and Adopt-A-Stream/River Clean-ups
- * Conducts Earth Circle Fair for elementary students
- * Coordinated the Big Orange Trash Bash, a Region-Wide Litter Clean-up Event
- * Generates a Recycling Directory
- * Coordinates Clean-up Days such as: Little River Clean-Up, River Rescue, and Neighborhood Clean Sweep, etc., and also works with volunteer groups to increase participation in each of these programs
- * Maintains a Litter Hotline, used to identify illegal dumping sites in the Region
- * Conducts Resident Participation Surveys at Recycling Drop-off Centers and the Region's Household Hazardous Waste Collection Event Surveys
- * Recruits volunteers to man the Household Hazardous Waste Collection Event
- * Coordinates Telephone Directory Recycling
- * Helps coordinate a Christmas Tree Mulching Event
- * Conducts Waste Education Activities for students in local school systems
- * Completes the Photometric Index to measure litter in the Region
- * Participates in special events, such as the Dogwood Arts Festival

Chapter 8
Waste Education Continued

8.1

- * Assists in coordinating America Recycles Day
 - * Presents BRAVO Awards to community businesses to encourage community beautification projects
- *** KBB and the Blount Count Sheriff's Department received a biannual award for the most outstanding Litter Grant Program in the state in 1999.

8.2 The Region does not have any outstanding needs in the area of Public Solid Waste Education due to the excellent programs and events that the KBB conducts and participates in on such a Region-wide scale, targeting the right groups with the right information. The Regional Solid Waste Board is aware of the number and success of the programs and events that are conducted and participated in by Ms. Dawson and her staff. The Region's Board is very complimentary of her performance in the area of education and information in the Region and approves of the financial support her organization receives from the Region.

The KBB has filed for the Region an Education Plan and has made use of the Community Assistance's Pathways to Education book.

End Chapter 8

Chapter 9 Flow Control and Permit Review

- 9.1** The Region does not make any attempt to control the flow of waste generated within the Region. The Region does however, choose not to accept any known flow of waste that is generated outside the Region. The Region desires to preserve the Region's Landfill capacity for waste generated inside the Region and provide disposal assurance capacity to the Region that will meet the long term solid waste disposal requirements of the residents within the Region.

The Region further feels that it has the responsibility to provide the residents of the Region with the most effective and cost efficient waste disposal system possible at a reasonable price.

- 9.2** The Regional Board reviews any plans for new solid waste disposal or incineration facilities to determine whether the proposed facility is consistent with the Region's Ten-year Solid Waste Plan.
-

Chapter 10
Five-Year Plan Update Review

- 10.1** A public hearing was held on September 2, 1999 at 6:00 p.m. at the City of Maryville Municipal Auditorium, 404 Broadway, Maryville, TN. The site of the public hearing is a central location within the Region. The City of Maryville holds its City Commission at this location, as well as the Blount County Solid Waste Authority. The public hearing was open to the general public. There was little public participation, with only two residents attending. There were no controversies or issues with the public, the local governmental bodies, or the Region's Solid Waste Board, regarding the Five-Year Update/Revision. The hearing was publicized in The Daily Times, during the last week of August 1999. A copy of the notice is attached to the end of Chapter 10.
- 10.2** The Blount County Planning Commission has been provided a copy of the Blount County Solid Waste Region's Five-Year Update/Revision.
- 10.3** The resolution from Blount County Government approving the Blount County Solid Waste Region's Five-Year Update/Revision is attached to the end of Chapter 10. A copy of the signed resolution will be forwarded to TDEC/Div. Community Assistance as soon as it is available.
-

215 Legals

NOTICE OF PUBLIC HEARING
There will be a public hearing September 2, 1999 at 6:00 p.m. in the City of Maryville Municipal Auditorium regarding the five-year revision and update of the Blount County Solid Waste Region ten year solid waste plan.

Aug. 31, Sept. 1, 1999



ON THE AGENDA

AREA PUBLIC MEETINGS

Call the Newsroom at **981-1140** to list public meetings in ON THE AGENDA.

Townsend

PLANNING COMMISSION AND BUILDING INSPECTORS: Meeting on Black Mash Hollow and Heritage Park building plans at 9 a.m. Friday at city hall.

Blount County

SOLID WASTE AUTHORITY: A public hearing on the five-year revision of the 10-year solid waste plan. Update will be held at 6 p.m. Thursday at the Maryville Municipal Building. The authority will then meet at 7 p.m. Thursday.

BUDGET COMMITTEE: Will meet at noon Thursday in the Blount County Executive office.

Rockford

CITY COMMISSION: Will meet at 7 p.m. Thursday at city hall.

RESOLUTION**RESOLUTION NO. _____****Resolution Sponsored by Commissioners _____****A Resolution Adopting A Five Year Revision And Update To
The Solid Waste Region, In Accordance With The Tennessee
Solid Waste Management Act Of 1991.**

WHEREAS, the proper management of solid waste is an important issue affecting the health and welfare of current and future residents of Blount County; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 ("the Act") mandates the establishment of "solid waste regions" throughout the state; and

WHEREAS, each solid waste region is required to prepare a five year revised solid waste management plan in accordance with the Act; and

WHEREAS, the Blount County Commission has previously established a Solid Waste Study committee, and approved its evolution into the Blount County Solid Waste Authority, in order to ensure Blount County's compliance with the requirements of the Act; and

WHEREAS, the Blount County Solid Waste Authority has prepared and adopted a five year revision and updated solid waste management plan for the Blount County Solid Waste Region, has held public hearing on the plan, and recommends its adoption by Blount County, Alcoa, and Maryville.

NOW, THEREFORE, BE IT RESOLVED BY THE BLOUNT COUNTY COMMISSION as follows:

Section 1. Blount County hereby adopts the Blount County Solid Waste Five Year Revision/Update Management Plan, dated September 1, 1999.

Section 2. Blount County authorizes the submission of the Blount County Solid Waste Five Year Revision/Update Management Plan to the Tennessee Department of Environment and Conservation and endorses the subsequent approval of the same as the solid waste planning document of the Blount County Solid Waste Region.

Section 3. Blount County will continue to cooperate and work with the Blount County Solid Waste Authority, Alcoa, and Maryville, in order to implement the Blount County Solid Waste Management Plan, thereby satisfying the requirements set forth in the Act of 1991.

Adopted this 16th day of September, 1999.

Approved:

Steve Samples, Chairman

William A. Crisp, County Executive

ATTEST:

Roy Crawford, Jr.
County Clerk

Date

Appendix: Essential Regional Documents and Information

- A.1.** The Regional Board list and information was previously requested in Chapter 2 and is reported in Chapter 2. Identification of the Chairman of the Board also found in Chapter 2. ✓
- A.2.** Attached to this appendix are copies of the Region's formation resolutions.
- A.3.** A Part 9 Authority was not formed in the Region. However, an advisory board was formed from the Region's Solid Waste Planning Board. This list and information is reported in Chapter 2.
- A.4.** A proposed budget was previously requested in Chapter 2 and is reported in Chapter 2. ✓
-

RESOLUTION 1453

JOINT RESOLUTION OF CITY OF ALCOA, CITY OF MARYVILLE AND BLOUNT COUNTY DESIGNATING THE BLOUNT COUNTY SOLID WASTE PLAN - STUDY COMMITTEE AS THE BLOUNT COUNTY SOLID WASTE AUTHORITY.

THAT WHEREAS, there is presently in existence the Blount County Solid Waste Plan - Study Committee which was created by the Blount County Legislative Body by Resolution adopted April 1991, which Committee was established to study, plan and make recommendations relative to solid waste disposal; and

WHEREAS, the Legislature of the State of Tennessee has passed legislation entitled the Solid Waste Management Act of 1991; and

WHEREAS, said legislation provides for the creation of a Solid Waste Authority; and

WHEREAS, said legislation further provides "any county that has a Solid Waste Authority upon the effective date of this Act may designate such Authority as the board to administer the activities of the region if such county chooses to be a region unto itself"; and

WHEREAS, it would be in the best interest of City of Alcoa, City of Maryville and Blount County to be able to exercise this option should City of Alcoa, City of Maryville and Blount County choose to do so in the future.

NOW THEREFORE, BE IT RESOLVED by the City of Alcoa, City of Maryville and Blount County as follows:

1. The Blount County Solid Waste Plan - Study Committee is hereby designated as the Blount County Solid Waste Authority.

2. The powers, duties, obligations, responsibilities and future make-up of the Blount County Solid Waste Authority is hereby reserved to City of Alcoa, City of Maryville and Blount County until such time as a future study and planning can be completed by the three governmental entities.

