

**LEE COUNTY**  
**TEN YEAR SOLID WASTE PLAN UPDATE**  
**(ADDENDUM # 2)**

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*Prepared By:*

**LEE COUNTY OFFICE OF SOLID WASTE MANAGEMENT**

**NOVEMBER 18, 2003**

# LEE COUNTY TEN YEAR SOLID WASTE PLAN UPDATE

Introduction. The Illinois Solid Waste Planning and Recycling Act requires that counties update their solid waste management plans every five years. Lee County approved its first formal plan in 1993 and approved its first update in 1998. This document represents the County's second addendum to the 1993 Lee County Solid Waste Management Plan and is formally referred to as the Lee County Ten Year Solid Waste Plan Update (the "2003 Plan Update"). The Lee County Board passed a resolution adopting the 2003 Plan Update on November 18, 2003 (see Attachment A).

The Lee County Office of Solid Waste Management is the county created entity responsible for developing and implementing the Plan. The Lee County Solid Waste/Health & Welfare Committee oversees the operation of the Office of Solid Waste Management and the development of the plan updates. Ultimately, the Lee County Board is responsible for adopting the Plan and all updates.

The 2003 Plan Update has been divided into the following sections:

- Status of the Efforts to Implement the 1993 Plan and the 1998 Plan Update
- Recycling Program Status
- 2003 Plan Update Recommendations and Implementation Schedule

Status of Efforts to Implement the 1993 Plan and the 1998 Plan Update. The 1993 Plan was a very extensive planning document that took a considerable amount of time and resources to complete. At that time the Illinois Environmental Protection Agency offered planning grants that paid for 70% of the plan development costs. Lee County received a planning grant and completed the Lee County Solid Waste Needs Assessment in October of 1991 and adopted the two-volume Lee County Solid Waste Management Plan in August 1993. The Plan was amended by resolution in February 1995. In October of

1998 the first five-year update was adopted and most recently the County's Plan was amended by resolution in July 2003.

As the preceding text indicates the County's original 1993 Plan has continued to evolve through county board resolutions and state mandated updates. This document now represents the most current position of the County with regards to its waste reduction and final disposal policies. While the 1993 Plan forms the foundation of the County's Plan, the updates and the resolutions represent fine-tuning of the Plan. In order to determine the County's solid waste management policy or the "County's Plan" all relevant documents - the 1993 Plan, the 1995 Plan amendment, the 1998 Plan Update, the 2003 Plan amendment and the 2003 Plan Update – must be reviewed in their entirety.

The 1998 Plan Update contains a table (Table 1. Status of 1993 Plan Recommendations) that reviews the status of the 23 primary solid waste policy recommendations contained in the 1993 Plan. The 1998 Plan also contained a list of 16 recommendations that represented the County's revised solid waste policy five years ago. Table 1 contains those 16 recommendations and indicates whether the recommendation has been implemented, partially implemented or not implemented as of October 2003.

<b>TABLE 1. STATUS OF 1998 PLAN UPDATE RECOMMENDATIONS</b>	
<u>1998 PLAN RECOMMENDATION</u>	<u>STATUS</u>
1. Continue to maintain the Lee County Office of Solid Waste Management.	Implemented
2. Continue to upgrade the informational clearinghouse and develop a question/answer fact sheet	Partially Implemented
3. Meet with schools and enhance cooperation.	Partially Implemented
4. Continue regular newspaper column and conduct additional public information meetings and interviews	Implemented
5. Develop a public achievement award program.	Not Implemented

6. Assist municipalities with volume-based disposal programs when asked.	Implemented
7. Implement recycling program at County facilities.	Implemented
8. Provide waste audit assistance to interested local businesses and units of local government.	Implemented
9. Assist municipalities develop a regional bidding process, if asked.	Implemented
10. Implement a drop-off recycling program.	Implemented
11. Evaluate and revise County procurement guidelines.	Partially Implemented
12. Continue to estimate the amount of material recycled and disposed of by Lee County.	Implemented
13. Conduct study on management of HHW, used oil, paint, used tires and major appliances.	Partially Implemented
14. Evaluate options for managing construction/demolition debris.	Not Implemented
15. Review and update the County's siting ordinance.	Implemented
16. Continue to rely on the Lee County Landfill for disposal capacity for the next five years.	Implemented

As Table 1 indicates, Lee County implemented a majority of the 1998 Plan Update recommendations with the exception of the public achievement program and the construction/demolition debris feasibility study.

