

2005 PLAN

WASTE REDUCTION TASK 1: PUBLIC INFORMATION AND PROMOTION OF SOURCE REDUCTION /HAZARDOUS WASTE MANAGEMENT/SCHOOL RECYCLING EDUCATION/LANDSCAPE WASTE MANAGEMENT

- 1-1. Continue to implement the solid waste education program with the assistance from the Natural Resource Education Consortium.
- 1-2. Maintain and promote the “information clearinghouse” at the DeKalb County Health Department and continue to obtain informational documents on source reduction, recycling, composting, and household hazardous waste.
- 1-3. Design and implement a publicity campaign, and obtain assistance from local civic organizations.
- 1-4. Continue to provide assistance with development of schools curricula and presentation of programs to educate students.
- 1-5. Design and conduct a public outreach campaign at public events and local festivals.
- 1-6. Develop an in-store shopper awareness program.
- 1-7. Develop a regular newspaper column and/or newsletter.
- 1-8. Develop an education program to encourage residents to leave grass clippings on the lawn or backyard compost landscape waste. Include information on how to minimize potential problems with backyard composting.
- 1-9. Design and implement an Internet “web page” for dissemination of information.
- 1-10. Promote and assist with development of enhanced in-school recycling and waste reduction education programs.

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WASTE REDUCTION TASK 2: WASTE AUDITS OF COUNTY FACILITIES AND BUSINESSES/EDUCATION AND MOTIVATION OF PRIVATE BUSINESS AND INSTITUTIONS

- 2-1. Collect information on waste disposal from employees at the facilities and from records if available.
- 2-2. Identify options for changing work processes so that less waste is produced, based on advice from employees with first hand knowledge.
- 2-3. Identify options for recycling and for procurement of materials that reduce waste,
- 2-4. Expand County government recycling and waste reduction programs, including procurement of recycled content products to set an example for other units of government and business.
- 2-5. Publicize results of waste audit of County facilities.
- 2-6. Offer assistance with waste audits to commercial, institutional and industrial businesses in the County, providing recommendations for further waste reduction and recycling opportunities.
- 2-7. Develop a public relations effort to inform businesses and institutions of the waste audit assistance program.
- 2-8. Develop a self-help audit manual or obtain copies of self-audit manuals and distribute to local businesses.
- 2-9. Determine a selection and application process of achievement awards and then publicize the presentation of the awards.
- 2-10. Make grants available for the development and implementation of waste reduction and recycling programs.

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WASTE REDUCTION TASK 3: EVALUATE OPITONS FOR FACILITATING THE EXCHANGE / REUSE OF REUSABLE MATERIALS

- 3-1. Evaluate incorporating material exchanges in conjunction with municipal spring and fall clean-up days.
- 3-2. Promote and publicize freecycling – electronic swap boards for materials exchange.

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WASTE REDUCTION TASK 4:

EVALUATION OF OPTIONS FOR MANAGING USED OIL, OLD PAINT, USED TIRES, WHITE GOODS, SMALL ELECTRONIC DEVICES AND HOUSEHOLD HAZARDOUS WASTE

- 4-1. Encourage and assist local automotive service businesses in developing a network of used automotive fluid drop-off sites in the County.
- 4-2. Consider alternatives to paint and oil collection program including paint exchanges and single event collection programs.
- 4-3. Explore and evaluate options for local or regional household hazardous waste (HHW) collection and management.
- 4-4. Assess the need to develop an alternative white goods collection and management system.
- 4-5. Continue work along with the DeKalb County Farm Bureau in monitoring and evaluating the current system for managing used tires and determine the need for additional planning.
- 4-6. Continue to monitor and apply for IEPA's and Illinois Department of Commerce and Community Affairs (DCCA) grant programs for the management of HHW, white goods, used tires, and other difficult to manage waste.
- 4-7. Assess and develop electronics or e-waste collection and management systems.

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WASTE REDUCTION TASK 5: ESTABLISH A NETWORK OF RURAL DROP-OFF CENTERS AND/OR CURBSIDE COLLECTION

- 5-1. Conduct meetings with the municipalities, townships, haulers and citizens to discuss the need for and type of drop-off centers necessary to service the unincorporated area of the County and locate the most suitable areas for drop-off centers.
- 5-2. Determine whether the centers will be manned or unmanned, operating hours, materials accepted, who will service the centers, cost of the program and payment method.
- 5-3. Monitor the need for additional facilities.
- 5-4. Encourage curbside recycling in unincorporated areas where service is available.

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WASTE REDUCATION TASK 6: ASSIST MUNICIPALITIES WITH IMPLEMENTATION OF CURBSIDE / OR DROP-OFF AND MULTI-FAMILY RECYCLING PROGRAMS

- 6-1. Study existing curbside, drop-off and multi-family recycling programs in the County.
- 6-2. Provide technical assistance to municipalities in establishing and / or expanding curbside, multi-family and / or drop-off recycling programs.
- 6-3. Provide assistance to municipalities in determining the location of drop-off recycling centers.
- 6-4. Assist municipalities in determining the materials to be included in the program.
- 6-5. Seek alternatives to burning of landscape waste.