3. At such time when the three governmental entities have all had an opportunity to study the Solid Waste Management Act of 1991, the three governmental entities shall by Concurrent Resolution or other contractual documentation, empower the Blount County Solid Waste Authority with such powers, duties, obligations and responsibilities as shall be agreed upon by all of the three governmental entities.

Adopted this 27th day of June, 1991.

CITY OF ALCOA

BY: *J. H. R. M. W.*
Mayor

ATTEST:

Rah E. Richardson
City Recorder

APPROVED AS TO FORM:

[Signature]
City Attorney

CITY OF MARYVILLE

BY: Stanley D. Smith
Mayor

ATTEST:

Mark L. [Signature]
City Recorder

APPROVED AS TO FORM:

R. D. [Signature]
City Attorney

BLOUNT COUNTY

BY: Charles J. [Signature]
County Executive

ATTEST:

R. [Signature]
County Clerk

APPROVED AS TO FORM:

Kith [Signature]
County Attorney

**A JOINT RESOLUTION ESTABLISHING A MUNICIPAL
SOLID WASTE REGION FOR AND BY
BLOUNT COUNTY, THE CITY OF MARYVILLE AND THE CITY OF ALCOA**

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 costs that will be imposed by the new landfill regulations, help protect the environment, 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. 68-211-813, the nine development districts in the State of Tennessee have each completed a district needs assessment which provide inventories of the solid waste systems in Tennessee; and

WHEREAS, the Board of Commissioners of Blount County, the Council of the City of Maryville, and the Board of Commissioners of the City of Alcoa have given consideration to the needs assessment prepared by the East 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 State of Tennessee will provide grant monies of varying amounts to assist these regions in developing their municipal solid waste region plans; and

WHEREAS, the primary and prevailing purpose of the municipal solid waste regions is the preparation of municipal solid waste regional plans, which among other requirements must identify how each region will reduce its solid waste disposal per capita by twenty-five percent (25%) by December 31, 1995 and assure capacity of 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 efficient management of

municipal solid waste is in the best interest of the citizens of Blount County, the City of Maryville, and the City of Alcoa.

WHEREAS, the Board of Commissioners of Blount County, the Council of the City of Maryville, and the Board of Commissioners of the City of Alcoa designated the Blount County Solid Waste Authority on June 27, 1991 to administer solid waste activities within the County; and

WHEREAS, the powers, duties, obligations, and responsibilities of the Blount County Solid Waste Authority have been reserved to Blount County, the City of Maryville, and the City of Alcoa; and

WHEREAS, the membership of the Blount County Solid Waste Authority is composed of three (3) representatives of Blount County, two (2) representatives from the City of Alcoa, two (2) representatives of the City of Maryville, two (2) citizens, one (1) transporter representative, and one (1) industrial representative; and

WHEREAS, the membership of the Blount County Solid Waste Authority is consistent with the requirements of T.C.A. 68-211-813 (b) (1).

NOW, THEREFORE BE IT RESOLVED, by the Board of Commissioners of Blount County, the Council of the City of Maryville, and the Board of Commissioners of the City of Alcoa, acting pursuant to T.C.A. 68-211-813 et. seq., that there is hereby established a Municipal Solid Waste Region for and by Blount County, the City of Maryville, and the City of Alcoa, Tennessee; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. 68-211-801 et. seq., that the Board of Commissioners of Blount County, the Council of the City of Maryville, and the Board of Commissioners of the City of Alcoa find and determine that Blount County shall be and shall constitute a single county municipal solid waste region, as stated in the needs assessment prepared by the East Tennessee Development District; and

BE IT FURTHER RESOLVED, that Blount County, the City of Maryville, and the City of Alcoa, designate the Blount County Solid Waste Authority to administer the activities of the 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 the Blount County Solid Waste Authority shall serve as the Municipal Solid Waste Region Board and be composed of eleven (11) members; and

BE IT FURTHER RESOLVED, that the Authority shall establish initial terms for the membership of the Board in which four (4) members shall have a two (2) year term, four (4) members shall have

a four (4) year term, and three (3) members shall have a six (6) year term, and that the officers selected by the Authority shall also serve as the officers of the Board; and

BE IT FURTHER RESOLVED, that the Authority shall have all powers and duties as granted it by T.C.A. 68-211-813 et. seq., and in addition, in the performance of its duty to produce a municipal solid waste region plan, it shall be empowered to utilize existing personnel of Blount County, the City of Maryville, and the City of Alcoa, to employ or contract with persons, private consulting firms, and/or governmental, quasi-governmental, and public entities and agencies to utilize services, facilities, and records of Blount County, the City of Maryville, and the City of Alcoa in completing this task; and

BE IT FURTHER RESOLVED that the Authority shall cause the establishment of a municipal solid waste advisory committee whose membership shall be chosen by the Authority and whose duties are to assist and advise the Authority; and

BE IT FURTHER RESOLVED, that the Authority, acting through Blount County, the City of Maryville, and the City of Alcoa and in furtherance of its duty to produce a municipal solid waste regional plan, is authorized to apply for and receive funds from the State of Tennessee, the federal government, Blount County, the City of Maryville, the City of Alcoa, and donations and grants from private corporations and foundations; and

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

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

Duly passed and approved this 19th day of October, 1992.

COUNTY OF BLOUNT

By: William A. Crisp
County Executive

Approved as to form:
Norman H. [Signature]
County Attorney

Attest: [Signature]
County Clerk

Duly passed and approved this 3rd day of November, 1992.

CITY OF MARYVILLE

By:

Stanley Shultz

Mayor

Approved as to form:

Bob D. [Signature]
City Attorney

Attest:

Deborah P. [Signature]
Act. City Recorder

Duly passed and approved this 27th day of October, 1992.

CITY OF ALCOA

By:

John S. [Signature]
VICE Mayor

Approved as to form:

[Signature]
City Attorney

Attest:

Ray E. [Signature]
City Recorder

RESOLUTION NO. 1540

RESOLUTION OF THE MAYOR AND COMMISSIONERS OF
THE CITY OF ALCOA, TENNESSEE ENDORSING THE
SUBMISSION OF THE JANUARY 1994 BLOUNT COUNTY
SOLID WASTE MANAGEMENT PLAN TO THE TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

WHEREAS, the City of Alcoa, Tennessee (hereinafter referred to as "Alcoa") operates a solid waste collection system for the use and benefit of its citizens, businesses, institutions, and industries; and

WHEREAS, Alcoa, under contract with the City of Maryville, Tennessee (hereinafter referred to as "Maryville") and the County of Blount (hereinafter referred to as "Blount County"), operates the Alcoa/Maryville/Blount County Sanitary Landfill for the use and benefit of the citizens, businesses, institutions, and industries of Alcoa, Maryville, and Blount County; and

WHEREAS, the proper management of solid waste is an issue most critical to the health and welfare of current and future generations of Alcoa, Maryville, and Blount County; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 (hereinafter referred to as the "Act") was enacted by the Tennessee Legislature requiring the comprehensive management of solid waste by designated Solid Waste Regions within Tennessee; and

WHEREAS, the governing bodies of Alcoa, Maryville, and Blount County have executed an agreement identifying themselves as a single county Solid Waste Region; and

WHEREAS, the Blount County Solid Waste Authority (hereinafter referred to as the "Authority") was formed jointly by Alcoa, Maryville, and Blount County and was charged with the administration of solid waste programs in Blount County; and

WHEREAS, the Authority has developed the Blount County Solid Waste Management Plan for the purpose of outlining methods and options with which Alcoa, Maryville, and Blount County may fulfill requirements of the Act.

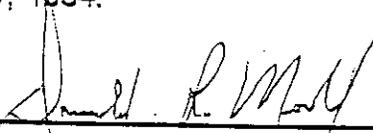
NOW, THEREFORE, BE IT RESOLVED BY THE ALCOA BOARD OF COMMISSIONERS as follows:

SECTION 1. Alcoa hereby approves the Blount County Solid Waste Management Plan, dated January 1994, and encourages and supports the endorsements of the Plan by Maryville and Blount County.

SECTION 2. Alcoa endorses the submission of the Blount County Solid Waste Management Plan to the Tennessee Department of Environment and Conservation and subsequent approval of the same as the solid waste planning document of the Blount County Solid Waste Region.

SECTION 3. Alcoa will commit its available resources toward the achievement of the requirements set forth in the Act and the goals established in the Blount County Solid Waste Management Plan.

ADOPTED this 11th day of January, 1994.