Recycling Program Status. Over the past five years the County's recycling program has continued to expand with the addition of new drop-off recycling sites, expanded curbside recycling programs and more one time collection events for used oil, tires, household hazardous waste and electronics/computers. Lee County is still recycling approximately

25% of its municipal waste, as these programs have kept pace with the increase in waste generation.

At the time of the adoption of the 1998 Plan Update the County had just initiated its drop-off recycling program with the signing of a six-year contract with Moring Disposal. In 1998 the program began with three unmanned drop-off sites in Dixon, Ashton and Franklin Grove. Since that time the program has expanded to include Sublette, which opened in November 2001, and Paw Paw and Steward which both opened in September 2003. The six sites have resulted in approximately 2,432,990 pounds of material being recycled since 1998. The amount of material recycled at each site (from site opening date through the end of September 2003) is as follows:

- Dixon – 1,608,180 pounds
- Franklin Grove – 360,860 pounds
- Ashton – 336,460
- Sublette – 118,960
- Paw Paw – 8,530 pounds
- Steward – (Still on first container)

The County's curbside programs are offered to approximately 50% of the households in the County, with the City of Dixon leading the way. Successful curbside recycling programs are also operating in Amboy, Lee, Sublette and Paw Paw. The Village of Paw Paw just initiated its curbside program in the summer of 2003 as part of a new hauling contract it negotiated with Rock Valley Disposal.

Lee County through its Office of Solid Waste Management has held numerous collection events during the past five years. Used tire and oil collection events were held in 1999, 2001 and 2003. The 2003 used tire/oil recycling event resulted in the collection of 170 tons of tires and 7,800 gallons of used oil. This is the most successful event the County has held since it began collecting used tires and oil in 1995 (the County conducts these collections every other year).

Lee County and Ogle County have joined together in the past five years to conduct three household hazardous waste (HHW) collections. The first collection was held in Dixon on April 29, 2000 and resulted in the collection of 254 drums of hazardous waste from approximately 1,363 households. The second collection was held in Oregon on April 21, 2001 and resulted in the collection of 138 barrels of hazardous waste, 3,275 gallons of used oil and approximately 25,000 pounds of lead acid batteries. It is estimated that approximately 1,444 households participated. The most recent HHW collection was held in Rochelle on September 14, 2002. This event collected 122 barrels of hazardous waste from 565 households. Lee and Ogle County intend to continue conducting joint collection events in the future. This joint approach is more cost effective and allows the citizens in the two counties reasonable access to these events on a more consistent basis.

Lee and Ogle Counties have also joint ventured to host electronic recycling events in 2000, 2001 and 2002 and have one scheduled for October 17<sup>th</sup> and 18<sup>th</sup>, 2003. The past events have been extremely successful and have responded to a need for local citizens and businesses to properly manage their old computer equipment, TVs, VCRs, camera equipment, cell phones and small appliances. Each of the previous events and recycled totals are summarized below:

- September 29<sup>th</sup> and 30<sup>th</sup>, 2000, Oregon, Illinois – 64,000 pounds recycled from 494 households and businesses.
- October 12<sup>th</sup> and 13<sup>th</sup>, 2001, Dixon, Illinois – 65,480 pounds recycled from 439 households and businesses.
- October 18<sup>th</sup> and 19<sup>th</sup>, 2002, Oregon, Illinois – 70,265 pounds recycled from 427 households and businesses.

In summary, Lee County's recycling program continues to play a strong and necessary role in the County's waste management system. The County has dedicated significant resources toward expanding its drop-off recycling program and its special collection events over the past five years. The larger municipalities have continued their

commitment to curbside recycling and the business sector maintains its strong commitment to recycling as well. All these recycling programs are augmented by a continual education effort that focuses on the County's school age children. Over the past five years the Solid Waste Coordinator, on an annual basis, has conducted educational programs at the Outdoor Stewardship program (which the County donates \$5,000 per year towards, which provides all third grade children throughout the County a full day field trip at Lowell Park in Dixon) and the Health Fairs conducted at each elementary school in the County. In addition, over the past three years the County has awarded \$15,000 in college scholarships to Lee County high school students as part of the annual Envirothon competition coordinated by the Soil and Water Conservation Districts throughout the State.

2003 Plan Update Recommendations. The Lee County Office of Solid Waste Management developed this plan update with the input of the Lee County Solid Waste/Health & Welfare Committee. The draft report was placed on file for public review and input at the October 21, 2003 meeting of the Lee County Board. The draft report was then finalized and adopted by the Lee County Board on November 18, 2003.