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WASTE REDUCTION TASK 7: STIMULATING COMMERCIAL AND INSTITUTIONAL RECYCLING SERVICE

- 7-1. Examine the commercial and institutional recycling services already being offered by local haulers.
- 7-2. Conduct public meetings with hauling companies, the local business/industrial associations and public officials on the development of a more comprehensive commercial/institutional recycling program.
- 7-3. Provide a guidebook and develop minimum guidelines for a commercial recycling program.
- 7-4. Study possible alternatives to increase and promote commercial recycling in the County.
- 7-5. Provide incentives or assistance to businesses that seek to implement waste reduction and recycling programs.

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WASTE REDUCTION TASK 8: EVALUATION OF CONSTRUCTION / DEMOLITION DEBRIS

- 8-1. Meet with local builders and contractors to discuss current construction/ demolition (C/D) management practices and what options are available for recycling and /or reusing materials.
- 8-2. Develop a record keeping system to track the generation and management of construction/demolition debris.
- 8-3. Attempt to identify existing local markets and/or potential markets. Set quantitative recycling goals.
- 8-4. Develop and/or provide information on preferred management of C/D debris.
- 8-5. Support local and regional pilot studies on reducing and/or recycling C/D debris.
- 8-6. Evaluate whether to adopt an ordinance requiring C/D related projects to submit C/D waste reduction plans.
- 8-7. Explore the feasibility of developing a procurement policy for recycled C/D material.

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**WASTE REDUCTION TASK 9:
EVALUATION OF ORPHAN WASTES**

TASK #9 INCORPORATED INTO TASK #4

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WASTE REDUCTION TASK 10: RECORD KEEPING AND REPORTING OF RECYCLING OPERATIONS AND FINAL DISPOSAL

- 10-1. Track statewide efforts to standardize recycling record keeping and reporting.
- 10-2. Develop a reporting format and update as needed.
- 10-3. Continue to collect data and maintain a record keeping system for recycling and waste generation statistics for DeKalb County.
- 10-4. Develop a system to track the disposal of waste not recycled with input from waste haulers and landfills.

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WASTE REDUCTION TASK 11: OVERALL PROGRAM ADMINISTRATION AND FUNDING

- 11-1. Continue to support the Solid Waste Management Program and staff.
- 11-2. Select technical and legal consultants, if necessary.
- 11-3. Evaluate and implement appropriate funding mechanisms such as tipping fee surcharge, host agreements, grants, local surcharges, etc. to pay for plan components.
- 11-4. Apply for the appropriate IEPA and DCCA grant funding.
- 11-5. Continually evaluate IEPA's and DCCA's grant programs.
- 11-6. Research and evaluate other funding options (e.g. USEPA, FHA).

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WASTE REDUCTION TASK 12: PROGRAM MONITORING AND EVALUATION

- 12-1. Continue to monitor waste generation at County facilities.
 - 12-2. Analyze reported data from recycling operations to detect trends and to measure the effects of education and of the ordinances establishing recycling service.
 - 12-3. Seek comments from haulers and businesses to determine if the recycling program is on track and meeting everyone's needs.
 - 12-4. Evaluate education program, waste audit program and the recycling provisions of the Plan.
 - 12-5. Revise priorities and goals and plan future actions
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WASTE REDUCTION TASK 13: LEGISLATIVE AND REGULATORY TRACKING AND LOBBYING

- 13-1. Track the status of bills introduced in the General Assembly that may influence the County's Solid Waste Plan.
- 13-2. Send letters and/or meet with legislators on any key bills.
- 13-3. Track the status of the IEPA's and DCCA's rule-making for grants for the management of household hazardous waste, white goods, and other wastes.

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FINAL DISPOSAL TASK 1: MONITORING OF EXISTING DISPOSAL CAPACITY

- 14-1. Conduct an annual evaluation of the location and number of landfills accepting solid waste from the County and the amount of DeKalb County waste they accepted.
- 14-2. Obtain and analyze copies of annual capacity reports and calculations submitted by the landfills to the IEPA (due April 15).
- 14-3. Annually review the capacity status of each landfill accepting waste from the County to determine the viability and economic feasibility of continued reliance on existing landfill disposal capacity.
- 14-4. Prepare an annual capacity determination report and submit it to the County Board.
- 14-5. Develop a tracking system to monitor the quantity of waste being disposed from in-county and out-of-county sources, and to monitor and determine the amount of remaining landfill capacity.

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FINAL DISPOSAL TASK 2: RESEARCH AND AMEND FACILITY SITING / FILING FEE ORDINANCE AND DEVELOP AND ADOPT LANDFILL SITING CRITERIA

- 15-1. Obtain and review the most recent language in Section 39.2 of the Illinois Environmental Protection Act (i.e. siting law).
- 15-2. Amend existing County ordinances to address filing fee requirements and to require more specific information in the siting application than required by the State siting law. Especially in regards to green waste composting facilities and landfills.
- 15-3. Strongly encourage the municipalities to enact a similar facility siting/filing fee ordinance.
- 15-4. Develop and adopt landfill-siting criteria within two years of Plan adoption.
- 15-5. Assure that the landfill siting criteria is compatible with DeKalb County's Comprehensive Plan and the appropriate layers of the landfill siting criteria are mapped onto the County's GIS.
- 15-6. Allow for the siting of a new pollution control facility if and when such is determined necessary and appropriate by the County Board.