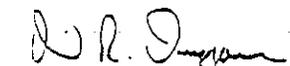
Mayor

ATTEST:



City Recorder

APPROVED AS TO FORM:



City Attorney

RESOLUTION NO. 94-04

A RESOLUTION APPROVING AND ENDORSING THE SUBMISSION OF THE JANUARY 1994 BLOUNT COUNTY SOLID WASTE MANAGEMENT PLAN TO THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION.

* * * * *

WHEREAS, the City of Maryville operates a solid waste collection system for the use and benefit of its citizens, businesses institutions, and industries; and

WHEREAS, the City of Alcoa, under contract with the City of Maryville and the County of Blount operates the Alcoa/Maryville/Blount County Sanitary Landfill for the use and benefit of the citizens, businesses, institutions, and industries of Alcoa, Maryville and Blount County; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 was enacted by the Tennessee Legislature requiring the comprehensive management of solid waste by designated Solid Waste Regions within Tennessee; and

WHEREAS, the governing bodies of Maryville, Alcoa and Blount County have executed an agreement identifying themselves as a single county Solid Waste Region; and

WHEREAS, the Blount County Solid Waste Authority was formed jointly by Maryville, Alcoa and Blount County and was charged with the administration of solid waste programs in Blount County; and

WHEREAS, the Authority has developed the Blount County Solid Waste Management Plan for the purpose of outlining methods and options with which Maryville, Alcoa and Blount County may fulfill requirements of the Act.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MARYVILLE as follows:

SECTION 1. That the City of Maryville hereby approves the Blount County Solid Waste Management Plan, dated 1994.

SECTION 2. That the City of Maryville endorses the submission of the Blount County Solid Waste Management Plan to the Tennessee Department of Environment and Conservation with the request that the same be approved as the solid waste planning document of the Blount County Solid Waste Region.

SECTION 3. That the City of Maryville will commit its available resources toward the achievement of the requirements set forth in the Act and the goals established in the Blount County Solid Waste Management Plan

BLOUNT COUNTY PLANNING COMMISSION
REGULAR SESSION
THURSDAY, JANUARY 27, 1994
5:30 P.M.

The Blount County Planning Commission met in regular session at the Courthouse on Thursday, January 27, 1994. Staff was represented by John Jagger, Director of Planning, and Beverly Collins, Assistant Planner.

Commissioners Present: Chairman Gene Brown, J.C. Franklin, Mike Garner, Leroy Huff, Fred Metz, Clara McNutt, Cinda Reed, and Mike Ross. Commissioners Absent: Stanley Headrick, Sam Lambert, and Bill Proffitt.

The minutes of the December 9, 1993 meeting were approved. These were distributed by mail to commissioners prior to the meeting.

Election of Officers - The first order of business was the election of officers for 1994. J. C. Franklin moved to retain Gene Brown as chairman and secretary of the commission by acclamation. Cinda Reed seconded the motion which was approved unanimously. Mr. Franklin nominated Stanley Headrick to continue as vice-chairman and to accept the nomination by acclamation. Leroy Huff seconded the nomination. Approval was unanimous.

Request for Preliminary Plat Approval- The Goddard Property: The Goddard property is located at the end of Gravelly Hills Road and extends to Fort Loudon Lake. The preliminary plat shows 47 lots on 23 acres and a remainder tract for future development. It was noted that the recent bad weather had kept the surveyor from preparing the topographic map and road profiles for the meeting.

Mr. Jagger reported that his review had focused mainly on the proposed road layout. As shown, the number of lots on a cul-de-sac would exceed the Commission's standard of forty. Although the limited frontage on Gravelly Hills Road precludes a full loop system, a boulevard entrance for approximately 300-400 ft. with a second stubbed R.O.W. into the remainder tract could achieve the same basic result. Such a road design would allow for future extension onto adjoining property owned by a relative of Mr. Goddard. Mr. Rick Everett reported that Mr. Goddard was receptive to this idea. It was also noted that the developer was considering the possibility of a community water system as opposed to reliance upon individual wells for each lot. Finally, it was stated that some of the lakefront lots might need to be enlarged to offset the effect of TVA's flowage easement and the Health Department's regulations.

RESOLUTION

A Resolution Adopting a Solid Waste Management Plan for the Blount County Solid Waste Region, in Accordance with the Tennessee Solid Waste Management Act of 1991.

Sponsors: Franklin and Ramsey

WHEREAS, the proper management of solid waste is an important issue affecting the health and welfare of current and future residents of Blount County; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 ("the Act") mandates the establishment of "solid waste regions" throughout the state; and

WHEREAS, each solid waste region is required to prepare a solid waste management plan in accordance with the Act; and

WHEREAS, the Blount County Commission has previously established a Solid Waste Study Committee, and approved its evolution into the Blount County Solid Waste Authority, in order to ensure Blount County's compliance with the requirements of the Act; and

WHEREAS, the Blount County Solid Waste Authority has prepared and adopted a solid waste management plan for the Blount County Solid Waste Region, has held a public hearing on the plan, and recommends its adoption by Blount County, Alcoa and Maryville.

NOW, THEREFORE, BE IT RESOLVED BY THE BLOUNT COUNTY COMMISSION as follows:

SECTION 1. Blount County hereby adopts the Blount County Solid Waste Management Plan, dated January 1994.

SECTION 2. Blount County authorizes the submission of the Blount County Solid Waste Management Plan to the Tennessee Department of Environment and Conservation and endorses the subsequent approval of the same as the solid waste planning document of the Blount County Solid Waste Region.

SECTION 3. Blount County will continue to cooperate and work with the Blount County Solid Waste Authority, Alcoa, and Maryville in order to implement the Blount County Solid Waste Management Plan, thereby satisfying the requirements set forth in the Act of 1991.

ADOPTED this 18th day of April, 1994.

James Kyker
James Kyker, Chairman

Approved:

William A. Crisp
William A. Crisp
County Executive

ATTEST:
Roy Crawford, Jr.
Roy Crawford, Jr.
County Court Clerk

April 18, 1994
Date

RESOLUTION NO. 94-1

RESOLUTION OF THE BLOUNT COUNTY SOLID WASTE
AUTHORITY OF BLOUNT COUNTY, TENNESSEE
ENDORING THE SUBMISSION OF THE JANUARY 1994
BLOUNT COUNTY SOLID WASTE MANAGEMENT PLAN TO
THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND
CONSERVATION

WHEREAS, the proper management of solid waste is an issue most critical to the health and welfare of current and future generations of Alcoa, Maryville, and Blount County, Tennessee; and

WHEREAS, the Tennessee Solid Waste Management Act of 1991 (hereinafter referred to as the "Act") was enacted by the Tennessee Legislature requiring the comprehensive management of solid waste by designated Solid Waste Regions within Tennessee; and

WHEREAS, the governing bodies of Alcoa, Maryville, and Blount County have executed an agreement identifying themselves as a single county Solid Waste Region; and

WHEREAS, the Blount County Solid Waste Authority (hereinafter referred to as the "Authority") was formed jointly by Alcoa, Maryville, and Blount County and was charged with the administration of solid waste programs in Blount County;

WHEREAS, the Authority has developed the Blount County Solid Waste Management Plan (hereinafter referred to as the "Plan") for the purpose of outlining methods and options with which Alcoa, Maryville, and Blount County may fulfill requirements of the Act; and

WHEREAS, the Plan has been approved and endorsed by the Alcoa City Commission, the Maryville City Council, and the Blount County Commission.

NOW, THEREFORE, BE IT RESOLVED BY THE AUTHORITY as follows:

SECTION 1. The Authority hereby approves the Blount County Solid Waste Management Plan, dated January 1994.

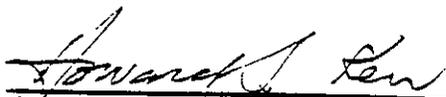
SECTION 2. The Authority endorses the submission of the Blount County Solid Waste Management Plan to the Tennessee Department of Environment and Conservation and subsequent approval of the same as the solid waste planning document of the Blount County Solid Waste Region.

SECTION 3. The Authority will commit its available resources toward the achievement of the requirements set forth in the Act and the goals established in the Blount County Solid Waste Management Plan.

ADOPTED this 2nd day of May, 1994.


