



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

JAMES H. FYKE
COMMISSIONER

PHIL BREDESEN
GOVERNOR

October 5, 2005

Mr. Joe Farmer, Chairman
Lake-Obion-Weakley MSW Planning Region
576 Adams Chapel Road
Dresden, TN 38225

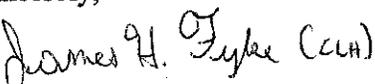
Dear Mr. Farmer:

The Department has received and reviewed Lake County's Resolution Number 2004-10, Obion County's Resolution Number 092004-2, and Weakley County's Resolution Number 2005-14, all of which act to dissolve the Lake-Obion-Weakley Counties Municipal Solid Waste (MSW) Planning Region and to establish new single county MSW planning regions.

Based on our review of the aforementioned documents, together with resolutions creating new single county municipal solid waste planning regions and Ten-Year Solid Waste Management Plans from each of these counties, the dissolution of the Lake-Obion-Weakley Counties Municipal Solid Waste Planning Region is approved.

If you should have any questions or require additional information, please contact Mr. Larry Christley at (615) 532-0744 or larry.christley@state.tn.us

Sincerely,


James H. Fyke, Commissioner

JHF:rgk

cc: The Honorable Macie M. Roberson, Lake County Mayor
The Honorable Gaylon R. Long, Obion County Mayor
The Honorable Ron Gifford, Weakley County Mayor
Mr. Mike Cary, Obion County Solid Waste Director
Ms. Wanda Fuzzell, Northwest Tennessee Development District
Mr. Mike Stooksberry, University of Tennessee, CTAS



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-0435

JAMES H. FYKE
COMMISSIONER

PHIL BREDESEN
GOVERNOR

October 5, 2005

Mr. Richard Perkins, Chairman
Lake County Municipal Solid Waste Board
220 Ashby Drive
Tiptonville, TN 38079

Dear Mr. Perkins:

The Department has received Lake County's Resolution Number 2004-10, which acts to dissolve the Lake-Obion-Weakley Counties Municipal Solid Waste (MSW) Planning Region and establish the new Lake County Solid Waste Planning Region, together with the Lake County Ten-Year Solid Waste Management Plan.

Based upon our review of this resolution and the County's revised solid waste plan, the creation of the **Lake County Municipal Solid Waste Planning Region** is hereby approved.

If you should have any questions or need additional information, please contact Mr. Larry Christley at (615) 532-0744 or larry.christley@state.tn.us

Sincerely,

A handwritten signature in cursive that reads 'James H. Fyke (cm)'. The signature is written in black ink.

James H. Fyke, Commissioner

JHF:rgk

cc: The Honorable Macie M. Roberson, Lake County Mayor
Ms. Wanda Fuzzell, Northwest Tennessee Development District
Mr. Mike Stooksberry, University of Tennessee, CTAS

Wanda,

The review of the 10 year plans is nearing completion. Here are the items I am looking at addressing in a comment letter. These comments are presented by the team of reviewers and are consist with past submissions. Please remember, that though some of these comments may seem small or trivial, clarity in a 10 year plan and 5 year update to the plan is essential. If you could start working towards addressing these items, it would expedite the dissolution process.

Thanks,
Larry

1. Summary - Table 1-1 shows the total population of Lake County to be 7,954. According to the most recent 2004 U.S. Census estimates, Lake County population is estimated at 7,656.

The 2000 Census figures were utilized for this report since these figures were the last official numbers and not merely estimates.

2. Summary -- In Figure 1-1, the figure does not show location of problem waste collection sites. Please provide a base system map that accurately locates convenience centers, problem waste and recyclable collection sites.

Problem wastes such as lead acid batteries, used oil, transmission fluid and other automobile fluids are collected at Perkins Tire and Service Center in Tiptonville. This is a private entity but the general public can bring their problem waste to this site. Only public entities are shown on Figure 1-1.

3. Summary -- On page 8, under Recycling, it is noted that the convenience centers only collect metals and tires as the "recyclables collected." In the 2004 Annual Progress Report it is reported that the centers also collect lead acid batteries. This also appears in Table 1-8 under Recyclable Collection Assurance. Please clarify which is correct.

Perkins Tire and Service Center collects lead acid batteries. The Convenience Center only collected metals and tires in the 2003 APR. This plan was based on the 2003 Annual Progress Report since that was the last approved report at the time of the submission of the plan. I went ahead and made the correction though.

4. Chapter 2.2 - As noted above, 2004 U.S. Census estimates Lake County population at 7,656.

The 2000 Census figures were utilized for this report since these figures were the last official numbers and not merely estimates.

5. Chapter 2.5 -- Please provide a total of three contacts for solid waste information regarding Lake County Solid Waste Planning Region. One is insufficient.

Correction made in plan.

6. Chapter 2.8 - In Table 2-3, two municipalities are listed along

jurisdiction. (Examples would be the automotive fluid collection, lead-acid battery recycling, prison efforts, among others)

These items are explained in Table 3-6 AND in the following text.

14. Chapter 3.11 -- On page 31, under Recycling, it is noted that the convenience centers only collect metals and tires as the "recyclables collected." In the 2004 Annual Progress Report it is reported that the centers also collect lead-acid batteries. This also appears in Table 1-8 under Recyclable Collection Assurance. Please clarify which is correct.

Corrected the information

15. Chapter 3.11 - List proposed programs and discuss ten-year trends and needs associated with these trends.

There is a section titled: "Proposed Programs and Changes to Waste Management Strategy" in this section. *Accepted*

16. Chapter 3.11 - Describe education programs and opportunities in each jurisdiction and encouragement that the commercial and industrial sectors receive from these jurisdictions. These jurisdiction-by-jurisdiction descriptions should cover all the topics listed in this chapter plus any other that would fully explain the efforts in the given jurisdiction.

Referenced Table 8-1

17. Chapter 4.1 - In Table 4-1, county funding for solid waste includes a wheel tax. This is inconsistent with the 2004 Annual Progress Report that only reports revenues from property tax to fund the solid waste program. Please clarify which is correct.

Lake County funding does include a wheel tax. Also, this plan was based on the 2003 APR because the 2004 APR has not been approved.

18. Chapter 4.1 - Provide private hauler contact information and the number of trucks in the fleet serving this region.

Corrected

19. Chapter 5.2 - As noted previously in Item 3 and Item 14, batteries are included in the 2004 Annual Progress Report submission as being collected at the convenience center. Please clarify if the omission was in error on Table 5-1.

Corrected

20. Chapter 5.2 - The Northwest Correctional Complex also produces mulch but is not listed according to the submitted plan.

Yard waste is listed

21. Chapter 5.3 - Please include marketing efforts and principal end users to commodities recycled.

High side bids for marketing + hold until price is right due plenty of space.

22. Chapter 7.4 -- Provide additional details describing tire disposal sites available to meet the plan described in the submission. Describe what happens to the waste tires in the Region once they are collected.

Corrected

23. Chapter 7.5 - Describe what changes are foreseen or may be needed in the waste tire program in the future.

Corrected

24. Chapter 7.6 -- In the plan, it is noted that there is not a significant problem with waste tire dumping. This indicates there is some level of problem. Please describe specific sites and discuss the problem.

Changed wording

25. Chapter 8.1 -- In Table 8-1, contact information has been omitted for the programs listed. Please include Name, Organization/sponsor, Phone number, and Address.

Corrected

26. Chapter 10.1 - Provide a summary (minutes) of the public hearing meeting held to approve plan.

Corrected

Larry C. Christley
Environmental Specialist

114

Solid Waste/Sanitation Fund					
Lake County, Tennessee					
Statement of Proposed Operations					
For the Fiscal Year Ending June 30, 2005					
Account Number	Description	Audit Totals 2002-2003	Amount Budgeted 2003-2004	Amended Bud Actual Totals 2003-2004	Proposed Budget 2004-2005
Estimated Revenues					
40000	LOCAL TAXES				
40100	County Property Taxes				
40110	Current Property Tax	20,456	20,560	20,748	20,750
40120	Trustee's Collections - Prior Year	803	796	1,128	1,130
40130	Circuit/Clerk & Master Collections- Prior Yrs	81	80	246	245
40140	Interest & Penalty	140	135	209	210
40200	County Local Option Taxes				
40240	Wheel Tax	7,645	7,600	8,417	8,400
40270	Business Tax	-	-	-	-
40300	Statutory Local Taxes	-	-	28	28
40390	Other Statutory Local Taxes	-	-	-	-
	TOTAL LOCAL TAXES	29,125	29,171	30,775	30,763
44000	OTHER LOCAL REVENUES				
44100	Recurring Items				
44130	Sale of Materials and Supplies	-	-	-	-
44170	Miscellaneous Refunds	-	-	-	-
	TOTAL OTHER LOCAL REVENUES	-	-	-	-
46000	STATE OF TENNESSEE				
46100	GENERAL GOVERNMENT GRANTS				
46190	Other General Government Grants	-	-	608	1,200
	TOTAL STATE OF TENNESSEE	-	-	608	1,200
48000	OTHER GOVERNMENTS AND CITIZENS GROUPS				
48100	OTHER GOVERNMENTS				
48130	Contributions	17,536	22,366	22,368	26,238
	TOTAL OTHER GOV. & CITIZENS GROUPS	17,536	22,366	22,368	26,238
	TOTAL ESTIMATED REVENUES	46,661	51,537	53,751	58,201
49000	ESTIMATED OTHER SOURCES (NON-REVENUE)				
49200	NOTES ISSUED	-	-	-	-
49800	TRANSFERS IN	15,000	8,000	8,000	8,000
	Total Estimated Revenues & Other Sources	61,661	59,537	61,751	66,201
49000	ESTIMATED OTHER SOURCES (NON-REVENUE)				

Solid Waste/Sanitation Fund
Lake County, Tennessee
Statement of Proposed Operations
For the Fiscal Year Ending June 30, 2005

Account Number	Description	Audit Totals 2002-2003	Amount Budgeted 2003-2004	Amended Bud Actual Totals 2003-2004	Proposed Budget 2004-2005
ESTIMATED EXPENDITURES					
55000	PUBLIC HEALTH AND WELFARE				
55753	WASTE INCINERATOR				
141	Foremen	21,095	21,095	20,475	20,676
201	FICA				1,581
210	Unemployment				154
307	Communication	497	500	502	500
335	Maintenance & Repair Services - Buildings	1,462	1,400	1,238	1,250
336	Maintenance & Repair Services - Equipment	5,002	5,000	4,903	4,500
412	Diesel Fuel	1,435	1,400	1,538	1,600
415	Electricity	3,549	3,548	3,590	3,700
510	Trustee's Commission	511	511	527	530
599	Other Charges	-	-	-	-
733	Solid Waste Equipment	-	-	-	-
	TOTAL WASTE INCINERATOR	33,551	33,454	32,772	34,491
55759	OTHER WASTE DISPOSAL				
309	Contracts with Government Agencies	32,524	32,000	32,986	33,000
	TOTAL OTHER WASTE DISPOSAL	32,524	32,000	32,986	33,000
58000	OTHER OPERATIONS				
58600	EMPLOYEE BENEFITS				
201	Social Security	1,520	1,520	1,473	
207	Medical Insurance	-	-	-	
210	Unemployment Compensation	152	214	162	
	TOTAL EMPLOYEE BENEFITS	1,672	1,734	1,635	
	TOTAL ESTIMATED EXPENDITURES	67,747	67,188	67,393	67,491
	EXCESS OF ESTIMATED REVENUES & OTHER SOURCES OVER				
	(UNDER) ESTIMATED EXPENDITURES	(6,086)	(7,651)	(5,642)	(120)
	ESTIMATED BEGINNING FUND BALANCE, JULY 1	14,996	8,721	8,910	3,268
	ESTIMATED ENDING FUND BALANCE, JUNE 30	8,910	1,070	3,268	3,148

ANNUAL BUDGET
 REBELE, TENNESSEE
 2004-2005

SOLID WASTE FUND

Account #	Description	Prior Year	Budget	Estimated	Budget
		Actual 2002-2003	2003-2004	2003-2004	2004-2005
REVENUES					
34410	Sanitation Collection Fees & LFF	103,665	91,000	91,971	91,900
34424	County Garbage	0	14,400	14,400	16,200
36110	Interest Income	0	0	0	0
TOTAL REVENUES		103,665	105,400	106,371	108,100
EST. BEGINNING BALANCE		50,411	71,495	71,495	71,703
TOTAL AVAILABLE FUNDS		154,076	176,895	177,866	179,803
EXPENDITURES					
43200	Sanitation				
111	Salaries	22,500	29,100	28,002	32,600
141	OASI - Employer's Share	0	2,230	2,203	2,500
142	Health Insurance	661	10,600	16,128	6,425
143	Retirement	251	200	798	980
147	Unemployment Taxes	0	75	31	75
150	Employees Contribution	0	0	0	0
240	Utility Services	170	200	185	200
253	Accounting & Auditing	1,000	1,000	1,000	1,000
255	Data Processing	2,500	3,000	1,843	3,000
260	Repair & Maintenance	854	4,000	2,654	2,800
290	Other Contractual Services	32,661	33,000	25,498	26,000
295	Incinerator Expense	8,768	11,184	11,184	13,119 ✓
320	Operating Supplies	3,707	6,250	3,654	4,000
326	Clothing & Maintenance	776	1,750	666	700
331	Gas & Oil	2,172	2,300	2,403	2,600
339	Miscellaneous Expense	100	200	50	200
510	Insurance	6,461	6,500	9,864	10,000
900	Capital Outlay	0	0	0	8,000
TOTAL EXPENDITURES		82,581	111,589	106,163	114,199
EST. ENDING FUND BALANCE		71,495	65,306	71,703	65,604

ANNUAL BUDGET
 TIPTONVILLE, TENNESSEE
 2004-2005

SOLID WASTE FUND

Account #	Description	Prior Year Actual 2002-2003	Budget 2003-2004	Actual 2003-2004	Budget 2004-2005
REVENUES					
34410	Sanitation Collection Fees & LFF	131,552	135,000	126,172	150,000
37810	Operating Transfer	0	0	0	0
TOTAL REVENUES		131,552	135,000	126,172	150,000
EST. BEGINNING BALANCE		(734)	1,168	1,168	(491)
TOTAL AVAILABLE FUNDS		130,818	136,168	127,340	149,509

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EXPENDITURES

43200	Sanitation				
120	Salaries	58,917	63,100	60,520	69,300
141	OASI - Employer's Share	4,837	4,830	4,630	5,300
142	Health Insurance	16,698	16,800	11,409	16,800
143	Retirement	0	50	0	50
147	Unemployment Taxes	0	400	383	400
235	Registration Fees	0	100	0	100
241	Electric	952	900	1,039	900
253	Accounting & Auditing	0	3,600	4,316	3,800
295	Landfill Services	26,227	25,000	26,377	26,400
326	Uniforms	0	300	0	300
329	Other Supplies	3,582	250	50	250
331	Gas & Oil	4,649	4,500	4,423	4,500
332	Parts & Repair	2,604	2,000	0	2,000
333	Equipment Parts	0	500	0	500
339	Sundry Repair	0	50	0	50
341	Consumable Tools	0	200	0	200
700	Lake County Incinerator	11,184	11,184	11,184	13,120 ✓
900	Capital Outlay	0	500	3,500	500
TOTAL EXPENDITURES		129,650	134,264	127,831	144,470
EST. ENDING BALANCE		1,168	1,904	(491)	5,039

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STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Management
Section of Planning Reporting and Waste Reduction
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37242-1533

September 12, 2005

Mrs. Wanda Fuzzell, Solid Waste Planner
Northwest Tennessee Development District
124 Weldon Drive
Martin, TN 38237

RE: Lake County Region 10-Year Regional Solid Waste Plan

Dear Mrs. Fuzzell:

Thank you again for submitting the Lake County MSW Region's Update to the Lake-Obion-Weakley County MSW Region's Ten-Year Plan.