As mentioned earlier, the Lee County Board passed a resolution (No. 07-03-001) on July 15, 2003 (see Attachment B). This amendment to the plan addressed the issue of final disposal and updated the County's position contained in the 1998 Plan Update regarding the expansion of the Lee County Landfill. The resolution recognizes that at some point during the next five years there is a need to site additional disposal capacity in Lee County to insure that Lee County continues to have long-term (at least 20 years), cost effective disposal capacity for its citizens and businesses. On October 15, 2002 Lee County and Allied Waste Industries of Illinois, Inc. agreed to amend the 1994 Solid Waste Management Agreement. The amendment essentially extends the County's current agreement and its provisions to any future landfill expansion conducted by Allied Waste anywhere within Lee County. Lee County also entered into a separate agreement with the City of Amboy, the City of Dixon and Lee County Landfill, Inc. in January 2003 which provides a portion of the County's host fee revenue to the City of Amboy.

The following is a list of the recommendations approved by the Lee County Board which represent the County's solid waste policy for the next five years, subject to subsequent revisions to the Plan as authorized by County Board resolution.

1. The Office of Solid Waste Management will be maintained and staffed to continue implementation of the County's Plan.
2. The information clearinghouse will continue to be upgraded.
3. The educational programs, including Outdoor Stewardship, Health Fairs and college scholarships, will continue to be supported and funded.
4. The County's drop-off recycling program will continue to be supported and funded, and expanded as deemed appropriate by the Lee County Solid Waste/Health & Welfare Committee.
5. Special collection events for used tires, used oil, household hazardous waste and electronics will continue to be supported and funded. At a minimum, the collections for used tires and HHW will be conducted every other year and once a year for used oil and electronics.
6. The Office of Solid Waste Management will continue to provide technical assistance to municipalities and local businesses with regard to recycling, waste collection and waste disposal.
7. The County's annual spring clean-up grants to municipalities and townships will continue to be supported and funded.
8. The Office of Solid Waste Management will investigate the need and cost for conducting a special collection event for major appliances, possibly in coordination with Ogle County.

9. The Office of Solid Waste Management will update and improve the web site content with regards to the County's solid waste programs.
10. The County's policy regarding landfill expansion is contained in the July 15, 2003 County Board resolution (Attachment B).
11. The Lee County Landfill as it is currently permitted and as it is anticipated to be expanded, shall be designated as the sole landfill to be permitted anywhere within the borders of Lee County. This sole designation is contingent upon the Lee County Landfill and its expansion remaining open and operating, and remaining in compliance with the 1994 Solid Waste Management Agreement, as amended.

The 11 recommendations listed above represent the solid waste management policy and direction of Lee County during the next five years. Table 2 provides an estimated implementation schedule for the 11 recommendations.

<b>TABLE 2. 2003 PLAN UPDATE IMPLEMENTATION SCHEDULE</b>	
<u>2003 PLAN UPDATE RECOMMENDATION</u>	<u>IMPLEMENTATION DATE</u>
1. Continue to maintain and staff the Lee County Office of Solid Waste Management.	Ongoing for next five years
2. Continue to update the informational clearinghouse.	Ongoing for next five years
3. Continue to support and fund educational programs.	Ongoing for next five years
4. Continue to support and fund the drop-off program.	Ongoing for next five years
5. Continue to support and fund special collection events for used tires, used oil, HHW and electronics.	Ongoing for next five years
6. Continue to provide technical assistance to municipalities and businesses.	Ongoing for next five years

7. Continue to support and fund annual spring clean-up grants to municipalities and townships.	Ongoing for next five years
8. Investigate the need and cost for a special collection event for major appliances.	Spring 2004
9. Improve and update the web site.	Fall 2004
10. Continue to rely on the current and/or expanded Lee County Landfill for disposal capacity for at least the next five years.	Ongoing for next five years
11. Designate the Lee County Landfill and/or the Expanded Lee County Landfill as the sole landfill to be permitted within the borders of Lee County.	Ongoing for next five years

Ref: Ten year plan update.doc

**ATTACHMENT A**

# MINUTES of the LEE COUNTY BOARD MEETING

NOVEMBER 18, 2003

BOOK 26 PAGE 191

THIS CAME OUT OF COMMITTEE AND WAS SECONDED BY MRS. TAYLOR. MOTION CARRIED.

DUE TO BUDGET CONSTRAINTS, THE SHERIFF STATED HE IS FIVE PEOPLE SHORT AND HAS INFORMED ANIMAL CONTROL ANY REQUEST FOR ASSISTANCE WOULD ONLY BE PROVIDED IN "EMERGENCY SITUATIONS".