Chairman, Blount County Solid Waste Authority

ATTEST:


Secretary, Blount County Solid Waste Authority

Bob Ramsey - Chairman
Roger Campbell
John Jagger
Don Mull
Ken Bell
Carl Walker

BLOUNT COUNTY SOLID WASTE AUTHORITY

Bill Crisp - Blount County Executive
Don Mull - Alcoa Mayor
Stanley Shields - Maryville Mayor

240 LONG POWERS ROAD, FRIENDSVILLE, TENNESSEE 37737

Ph. (423) 995-2998 FAX (423) 995-2999

MEMBERSHIP AND TERM LIMITS OF THE BLOUNT COUNTY SOLID WASTE AUTHORITY

Revised 7/1/98

Members appointed by the Blount County Executive

Name	Length of Term	Date Term Began	Date Term Ends
J. C. Franklin	6 years	January 1, 1998	January 1, 2004
John Jagger	6 years	January 1, 1994	January 1, 2000
Howard Kerr	6 years	January 1, 1996	January 1, 2002
Cinda Reed	6 years	January 1, 1994	January 1, 2000
Bob Ramsey	6 years	January 1, 1996	January 1, 2002
Carl Walker	6 years	January 1, 1996	January 1, 2002
Craig West	6 years	January 1, 1998	January 1, 2004

Members appointed by the City of Alcoa

Greg McClain	6 years	January 1, 1998	January 1, 2004
C. L. Overman	6 years	January 1, 1994	January 1, 2000

Members appointed by the City of Maryville

Ken Bell	6 years	August 1, 1995	January 1, 2002
Roger Campbell	6 years	January 1, 1998	January 1, 2004

BY-LAWS OF THE
BLOUNT COUNTY SOLID WASTE AUTHORITY

(April 3, 1996)

These By-laws govern the function and operation
of the Blount County Solid Waste Authority.

ARTICLE I - NAME AND LOCATION

Section 1 - Name. The name of the organization is the Blount County Solid Waste Authority, hereinafter referred to as the "Authority". Its principal office be located in Blount County, Tennessee.

ARTICLE II - PURPOSE

Section 1 - Purpose. The general purpose of these By-laws is to establish the organizational structure and rules of procedure of the Authority in compliance with T.C.A. 68-211-813.

ARTICLE III - DUTIES

Section 1 - Principal Duties. The principal duties of the Authority shall be those duties prescribed by Tennessee statute and other duties as may from time to time be provided by the ordinances adopted pursuant to such statutes, and shall include, but not be limited to the following:

- A. Adopt bylaws for the regulation of its affairs and the conduct of its business..
- B. Implementing, reviewing, and updating (as required) the Region's adopted comprehensive solid waste management plan (hereinafter referred to as the "Plan") in accordance with The Solid Waste Management Act of 1991.
- C. Maintain a principal office within its territory.

ARTICLE IV - MEMBERSHIP

Section 1 - Member. The Solid Waste Authority shall consist of eleven (11) voting members as specified in Joint Resolution 1453 enacted on the 27th day of June, 1991. The membership of this Authority shall be consistent with the requirements of T.C.A. 68-211-813 and is composed of three (3) representatives of Blount County, two (2) representatives from the City of Alcoa, two (2) representatives from the City of Maryville, two (2) citizens, one (1) transporter representative, and one (1) industrial representative. Each county and municipality that is a member of an authority shall be represented by at least one (1) member on the board. The members of the board shall be appointed by the county executive and municipal mayor of the participating counties and municipalities, respectively, whose appointments must be approved by the respective county or municipal governing bodies.

Section 2 - Voting. Each voting member duly appointed to the Authority shall have one equal vote on all matters presented to the Authority at regular or special meetings. The vote may cast only by the member. Any proxy votes or absentee votes will be in written form.

A majority vote of a duly constituted quorum of the Authority shall suffice to decide any matter before the Authority other than amendments to the By-laws.

Section 3 - Resignation/Vacancy. Should any member resign or discontinue his/her representative role during term, then such vacancy shall be promptly filled by a replacement designated by the authority having appointment power as specified in the Article IV - Section 1 above.

ARTICLE IV - OFFICERS

Section 1 - Officers. Authority officers shall consist of a Chairman and Vice Chairman. Officers shall be elected by ballot during the December meeting on a bi-annual basis by the Authority.

Section 2 - Duties of the Chairman. The Chairman shall preside at all meetings of the Authority and have the duties normally conferred by parliamentary usage on such office. The Chairman shall have the authority to appoint sub-committees with the advice and consent of the voting members of the Authority. The Chairman may call special meetings. The Chairman may also sign all correspondence and other instruments articulating official policy of the Authority when approved by the Authority. At meetings, the Chairman shall submit such recommendations and information as he or she may consider proper concerning the business affairs and policies of the organization. The Chairman shall also generally perform other duties as may be prescribed by these by-laws.

Section 3 - Duties of the Vice Chairman. In the absence of the Chairman or in the event of his or her inability to act, the Vice Chairman shall perform the duties of the Chairman and when so acting, shall have all the powers of, and be subject to, all the restrictions upon the Chairman. The Vice Chairman shall perform such other duties as from time to time may be assigned to him or her by the Chairman or by the Authority.

ARTICLE V - ADMINISTRATIVE STAFF

Section 1 - Administrative Staff. The Solid Waste Manager shall be charged with the supervision and management of the Authority's affairs. The Solid Waste Manager shall serve as the administrative officer for the Authority and shall administer all of the Authority's functions.

ARTICLE VI - MEETINGS

Section 1 - Regular Meetings. The Authority shall meet quarterly on the first Wednesday of January, April, July, and October. Nothing herein shall preclude the Authority from meeting as often as the need arises. Meetings shall be held in compliance with the Public Open Meetings Act.

Section 2 - Special Meetings. Special meetings of the Committee may be called by the Chairman of the Authority or by written request to the Chairman by at least five (5) members of the Authority, when the need arises. The Chairman shall notify each member in advance of the time, place and purpose of the Special meeting. He or she should attempt to provide such notification a week in advance of Special Meeting dates but shall provide at least forty eight (48) hours notice unless seven (7) members of the Authority agree to waive said requirement but not less than 24 hours notice.

Section 3 - Quorum. A majority of those voting members shall constitute a quorum for the transaction of Authority business.

Whenever a quorum is not present at a regular or special meeting, those present may adjourn the meeting to another day or hold the meeting for the purpose of considering such matters as are on the agenda; however, no binding action shall be taken.

Section 4 - Order of Business. Unless otherwise determined by the Chairman, the order of business for regular meetings of the Authority shall be as follows:

- A. Call to Order
- B. Action on Minutes
- C. Receiving Reports from staff and/or subcommittees
- D. Old Business
- E. New Business
- F. Adjournment

Section 5 - Conduct of Meetings. Any matter not covered by the By-laws shall be determined by the usual parliamentary rules in Robert's Rules of Order.

ARTICLE VII - SUBCOMMITTEES

Section 1 - Purpose. A subcommittee structure may be established so that more thought and time may be given to Authority matters by delegating review and investigative functions to a portion of its membership and/or other designers. The subcommittee shall not be operating bodies, but rather, reviewing and investigative bodies; subcommittee actions are not instructions to the Authority, but rather shall constitute suggestions or recommendations.

Section 2 - Subcommittees. The Authority may establish such standing or less permanent subcommittees as it may deem necessary to effectuate business. The Chairman shall appoint all

subcommittees and subcommittee chairman with the advice and consent of the voting members of the Authority. The duties of each subcommittee shall be those duties specified at the time the subcommittees are established and may be modified from time to time by the Chairman and the Authority.

Section 3 - Chairman as Subcommittee Member. The Chairman and Vice Chairman shall be ex-officio members of all subcommittees.

ARTICLE VIII - RULES OF PROCEDURES

Section 1 - Establishment of Rules. The Authority shall establish Rules of Procedure for the conduct of any necessary administrative hearings, appeals or other such duties as the need arises.

ARTICLE IX - AMENDMENTS

Section 1 - Amendments to By-Laws. These By-Laws may be amended by a majority vote of the membership of the Authority, only after the proposed change has been read and discussed at a previous regular meeting.

ARTICLE X - EFFECTIVE DATE

Section 1 - By-Laws Adoption. These By-Laws shall be adopted upon an affirmative vote of a majority of membership present and voting at a meeting duly called, a quorum as set forth in these By-Laws being present.

Section 2 - By-Laws Amendments. Any amendment to the By-Laws shall take effect on the date of the next regularly scheduled committee meeting after its approval by the Authority, unless the terms of the amendment otherwise provide.

The foregoing By-Laws are hereby adopted by the membership of the Blount County Solid Waste Authority on this the ____ day of _____, 1996.