T.C.A. §68-211-813 references region dissolution and reconfiguration. This section of the Tennessee Code states that a new or reconfigured region can only be established upon approval of a new or revised ten-year solid waste plan. Following dissolution of the Lake-Obion-Weakley MSW Planning Region, Lake County was required to develop and submit a ten-year solid waste plan. A revision to the ten-year plan approved for the Lake-Obion-Weakley MSW Region on June 30, 1997 can serve as the initial ten-year plan for the newly formed Lake County MSW Region. This submission by Lake County reflects a solid waste planning horizon for the next ten years and, upon approval, will serve as an update to the original Lake-Obion-Weakley plan and constitute the initial ten-year plan for Lake Solid Waste Planning Region.

Based upon our review of the plan and other relevant document and requirements, the following comments are offered:

1. **Summary** -- Table 1-1 shows the total population of Lake County to be 7,954. According to the most recent 2004 U.S. Census estimates, Lake County population is estimated at 7,656
2. **Summary** -- In Figure 1-1, the figure does not show location of problem waste collection sites. Please provide a base system map that accurately locates convenience centers, problem waste and recyclable collection sites.
3. **Summary** -- On page 8, under Recycling, it is noted that the convenience centers only collect metals and tires as the "recyclables collected." In the 2004 Annual Progress Report it is reported that the centers also collect lead acid batteries. This also appears in Table 1-8 under Recyclable Collection Assurance. Please clarify which is correct.
4. **Chapter 2.2** -- As noted above, 2004 U.S. Census estimates Lake County population at 7,656.

5. **Chapter 2.5** -- Please provide a total of three contacts for solid waste information regarding Weakley County Solid Waste Planning Region. One is insufficient.
6. **Chapter 2.8** -- In Table 2-3, two municipalities are listed along with the remainder of Lake County as providing municipal solid waste collection. Please confirm that this is door-to-door collection.
7. **Chapter 2.11** -- Provide a more detailed description of costs and revenues involving funding for solid waste programs and expenses in the region. Include capital cost considerations, staffing requirements, operating expenses, and revenues, by jurisdiction and program. Also, include programs other than recycling, i.e. diversion and education.
8. **Chapter 2.13** -- Provide a more detailed ten year budget by jurisdiction within the region describing capital cost considerations, staffing requirements, operating expenses, and revenues, by jurisdiction and program. Also, include programs other than recycling, i.e. diversion and education.
9. **Chapter 3.6** -- A listing of the major employers of the region has been omitted. Please provide this listing of major employers of the region.
10. **Chapter 3.7** -- Only three major contributors to the waste stream have been provided, one of which is listed as Lake County residents. Please provide five specific generators contributing to the waste stream in Lake County. This might include the prison, park, airport, restaurants or other institutions.
11. **Chapter 3.9** -- The plan references a more realistic base year. Please note that the Lake-Obion-Weakley Solid Waste Planning Region was given opportunity on three different occasions to amend submitted base-year generation values. The Lake-Obion-Weakley Solid Waste Planning Region took advantage of this base-year adjustment period and was granted an adjustment to 65,723 tons.
12. **Chapter 3.10** -- As noted in number 11, base-year value was adjusted to 65,723 tons after the region's request to adjust base-year tonnage. For consistency and accuracy previously approved base-year adjustment figures will be used. "Real-time accounting" method is not currently an option until a rule allowing this in qualitative assessment has been approved.
13. **Chapter 3.11** -- Table 3-6 contains incomplete data. Provide greater detail by each jurisdiction in the region, listing current reduction and diversion programs by each. Include how these programs are funded or generate revenues. These jurisdiction-by-jurisdiction descriptions should cover all the topics listed in this chapter plus any other that would fully explain the efforts in the given jurisdiction. (Examples would be the automotive fluid collection, lead-acid battery recycling, prison efforts, among others)
14. **Chapter 3.11** -- On page 31, under Recycling, it is noted that the convenience centers only collect metals and tires as the "recyclables collected." In the 2004 Annual Progress Report it is reported that the centers also collect lead-acid batteries. This also appears in Table 1-8 under Recyclable Collection Assurance. Please clarify which is correct.
15. **Chapter 3.11** -- List proposed programs and discuss ten-year trends and needs associated with these trends.
16. **Chapter 3.11** -- Describe education programs and opportunities in each jurisdiction and encouragement that the commercial and industrial sectors receive from these jurisdictions. These jurisdiction-by-

jurisdiction descriptions should cover all the topics listed in this chapter plus any other that would fully explain the efforts in the given jurisdiction.

17. **Chapter 4.1** – In Table 4-1, county funding for solid waste includes a wheel tax. This is inconsistent with the 2004 Annual Progress Report that only reports revenues from property tax to fund the solid waste program. Please clarify which is correct.
18. **Chapter 4.1** – Provide private hauler contact information and the number of trucks in the fleet serving this region.
19. **Chapter 5.2** – As noted previously in Item 3 and Item 14, batteries are included in the 2004 Annual Progress Report submission as being collected at the convenience center. Please clarify if the omission was in error on Table 5-1.
20. **Chapter 5.2** – The Northwest Correctional Complex also produces mulch but is not listed according to the submitted plan.
21. **Chapter 5.3** – Please include marketing efforts and principal end users to commodities recycled.
22. **Chapter 7.4** -- Provide additional details describing tire disposal sites available to meet the plan described in the submission. Describe what happens to the waste tires in the Region once they are collected.
23. **Chapter 7.5** – Describe what changes are foreseen or may be needed in the waste tire program in the future.
24. **Chapter 7.6** -- In the plan, it is noted that there is not a *significant* problem with waste tire dumping. This indicates there is some level of problem. Please describe specific sites and discuss the problem.
25. **Chapter 8.1** -- In Table 8-1, contact information has been omitted for the programs listed. Please include Name, Organization/sponsor, Phone number, and Address.
26. **Chapter 10.1** – Provide a summary (minutes) of the public hearing meeting held to approve plan.

Please consider, that in addition to the comments provided above, additional information may be necessary to adequately prepare a meaningful ten-year solid waste plan for your region.

If you have questions or need assistance, please contact, Larry Christley, Division of Solid Waste Management at (615) 532-0744 or email him at Larry.Christley@state.tn.us.

Sincerely,



Larry C. Christley
Environmental Specialist IV
Planning, Reporting and Waste Reduction

Cc: Mike Cary, Solid Waste Director Obion County



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

Division of Solid Waste Management
Section of Planning Reporting and Waste Reduction
8th Floor, L & C Tower, 401 Church Street
Nashville, Tennessee 37242-1533

July 26, 2005

Mr. Richard Perkins, Chairperson
Lake County Municipal Solid Waste Planning Region
220 Ashby Drive
Tiptonville, TN 38079

RE: Lake 10-Year Regional Solid Waste Plan

Dear Mr. Perkins:

Thank you for your submission of the Lake County 10-Year Regional Solid Waste Plan. We received your plan on July 22, 2005. The Division staff will complete the review of the region's plan within the next ninety days as required by the Solid Waste Act of 1991.

If you need additional information or have further questions, please contact me at (615) 532-0744.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry Christley".

Larry Christley
Environmental Specialist IV
Section of Planning, Reporting, and Waste Reduction

LCC:

Cc: Macie Roberson, Lake County Mayor
Wanda Fuzzell, Northwest Tennessee Development District
Mike Stooksberry, University of Tennessee, CTAS

LAKE COUNTY SOLID WASTE PLANNING REGION

SOLID WASTE MANAGEMENT PLAN

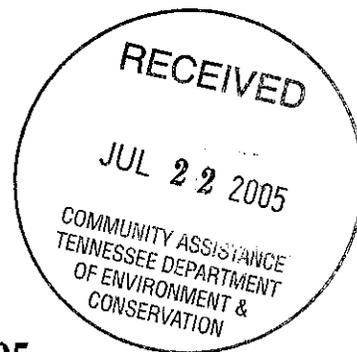


June 27, 2005

Northwest Tennessee Development District
124 Weldon Drive
P. O. Box 963
Martin, Tennessee 38237
(731) 587-4213

**LAKE COUNTY MUNICIPAL
SOLID WASTE PLANNING REGION**

**Solid Waste
Management Plan**



June 2005

Prepared by:

**Northwest Tennessee Development District
124 Weldon Drive
P. O. Box 963
Martin, Tennessee 38237
(731) 587-4213**

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- Appendix V: Certification of Accuracy for Information Included in the Lake County Regional Solid Waste Plan

INTRODUCTION

In response to the Solid Waste Management Act of 1991, local governments were required to form solid waste planning regions. One of the main responsibilities of each region was the preparation a comprehensive ten-year plan for the management of solid waste generated within the region. A region could be a group of counties, but the minimum size of a solid waste planning region was limited to a single county. In the cases where city or town limits crossed county lines, the city could choose the county it to plan with from those in which it was located. Upon the formation of a solid waste planning region, the act required the establishment of a regional solid waste planning board. The act established the role and responsibilities of these boards. The primary responsibility given to these boards was that of long range planning for solid waste management within the region. The main object of these plans was to provide the region's legislative bodies with the information necessary to make informed decisions assuring that safe, practical, and economical solid waste management was available to all citizens within the region.

The counties of Lake, Obion, and Weakley formed a three-county solid waste planning region in 1996 that was called the L-O-W Solid Waste Planning Region. The three counties decided to break up the region in 2004 and form a solid waste planning region in each individual county. Enabling resolutions were passed by each county's legislative body as follows:

- Lake County, October 18, 2004;
- Obion County, September 20, 2004; and
- Weakley County, November 15, 2004.

Then, according to the requirements of the Solid Waste Management Act of 1991, the County Mayors and Town Mayors in the region appointed members to a regional planning board. The appointment of these members was subject to ratification by the county commissions and town councils that they were to represent. The final step of the formation of the Lake County Regional Solid Waste Planning Board is the submittal of this Solid Waste Management Plan.

This document has been prepared in compliance with the state's requirements for the ten-year solid waste plan. The information contained in this plan will identify a course for and assist the region's decision-makers in coping with solid waste management issues for the future planning period. This plan will be updated annually on the Solid Waste Annual Progress Reports as required.

CHAPTER 1: Summary

Overview

Lake County is located in the northwest corner of Tennessee. The dominant land use in the region is agricultural. The region borders the Mississippi River on the west side; the State of Kentucky on the north side; Obion County, Tennessee on the east side; and Dyer County, Tennessee on the south side. Part of the Reelfoot Lake State Park and Wildlife Management Area, a major wildlife and recreation facility, is located partially in Lake County. Lake County has two municipalities within the county: the Town of Ridgely (population: 1,667) and the Town of Tiptonville (population: 2,439). The population of the rest of the county is 3,848 for a total population of 7,954 according to the 2000 U.S. Census.

Waste Management Strategy

Table 1-1 illustrates how waste was managed by Lake County in 2003.

Table 1-1 Lake County Solid Waste Management Methodology for Calendar Year 2003

Waste Management Method	Tons	Percentage
Recycled	429	6.8%
Composted/Mulched	457	7.3%
Incineration	944	15.0%
Class I Disposal	4,450	70.9%
Total	6,280	100.0%

The Lake County Solid Waste Planning Region is charged with the responsibility of ensuring that adequate solid waste collection and disposal capacity is available to all residents of the region. This is accomplished through:

- Continuing to ensure adequate and efficient solid waste collection and disposal services through contractual agreements;
- Operation of a convenience center for collection of solid waste, recyclables, and problem waste over the county;
- Promotion of residential, commercial, and industrial recycling markets; and
- Periodic availability of special programs such as Household Hazardous Waste Collection events.

Waste which cannot be eliminated from the waste stream through source reduction, re-use, recycling, composting, or diversion is routed to permitted Class I landfills located outside the county. A more detailed description of these programs is presented in the following paragraphs.

Waste Stream Generation and Characteristics

The Northwest Tennessee Development District Needs Assessment provided the values presented in Table I-2 for waste generation in the region.