MR. WILLIS GAVE THE WASTE MANAGEMENT REPORT AND PRESENTED THE LEE COUNTY TEN YEAR SOLID WASTE PLAN UPDATE RESOLUTION:

## RESOLUTION

No. 11-03-013

WHEREAS, the Solid Waste Planning and Recycling Act (415 ILCS 15/1 et seq.) requires Lee County's Solid Waste Management Plan to be reviewed and updated every five years, and any revisions to be submitted to the Illinois Environmental Protection Agency; and

WHEREAS, Lee County's Solid Waste Coordinator prepared the Lee County Ten Year Solid Waste Plan Update; and

WHEREAS, the Lee County Board made the Lee County Ten Year Solid Waste Plan Update available for public review and comment from October 21, 2003 to November 18, 2003; and

NOW THEREFORE BE IT RESOLVED by the Lee County Board that the Lee County Ten Year Solid Waste Plan Update (attached hereto and made part hereof) be adopted.

PASSED BY THE LEE COUNTY BOARD

THIS 18 DAY OF Nov, 2003

BY: James J. Shelby  
Lee County Board Chairman

ATTEST:

Nancy Nelson  
Lee County Clerk

THIS CAME OUT OF COMMITTEE, SECONDED BY MRS. TAYLOR. MOTION CARRIED.

THE HEALTH & WELFARE COMMITTEE REPORT WAS GIVEN BY MR. STEVENS. THE RONALD MCDONALD CARE MOBILE WILL BE COMING TO THE DIXON AREA ON DECEMBER 4TH AND 5TH. (HANDOUT PLACED ON FILE). THE HANDOUT DETAILS WHAT THE UNIT PROVIDES.

THE ROAD & BRIDGE REPORT WAS GIVEN BY MR. TOFTE WHO READ THE FOLLOWING CLAIMS:

**ATTACHMENT B**

# MINUTES of the LEE COUNTY BOARD MEETING

JULY 15, 2003

BOOK 26 PAGE 114

A RESOLUTION AMENDING THE SOLID WASTE MANAGEMENT PLAN WAS PRESENTED:

## RESOLUTION

No. 07-03-001

WHEREAS, on August 18, 1993, the Lee County Board adopted the Solid Waste Management Plan for the management of municipal waste generated within its boundaries; and

WHEREAS, on October 20, 1998, the Lee County Board adopted its first Five Year Solid Waste Plan Update (Addendum #1); and

WHEREAS, the Five Year Solid Waste Plan Update (Addendum #1) states in pertinent part on page 8, recommendation number 16 that:

The County will rely on the Lee County Landfill for its long-term disposal capacity pursuant to its Solid Waste Management Agreement with Allied Waste Industries of Illinois, Inc. For the next five years, from the date this plan addendum is approved by the Lee County Board, there shall not be any new landfills sited or expanded in Lee County; and

WHEREAS, the Lee County Landfill has approximately six years of remaining capacity and the amount of time necessary to site, permit and develop a new landfill can exceed six years; and

WHEREAS, on October 15, 2002 the Lee County Board and Allied Waste Industries of Illinois, Inc. agreed to amend the 1994 Solid Waste Management Agreement and Allied Waste Industries of Illinois, Inc. has subsequently informed the County of its intent to file an application with the County to expand the existing Lee County Landfill.

NOW THEREFORE BE IT RESOLVED by the Lee County Board that the Lee County Solid Waste Management Plan, and more specifically, the Lee County Five Year Solid Waste Plan Update (Addendum #1) shall be amended by deletion of recommendation number 16 on page 8, and insertion of the following new recommendation number 16:

16. At the current rate of waste intake at the Lee County Landfill, the capacity of the Lee County Landfill is anticipated to be depleted by 2009. Consistent with the Illinois Solid Waste Planning and Recycling Act, it is the determination and policy of Lee County to continue to rely on landfilling as its preferred disposal option for the foreseeable future. Historical experience in Illinois indicates that it can take from three to ten years to site, permit and develop new landfill capacity. As such, Lee County recognizes the need to site additional landfill capacity within Lee County to insure that its long-term disposal option remains viable, and the County is not forced to export its waste at a higher cost to its residents and businesses. Any potential landfill expansion or new landfill must meet the requirements of Section 39.2 of the Illinois Environmental

Protection Act and the Lee County Pollution Control Facility Siting Ordinance.

PASSED BY THE LEE COUNTY BOARD

THIS 15 DAY OF July, 2003

BY: James L. Hubert  
Lee County Board Chairman

ATTEST:

Nancy Nelson  
Lee County Clerk

MR. TRENT MADE A MOTION, SECONDED BY MR. AURAND, TO APPROVE THE RESOLUTION  
MOTION CARRIED.