Ayes:

Nays:

BOB RAMSEY
CHAIRMAN

ATTEST:

CARL WALKER
VICE CHAIRMAN

ALCOA-MARYVILLE-BLOUNT COUNTY LANDFILL
1998 CERTIFIED TONNAGE REPORT

LANDFILL	Jan-98	Feb-98	Mar-98	Apr-98	May-98	Jun-98	Jul-98	Aug-98	Sep-98	Oct-98	Nov-98	Dec-98	TOTAL
	BANTARY CLASS	3,291.29	4,648.00	3,219.17	3,782.73	3,493.06	3,800.77	3,891.99	3,632.31	5,123.96	4,748.97	4,682.30	3,292.37
SPECIAL CLASS	530.86	290.63	293.48	260.92	503.53	591.50	564.43	472.06	768.30	428.12	396.03	359.38	5,461.26
DEMOLITION CLASS III & IV	3,208.08	3,045.40	3,602.95	3,357.69	3,708.35	4,061.25	3,678.15	3,894.43	3,394.96	4,823.24	4,130.21	3,717.83	44,622.54
TOTAL WASTE RECEIVED AT THE LANDFILL	9,038.23	7,984.03	9,117.60	9,401.34	9,708.94	10,453.52	10,134.57	9,998.80	9,287.22	10,000.33	9,208.84	9,369.58	113,692.72
Waste that is recycled or used in the land fill	86.63	117.03	246.32	235.63	337.78	413.82	292.78	317.34	206.83	248.19	224.76	143.71	2,872.12
Waste that is buried in the land fill	9.46	7.78	13.63	14.72	7.76	11.00	11.36	12.08	20.29	15.33	14.36	12.33	150.32
Total Material Recycled from the Landfill	96.11	124.83	260.17	250.35	344.94	426.82	304.14	329.42	227.14	263.52	239.12	156.04	3,022.44
TOTAL WASTE BURIED AT THE LANDFILL	8,934.12	7,859.22	8,857.43	9,150.99	9,362.00	10,026.70	9,830.43	9,669.38	9,060.08	9,736.81	8,969.78	9,213.34	110,670.28
TOTAL DIVERTED TO THE CLASS III & IV LANDFILL	3,208.08	3,045.40	3,602.95	3,357.69	3,708.35	4,061.25	3,678.15	3,894.43	3,394.96	4,823.24	4,130.21	3,717.83	44,622.54
TOTAL WASTE BURIED AT THE CLASS I LANDFILL	5,726.04	4,813.82	5,254.48	5,793.30	5,653.65	5,965.45	6,152.28	5,774.95	5,665.12	4,913.57	4,839.57	5,495.51	66,047.74

City of Alcoa
Don Mall - Mayor
Don Mall

Blount County Solid Waste Transporters

B&B Garbage Service
Robert Edison
1220 Walker School Rd.
Maryville, TN 37803
(423-983-5388)

Blaine's Garbage Service
Joan Walker
2112 Jericho Rd.
Maryville, TN 37803
(423-983-7652)

Blount County Garbage Service
Margaret Tindell
2408 Cecilia Ave.
Maryville, TN 37804
(423-983-6513)

Bradburn Garbage Service
Dewy Bradburn
255 S. Longhollow Rd.
Maryville, TN 37801
(423-983-3263)

Calvin Young Service
Calvin Young
1942 Reagan Mill Rd.
Maryville, TN 37803
(423-856-6126)

Cooper's Garbage Service
Lloyd Cooper
2846 Mentor Rd.
Louisville, TN 37777
(423-681-1874)

C & W Garbage Service
Carl Walker
576 Foothills Plaza
Maryville, TN 37801

Hawn's Garbage Service

Dallas Hawn
2034 Six Mile Rd.
Maryville, TN 37803
(423-681-3727)

Heaton's Garbage Service

Wm Heaton
533 Chilhowee View
Maryville, TN 37803
(423-984-2670)

Holder Garbage Service

Don Holder
1716 Middle settlements Rd.
Maryville, TN 37801
(423-984-2886)

M & L Garbage Service

Martha Gribble
134 Hickory Corner
Maryville, TN 37804
(423-379-8860)

Phillips Garbage Service

James Phillips
P.O. Box 295
Friendsville, TN 37777
(423-983-5397)

Ray's Garbage Service

David Ray Vaughn
129 Jos Way
Maryville, TN 37803
(615-977-6828)

S & S Garbage Service

Houston Douglas
6918 Four Mile Rd.
Maryville, TN 37801
(423-856-6390)

Southeastern Garbage Service
Robert Martin
2946 Pembroke Place
Maryville, TN 37801
(423-982-0805)

Steve Henry's Garbage Service
Steve Henry
1929 Morganton Rd.
Maryville, TN 37801
(423-982-2462)

Teffeteller & Sons
Doug Teffeteller
1237 Vaughn Rd.
Maryville, TN 37803
(423-984-8684)

Tenn Trash Garbage
Glenn Thomas
P.O. Box 474
Louisville, TN 37777
(423-856-7444)

Townsend Garbage Service
Fred Garland
413 Lovers Lane
Townsend, TN 37882
(615-448-6336)

Walker's Garbage Service
Derrick Walker
1620 West Broadway
Suite 293
Maryville, TN 37801
(423-983-5542)

Yates Garbage Service
Leila Parker
2864 Parker Rd.
Louisville, TN 37777
(423-982-9139)

341 COURT STREET
MARYVILLE, TN 37804-5906
PHONE (423) 982-1302
FAX (423) 977-1276

BLOUNT COUNTY GOVERNMENT

WILLIAM A. CRISP
COUNTY EXECUTIVE



March 24, 1999

Mr. Ron Graham, Director
State of Tennessee
Department of Environment and Conservation
Division of Community Assistance
8th Floor, L & C Tower
401 Church Street
Nashville, TN 37243

Re: Blount County Collection Assurance

Dear Mr. Graham:

To the best of my knowledge, and according to the data and information provided to me from the Blount County Solid Waste Authority, the Blount County Solid Waste Region has collection assurance provided for its residents. Located within the Region are one registered convenience center, and one public Class I and Class III/IV Landfill accessible to the residents for disposal of waste materials. Seventeen local private haulers operate within the Region and provide curbside trash pick-up.

In addition, the two largest municipalities within the Region, the City of Maryville and the City of Alcoa, provide curbside trash pick-up to residents within their corporate limits. Most apartment complexes and condominiums in the Region provide trash disposal services to their tenants as well.

This letter is to certify that the Blount County Solid Waste Region is providing collection assurance to all residents located within the County, as set forth by the Solid Waste Management Act of 1991, and the Blount County Solid Waste Region Ten-Year Solid Waste Plan.

Sincerely,

Bill

William A. Crisp
Blount County Executive

AUTOMOTIVE PRODUCTS

MOTOR OIL

Oil should be in closed containers

City of Maryville
Operations Center
Home Avenue
Contact : Rick Whaley
981-3300

Broadway BP
2533 E. Broadway Ave
Maryville
977-8447
(no water in oil)

Broadway Washington Exxon Service Station
107 S. Washington
982-9735

Eddie Patty's Gulf
326 W Broadway
982-9840

Smoky Mt. BP Service Station
826 E. Lamar Alex. Hwy.
983-1831

Free Service Tire Company
311 S Calderwood
Alcoa
982-8630
hours: 7:30-6 M-F, 7:30-5 Sat
(no water or antifreeze in oil)

TIRES

off rim and free of water or dirt

Free Service Tire Company
311 S Calderwood
Alcoa
982-8630
7:30-6 M-F, 7:30-5 Sat

Sears Automotive Center
Foothills Mall
983-7324
Mon-Sat 8am-9pm, Sun 12 Noon-6pm

AUTOMOTIVE PRODUCTS

AUTO BATTERIES

Broadway Washington Exxon Service Station
107 S Washinton
982-9735

Free Service Tire Company
311 S Calderwood
Alcoa
982-8630
hours: 7:30-6 M-F, 7:30-5 Sat

Sears Automotive Center
Foothills Mall
\$7 toward purchase of new battery

Maryville Battery and Power Equipment Inc.
355 W Broadway Ave
Maryville
982-6903

Cable's Service Center
1200 N Wrights Ferry Rd.
Alcoa
977-4277
(trade in only)

Eddie Patty's Gulf
326 W Broadway
982-9840

Smoky Mt. BP Service Center
826 E. Lamar Alexander Hwy.
983-1931

City of Maryville
Operations Center
Home Avenue

East Tennessee Battery Company
443 W. Broadway
681-2811

ANTIFREEZE

Sears will remove, clean, and return antifreeze to customer's vehicle

BATTERIES, LAWN MOWER AND MARINE

Free Service Tire Company
311 S Calderwood
Alcoa
982-8630
7:30-6 M-F, 7:30-5 Sat

Sears Automotive Center
Foothills Mall
983-7324
Mon-Sat 8am-9pm, Sun 12 Noon - 6pm

Maryville Battery and Power Equipment Inc.
355 W Broadway Ave
Maryville
982-6903

Eddie Patty's Gulf
326 W Broadway
982-9840

METALS

SCRAP

aluminum windows (with glass removed) and doors, patio furniture
(with webbing removed) old farm machinery, ferrous scrap, cast
iron, brass, copper