Table 1-2 Estimated Distribution of Solid Waste According to Source. Based on National Values

Waste Source	Lake County 1999%	National Average 1999%
Residential	46	23
Commercial	11	48***
Industrial	5	29
Institutional	12	
Other	26	0
Total	100	100

*Source: Lake County Needs Assessment

** Source: EPA contracted study

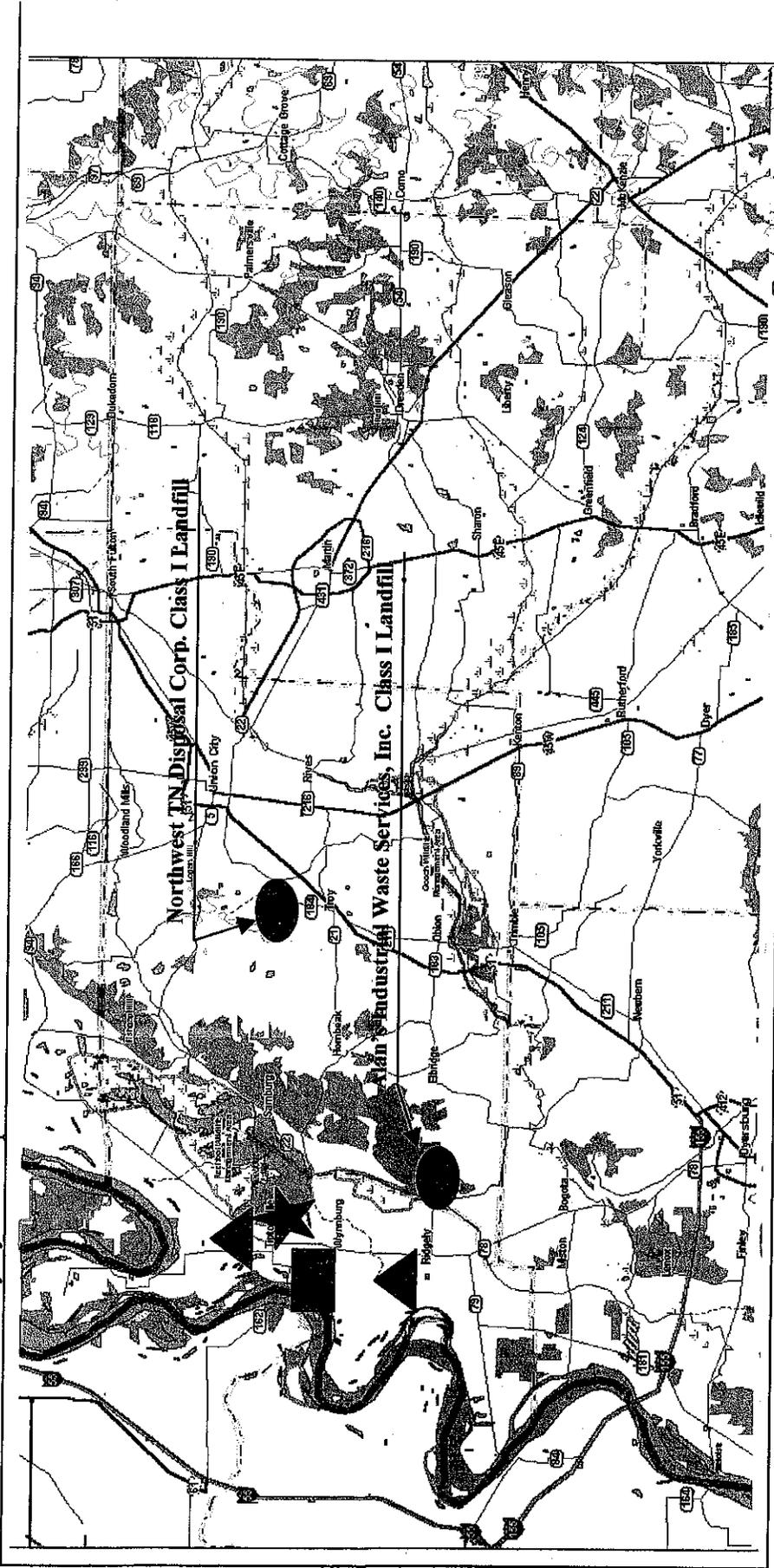
***This study combines the Commercial and Institutional Waste Categories

Solid Waste Collection

The two municipalities in Lake County provide waste collection services within the limits of incorporation. The Towns of Ridgely and Tiptonville provide house-to-house collection service directly and disposal service under contracts with private collection and disposal companies. Private collection and disposal companies offer voluntary subscription services to Lake County residents. Additionally, Lake County, Ridgely, and Tiptonville all contribute to the operation and maintenance of a convenience center located near the community of Wynnburg, which is between Tiptonville and Ridgely. This convenience center is operated for the collection of solid waste, recyclables, and problem wastes. Lake County has identified Alan's Industrial Waste – Gratio landfill as the point of disposal for waste collected at the convenience center. There are also two attended greenbox collection sites maintained in the county, one at Tiptonville and the other at Ridgely.

The locations of the convenience center and landfills that Lake County utilizes are included on Figure 1-1. A table listing the political entities within the Lake County Planning Region and the types of solid waste collection they provide follows as Table 1-3.

Figure 1-1 Lake County System Map



Legend



Landfill Facility



Convenience Center and
Recyclables Collection Site



Green box Site



Problem Waste Collection Site
(Perkins Tire and Service Center)



Table 1-3 Solid Waste Collection and Class I Disposal Services Available to Lake County Residents

County/Town	Service Recipient	Service Provided	How Financed	Accounting When Instituted/Legal Authority
Lake County	All residents of the county	Solid Waste Collection: Convenience Center collection of residential refuse and recyclables. Alan's Industrial Waste, Inc. landfill in Obion County identified by Lake County as the point of disposal for waste collected at the convenience center.	Class I solid waste collection and disposal financed through property tax, wheel tax, and contributions by other local governments.	Standard Chart of Accounts for County Government, Special Revenue Fund Pre-1989 T.C.A.68-211-835
Town of Ridgely	Residents of the Town of Ridgely	Residential - Twice per week curbside collection of refuse by the town. Disposal at Alan's Industrial Waste, Inc. in Obion County.	Paid for through General Fund transfer to sanitation fund. Subscribers pay a user fee.	Special Revenue Fund Pre-1989 Town Charter
Town of Tiptonville	Residents of the Town of Tiptonville	Residential - Twice per week curbside collection of refuse by the town. Disposal at Northwest TN Disposal Corp. Class I landfill in Obion County	Paid for through General Fund transfer to sanitation fund. Subscribers pay a user fee.	Special Revenue Fund Pre-1989 Town Charter

Waste Reduction, Recycling, Compost/Mulch, and Diversion Programs

Source Reduction

Source reduction is an important component in Lake County. For purposes of this document, all in-house diversion, recycling and waste minimization activities are categorized as source reduction. The county's proximity to some of the large recycling markets encourages many commercial, industrial and institutional establishments to contract directly with these markets. In calendar year 2002, the L-O-W Municipal Solid Waste Regional Planning Board performed a comprehensive survey of local businesses and industries for information on waste reduction programs and activities for calendar years 2000 and 2001. As a result of commercial and industrial waste reduction activities, 49,211.8 tons of waste in calendar year 2000 and 50,939.1 tons in calendar year 2001 never entered the waste stream and was diverted from Class I landfill disposal.

Recycling

The Lake County Solid Waste Planning Region has one public recyclables drop-off point. This recyclables drop-off point is the Lake County Convenience Center located near Tiptonville. Metals, tires, and lead acid batteries constitute the recyclables that are collected there. Metals collected at this location in 2003 totaled 20 tons and tires 30 tons. Clean lumber material is also salvaged at this facility when practical for give-away to local residents but no official tally of the amount of this material separated and recycled is kept.

Table 1-8 includes specific information on the convenience center and referenced recycling drop-off collection points in the county. In addition to public recycling, a few industries and institutions in the county have active recycling programs. Some of these recycling programs are available to the general public in the county. Recyclables collected by these facilities are typically scrap metals, lead acid batteries, and used automotive oil.

Composting and Mulching

Both municipalities in Lake County have leaf and yard waste collection. This collection service is separate from garbage collection and is typically integrated into public works employees' routine responsibilities for street maintenance. This material is sent to the Air Curtain Destructor, which is described below.

In 2003, the Northwest Tennessee Correctional Complex located near Tiptonville converted 457.11 tons of yard waste at their facility into mulch.

Waste Diversion

Lake County utilizes its Air Curtain Destructor to burn yard waste and storm debris. In 2003, 944 tons of this waste was burned at the Air Curtain Destructor and kept out of the Class I landfills.

Unfortunately, there are no Class III/IV landfills in the county. The nearest Class III/IV landfill is located in Dyersburg in neighboring Dyer County. In 2003, no records of any construction/demolition debris from Lake County going to any Class II/IV landfills were found.

Table 1-4 Waste reduction Programs and Tonnage Reduced or Diverted in Calendar Year 2003

Activity	Tons Diverted
Source Reduction:	
Private Recycling and Mulched	836.32
Recyclables:	
Lake County Recycling Drop-Off Program	50.00
Diversion:	
Lake County Air Curtain Destructor	944.00
Total	1,830.32

Disposal

All of the waste collected within the Lake County Solid Waste Planning Region which is not reduced, recycled or diverted from Class I landfill disposal is transferred to Class I landfills outside the region for disposal. Waste generated and collected within the county in calendar year 2003 for Class I disposal is shown in Table 1-5.

Table 1-5 Class I Landfills Used for Disposal of Class I Waste Generated Inside the Lake County Solid Waste Planning Region for 2003

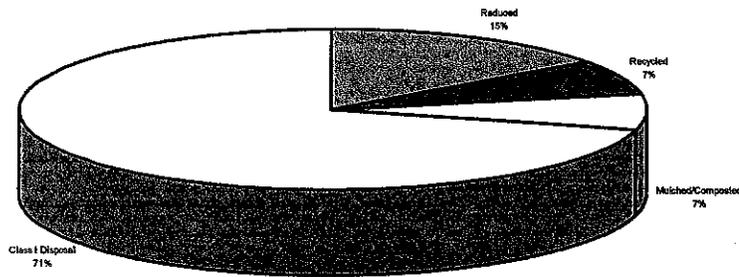
Exported to: County/State	Facility Name and Owner	Tonnage Disposed of in CY 2003
Obion County, Tennessee	SNL 66-000-0276 Alan's Industrial Waste, Inc. Alan Shirley, Owner	2,236.78
Obion County, Tennessee	SNL 66-101-0143 Northwest TN Disposal Corp. Republic Services, Inc., Owner	2,213.14
Total		4,449.92

A summary of the system wide management of waste generated in Lake County is presented in tabular form as Table 1-6. A pie chart representation of the information in Table 1-6 follows as Figure 1-1.

Table 1-6 Lake County Solid Waste Management Methodology for Calendar Year 2003

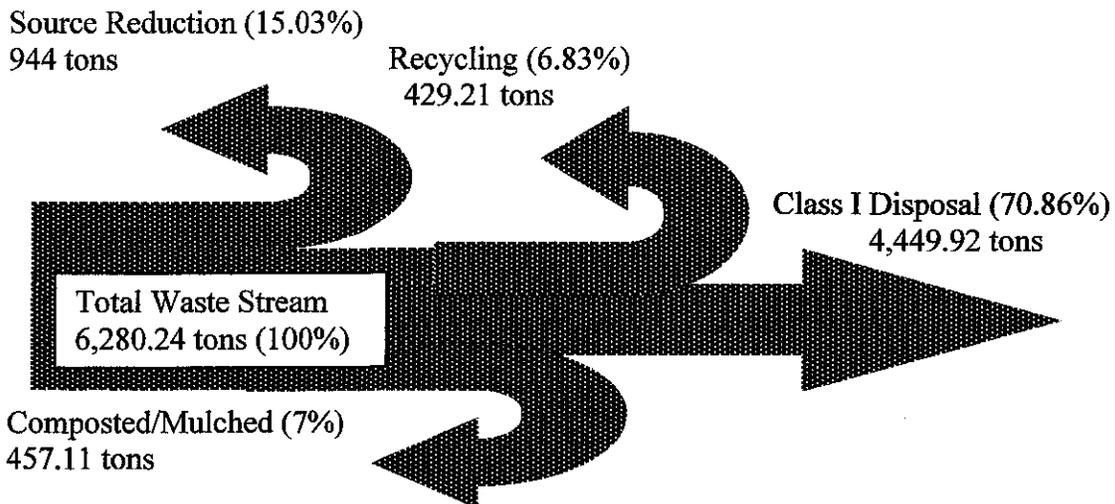
Waste Management Method	2003 Tons	Percent of Total Waste Stream
Reduced	944.00	15.03
Recycled	429.21	6.83
Compost/Mulch	457.11	7.28
Class I Disposal	4,449.92	70.86
Total	6,280.24	100.00

Figure 1-2 Pie Chart Representation of Lake County Region Waste Management Activities for Calendar Year 2003 Using Real-Time Accounting



A flow diagram of this waste management methodology for calendar year 2003 is shown as Figure 1-3.

Figure 1-3 Flow Diagram of Current Solid Waste Management Methodology for the Lake County Solid Waste Planning Region



Problem Waste Collection

Lake County has in-place or has the existence of programs for the collection problem wastes such as whole waste tires, used automotive oil and lead-acid batteries.

Waste Tires: Lake County operates under Option III of the State's waste tire management program. In Lake County, the tires are directed to Martin Tires located in Marion, Kentucky for processing and use as tire derived fuel.

Used Automotive Oil and Other Automotive Fluids: Perkins Tire Center accepts used automotive oil and other automotive fluids. This business is located in Tiptonville.

Lead-Acid Batteries: The Lake County Convenience Center accepts lead acid batteries. In addition to used automotive oil and other automotive fluids, Perkins Tire Center also accepts lead-acid batteries from the public.

Illegal Dumps and Litter Cleanup

Lake County provides roadside cleanups in conjunction with county litter enforcements and the Adopt-A-Highway Program using funds from the Litter Grant Program.

Solid Waste Education

There are numerous organizations within the Lake County Solid Waste Planning Region that provide education on solid waste management and resource conservation. The groups from within the county represent the local school system, both municipalities, and social and civic groups. State and federal agencies also cooperate in providing education on litter abatement and appropriate solid waste management. A more detailed summary of these organizations and their efforts can be found on the following table.

Table 1-7 List of Solid Waste Education Providers and Description of Programs

Agency	Activity	Youth	Adult	Commercial/Industrial Sector
Lake County Sheriff's Department	Enforcement of tarp and litter laws, education through example of litter collection programs.	✓	✓	✓
Litter Grant Program	Presentations to schools, civic groups and clubs on a request basis; works with local organizations and other industrial commercial entities and establishments to provide information on waste reduction and recycling.	✓	✓	✓
Development District	Education and technical assistance to local governments on solid waste management issues.		✓	
Lake County School System	Teach appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Town of Ridgely - Chamber of Commerce	The Chamber of Commerce in Ridgely promotes antilittering and coordinates beautification efforts within the city including the planting of flowers in the spring. The Mayor of Ridgely coordinates a town clean-up day in April of each year. These efforts by the chamber and the Mayor foster civic responsibility and pride and help instill conservation ethics among the town's citizens.	✓	✓	✓
Town of Tiptonville	The Town of Tiptonville hosts its own non-profit beautification organization. This organization coordinates town clean-up events and fundraisers for beautification projects. These efforts by the Tiptonville Beautification Organization foster civic responsibility and pride and help instill conservation ethics among the town's citizens.	✓	✓	✓

Tennessee State Parks					
Reelfoot Lake State Park and Wildlife Management Area	Litter education placards on trash receptacles throughout the facility.	✓	✓	✓	
University of Tennessee Agriculture Extension Service	Maintains the Lake County Agriculture Extension Service including the following programs	✓		✓	
4-H	Presentations on waste management and recycling as part of conservation education program. Collects recyclables to raise funds and promote resource conservation awareness.	✓			
Master Gardeners	Education on yard waste and leaf composting.			✓	
Agriculture Extension Service	Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.			✓	
Local Media- Channel 2	Television spots aired on anti-littering, recycling and problem waste management.	✓		✓	✓

Proposed Programs and Changes to Waste Management Strategy

Successful programs rely upon flexible strategies that adapt to changes in the field. These changes may include:

- emergence of innovative technology;
- opening of new markets and/or the closing of old ones;
- fluctuations in regional economy;
- swings in public perception; and
- changes in political policy in the county.