Knox Metals Corporation
822 Richards
Knoxville
637-4353
7:30am-4pm M-F

The David J. Joseph Company
2420 Schofield
Knoxville
637-0683
7:30-3:30 M-F
heavy ferrous scrap only

METAL CANS

empty and rinse

City of Knoxville Drop-off Centers
Kroger Stores
4501 Asheville Highway
Fountain City
5425 Clinton Highway
Knox Plaza
Winn-Dixie
8526 Kingston Pike

APPLIANCES

Blount County Landfill
Long Powers Road
Friendsville

Southern Foundry Supply Inc
2826 N Central
Knoxville
524-2791
7:30-3:30 M-F
\$2.50/100 lbs
remove electric motors and capacitors

Leonard Fuller
981-9953
will pick up

BOOKS

TELEPHONE DIRECTORIES

South Central Bell collection annually during January.

for information:
Beautiful Blount
681-4809

Southeastern Directory collection annually during March.

for information:
Southeastern Directory
573-5757
code 3013

PAPERBACKS---Trade-ins, in good condition

Book Rack
407 W Broadway
Maryville
983-7323
hours: 9:30-5:30 M-Sat

Southland Books
1628 W. Broadway Ave.
Maryville
984-4887

CARDBOARD

Corrugated; does not include cereal and cracker boxes; flatten all boxes

The following businesses will pay for corrugated. The price varies according to the market. Price listed was as of 9/20/94.

Paper Stock Dealers
1111 Mitchell
Knoxville
524-0309
8-4:45 M-F
prices: \$2 per 100 lbs

Knoxville Recycled Fiber Company
410 Frazier
Knoxville
522-6129
8-4:45 M-F
prices: \$2 per 100 lbs

The following businesses will accept corrugated boxes for reuse.

Postal Xpress Plus
1620 W Broadway
Maryville
982-9777
8:30am-6pm M-F, 10am-2pm Sat

HOUSEHOLD ITEMS

Anything in saleable condition; will pick-up large items

Goodwill Industries

213 Calderwood

Alcoa

984-5296

9am-5pm M-Sat, 1pm-5pm Sun

Salvation Army Thrift Store

1413 E Broadway

Maryville

983-7155

9am-5:30pm M-Sat

METALS

SCRAP AUTOS

remove gas tanks, batteries, freon and tires; must have title or bill of sale

Southern Foundry Supply Inc
2826 N Central
Knoxville
524-2791
7:30-3:30 M-F
\$3/100 lbs (generally \$75--\$100 per car)

Leonard Fuller
981-9953

WIRE COAT HANGERS

In good condition; original shape, no rust

Washington Cleaners
408 Washington
Maryville
982-9282

PAPER

COMPUTER PRINTOUT PAPER

Includes green, blue, and white track feed CPO (computer print out) CPO sold to Kimberly Clark for Huggies disposable diapers, tissue and paper towels.

Paper Stock Dealers

1111 Mitchell
Knoxville
524-0309
8-4:45 M-F
\$3.50 per 100 lbs

Knoxville Recycled Fiber Company

410 Frazier
Knoxville
522-6129
8-4:45 M-F
\$3.50 per 100 lbs

WHITE OFFICE PAPER

Paper Stock Dealers

1111 Mitchell
Knoxville
524-0309
8-4:45 M-F
\$1.50/100 lbs

Knoxville Recycled Fiber Company

410 Frazier
Knoxville
522-6129
8-4:45 M-F
\$2.50/100 lbs

MIXED PAPER

Includes colored paper, magazines, food boxes, file folders, window envelopes, coated papers

City of Knoxville Drop-off Centers

Kroger Stores
4501 Asheville Highway
Fountain City
5425 Clinton Highway
Knox Plaza
Winn-Dixie
8526 Kingston Pike

PLASTIC

LOOSE PACKING MATERIALS ("peanuts")

Mail Center USA
1743 W Broadway
Red Food Store Shopping Center
Maryville
984-6245
9am-6pm M-F; 10am-2pm Sat

Postal Xpress Plus
1620 W Broadway
Maryville
982-9777
8:30am-6pm M-F; 10am-2pm Sat

FLOWER POTS

pots for garden and house plants; both rigid plastic and flexible plastic containers called "flats"

Boyatt's Landscaping
4001 Morganton Rd
Maryville
984-1238

Foothills Garden Center
3711 E Lamar Alexander Pkwy
Maryville
977-8311

Oasis Garden Center
235 S Old Glory Rd
Maryville
982-4373
(Accepted toward purchase)

Gateway Greenhouses, Inc
134 Spurgeon Ln
Maryville
982-8036

PRINTER AND COPIER TONER CARTRIDGES

NuCycle Technology
2010 University Ave
Knoxville
525-8020

Southeastern Laser Products
151 Sherway Rd
Suite 8
Knoxville
693-4193

Beal Office Supply
329 Calderwood
Maryville
983-7353

Heritage Office Supply
219 E Broadway
Maryville
983-2955

A&W Office Supply
10603 Dutchtown Road
Knoxville, TN 37933
966-1133

Southeastern Laser Products
151 Sherway Road
Suite 8
Knoxville, TN 37922
693-4193

COMPANIES PROVIDING COLLECTION OF RECYCLABLE MATERIALS IN BLOUNT COUNTY

H.O.P.E. RECYCLING PICKUP SERVICE

PO Box 824

Alcoa, TN 37701-0824

981-2869

\$5 per week for residential and business pickup
will pickup plastic, glass, newsprint, corrugated, office
paper, mixed paper, aluminum, metal cans, scrap metal,
appliances, tires, batteries

BROWNING-FERRIS INDUSTRIES (BFI)

P.O. Box 274

Knoxville, TN 37910

522-8161

business and commercial pickup
cardboard, office waste paper

PROJECTED TIPPING FEE - ALCOA/MARYVILLE/BLOUNT COUNTY SAN. LANDFILL

March 30, 1993 (Rev'd 3/31/93; 6/1/93; 6/8/93)

Jan. 15, 1998 Revisions noted

ITEM	ANNUAL COST	COST PER TON (@ 9000 ton/mo.)
Current Tipping Fee (FY 1993 Costs, as of 1/30/93 - \$8.98/ton)		\$8.85
Solid Waste Manager (salary, benefits, training, etc.)	\$58,000.00	\$0.54
Environmental Technician (salary, benefits, training, etc.)	\$37,000.00	\$0.34
Heavy Equipt Replacement (6 pieces heavy equipt.; 1 per year)	\$75,000.00 (Add'l to FY 1993)	\$0.69
Light Equipt Replacement (pickup trucks, farm tractor, etc.)	\$12,000.00	\$0.11
Add'l Funding: Rd Maintenance (Crushed stone, add'l paving, etc.)	\$12,000.00	\$0.11
Slope Stabiliz'n & Erosion Control (Hydroseed, silt fence, etc.)	\$20,000.00	\$0.19
Public Education (Workbooks, etc.; \$10,000 - Beautiful Blount)	\$25,000.00	\$0.23
Add'l for Consulting (Construction QC, etc.)	\$25,000.00	\$0.23
Landfill Expansion	\$249,870.00	\$2.31
* Chip's Est.: Total = \$420,000 (Final Phase II, Subtitle D Contract = \$1,909,219.30; CQA = \$150,000) (\$2.1 Million, 8 yrs @ 5%)	*lus \$75K in FY 1993)	
Closure/Post-Closure Activities	\$979,902.32	\$9.07
* Class I - \$7,590,328 PW / \$62,884,983 FW (TDEC) - F/A, 28yr, 8%		
* Class II, III, IV - \$3,100,000 / 15 yrs. @ 6% - A/P, 15yr, 6%		
Air Curtain (in lieu of Composting Operation)		
* \$341,961 capital, 10 years @ 8%	\$50,952.19	\$0.47
* O&M Cost (Utilities, Panels, etc.)	\$5,000.00	\$0.05
New Landfill Site	\$70,080.00	\$0.65
* Say 150 acres @ \$4000/acre		
* \$600,000 over 15 years @ 8%		
Deduct \$10,000 from FY 1993 Budget * Building Materials	(\$10,000.00)	(\$0.09)
	MIN. TIPPING FEE	\$23.77
Recycling Processing Deficit (minus recycl'g gra	\$31,000.00	\$0.29
* \$85,000 - \$27,000 - \$27,000 match		
Alcoa Recycling Drop-Off	\$43,404.00	\$0.40
Maryville Recycling Drop-Offs	\$145,000.00	\$1.34
	MIN. TIPPING FEE w/ RECYCLING	\$25.80

Blount County Solid Waste Region

Waste and Recycling Tonnages and Per Capita Generation Rates

YEAR	1995	1996	1997	1998
Class I / II Waste (MSW & Special)	109,851	101,527	81,068	69,070
Class III/IV Waste (Const/Demo)	5,671	13,110	31,397	44,623
Totals	115,522	114,637	112,465	113,693
Brush (Incinerated)	2,508	3,285	2,638	2,872
Recycled Materials	1,442	3,504	3,277	4,034
Population	97,000	99,010	100,000	100,000
Per Capita Generation Rate	1.1047	0.9911	0.79	0.652

120,599

1992 ECONOMIC CENSUS -- AREA PROFILE

Blount County, TN

Sector	Number of Estabs	Sales or Receipts (\$mil)	Number of Jobs	Output per capita	Jobs/1000 population # ofST	Estabs/100K population # ofST
Manufacturing	119	1,818	7,000	20,106	77 78	132 87
Wholesale	113	507	1,445	5,612	16 70	125 67
Retail	498	834	6,498	9,222	71 98	551 91
Services	485	203	3,651	2,249	40 56	536 84

TENNESSEE

Sector	Number of Estabs	Sales or Receipts (\$mil)	Number of Jobs	Output per capita	Jobs/1000 population # ofUS	Estabs/100K population # ofUS
Mining	291	539	4,600	107	1 37	6 48
Construction	9,270	9,470	89,768	1,885	18 98	184 82
Manufacturing	7,608	76,390	499,100	15,201	99 149	151 104
Transportation	3,606	5,250	61,477	1,045	12 99	72 99
Communications	806	3,538	20,262	704	4 79	16 104
Utilities	246	2,003	6,249	399	1 35	5 62
Wholesale	9,341	59,682	115,416	11,876	23 98	186 96
Retail	30,582	37,508	368,010	7,464	73 101	609 102
Services	31,953	20,410	362,436	4,061	72 95	636 89
Finance	3,618	8,326	48,645	1,657	10 55	72 86
Insurance	3,098	12,816	33,280	2,550	7 78	62 98
Real Estate	3,170	1,518	16,671	302	3 69	63 70

United States

Sector	Number of Estabs	Sales or Receipts (\$mil)	Number of Jobs	Output per capita	Jobs/1000 population #	Estabs/100K population #
Mining	30,787	162,095	638,200	635	3	12
Construction	572,851	528,106	4,668,280	2,070	18	225
Manufacturing	370,934	3,004,862	16,967,400	11,780	67	145
Transportation	184,297	299,274	3,159,451	1,173	12	72
Communications	39,244	230,667	1,294,236	904	3	15
Utilities	20,049	310,961	915,012	1,219	4	6
Wholesale	495,457	3,249,874	5,971,401	12,741	23	194
Retail	1,526,215	1,894,880	18,407,453	7,429	72	598
Services	1,825,435	1,202,613	19,290,352	4,715	76	716
Finance	214,098	1,572,331	4,468,766	6,164	18	84
Insurance	160,639	847,730	2,152,179	3,323	3	63
Real Estate	229,493	141,673	1,231,471	555	3	90

Mining not reported for metros, construction not reported for counties.
 Trans: State & metro excludes large passenger airlines; metro excl pipelines.
 Utilities: metro excludes electric, gas utilities.

Source: 1992 Economic Census. Find it at: <http://www.census.gov/econ97E>
 1992 Economic Census Profile: Retail, Wholesale, Service
 Blount County, TN

USA COUNTIES 1996

Geographic Area: Blount, TN (47009)

Table: GENERAL PROFILE

POPULATION AND HOUSING (Bureau of the Census)	
Total resident population:	
1995.....	97,014
Percent 65 years and over.....	13.9
1990.....	85,969
1980.....	77,770
Occupied housing units, 1990.....	33,624
Percent owner occupied.....	74.6
BIRTHS AND DEATHS (National Center for Health Statistics)	
Births, 1993.....	1,107
Per 1,000 resident population.....	12.0
Percent to mothers under 20 years of age.....	16.0
Deaths, 1993.....	841
Per 1,000 resident population.....	9.1
Infant deaths per 1,000 live births, 1993.....	9.9
EDUCATION (Bureau of the Census)	
Persons 25 years and over, 1990.....	57,983
Percent high school graduates.....	68.5
Percent college graduates.....	14.3
LABOR FORCE (Bureau of Labor Statistics)	
Civilian labor force, 1994.....	48,070
Percent unemployed.....	4.9
PRIVATE NONFARM ESTABLISHMENTS (Bureau of the Census)	
Total establishments, 1993.....	1,855
Percent retail trade.....	27.1
Percent services.....	35.4
Paid employees, 1993 (pay period including March 12).....	26,359
Annual payroll, 1993 (\$1,000).....	588,124
PERSONAL INCOME (Bureau of Economic Analysis)	
Total personal income, 1993 (\$1,000).....	1,569,544
Per capita (dollars).....	16,941
AGRICULTURE (Bureau of the Census)	
Number of farms, 1992.....	1,012
Land in farms as percent of total land.....	27
RETAIL TRADE (Bureau of the Census)	
Retail sales, 1992 (\$1,000).....	849,274
Per capita (dollars).....	9,388
COMMERCIAL AND SAVINGS BANKS (Fed. Deposit Insurance Corp.)	
Number of offices, June 30, 1994.....	27
Total deposits (\$1,000).....	664,856
SOCIAL PROGRAMS (Social Security Administration)	
Total Social Security recipients, December 1993.....	17,495
Retired workers.....	9,630
Supplementary Security Income recipients, December 1994..	2,409
FEDERAL FUNDS AND GRANTS (Bureau of the Census)	
Total direct expenditures or obligations per capita:	
1994 (dollars).....	3,223
1990 (dollars).....	2,416

(NA) Not available. (D) Avoid disclosure of confidential information.

(X) Not applicable. (S) Does not meet publication standards.

(Z) Value > 0 but < half unit of measure shown.

NOTE: 0 data may indicate geographic/data footnotes.

Source: U.S. Bureau of the Census, USA Counties 1996 CD-ROM.□

1990 US Census Data
 Database: C90STF3A
 Summary Level: State--County

Blount County: FIPS.STATE=47, FIPS.COUNTY90=009

INDUSTRY

Universe: Employed persons 16 years and over

Agriculture, forestry, and fisheries (000-039)	845
Mining (040-059)	208
Construction (060-099)	2974
Manufacturing, nondurable goods (100-229)	2181
Manufacturing, durable goods (230-399)	5502
Transportation (400-439)	1991
Communications and other public utilities (440-499)	1020
Wholesale trade (500-579)	1686
Retail trade (580-699)	7561
Finance, insurance, and real estate (700-720)	1763
Business and repair services (721-760)	1422
Personal services (761-799)	1234
Entertainment and recreation services (800-811)	316
Professional and related services (812-899):	
Health services (812-840)	4073
Educational services (842-860)	2952
Other professional and related services (841, 861-899)	1862
Public administration (900-939)	1250

OCCUPATION

Universe: Employed persons 16 years and over

Managerial and professional specialty occupations (000-202):	
Executive, administrative, and managerial occupations (000-042)	3790
Professional specialty occupations (043-202)	4621
Technical, sales, and administrative support occupations (203-402):	
Technicians and related support occupations (203-242)	1650
Sales occupations (243-302)	4693
Administrative support occupations, including clerical (303-402)	5537
Service occupations (403-472):	
Private household occupations (403-412)	89
Protective service occupations (413-432)	399
Service occupations, except protective and household (433-472)	4577
Farming, forestry, and fishing occupations (473-502)	740
Precision production, craft, and repair occupations (503-702)	5657
Operators, fabricators, and laborers (703-902):	
Machine operators, assemblers, and inspectors (703-802)	3113
Transportation and material moving occupations (803-863)	2127
Handlers, equipment cleaners, helpers, and laborers (864-902)	1847

HOUSEHOLD INCOME IN 1989

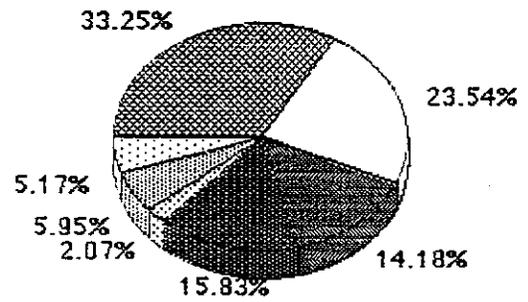
Universe: Households

Less than \$5,000	2095
\$5,000 to \$9,999	3866
\$10,000 to \$12,499	1816
\$12,500 to \$14,999	1762
\$15,000 to \$17,499	1780
\$17,500 to \$19,999	1582
\$20,000 to \$22,499	1844
\$22,500 to \$24,999	1604
\$25,000 to \$27,499	1722