Lake County's waste management program leaders endeavor to continually improve their solid waste programs as new needs emerge and as new opportunities are presented to the county.

A highlight of the county's solid waste management infrastructure is the high degree of success of the recycling efforts at the Northwest Tennessee Correctional Complex. Significant portions of the waste stream are moved into recyclables processing before they become a part of the general waste stream.

Collection

Solid Waste collection is available to every household in the county through subscription services or municipal programs. Every county resident has the opportunity to contract either with Barker Brothers Waste, Inc. or Alan's Industrial Waste Services to collect their solid waste. Additionally, both the towns of Ridgely and Tiptonville provide house-to-house collection services within their city limits through contracts with the above waste haulers. Lake County operates a convenience center, which is available to all the residents of the county.

Waste reduction, Recycling, and Diversion Programs

Waste reduction, recycling and diversion have increased within Lake County from a reported 0% in 1994 to approximately 29% in 2003.

Even though Lake County is currently diverting a significant amount of its waste, the county recognizes that the areas of recycling and composting and other diversion programs are still areas for potential improvement. The county will continue to maximize the amount of recycling and waste diversion from Class I landfill disposal to the extent practicable. The county anticipates enhancements to its waste management programs some of which are addressed in the following paragraphs.

Waste Tire Recycling Program: Lake County officials are satisfied with their county's current waste tire diversion program as described in the previous section titled **Current Waste Management Strategy**.

Waste Diversion: Lake County will continue to take advantage of changes in markets for materials and technological innovation to improve existing programs.

Commercial and Industrial Recycling Program: Lake County anticipates maintaining the database of commercial and industrial waste reduction efforts in the region by monitoring statistical waste stream and economic indicator parameters. The county will use these statistical parameters gathered through state and local efforts to (1) pursue the continued education of the commercial and industrial members of the county as to what waste reduction, diversion and recycling opportunities are available in the area and (2) as a tool to reassess and modify the county's own waste reduction programs. The county will endeavor to expand the existing waste reduction and diversion programs as described under the previous section titled **Current Waste Management Strategy** as new business and industry is established in the county.

Class III/IV Diversion: Lake County recognizes that segregation of Class III/IV waste from the municipal solid waste stream enhances the potential for recycling and beneficial use of the separated material. As there is no Class III/IV landfill available in the county, this material is sent to the Lake County Air Curtain Destructor for incineration to reduce the amount of Class I landfill disposal.

Class I Disposal

The Lake County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to the need for increased solid waste disposal capacity for Class I waste. The county utilizes two Class I landfills located in neighboring Obion County. As previously described, the county assures adequate disposal capacity through utilization of these two privately owned landfills.

Figure 1-4 Lake County MSW Planning Region Implementation Schedule

Activity	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Waste Disposal/Landfill Operations																				
Barker Brothers Class I Landfill Open and Operating																				
Alan's Class II Landfill Open and Operating																				
Class I Waste Transfer to Regional Landfills																				
Countywide Disposal Assurance Implemented for Lake County																				
Collection																				
Establish and Operate Lake County Convenience Centers Collection Program																				
Waste Reduction Programs																				
Establishment and Operation of Drop-off Recycling Collection Point in Lake County																				
Operate Household Hazardous Waste Collection Events for Lake County																				
Establish Waste Tire Diversion Program for Lake County																				
Solid Waste Education																				
Lake County's Anti-Litter Program Campaign																				

Other Governmental Entities Within the Lake County Solid Waste Planning Region

The two municipalities in Lake County provide waste collection services within the limits of incorporation under contracts with private collection companies. Additionally, Lake County has contracted with private waste collection companies to provide MSW collection to every resident in the county on a voluntary subscription basis. The local government entities within the county anticipate no significant changes to these programs in the near future. However, these local governments will continue to monitor these programs in order to provide residents of the county with the most cost effect and environmentally sound solid waste collection and management programs possible.

Lake County's Compliance With Mandates of the Solid Waste Management Act of 1991

A table listing each of the mandates of the act and the county's programs that assure compliance with these mandates follows as Table 1-8.

Solid Waste Funding

The projected ten-year solid waste budgets for the Lake County governmental entities providing solid waste collection and disposal services are included in Chapter 2 as Table 2-4. Funding sources for solid waste programs have been in place for several years and are anticipated to keep pace with solid waste expenditures.

Table 1-8 Current Status of Lake County Government Programs Mandated by the Solid Waste Management Act of 1991

Current Status of Lake County Government Programs Mandated by the Solid Waste Management Act of 1991

<p>Twenty-Five Percent Waste Reduction Goal</p>	<ul style="list-style-type: none"> • 1995 Base Year established from information supplied in Regional Annual Report for 1995: 0.6915 tons per person disposed per year • 2003 Goal: 0.5186 tons per person per year (75% of base year disposal rate) • Current Waste Disposal Rate: 0.5595 tons per person per year • Current Estimated Waste Generation Rate: 0.7896 tons per person per year <p>Lake County is currently <u>not</u> meeting its waste reduction goal using base year accounting methodology, however the county has documented 29% waste reduction in Calendar Year 2003 based on 'real-time' accounting method.</p>
<p>County-Wide Collection Assurance</p>	<p>Convenience Center. Additionally, Lake County and the municipalities of Ridgely and Tiptonville maintain two attended green box waste collection sites.</p>
<p>County-Wide Disposal Assurance</p>	<p>Municipal Collection</p>
<p>Problem Waste Disposal Assurance Whole Waste Tires:</p>	<p>Contracts with Barker Brothers Waste Inc. and Alan's Industrial Waste Corp. to provide disposal through ten year planning period.</p> <p>Option III: reimbursement of \$70.00 per ton not to exceed the county's calculated waste stream of waste tires. No state provided shredding service under this option. County must have an end user contractor and shall not landfill tires.</p> <p>Waste Tire Collection Site:</p> <p>Lake County Convenience Center North Wynnburg Road Tiptonville, TN 38079 Contact: Macie Roberson, County Mayor Phone: (731) 253-7382</p>

<p>Lead-Acid Batteries Used Automotive Oil Other Automotive Fluids</p>	<p>Perkins Tire Center 1441 Church Street Tiptonville, TN 38079 (731)253-7653</p> <p>Lake County Convenience Center (Lead-Acid Batteries) North Wynnburg Road Tiptonville, TN 38079 Contact: Macie Roberson, County Mayor Phone: (731) 253-7382</p>
<p>Recyclable Collection Assurance</p>	<p>Lake County Convenience Center North Wynnburg Road Tiptonville, TN 38079</p>
<p>Solid Waste Education Planning</p>	<p>Material Collected: Tires, Scrap Metal</p> <p>Provided by groups from within the region representing the school system, both municipalities and social and civic groups. State and federal agencies also cooperate in providing education on litter abatement and appropriate solid waste management.</p>
<p>Full Financial Disclosure and Accountability</p>	<p>Yes</p>
<p>Mandated Planning, Reporting, and Record Keeping</p>	<p>Yes</p>
<p>Annual Reports</p>	<p>All Annual Solid Waste Reports are up to date.</p>

CHAPTER 2: General Information about the Region

1. Region Name: Lake County Solid Waste Planning Region

Table 2-1 City and County Populations*

MUNICIPALITY	POPULATION
Town of Ridgely	1,667
Town of Tiptonville	2,439
Remainder of Lake County	3,848
Total	7,954

*Population Based on U.S. Census Data for 2000

2. Total Population of Region

The total population for Lake County according to the 2000 census is estimated at 7,954 people.

3. Lake County Solid Waste Board

A complete list of the Lake County Solid Waste Board members, the entity they represent, and their terms is included in Table 2-2 and Appendix I. The Lake County Solid Waste Board is comprised of five (5) members. These members, as defined in the region's formative resolution represent the following jurisdictions: one member representing Lake County and the Town of Ridgely for a six (6) year term; one member representing Lake County and the Town of Tiptonville for a four (4) year term; and three members representing Lake County: one member for a six (6) year term, one member for a four (4) year term, and one member for a two (2) year term. The Lake County Solid Waste Board Chairperson is:

Name: Richard Perkins
Title: Lake County Solid Waste Board Chairperson
Address: 220 Ashby Drive, Tiptonville, TN 38079
Phone: (731) 253-7200

Table 2-2 Lake County Solid Waste Board

Member Name	Jurisdiction Represented	Mailing Address	Daytime Phone	Term of Office	
				Start	End
Richard Perkins	Tiptonville	220 Ashby Drive Tiptonville, TN 38079	(731) 253-7200	10/18/04	10/18/08
Denny Johnson	Ridgely	305 North Main Street Ridgely, TN 38080	(731) 264-5983	10/18/04	10/18/10
Wayne Hatley	Lake County	604 Cates Street Tiptonville, TN 38079	(731) 253-7170	10/18/04	10/18/10
Tony White	Lake County	Hwy. 78 Tiptonville, TN 38079	(731) 253-6047	10/18/04	10/18/08
Tony Bargery	Lake County	Tank Two Road Ridgely, TN 38080	(731) 264-5343	10/18/04	10/18/06

4. Part 9 Solid Waste Authority

The region has not formed a Part 9 Solid Waste Authority.

5. Contacts for Solid Waste Information Regarding the Lake County Solid Waste Planning Region:

Name: Macie Roberson
Title: Lake County Mayor
Address: Lake County Courthouse, Box 1, Tiptonville, TN 38079
Phone: (731) 253-7382

Name: Richard Perkins
Title: Lake County Solid Waste Board Chairperson
Address: 220 Ashby Drive, Tiptonville, TN 38079
Phone: (731) 253-7200

Name: Wanda Fuzzell
Title: NWTDD Solid Waste Planner
Address: P. O. Box 963, Martin, TN 38237
Phone: (731) 587-4213

6. Activity of Solid Waste Board

The Lake County Regional Solid Waste Board is scheduled to meet when there is sufficient business to warrant a meeting. In addition to board members, various members of county and city government may attend the board meetings. Various members of the county and city governments in the region assist in information gathering and reporting to the board on solid waste management issues relating to the county. Members of the audience at these meetings may consist of various interested parties inside and outside of local government. Parties outside of local government may include consultants, vendors, environmental groups, and interested citizens.

The Board reviews and approves each Regional Solid Waste Plan Annual Report prior to submittal to the state. The county makes every effort to see that these plans are submitted in a timely manner. The Regional Solid Waste Planning Board is also aware that the Solid Waste Management Act requires that the board review and approve each permit for proposed new solid waste facilities prior to permit issuance by the state. The following steps as outlined by the TDEC-Division of Solid Waste Management are necessary regarding permit review by the Lake County Solid Waste Board.

Permit Review by Regional Solid Waste Boards
Per the Solid Waste Management Act [T.C.A. 68-211-814(b)(1)(D)]

1. The applicant must apply to the Regional Solid Waste Board at or before the time the application process for technical review is initiated with the Division of Solid Waste Management.
2. If the application is in order and the applicant wants to continue, the board must hold a public hearing with proper notice and a written record of the proceedings.
3. When the Board votes on the application, they are not expected to examine the proposal for technical merit. They are expected to compare the project with the financial needs and disposal plans described in the Region's approved ten-year plan and determine if the application is consistent with the plan's vision for the region.
4. The regional board has 90 days after the receipt of an application to make a decision. Once a decision is made, it must be communicated in writing to the Commissioner of Environment and Conservation, and cc: to the Director of Solid Waste Management.
5. A decision by the Region may be appealed in the Davidson County Chancery Court (regardless of the county the board represents).

7. Region Formation and Structure

The L-O-W Region, comprised of Lake, Obion, and Weakley Counties decided to disband as a region in 2004. Lake County passed a formal resolution to withdraw from the L-O-W Region and form the Lake County Solid Waste Region on October 18, 2004. The criteria for forming a single county region is as follows:

- The three counties of the L-O-W Region were starting to go in different directions in relation to solid waste issues;
- Reporting solid waste issues and progress would be easier to report for single county regions; and
- Difficulties, such as scheduling conflicts, arose when planning meetings of the Regional Solid Waste Board that sometimes resulted in a quorum not being present.

8. Municipalities Providing Collection Services in the Region

Both Ridgely and Tiptonville provide subscription service for door-to-door collection service for their residents. The remainder of Lake County has availability to door-to-door collection service if they choose to subscribe with a private hauler. Door-to-door collection service is available to all residents of Lake County. A list of the municipalities providing collection services to their residents with their respective populations follows as Table 2-3.

Table 2-3 Municipalities within the Lake County Solid Waste Planning Region That Provide Municipal Solid Waste Collection

MUNICIPALITY	POPULATION
Town of Ridgely	1,667
Town of Tiptonville	2,439
Remainder of Lake County	3,848
Total	7,954

9. Geographic and Demographic Description of the Region

Lake County is located in the extreme northwest corner of Tennessee. The geographic size of the county is 163 square miles. The dominant land use in the region is agriculture. The county borders the Mississippi River on the west side; the State of Kentucky on the north side; Obion County, Tennessee on the east side; and Dyer County, Tennessee on the south side. Part of the Reelfoot Lake State Park and Wildlife Management Area, a major wildlife and recreation facility, is located within the county.

Lake County is located wholly in the Northern Mississippi Alluvial Plain of the Mississippi Alluvial Plain Eco-Region. It is a relatively flat region of Quaternary alluvial deposits of sand, silt, clay, and gravel. It is bounded distinctly on the east by the Bluff Hills and on the west by the Mississippi River. Average elevations are 200-300 feet with little relief. Most of the county is cropland, with some areas of deciduous forest. Soybeans, cotton, corn, sorghum, and vegetables are the main crops. The natural vegetation consists of Southern floodplain forest (oak, tupelo, bald cypress). The two main distinctions in the sub-ecoregion are between areas of loamy, silty, and sandy soils with better drainage, and areas of more clayey soils of poor drainage that may contain wooded swamp-land and oxbow lakes. Waterfowl, raptors, and migratory songbirds are relatively abundant in the region.