\$27,500 to \$29,999.....	1286
\$30,000 to \$32,499.....	1447
\$32,500 to \$34,999.....	1199
\$35,000 to \$37,499.....	1172
\$37,500 to \$39,999.....	1033
\$40,000 to \$42,499.....	1183
\$42,500 to \$44,999.....	918
\$45,000 to \$47,499.....	841
\$47,500 to \$49,999.....	688
\$50,000 to \$54,999.....	1336
\$55,000 to \$59,999.....	1166
\$60,000 to \$74,999.....	1514
\$75,000 to \$99,999.....	927
\$100,000 to \$124,999.....	292
\$125,000 to \$149,999.....	109
\$150,000 or more.....	308
MEDIAN HOUSEHOLD INCOME IN 1989	
Universe: Households	
Median household income in 1989.....	25575
AGGREGATE HOUSEHOLD INCOME IN 1989	
Universe: Households	
Less than \$150,000.....	985819670
\$150,000 or more.....	93964160
WAGE OR SALARY INCOME IN 1989	
Universe: Households	
With wage or salary income.....	25087
No wage or salary income.....	8403
AGGREGATE WAGE OR SALARY INCOME IN 1989	
Universe: Households	
Total.....	794191232
AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989	
Universe: Households	
Total.....	53991728
RATIO OF INCOME IN 1989 TO POVERTY LEVEL	
Universe: Persons for whom poverty status is determined	
Under .50.....	3407
.50 to .74.....	3045
.75 to .99.....	3972
1.00 to 1.24.....	3900
1.25 to 1.49.....	3756
1.50 to 1.74.....	4506
1.75 to 1.84.....	1994
1.85 to 1.99.....	2552
2.00 and over.....	5722
IMPUTATION OF INDUSTRY	
Universe: Employed persons 16 years and over	
Filler.....	1362
Allocated.....	37478
Not allocated.....	
IMPUTATION OF OCCUPATION	
Universe: Employed persons 16 years and over	
Filler.....	1513
Allocated.....	37327
Not allocated.....	

Employment by Occupation

	Technical, Sales:	33.25%
	Handlers, Laborers:	5.17%
	Transportation:	5.95%
	Farm, Forestry:	2.07%
	Production, Craft, Repair:	15.83%
	Service:	14.18%
	Administrative, Executive:	23.54%



U.S. Census Bureau

Model-Based Income and Poverty Estimates for Blount County, Tennessee in 1995

Population as of July 1996

Statistic	Number		Percent	
	Estimate	90% Confidence Interval	Estimate	90% Confidence Interval
People of all ages in poverty	11,015	8,850 to 13,180	11.1	8.9 to 13.3
People under age 18 in poverty	3,958	3,156 to 4,759	17.4	13.9 to 21.0
Related children age 5-17 in families in poverty	2,456	1,941 to 2,971	15.0	11.9 to 18.2

Statistic	Estimate	90% Confidence Interval
Median household income	\$33,966	\$31,000 to \$36,916

These estimates were released in February 1999.

Source: Bureau of the Census, Small Area Income and Poverty Estimates Program

U.S. Census Bureau

1996 County Business Patterns

Blount County, Tennessee

Major Industry Groupings

		Payroll (\$1,000)					
		SIC Code:	SIC Description:	Number of Employees for week including March 12	1st Quarter	Annual	Total Establishments
<u>Compare</u>		—	Total:	28,667	163,871	731,038	2,074
<u>2 Dgt</u>	<u>Compare</u>	07—	Agricultural Services, Forestry, And Fishing:	144	442	1,898	33
<u>2 Dgt</u>	<u>Compare</u>	10—	Mining:	20-99	0	0	2
<u>2 Dgt</u>	<u>Compare</u>	15—	Construction:	1,768	9,234	71,463	243
<u>2 Dgt</u>	<u>Compare</u>	20—	Manufacturing:	6,971	62,995	252,393	126
<u>2 Dgt</u>	<u>Compare</u>	40—	Transportation And Public Utilities:	1,064	6,501	27,816	108
<u>2 Dgt</u>	<u>Compare</u>	50—	Wholesale Trade:	1,780	11,445	51,424	123
<u>2 Dgt</u>	<u>Compare</u>	52—	Retail Trade:	7,865	28,719	129,484	526
<u>2 Dgt</u>	<u>Compare</u>	60—	Finance, Insurance, And Real Estate:	1,679	9,387	41,921	168
<u>2 Dgt</u>	<u>Compare</u>	70—	Services:	7,323	34,892	153,753	732
<u>Compare</u>		99—	Unclassified Establishments:	20-99	0	0	13

Blount County, Tennessee
Major Industry Groupings (cont'd)

SIC Code	SIC Description	Total Estabs	Number of Establishments by Employment-size class								
			1-4	5-9	10-19	20-49	50-99	100-249	250-499	500-999	1000 or more
---	Total:	2,074	1,152	405	259	159	62	23	9	2	3
2 Dgt. 07--	Agricultural Services, Forestry, And Fishing:	33	26	4	2	1	0	0	0	0	0
2 Dgt. 10--	Mining:	2	0	0	1	1	0	0	0	0	0
2 Dgt. 15--	Construction:	243	158	41	22	14	7	1	0	0	0
2 Dgt. 20--	Manufacturing:	126	48	21	21	21	7	2	2	2	2
2 Dgt. 40--	Transportation And Public Utilities:	108	53	23	14	15	3	0	0	0	0
2 Dgt. 50--	Wholesale Trade:	123	64	20	21	11	4	1	2	0	0
2 Dgt. 52--	Retail Trade:	526	241	115	85	45	25	13	2	0	0
2 Dgt. 60--	Finance, Insurance, And Real Estate:	168	100	43	11	7	4	2	1	0	0
2 Dgt. 70--	Services:	732	450	138	82	43	12	4	2	0	1
99--	Unclassified Establishments:	13	12	0	0	1	0	0	0	0	0

- Excludes most government employees, railroad employees, and self-employed persons
- In some instances, payroll data are withheld (shown as zero) to avoid disclosing the operation of an employer. For these summaries, employment ranges are indicated in the number of employees column (e.g. 0-19, 20-99 etc.)

BLOUNT COUNTY'S LARGEST EMPLOYERS

Summer 1999

07/99

1. Aluminum Company of America	2300	26. Neill Sandler Ford	170
2. Denso Manufacturing Tennessee	1282	27. United Marine of Tennessee	167
3. Blount Memorial Hospital	1350	28. City of Alcoa Schools	155
4. Blount County Schools	1144	29. Standard Aero Alliance	135
5. BTR Sealing Systems	1000	30. Lowe's	129
6. Air National Guard	560	31. East Tenn. Medical Group	120
7. Clayton Homes	550	32. West Chevrolet	120
8. LI Company	500	33. Tennessee Farmer's Cooperative	109
9. Maryville City Schools	480	34. Home Depot	102
10. Blount County Government	460	35. Ruby Tuesday	104
11. Proffitts	427	36. Hilton Knoxville Airport	95
12. Broad Technologies	403	37. Citizens Bank of Blount County	95
13. Wal-Mart	390	38. Rick McGill's Airport Toyota	95
14. Rockford Manufacturing	380	38. Metro Knoxville Airport	82
15. First Tennessee Bank	350	40. Anderson Truss	90
16. Newell Office Products	350	41. Gilded Mirrors	75
17. Twin City Auto Dealerships	350	42. The Daily Times	75
18. City of Maryville	307	43. Smith & Woods Foodcenters	70
19. Ceramapod	300	44. Chroma Graphics	60
20. APAC-TN	315	45. Knote International	60
21. US Foodservice	275	46. Pyron Metal Powders	60
22. City of Alcoa	250	47. WYKO Engineering	60
23. Asbury Centers	208	48. BTR Automotive	50
24. Maryville College	195	49. Colvir & Son Heating Co.	50
25. Colonial Hills Nursing Center	170	50. Macomber Engineering Co.	50

Blount County Solid Region

Approval Signatures for the Region's Five-Year Update/Revision

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

REGION NAME: Blount County

Robert L. Ramsey

Typed Name of the Chairman of the Solid Waste Planning Region

Robert L. Ramsey

Signature of the Chairman of the Solid Waste Planning Region

September 1, 1999

Date

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

William A. Crisp

Typed name of the County Executive(s)

William A. Crisp

Signature of the County Executive(s)

September 1, 1999

Date