According to the 2000 U. S. Census, 23.6% of persons living in Lake County are below the poverty level. The median household income in 1999 was \$21,995. Only 56% of the population are high school graduates and only 5.4% of the population hold Bachelor's degrees or higher. In 2001, there were 91 private, non-farm establishments with paid employees with an employment figure of 660.

10. Solid Waste Service Fee

Lake County does not impose a solid waste fee on the residents of the county as defined by T.C.A. 68-211-835(g)(1).

The fee referred to in this statement (and as defined by the citation noted) is specifically authorized by state law to fund or partially fund solid waste services in the absence of; in lieu of; or in addition to "user fees" and property taxes. This fee can be levied by counties, municipalities or solid waste authorities for solid waste services. The fee is assessed on all residents of the county or special service area for which the service is provided regardless of whether the resident utilizes the service. Accurate as stated, "Lake County does not impose a solid waste fee on the residents of the county as defined by T.C.A. 68-211-835(g)(1)".

Table 2-4 identifies all revenue streams used by the specific jurisdiction noted to fund solid waste programs. Table 4-1 identifies revenue streams for solid waste collection and Class I landfill disposal service assessed by each jurisdiction and the means by which it is accounted for. This table also includes the current funding mechanisms used for calendar year 2003, the frequency of assessment, when the funding mechanism was instituted and by what legal authority.

11. Public Funding Costs and Revenues

The sources of revenue for the municipality of Lake County are derived from property tax, local sales tax, and wheel tax. The municipalities of Ridgely and Tiptonville charge user fees to their resident to fund their solid waste programs.

Table 2-4 summarizes the cost and revenues involved in the public funding for solid waste programs and expenses in the county. Funding for these jurisdictions is satisfactory. The existing revenue streams are currently meeting solid waste expenditures.

12. Uniform Accounting Methods for Each City and County Requirement

Both Ridgely and Tiptonville are in compliance with the financial accounting requirements of the Solid Waste Management Act using a special revenue fund. Lake County continues to use the Standard Chart of Accounts for County Government with solid waste costs accounted for in a Special Revenue Fund.

13. Proposed Ten-Year Solid Waste Budget for Region

Table 2-4 presents the ten-year solid waste budgets for political entities within the region which offer solid waste collection and/or disposal services.

Table 2-4 Proposed Ten Year Budgets for Local Governments in the Lake County MSW Planning Region

	Fiscal Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2008-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Lake County												
Expenditures												
Waste Disposal												
Salary	\$	22,411	\$ 23,195	\$ 24,007	\$ 24,847	\$ 25,717	\$ 26,617	\$ 27,548	\$ 28,513	\$ 29,511	\$ 30,544	\$ 31,613
Contracted Services	\$	5,750	\$ 5,951	\$ 6,180	\$ 6,375	\$ 6,598	\$ 6,829	\$ 7,088	\$ 7,316	\$ 7,572	\$ 7,837	\$ 8,111
Supplies	\$	5,800	\$ 6,003	\$ 6,213	\$ 6,431	\$ 6,656	\$ 6,889	\$ 7,130	\$ 7,379	\$ 7,637	\$ 7,905	\$ 8,181
Fees	\$	530	\$ 549	\$ 568	\$ 588	\$ 608	\$ 629	\$ 652	\$ 674	\$ 698	\$ 722	\$ 748
Sub-total Expenditures	\$	34,491	\$ 35,688	\$ 36,948	\$ 38,241	\$ 39,579	\$ 40,964	\$ 42,388	\$ 43,862	\$ 45,418	\$ 47,008	\$ 48,653
Contracts with Gov't. Agencies	\$	33,000	\$ 34,155	\$ 35,350	\$ 36,588	\$ 37,868	\$ 39,194	\$ 40,565	\$ 41,985	\$ 43,455	\$ 44,976	\$ 46,550
Total Expenditures	\$	67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Revenues												
General Fund	\$	67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Total Revenues	\$	67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Town of Ridgely												
Expenditures												
Collection and Disposal	\$	101,080	\$ 105,123	\$ 109,328	\$ 113,701	\$ 118,249	\$ 122,979	\$ 127,898	\$ 133,014	\$ 138,335	\$ 143,868	\$ 149,623
Incinerator	\$	13,119	\$ 13,644	\$ 14,190	\$ 14,757	\$ 15,347	\$ 15,961	\$ 16,600	\$ 17,264	\$ 17,954	\$ 18,672	\$ 19,419
Total Expenditures	\$	114,199	\$ 118,767	\$ 123,518	\$ 128,458	\$ 133,597	\$ 138,941	\$ 144,498	\$ 150,278	\$ 156,289	\$ 162,541	\$ 169,042
Revenues												
User Fees	\$	108,100	\$ 112,424	\$ 116,921	\$ 121,598	\$ 126,462	\$ 131,520	\$ 136,781	\$ 142,252	\$ 147,942	\$ 153,860	\$ 160,014
Total Revenues	\$	108,100	\$ 112,424	\$ 116,921	\$ 121,598	\$ 126,462	\$ 131,520	\$ 136,781	\$ 142,252	\$ 147,942	\$ 153,860	\$ 160,014
Town of Tiptonville												
Expenditures												
Incinerator	\$	13,120	\$ 13,579	\$ 14,054	\$ 14,546	\$ 15,056	\$ 15,582	\$ 16,128	\$ 16,692	\$ 17,277	\$ 17,881	\$ 18,507
Landfill	\$	28,400	\$ 27,324	\$ 26,280	\$ 25,270	\$ 24,295	\$ 23,355	\$ 22,452	\$ 21,588	\$ 20,764	\$ 19,980	\$ 19,240
Collection	\$	104,950	\$ 108,623	\$ 112,425	\$ 116,360	\$ 120,433	\$ 124,648	\$ 129,010	\$ 133,528	\$ 138,199	\$ 143,036	\$ 148,042
Total Expenditures	\$	144,470	\$ 149,526	\$ 154,760	\$ 160,176	\$ 165,783	\$ 171,585	\$ 177,581	\$ 183,805	\$ 190,239	\$ 196,898	\$ 203,789
Revenues												
User Fees	\$	150,000	\$ 153,000	\$ 156,355	\$ 160,897	\$ 166,634	\$ 172,571	\$ 178,716	\$ 185,076	\$ 191,659	\$ 198,472	\$ 205,523
Total Revenues	\$	150,000	\$ 153,000	\$ 156,355	\$ 160,897	\$ 166,634	\$ 172,571	\$ 178,716	\$ 185,076	\$ 191,659	\$ 198,472	\$ 205,523

14. Solid Waste Budgets Contacts

Table 2-5 Solid Waste Budget Contacts for Each Political Entity Within the Solid Waste Planning Region

MUNICIPALITY	SOLID WASTE BUDGET CONTACT	SOLID WASTE PROGRAM CONTACT
LAKE COUNTY	Name: Macie Roberson Title: County Mayor Phone: (731) 253-7382	Name: same Title: Phone:
TOWN OF RIDGELY	Name: Butch Wood Title: Waterworks Supt. Phone: (731) 264-5070	Name: same Title: Phone:
TOWN OF TIPTONVILLE	Name: Danny Cook Title: Mayor Phone: (731) 253-9922	Name: Fran Hern Title: Finance Director Phone: (731) 253-9922

CHAPTER 3: Waste Streams

1. 2003 Solid Waste Generation

Table 3-1 Solid Waste generated Within the Region and Disposed of in Class I Landfills or MSW Incinerators in 2003

Facility	Tonnage
SNL 66-101-0143 located in Obion County, Alan's Industrial Waste, Alan Shirley, owner	2,236.78
SNL 66-101-0143 located in Obion County, Northwest TN Disposal Corp., Republic Services, Inc., owner	2,213.14
Total Tonnage	4,449.92

2. Solid Waste Distribution in Class I Landfills by Source

Table 3-2 Solid Waste Distribution in Class I Landfills by Source

Waste Source	Percentage
Residential	46%
Commercial	11%
Industrial	5%
Institutional	12%
Other	26%
Total	100%

3. Solid Waste Distribution in Class I Landfills by Type

Table 3-3 Solid Waste Distribution in Class I Landfills by Type

Category	Percentage
Yard Waste	15%
Construction/Demolition Waste	13%
Tires	0%
Recyclables	32%
White Goods	0%
Regular Municipal Solid Waste	40%
Total	100%

4. Amount of Waste Reduced and/or Diverted from the Total Generated Waste Stream in 2003

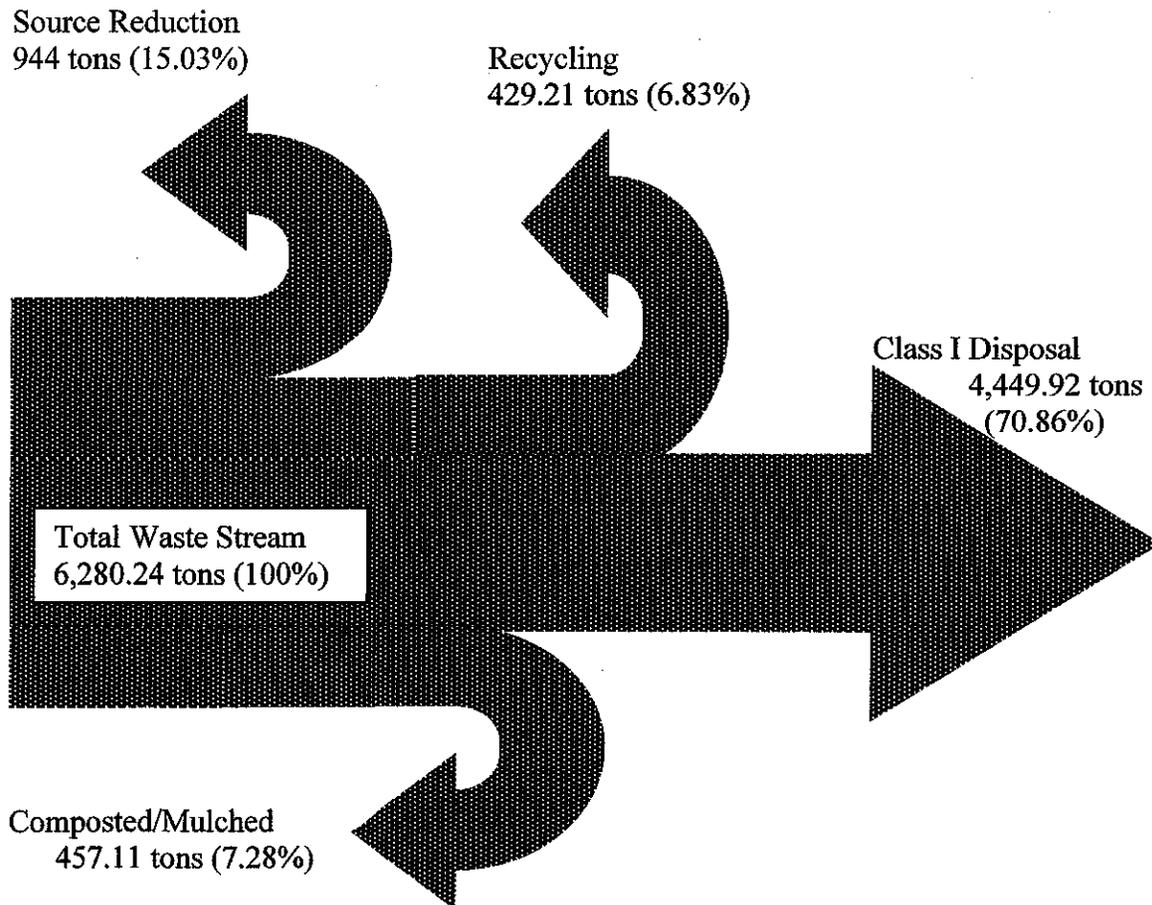
Table 3-4 Waste Not Disposed of in Class I Landfills or Incinerators in 2003

Item	Tons	% of Total Waste Stream
Source Reduction	944.00	15.03%
Recycled	429.21	6.83%
Composted/Mulched	457.11	7.28%
Class III/IV Diversion	0.00	0.00%
Unmanaged Waste	Negligible*	Negligible*
Class I Disposal	4,449.92	70.86%
Total	6,280.24	100%

The amount of unmanaged waste is assumed to be negligible in comparison with other tonnages above. This assumption is based on the lack of complaints on waste dumping and by the visual observations of employees of the county.

All of the figures above (with the exception of Unmanaged Waste) were taken from the L-O-W Solid Waste Planning Region 2003 Annual Progress Report.

Figure 3-1 Lake County Waste Flow Diagram



5. Regional Demographic Trends

Lake County is still a relatively rural county with abundant opportunity for outdoor recreation and hunter/sportsman pursuits. The county is bounded on the west by the most significant waterway in the United States, the Mississippi River. The county has a rich heritage and its people still possess the strength of character exhibited by the early settlers. Population growth is stable and no change to the predominantly agrarian economy is predicted.

As a result of the aforementioned trends, Lake County anticipates that the residential waste stream will remain stable.

6. Regional Economic Conditions

The unemployment rate in Lake County was 6.4% for December of 2004. The state's unemployment rate for the corresponding period of time was 4.8% with no seasonal adjustment. Employment opportunities in Lake County are found primarily in the agriculture and tourist sectors. Occupations in these areas generally tend to be lower paying than those in the industrial or information sectors of the work force. The Northwest Tennessee Correctional Complex, located in Tiptonville, is the largest single employer in Lake County. The commercial and industrial sectors of the economy are expected to grow at a steady rate similar to that seen over the last five years.

As a result of the aforementioned trends, Lake County anticipates that the commercial and industrial waste stream will increase proportionately to population growth and proportionately with respect to the existing waste categories identified in Table 3-2.

7. Major Contributors to the Region's Waste Disposal

- Contributor's Name: Lake County Residents
Contact Name: Macie Roberson, County Mayor
Address: Lake County Courthouse
Box 1
Tiptonville, TN 38079
Phone: (731) 253-7382
Waste Types: Residential
% Contributed to Waste Stream: 60%

- Contributor's Name: Reelfoot Lake Area Restaurants
 Contact Name: Macie Roberson, County Mayor
 Address: Lake County Courthouse, Box 1
 Tiptonville, TN 38079
 Phone: (731) 253-7382
 Waste Types: Commercial
 % Contributed to Waste Stream: 13%
- Contributor's Name: Reelfoot Products
 Contact Name: Andrea Davis, Plant Manager
 Address: 305 Dillard Street
 Ridgely, TN 38080
 Phone: (731) 264-0341
 Waste Types: Industrial
 % Contributed to Waste Stream: 10%
- Contributor's Name: Northwest Tennessee Correctional Complex
 Contact Name: Mike Holloway
 Address: Route 1, Box 660
 Tiptonville, TN 38079
 Phone: (731) 253-5210
 Waste Types: Institutional
 % Contributed to Waste Stream: 2%
- Contributor's Name: Blooming Things
 Contact Name: Jimmy Clements
 Address: 321 Church Street
 Tiptonville, TN 38079
 Phone: (731) 253-6299
 Waste Types: Commercial
 % Contributed to Waste Steam: 1%

8. Clean Up and Litter Prevention Programs

Lake County does not conduct formal surveys of roadside dumps. However, upon finding one or having one reported, the county highway department or the sheriff's department responds as needed. If warranted, information on roadside dumping is turned over to a Tennessee Highway Patrol Litter Officer or to the Tennessee Department of Environment and Conservation. To date, the reported dumps have been few in numbers and minor in extent. If at some time in the future there is a noticeable increase, the county may devise a system for accounting for these sites if there are sufficient budget and personnel to do so.

Contact Person: Macie Roberson
 Title: Lake County Mayor
 Phone: (731) 253-7382

9. The 25% Waste Reduction and Diversion Goal: Comment on the Economic Growth Adjustment Formula

The use of an economic growth adjustment formula could prove to be of some benefit for Lake County if a realistic base year waste generation rate was determined and could be revised as necessary to account for demographic and economic changes over time. Lake County has a residential, commercial, and industrial base that is relatively stable compared to some of the higher growth areas in the state. However, the county could more fairly account for waste reduction within its boundaries with application of a more realistic base year waste generation rate and with provisions for economic growth. In any case, a more thorough review of the formula in conjunction with more realistic base year waste generation data would be required before any definitive opinion could be developed. The county's preference would be to implement a "real-time" accounting system for waste reduction in the county, which would allow the county the flexibility to accurately account for waste reduction as the economy grows over time.

10. Effects of 1995 Base Year and 2003 Goal Year for 25% Waste Reduction and Diversion Goal

The base year generation rate for Lake County is significantly lower than the State of Tennessee average. Until the base year number is adjusted to reflect a more realistic waste generation rate for the county, waste reduction, diversion, and recycling efforts cannot be accurately accounted for. This has the potential to confuse the public and local decision-makers in planning for future waste reduction programs. The county has a relatively stable economy and needs to account for actual waste reduction by realistic methods as with a "real-time" accounting format. In lieu of this, the county should be allowed to establish a more reasonable base year waste generation rate.

11. Current Reduction and Diversion Programs

The following paragraphs describe the waste reduction and diversion programs in Lake County.

Source Reduction

Source reduction is an important component in Lake County. For purposes of this document, all in-house diversion, recycling and waste minimization activities are categorized as source reduction. The county's proximity to some of the large recycling markets encourages many commercial, industrial and institutional establishments to contract directly with these markets. In calendar year 2002, the L-O-W Municipal Solid Waste Regional Planning Board performed a comprehensive survey of local businesses and industries for information on waste reduction programs and activities for calendar years 2000 and 2001. As a result of commercial and industrial waste reduction activities, 49,211.8 tons of waste in calendar year 2000 and

50,939.1 tons in calendar year 2001 never entered the waste stream and was diverted from Class I landfill disposal.

Recycling

The Lake County Solid Waste Planning Region has one public recyclables drop-off point. This recyclables drop-off point is the Lake County Convenience Center located near Tiptonville. Metals, tires, and lead-acid batteries constitute the recyclables that are collected there. Metals collected at this location in 2003 totaled 20 tons and tires 30 tons. Clean lumber material is also salvaged at this facility when practical for give-away to local residents but no official tally of the amount of this material separated and recycled is kept.

Table 1-8 includes specific information on the convenience center and referenced recycling drop-off collection points in the county. In addition to public recycling, a few industries and institutions in the county have active recycling programs. Some of these recycling programs are available to the general public in the county. Recyclables collected by these facilities are typically scrap metals, lead acid batteries, and used automotive oil.

Composting and Mulching

Both municipalities in Lake County have leaf and yard waste collection. This collection service is separate from garbage collection and is typically integrated into public works employees' routine responsibilities for street maintenance. This material is sent to the Air Curtain Destructor, which is described below.

In 2003, the Northwest Tennessee Correctional Complex located near Tiptonville converted 457.11 tons of yard waste at their facility into mulch.

Waste Diversion

Lake County utilizes its Air Curtain Destructor to burn yard waste and storm damage waste. In 2003, 944 tons of this waste was burned at the Air Curtain Destructor and kept out of the Class I landfills.

Unfortunately, there are no Class III/IV landfills in the county. The nearest Class III/IV landfill is located in Dyersburg in neighboring Dyer County. In 2003, no records of any construction/demolition debris from Lake County going to any Class III/IV landfills were found.

Table 3-5 Waste Reduction Programs and Tonnage reduced or Diverted in 2003

Activity	Tons Diverted
Source Reduction:	
Private Recycling and Mulched	836.32
Recyclables:	
Lake County Recycling Drop-Off Program	50.00
Diversion:	
Lake County Air Curtain Destructor	944.00
Total	1,830.32

Education

Educational programs and opportunities in each jurisdiction and encouragement that the commercial and industrial sectors receive from these jurisdictions are listed in Table 8-1.

Table 3-6 Summary of Solid Waste Reduction & Diversion Programs Operated Within the Lake County Solid Waste Planning Region

Circuit Program	Rebate Success Log	Funding and Revenues
Lake County, Tiptonville, and Ridgely Recycling Program	Lake County and the Towns of Tiptonville and Ridgely cooperatively operate one convenience center and two greenbox sites. Tires, metals, and lead-acid batteries are successfully recycled at the convenience center.	The funding for this program is through the property tax and wheel tax.
Municipal Yard Waste Diversion Programs	Both municipalities in Lake County operate a leaf and yard waste collection program in addition to garbage collection. These programs have successfully diverted several tons of material from Class I landfill disposal.	These programs are integrated into the respective municipal public works departments and are funded through the budgets for these departments. There are no revenues associated with these programs.

Proposed Programs and Changes to Waste Management Strategy

Successful programs rely upon flexible strategies that adapt to changes in the field. These changes may include:

- emergence of innovative technology;
- opening of new markets and/or the closing of old ones;
- fluctuations in regional economy;
- swings in public perception;
- changes in political policy in the region.

Lake County's waste management program leaders endeavor to continually improve their solid waste programs as new needs emerge and as new opportunities are presented to the county.

A highlight of the county's solid waste management infrastructure is the high degree of success of some of the industrial and institutional facilities in the county in source reduction efforts. Significant portions of waste streams at manufacturing plants or the state correctional complex are moved into other use markets or to recyclables processing before they become a part of the general waste stream.

Collection

Solid waste collection is available to every household in the county through subscription services or municipal programs. Lake County contracts with Barker Brothers to provide this service to county residents on a subscription basis. Additionally, both Ridgely and Tiptonville provide house-to-house collection services within the city limits either through local operation or contract. Lake County also operates a convenience center available to all the residents of the county.

Waste Reduction, Recycling, and Diversion Programs

Waste reduction, recycling and diversion have increased within Lake County from a reported 0% in 1994 to approximately 29% in 2003. Industrial, commercial, and institutional facilities throughout the county work diligently in their contributions to the county's waste reduction efforts.

Even though the Lake County Solid Waste Planning Region is currently diverting a significant amount of its waste, the county recognizes that the areas of recycling and composting and other diversion programs are still areas for potential improvement. The county will continue to maximize the amount of recycling and waste diversion from Class I landfills disposal to the extent practicable. The county anticipates enhancements to its waste management programs, some of which are addressed in the following paragraphs.

Waste Tire Recycling Program: Lake County operates their waste tire recycling program under Option III of the State's waste tire management program. The tires are directed to Mac's Tires in Saltillo, Mississippi for processing and use as tire derived fuel. Lake County officials are satisfied with their county's waste tire diversion program.

Waste Diversion: Lake County will continue to take advantage of changes in markets for materials and technological innovation to improve existing programs. Both municipalities in the county will continue to divert yard and storm debris to the Lake County Air Curtain Destructor for incineration.

Commercial and Industrial Recycling Program: Lake County anticipates maintaining the database of commercial and industrial waste reduction efforts in the county by monitoring statistical waste stream and economic indicator parameters. The county will use these statistical parameters gathered through state and local efforts to (1) pursue the continued education of the commercial and industrial members of the county as to what waste reduction, diversion and recycling opportunities are available in the county and (2) as a tool to reassess and modify the county's waste reduction programs. Lake County will endeavor to expand the existing waste reduction and diversion programs as described under the previous section titled Current Waste Management Strategy as new business and industry is established in the county.

Class I Disposal

The Lake County Solid Waste Planning Region does not have any outstanding current or anticipated future needs with regard to the need for increased solid waste disposal capacity for Class I waste. The county utilizes two Class I landfills located in adjoining Obion County. As previously described, the county assures adequate disposal through utilization of these two privately owned disposal facilities.

Other Government Entities Within the Lake County Solid Waste Planning Region

Both municipalities within the county provide waste collection services within the limits of incorporation under contracts with private collection companies. Additionally, the county has assured that adequate MSW collection is available to every resident in the county by providing a convenience center collection and on a voluntary subscription basis. The local government entities within the county anticipate no significant changes to these programs in the near future. However, the county will continue to monitor these programs in order to provide residents of Lake County with the most cost effective and environmentally sound solid waste collection and management programs possible.

Current Trends and Needs With Regard to Waste Reduction, Recycling and Diversion Programs

The local governments within the county have established an infrastructure that adequately meets the needs of the residents. Lake County has taken advantage of opportunities for waste reduction, recycling and diversion within the private sector when possible to maintain affordable solid waste collection for its residential, commercial and industrial members. However, the county acknowledges that unexplored opportunities in recycling and wood waste diversion should be pursued. The county will endeavor to continually explore these opportunities as technology and the economy of the county permits.

Intra-Regional Jurisdiction Cooperation

The local governments within the county are aware of the services provided by the other entities. As a result, there is minimal overlap of services. None of the entities anticipate major change to this arrangement during the project ten-year planning horizon.

CHAPTER 4: Collection and Transportation

1. List of Collection Services Available in Lake County

Table 4-1 List of Collection Services Available in Lake County

County	Service Provider	Service Description	How Financed	Accounting Method
Lake County	All residents of the county	Solid Waste Collection: Collection of residential refuse and recyclables at one convenience center and 2 greenboxes. Alan's Industrial Waste, Inc. landfill in Obion County identified by Lake County as the point of disposal for waste collected at the convenience center. Alan's Industrial Waste, Inc. utilizes one truck for this service and the contact number is (731) 264-9379.	Class I solid waste collection and disposal financed through property tax, wheel tax, and contributions by other local governments.	Standard Chart of Accounts for County Government, Special Revenue Fund Pre-1989 T.C.A.68-211-835
Town of Ridgely	Residents of the Town of Ridgely	Residential - Twice per week curbside collection of refuse by the town. Disposal at Alan's Industrial Waste, Inc. in Obion County. Alan's Industrial Waste, Inc. utilizes one truck for this service and the contact number is (731) 264-9379.	Paid for through General Fund transfer to sanitation fund. Subscribers pay a user fee.	Special Revenue Fund Pre-1989 Town Charter
Town of Tiptonville	Residents of the Town of Tiptonville	Residential - Twice per week curbside collection of refuse by the town. Disposal at Northwest TN Disposal Corp. Class I landfill in Obion County. Barker Brothers Waste Inc. utilizes one truck for this service and the contact number is (731) 885-5528.	Paid for through General Fund transfer to sanitation fund. Subscribers pay a user fee.	Special Revenue Fund Pre-1989 Town Charter

2. Minimum Collection Requirements

The Lake County Convenience Center, contracts for subscription solid waste collection and town provided collection in the county adequately serve residents of Lake County and meet the State solid waste collection mandates.

3. Collection Needs of Lake County

Unmanaged waste in the county is not significant. Beautification and litter abatement are addressed on a regular basis by both municipalities and civic groups operating in the county. Lake County is characterized by beautiful, well-kept and generally litter-free communities.

Lake County residents are generally aware of collection opportunities within the county. The trend has been for Lake County residents to utilize existing collection services and to manage waste responsibly. The county anticipates this trend to continue during the next ten-year planning period.

CHAPTER 5: Recycling

1. Recycling Coordinator

Lake County does not have a recycling coordinator.

2. Waste Reduction Programs

Table 5-1 Waste Reduction Programs in Lake County

Program Name	Contact Address/Phone	Items Accepted	Program Description
Lake County, Tiptonville, Ridgely Recycling Program (public drop-off)	Macie Roberson County Mayor Courthouse Box 1 Tiptonville, TN (731) 253-7382	Scrap metal, Tires, Lead-Acid Batteries	Lake County and the Towns of Ridgely and Tiptonville cooperatively operate one convenience center and two greenbox sites. Tires, metals and lead-acid batteries are successfully recycled at the convenience center.
Northwest Tennessee Correctional Complex (in-house institutional)	Mike Holloway Rt. 1 Box 660 Tiptonville, TN (731) 253-5210	Metals Yard waste Pallets Paper Cardboard Plastics	The Northwest Tennessee Correctional Complex operates a very successful in-house recycling program. In CY 2003, the institution recycled over 800 tons of material.
Perkins Tire and Service Center (public drop-off)	David Perkins 1441 Church St. Tiptonville, TN (731) 253-7653	Used oil Automotive fluids Batteries	Perkins Tire and Service Center is the county's designated drop-off site for used motor oil, other automotive fluids and batteries.

3. Progress and Setbacks in Recycling and Reduction Efforts

Lake County is fortunate to have the recycling processing operation by the Northwest Tennessee Correctional Complex. Even though this is an in-house operation, it is a very successful and well-managed program. The complex bids out for the highest available prices. If the price is down, the complex stores the material until the prices increase. Metal recycling is provided by the Lake County Convenience Center and by various scrap metal dealers in the county. The high price of fuel in regard to transportation has impeded the addition of other recycling material categories to those currently being collected.

4. Recycling Drop-Off Facilities

Table 5-1 lists the drop-off facilities in Lake County.

CHAPTER 6: Disposal

1. Landfill Facilities, Transfer Stations, MSW Incinerators, Landfill Gas Facilities, and Waste to Energy Facilities

There are no landfill facilities, transfer stations, MSW incinerators, landfill gas facilities, or waste to energy facilities located in Lake County.

2. Class I Import and Export

There is no Class I waste imported to Lake County

Table 6-1 Class I Waste Exported from Lake County

Exported to County/State	Exported to Facility Name and Owner	Tonnage Disposed of in CY 2003
Obion County, Tennessee	SNL 66-000-0276 Alan's Industrial Waste, Inc. Alan Shirley, Owner	2,236.78
Obion County, Tennessee	SNL 66-101-0143 Northwest Tennessee Disposal Corp. Republic Services, Inc., Owner	2,213.14
Total		4,449.92

3. Disposal Needs Evaluation

Sufficient Class I disposal capacity exists in privately owned facilities serving the county to provide economical and environmentally sound Class I waste disposal for the foreseeable future. Efficient disposal is assured at a reasonable price for the ten-year planning horizon. The existing solid waste program has the capacity to handle solid waste disposal needs through the ten-year period with allowances for growth and increased disposal demands. No changes to the programs are being contemplated.

4. Facility Planned Capacity Assurance

As of June 20, 2004, the Northwest Tennessee Disposal Corporation has a remaining life of 26 years and 8 months; Alan's Industrial Waste, Inc. has a remaining life of 6 years.

5. For Landfills and Incinerators: Financial Activities in an Enterprise Fund

There are no publicly owned Class I landfills or MSW incinerator facilities in the county.

CHAPTER 7: Problem Wastes

1. State Household Hazardous Waste Mobile Collection Service

Lake County has participated in the state contract for collection of household hazardous waste. In calendar year 2001, 1.25 tons of household hazardous waste was diverted from Class I landfill disposal through this program.

2. Permanent Household Hazardous Waste Collection Center

Lake County does not have a permanent household hazardous waste collection center.

3. Level of Success With Household Hazardous Waste Collection and Future Plans

To date, the program has been successful and the county is pleased with the efforts. Lake County has no plans or a real need presently for a locally operated household hazardous waste collection program.

4. Waste Tire Collection Mandates

Lake County currently has a tire collection site and plan underway that satisfies these mandates. The county operates under Option III of the State's waste tire management program. The tires are directed to Martin Tires located in Marion, Kentucky for processing and use as tire derived fuel.

5. Satisfaction With Waste Tire Collection Efforts

Presently, Lake County is satisfied with the current waste tire management program. There are no needed changes presently or in the near future.

6. Waste Tire Dumping

Currently, waste tire dumping is not a problem for the county.

7. Oil and Auto Fluid Collection and Lead Acid Battery Collection Mandates

Used oil and other auto fluids are collected at Perkins Tire and Service Center in Tiptonville and at the State sponsored Household Hazardous Waste Collection events.

Used automobile batteries are collected at Perkins Tire and Service Center in Tiptonville and at the Lake County Convenience Center.

CHAPTER 8: Solid Waste Education

1. Efforts in Public Education Regarding Solid Waste

A list of entities, their target participants, and specific programs and their descriptions is included as Table 8-1.

2. Public Solid Waste Education Needs

Public Education on appropriate solid waste management, waste reduction, recycling, resource conservation and other related topics are delivered by several organizations within Lake County. These organizations are adept at delivering quality education on a minimal budget. However, additional funding could further facilitate their efforts.

The public is informed by existing programs, and various local organizations have joined with the county in education and promoting appropriate solid waste management in the county. Additional recycling education is needed throughout the entire county. The county has not filed an education action plan.

Table 8-1 List of Solid Waste Education Providers and Description of Programs

Agency	City	Youth	Adult	Commercial/ Industrial Sector
Lake County Sheriff's Department 109 South Court Tiptonville, TN 38079 (731) 253-7791	Enforcement of tarp and litter laws, education through example of litter collection programs.	✓	✓	✓
Litter Grant Program Sheriff's Department 109 South Court Tiptonville, TN 38079 (731) 253-7791	Presentations to schools, civic groups and clubs on a request basis; works with local organizations and other industrial commercial entities and establishments to provide information on waste reduction and recycling.	✓	✓	✓
Development District P. O. Box 963 Martin, TN 38237 (731) 587-4213	Education and technical assistance to local governments on solid waste management issues.		✓	
Lake County School System 819 McBride Tiptonville, TN 38079 (731) 253-6601	Teach appropriate solid waste management and waste reduction as part of the class curricula.	✓		
Town of Ridgely - Chamber of Commerce 102 Lake Street Ridgely, TN 38080 (731) 264-0330	The Chamber of Commerce in Ridgely promotes antilittering and coordinates beautification efforts within the city including the planting of flowers in the spring. The Mayor of Ridgely coordinates a town clean-up day in April of each year. These efforts by the chamber and the Mayor foster civic responsibility and pride and help instill conservation ethics among the town's citizens.	✓	✓	✓

<p>Town of Tiptonville Tiptonville City Hall 130 South Court Tiptonville, TN 38079 (731) 253-9922</p>	<p>The Town of Tiptonville hosts its own non-profit beautification organization. This organization coordinates town clean-up events and fundraisers for beautification projects. These efforts by the Tiptonville Beautification Organization foster civic responsibility and pride and help instill conservation ethics among the town's citizens.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>Tennessee State Parks Reelfoot Lake State Park and Wildlife Management Area Hwy. 78 Tiptonville, TN 38079 (731) 253-7756</p>	<p>Litter education placards on trash receptacles throughout the facility.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>University of Tennessee Agriculture Extension Service 229 Church Street Tiptonville, TN 38079 (731) 253-6528 4-H</p>	<p>Maintains the Lake County Agriculture Extension Service including the following programs:</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>Master Gardeners Agriculture Extension Service</p>	<p>Presentations on waste management and recycling as part of conservation education program. Collects recyclables to raise funds and promote resource conservation awareness. Education on yard waste and leaf composting. Educates farmers and landowners on the appropriate management of pesticides and herbicides and on empty containers of herbicides and pesticide containers.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>

<p>Local Media- Channel Two 110 S. Court St. Tiptonville, TN 38079 (731) 253-0100</p>	<p>Television spots aired on anti-littering, recycling and problem waste management.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
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CHAPTER 9: Flow Control and Permit Review

1. Is the Flow of Waste Controlled by the Region or Jurisdictions?

Neither the county nor any of the jurisdictions within the county are currently exercising Flow Control.

2. Any Outstanding Issues Regarding Permit Review or Flow Control?

There are no outstanding issues with respect to Permit Review or Flow Control.

CHAPTER 10: Solid Waste Plan Review

1. Description of public hearing held after the Solid Waste Plan was completed

The Lake County Solid Waste Planning Region held a public hearing on the plan on May 27, 2005 at 7:00 p.m. at the Lake County Courthouse. Five people were in attendance: Macie Roberson, Lake County Mayor; three members of the Lake County Solid Waste Board – Richard Perkins, Wayne Hatley, and Tony White; and Wanda Fuzzell, NWTDD Planner. Macie Roberson had the Lake County Solid Waste Plan on exhibit, and Wanda Fuzzell gave an overview of the plan. There were no public comments or changes to the plan. Macie Roberson concluded the Public Hearing and Richard Perkins opened the meeting of the Lake County Solid Waste Board. Wayne Hatley made the motion to approve the Solid Waste Plan and this motion was seconded by Richard Perkins. A sign-in sheet from this public hearing and a copy of the public notice regarding plan preparation and the public hearing are included in Appendix III.

2. Are the local Planning Commissions aware of the Solid Waste Plan?

Letters were sent to all local planning commissions in the Lake County region. These letters included notification of the preparation of the solid waste plan and extended the invitation to the planning commissions to comment on the plan. Copies of these letters can be found in Appendix III.

3. Copy of the Lake County resolution approving the Solid Waste Plan

A copy of the resolution passed by the Lake County Commission approving the Solid Waste Plan is included in Appendix III.

Appendix I

**List of Lake County
Regional Board Members**

Lake County Solid Waste Planning Region Board Members

The Lake County Solid Waste Planning Region Board is comprised of five (5) members. These members as defined in the Region's formative resolution represent the following jurisdictions: one member representing Lake County and the Town of Ridgely for a six (6) year term; one member representing Lake County and the Town of Tiptonville for a four (4) year term; and three members representing Lake County: one member for a six (6) year term, one member for a four (4) year term, and one member for a two (2) year term.

Member Name	County Jurisdiction Representing	Appointment by/ Confirmed by	Mailing Address	Daytime Phone	Term of Office	
					Start	End
Richard Perkins	Town of Tiptonville	Mayor Danny Cook Tiptonville City Council	220 Ashby Drive Tiptonville, TN 38079	(731) 253-7200	10/18/04	10/18/08
Denny Johnson	Town of Ridgely	Mayor Billy Gray Ridgely City Council	305 North Main Street Ridgely, TN 38080	(731) 264-5983	10/18/04	10/18/10
Wayne Hatley	Lake County	Co. Mayor Macie Roberson Lake County Commission	604 Cates Street Tiptonville, TN 38079	(731) 253-7170	10/18/04	10/18/10
Tony White	Lake County	Co. Mayor Macie Roberson Lake County Commission	Hwy. 78 Tiptonville, TN 38079	(731) 253-6047	10/18/04	10/18/08
Tony Bargery	Lake County	Co. Mayor Macie Roberson Lake County Commission	Tank Two Road Ridgely, TN 38080	(731) 264-5343	10/18/04	10/18/06

Appendix II

Lake County Solid Waste Region

Formation Resolution

2004-10

RESOLUTION NO. 2004-10
 A RESOLUTION DISSOLVING
 THE LAKE, OBION AND WEAKLEY COUNTIES
 MUNICIPAL SOLID WASTE PLANNING
 REGION AND CREATING LAKE COUNTY'S
 MUNICIPAL SOLID WASTE PLANNING REGION

WHEREAS, the adoption of the Subtitle D landfill regulations by the United States Environmental Protection Agency and companion regulations adopted by the Tennessee Solid Waste Control Board has had a 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 Act of 1991"; and

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

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

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

WHEREAS, unto County's Board of County Commissioners have given consideration to the needs assessments prepared by the Northwest Tennessee Development District; and

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

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

WHEREAS, the state of Tennessee has provided grant monies of varying amounts to single, two county, and three or more county municipal solid waste region to assist there regions in developing their municipal solid waste regions plans; and

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

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

WHEREAS, formation of Lake, Obion and Weakley County Municipal Solid Waste Planning Region does not provide for the most cost effective and efficient management of municipal solid waste in the best interest of the citizens of Lake County; and

WHEREAS, the policy of the state Department of Environment and Conservation allows for the dissolution of the multi-county regions, if all members counties can agree to the terms of dissolution; and

WHEREAS, Lake, Obion and Weakley Counties Solid Waste Region have agreed to pass similar resolutions;

NOW THEREFORE BE IT RESOLVED, that all ties and affiliation of Lake County with the Lake, Obion and Weakley Counties Solid Waste Planning Region be dissolved; and

BE IT FURTHER RESOLVED, by the Board of County Commissioners of Lake County, Tennessee, acting pursuant to T.C.A. § 68-211-801 et seq., that there is hereby established a Municipal Solid Waste Regions for and by Lake County, Tennessee; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. § 68-211-801 et seq., that the Board of County Commissioners of Lake County, Tennessee finds and determines that Lake County shall be and shall constitute a single county municipal solid waste region due to the following: It is the will of the Citizens of Lake County to remain a single entity in collection and disposal of Solid Waste, It is also the wish of the citizens to use the existing contracted services in Lake County to the maximum good of the people of Lake County; and

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

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Regional Board shall be composed of 5 members; and

BE IT FURTHER RESOLVED, that pursuant to T.C.A. § 68-211-813(b)(1), Lake Municipal Solid Waste Regional Board members shall be appointed by the County Mayor and approved by the Board of County Commissioners and, due to the fact that the Towns of Ridgely and Tiptonville collect or provides disposal services through its own initiative or by contract, the Towns of Ridgely and Tiptonville shall have a Board member appointed by the Mayors of Towns of Ridgely and Tiptonville and approved by their Town Board of Aldermen, and

BE IT FURTHER RESOLVED, that the members of the Board of the Municipal Solid Waste Region shall serve a six year term except that, as pursuant to T.C.A. § 68-211-813(b)(1) and as part of the participating county's agreement as evidenced by this Resolution, the following shall be the initial terms of office: one member representing Lake County and the Town of Ridgely for a six (6) year term, one member representing Lake County and the Town of Tiptonville for a four (4) year term, three members representing Lake County, one member for a six (6) year term, one member for a four (4) year term, one member for a two (2) year term

BE IT FURTHER RESOLVED, that this Municipal Solid Waste Region Board shall have all powers and duties as granted 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 Lake County governmental personnel, to employ or contract with persons, private consulting firms, and /or governmental, quasi-governmental, and public entities and agencies and to utilize Lake County's services, facilities and records in completing this task; and

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

BE IT FURTHER RESOLVED, that the Municipal Solid Waste Region Board, in furtherance of its duty to produce a municipal solid waste region plan, is authorized to apply for and receive funds from the State of Tennessee, the Federal Government, Lake County, the Towns of Ridgely and Tiptonville and grants from private corporations and foundations; and

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

BE IT FURTHER RESOLVED, that upon the passage of this Resolution and at no later date than 2004, the County Clerk of Lake County shall transmit a copy of this Resolution to the Tennessee Department of Environment and Conservation Division of Community Assistance.

18th day of Oct, 2004, the welfare of the citizens of Lake County requiring it.

Sponsor:

County Commissioner

Approved:

County Mayor

Attest:

County Clerk

MACIE M. ROBERSON

County Executive, Lake County
Box 1 • Court House
229 Church Street
Tiptonville, Tennessee 38079

TELEPHONE
731/253-7382



December 21, 2004

Ron Graham, Director
Division of Community Assistance
Tn. Dept. Of Environment and Conservation
8th Floor, L& C Tower
401 Church Street
Nashville, TN. 37243-0455

Dear Mr. Graham:

We the Lake County Commission recognize of the dissolving of the Lake, Obion and Weakley Counties Solid Waste Planning Region and the forming of the Lake County Solid Waste Planning Region. In accordance with T.C.A. §68-211-813 (b) (1), the Solid Waste Management Act of 1991, the Lake County Board of Commissioners has confirmed the following appointments: Richard Perkins as member, for a six (6) year term representing the Town of Ridgely, Denny Johnson representing the Town of Tiptonville and Wayne Hatley representing Lake County for a four (4) year term, Tony Bargery and Tony White representing Lake County for a two (2) year term, to the Lake County Solid Waste Planning Region, on December 20, 2004.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Macie M. Roberson", written over a large, stylized circular flourish.

Macie M. Roberson
Mayor of Lake County

**CITY OF RIDGELY
140 NORTH MAIN STREET
RIDGELY, TN 38080
731 264 5182**

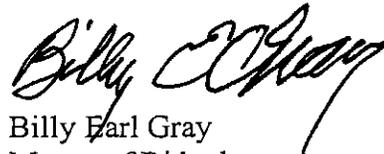
DECEMBER 10, 2004

Ron Graham, Director
Division of Community Assistance
Tn. Dept. Of Environment and Conservation
8th Floor, L& C Tower
401 Church Street
Nashville, TN. 37243-0455

Dear Mr. Graham:

We the Town of Ridgely recognize of the dissolving of the Lake, Obion and Weakley Counties Solid Waste Planning Region and the forming of the Lake County Solid Waste Planning Region. In accordance with T.C.A. §68-211-813 (b) (1), the Solid Waste Management Act of 1991, the Ridgely Board of Aldermen has confirmed the following appointment of Denny Johnson as member, for a six (6) year term, to the Lake County Solid Waste Planning Region, on December 09, 2004.

Sincerely yours,


Billy Earl Gray
Mayor of Ridgely

Danny Cook
Mayor



CITY OF TIPTONVILLE

John F. Fields
Danny Armstrong
Buddy Wade Moore
Daisy Parks
Richard Perkins
Sarah J. Woods

130 South Court Street
Tiptonville, Tennessee 38079
731-253-9922

Fran Heam, City Treasurer

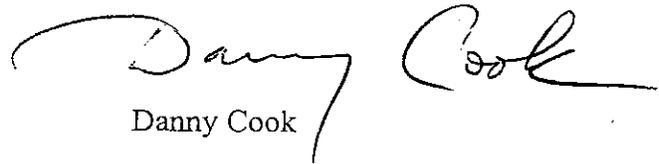
December 15, 2004

Ron Graham, Director
Division of Community Assistance
Tn. Dept. Of Environment and Conservation
8th Floor, L& C Tower
401 Church Street
Nashville, TN. 37243-0455

Dear Mr. Graham:

We the Town of Tiptonville recognize of the dissolving of the Lake, Obion and Weakley Counties Solid Waste Planning Region and the forming of the Lake County Solid Waste Planning Region. In accordance with T.C.A. §68-211-813 (b) (1), the Solid Waste Management Act of 1991, the Tiptonville Board of Aldermen has confirmed the following appointment of Richard Perkins as member, for a four (4) year term, to the Lake County Solid Waste Planning Region, on December 14, 2004.

Sincerely yours,


Danny Cook

Appendix III

Documentation Regarding Public Notice, Public Hearing and Plan Approval

Public Notice

The Lake County Municipal Solid Waste Planning Region has completed a draft of the Solid Waste Management Plan. This plan was prepared to comply with the planning provision of the Solid Waste Management Act of 1991.

A public hearing on the plan has been scheduled for 7 p.m. on Friday, May 27, at the Lake County Courthouse to receive public comments on the draft of this plan. The public hearing will be followed by a meeting of the Lake County Regional Municipal Solid Waste Planning Board to consider revision to the plan based on public comments.

A copy of this plan is available for review at the following location:

**Lake County Courthouse
County Mayor's Office
229 Church Street
Tiptonville, Tennessee 38079
731-253-7382**

Written comments regarding the plan will also be accepted until Friday, May 27, at 12 noon and should be sent to:

**County Mayor Macie Roberson
Lake County Courthouse
229 Church Street
Tiptonville, TN 38079**

**Lake County Solid Waste Planning Board
Richard Perkins, Chairman
220 Ashby Drive
Tiptonville, TN 38079**

May 13, 2005

Notice To:

Lake County Planning Commission
604 Cates Street
Tiptonville, TN 38079

Re: Preparation of the Lake County Solid Waste Planning Region Solid Waste Management Plan

The purpose of this notice is to inform you that a copy of the Lake County Solid Waste Management Plan is available for your review at the following location:

Lake County Courthouse
County Mayor's Office
229 Church Street
Tiptonville, TN 38079
(731) 253-7382

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 7:00 p.m., May 27, 2005 at the Lake County Courthouse to receive public comments on the draft of this plan. The public hearing will be followed by a meeting of the Lake County Solid Waste Planning Board to consider revisions to the plan based on public comments. Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

County Mayor Macie Roberson
Lake County Courthouse
229 Church Street
Tiptonville, TN 38079

Thank you for your time and attention to this matter.

**Lake County Solid Waste Planning Board
Richard Perkins, Chairman
220 Ashby Drive
Tiptonville, TN 38079**

May 13, 2005

Notice To:

Town of Ridgely Planning Commission
Ridgely Town Hall
140 North Main Street
Ridgely, TN 38080

Re: Preparation of the Lake County Solid Waste Planning Region Solid Waste Management Plan

The purpose of this notice is to inform you that a copy of the Lake County Solid Waste Management Plan is available for your review at the following location:

Lake County Courthouse
County Mayor's Office
229 Church Street
Tiptonville, TN 38079
(731) 253-7382

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 7:00 p.m., May 27, 2005 at the Lake County Courthouse to receive public comments on the draft of this plan. The public hearing will be followed by a meeting of the Lake County Solid Waste Planning Board to consider revisions to the plan based on public comments. Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

County Mayor Macie Roberson
Lake County Courthouse
229 Church Street
Tiptonville, TN 38079

Thank you for your time and attention to this matter.

**Lake County Solid Waste Planning Board
Richard Perkins, Chairman
220 Ashby Drive
Tiptonville, TN 38079**

May 13, 2005

Notice To:

Town of Tiptonville Planning Commission
Tiptonville Town Hall
130 South Court Street
Tiptonville, TN 38079

Re: Preparation of the Lake County Solid Waste Planning Region Solid Waste Management Plan

The purpose of this notice is to inform you that a copy of the Lake County Solid Waste Management Plan is available for your review at the following location:

Lake County Courthouse
County Mayor's Office
229 Church Street
Tiptonville, TN 38079
(731) 253-7382

This plan was prepared to comply with the planning provisions of the Solid Waste Management Act of 1991. This Act requires that local government planning commissions be advised of the preparation of the plan and be given an opportunity to comment on the plan.

A public hearing on the plan is scheduled for 7:00 p.m., May 27, 2005 at the Lake County Courthouse to receive public comments on the draft of this plan. The public hearing will be followed by a meeting of the Lake County Solid Waste Planning Board to consider revisions to the plan based on public comments. Should you wish to make written comments on the plan prior to the meeting, you may submit them to:

County Mayor Macie Roberson
Lake County Courthouse
229 Church Street
Tiptonville, TN 38079

Thank you for your time and attention to this matter.

RESOLUTION NO. 2005-06
A RESOLUTION OF THE LAKE COUNTY, TENNESSEE
BOARD OF COMMISSIONERS TO APPROVE THE
LAKE COUNTY SOLID WASTE MANAGEMENT PLAN

WHEREAS, the Lake County Solid Waste Planning Region was formed pursuant to the "1991 Solid Waste Management Act" of Tennessee; and

WHEREAS, the Lake County Solid Waste Planning Region has requested the Northwest Tennessee Development District to complete the Solid Waste Management Plan pursuant to the "1991 Solid Waste Management Act" requirements; and

WHEREAS, the Lake County Solid Waste Planning Committee has by unanimous vote to recommend to the Lake County Legislative Body that the Solid Waste Management Plan be approved and submitted to the State of Tennessee for approval.

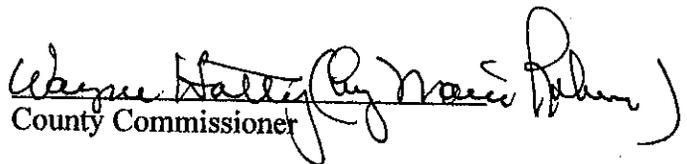
NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Lake County, Tennessee assembled in session a majority or more of the membership concurring that:

Section 1. The Solid Waste Management Plan be approved.

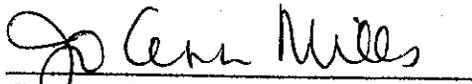
Section 2. The Solid Waste Management Plan be submitted to the State of Tennessee for approval.

RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF LAKE COUNTY, TENNESSEE, this 27th day of June, 2005, the welfare of the citizens of Lake County requiring it.

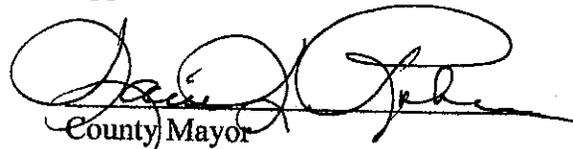
Sponsor:


County Commissioner

Attest:


County Clerk

Approved:


County Mayor

Appendix IV

Proposed Solid Waste Regional Budget Plan

Proposed Ten Year Budgets for Local Governments in the Lake County MSW Planning Region

Lake County	Fiscal Year	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Expenditures												
Waste Disposal												
Salary		\$ 22,411	\$ 23,195	\$ 24,007	\$ 24,847	\$ 25,717	\$ 26,617	\$ 27,549	\$ 28,513	\$ 29,511	\$ 30,544	\$ 31,613
Contracted Services		\$ 5,790	\$ 5,951	\$ 6,160	\$ 6,375	\$ 6,598	\$ 6,829	\$ 7,068	\$ 7,316	\$ 7,572	\$ 7,837	\$ 8,111
Supplies		\$ 5,800	\$ 6,003	\$ 6,213	\$ 6,431	\$ 6,656	\$ 6,889	\$ 7,130	\$ 7,379	\$ 7,637	\$ 7,905	\$ 8,181
Fees		\$ 530	\$ 549	\$ 568	\$ 588	\$ 608	\$ 629	\$ 652	\$ 674	\$ 698	\$ 722	\$ 748
Sub-total Expenditures		\$ 34,491	\$ 35,698	\$ 36,948	\$ 38,241	\$ 39,579	\$ 40,964	\$ 42,368	\$ 43,882	\$ 45,418	\$ 47,008	\$ 48,653
Contracts with Govt. Agencies		\$ 33,000	\$ 34,155	\$ 35,350	\$ 36,588	\$ 37,868	\$ 39,194	\$ 40,565	\$ 41,985	\$ 43,455	\$ 44,976	\$ 46,550
Total Expenditures		\$ 67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Revenues												
General Fund		\$ 67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Total Revenues		\$ 67,491	\$ 69,853	\$ 72,298	\$ 74,828	\$ 77,447	\$ 80,158	\$ 82,964	\$ 85,867	\$ 88,873	\$ 91,983	\$ 95,203
Town of Ridgely												
Fiscal Year		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Expenditures												
Collection and Disposal		\$ 101,080	\$ 105,123	\$ 109,328	\$ 113,701	\$ 118,249	\$ 122,979	\$ 127,898	\$ 133,014	\$ 138,335	\$ 143,868	\$ 149,623
Incinerator		\$ 13,119	\$ 13,644	\$ 14,190	\$ 14,757	\$ 15,347	\$ 15,961	\$ 16,600	\$ 17,264	\$ 17,954	\$ 18,672	\$ 19,419
Total Expenditures		\$ 114,199	\$ 118,767	\$ 123,518	\$ 128,458	\$ 133,597	\$ 138,941	\$ 144,498	\$ 150,278	\$ 156,289	\$ 162,541	\$ 169,042
Revenues												
User Fees		\$ 106,100	\$ 112,424	\$ 116,921	\$ 121,588	\$ 126,462	\$ 131,520	\$ 136,781	\$ 142,252	\$ 147,942	\$ 153,860	\$ 160,014
		\$ 6,099	\$ 6,343	\$ 6,597	\$ 6,861	\$ 7,135	\$ 7,420	\$ 7,717	\$ 8,026	\$ 8,347	\$ 8,681	\$ 9,028
Total Revenues		\$ 114,199	\$ 118,767	\$ 123,518	\$ 128,458	\$ 133,597	\$ 138,941	\$ 144,498	\$ 150,278	\$ 156,289	\$ 162,541	\$ 169,042
Town of Tiptonville												
Fiscal Year		2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Expenditures												
Incinerator		\$ 13,120	\$ 13,579	\$ 14,054	\$ 14,546	\$ 15,056	\$ 15,582	\$ 16,128	\$ 16,692	\$ 17,277	\$ 17,881	\$ 18,507
Landfill		\$ 26,400	\$ 27,324	\$ 28,260	\$ 29,270	\$ 30,265	\$ 31,355	\$ 32,452	\$ 33,568	\$ 34,704	\$ 35,860	\$ 37,040
Collection		\$ 104,950	\$ 108,623	\$ 112,425	\$ 116,360	\$ 120,433	\$ 124,648	\$ 129,010	\$ 133,526	\$ 138,189	\$ 143,036	\$ 148,042
Total Expenditures		\$ 144,470	\$ 149,526	\$ 154,760	\$ 160,176	\$ 165,783	\$ 171,585	\$ 177,591	\$ 183,806	\$ 190,239	\$ 196,898	\$ 203,789
Revenues												
User Fees		\$ 150,000	\$ 153,000	\$ 156,355	\$ 160,087	\$ 164,164	\$ 168,571	\$ 173,316	\$ 178,396	\$ 183,806	\$ 189,547	\$ 195,623
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenues		\$ 150,000	\$ 153,000	\$ 156,355	\$ 160,087	\$ 164,164	\$ 168,571	\$ 173,316	\$ 178,396	\$ 183,806	\$ 189,547	\$ 195,623

Appendix V

**Certification of Accuracy for Information Included in the
Lake County Regional Solid Waste Plan**

To the best of my knowledge, all statements and figures included in the Lake County Solid Waste Planning Region Solid Waste Management Plan are accurate and correct as of the date of submission of this report.

Region Name: Lake County Solid Waste Planning Region

Richard Perkins

Typed Name of the Lake County Solid Waste Planning Region Board Chairman



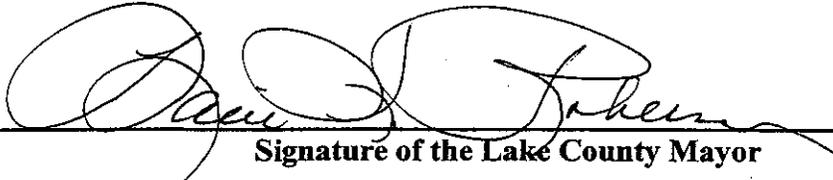
Signature of the Lake County Solid Waste Planning Region Board Chairman

6.27.05

Date

Macie Roberson

Typed Name of the Lake County Mayor



Signature of the Lake County Mayor

6-27-05

Date