

| Key Topic   | Existing Recommendation  | Implementation Status   | 2011 #   | 2011-2020 Recommendation  | time frame |
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|   | (2000 Cook SWP reference chapter; KG = key goal from 2000 SWP)                                 |   |          | S=short term, L = long term   |            |
| <b>SOURCE REDUCTION AND REUSE</b>   |  |   |          |   |            |
| <b>County Operations and Purchasing</b>                                       | Strengthen procurement practices. Consider lifecycle costing.                                  | Partially implemented. Procurement practices consider recycled content and recyclable materials. Keep and expand modify recommendation                                  | <b>1</b> | Encourage stronger procurement practices by the County to promote reused and reusable goods and reduce packaging/lifecycle costs. Serve as a government model by enforcing office practices such as implementing double sided printing and copying at all County offices. Develop further strategies to reduce operational waste at County facilities. (Convene Advisory Committee)   | <b>S</b>   |
| <b>Commercial/Institutional/Municipal - Waste Audits and Public Education</b> | Offer technical assistance and auditing services to businesses ( <i>Source Reduction 9.6</i> ) | Not implemented. Cook County is considering funding a pilot program for waste audits in combination with energy audits funded by EECBG. Modify existing recommendation. | <b>2</b> | Encourage source reduction by businesses, institutions, and municipalities. For example, a) Explore the feasibility to offer and provide information regarding waste audits for businesses and institutions; b) Support proposals for waste audits for businesses and municipalities; c) Encourage businesses to use established resources and publications, such as Illinois Recycling Association's "Recycling Works: A Toolkit for Reducing Waste in the Workplace" (2010). (Convene Advisory Committee) | <b>S</b>   |
| <b>Construction &amp; Demolition (C&amp;D) Material Reuse</b>                 |  | <b>NEW</b>  | <b>3</b> | Consider draft strategies developed by Department of Environmental Control to encourage deconstruction, salvage and reuse of C&D materials. For example, a) Implement priority initiatives of Deconstruction Strategy Report; b) Encourage deconstruction and material reuse goals for Neighborhood Stabilization Program. See R11 for related C&D recycling incentives. (Convene Advisory Committee)   | <b>S</b>   |
| <b>Commercial/Industrial Material Reuse</b>                                   |  | <b>NEW</b>  | <b>4</b> | Encourage the reuse of commercial/industrial materials and support the research and development of new markets for problem materials such as gypsum. For example, a) Support a regional materials exchange (e.g. Chicago Waste-to-Profit Network) managed either by the County or linked to a city network; b) Support research and development to explore new markets for problem materials such as gypsum or leaded glass in e-waste (e.g. Waste-to-Product Action Plans)                                 | <b>S</b>   |
| <b>Public Education - Landscape Waste Composting</b>                          |  | <b>NEW</b>  | <b>5</b> | Promote landscape waste reduction and land-applied "backyard" composting among households to reduce the need for commercial composting during the normal season. Encourage especially in unaffiliated and unincorporated areas and possibly seek grant funding to promote landscape waste composting.   | <b>L</b>   |
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| <b>RECYCLING</b>                                  |   |  |           |   |          |
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| <b>Recycling Goals</b>                            |   | <b>NEW</b>   | <b>6</b>  | Use a tiered approach to improve overall recycling rate for Cook County: a) Follow the "zero-waste" philosophy with a vision of a 100% diversion rate; b) Set a stretch goal in the range of 50%-70% based on improved data expected to be available in the next year; c) Set a 25% recycling rate for each sub-county region as a baseline goal. (Convene Advisory Committee)  | <b>S</b> |
| <b>Residential Recycling Data</b>                 | Provide assistance and/or offer funding assistance to low ranking (recycling rate) municipalities on ways to improve. ( <i>Residential Recycling 9.8</i> )  | Not implemented. Modify existing recommendation.   | <b>7</b>  | Collect current baseline data from municipalities and townships on recycling programs and recovery rates. Discuss ways to assist municipalities with low (<25%) rate. (Convene Advisory Committee) See also R26.  | <b>L</b> |
| <b>Residential Recycling Incentives / Funding</b> | Encourage residents to recycle by placing special recycling containers adjacent to waste dumpsters ( <i>Multi-family recycling 9.9, KG 3</i> ) . Implement "Pay-as-you-throw" programs. ( <i>Quantity Based Fee Programs 9.13</i> )   | Partially implemented. Some municipalities offer special/larger recycling containers, but these are often an extra charge. Pay-as-you-throw programs have not been widely implemented by Cook County municipalities. Modify existing recommendation. | <b>8</b>  | Conduct a comprehensive cost-benefit analysis of recycling and disposal in Cook County to show economic incentives for diversion initiatives. Develop a subsequent implementation plan that identifies best practices, incentives or resources for recycling programs. For example, purchase or require recycling bins next to all waste dumpsters. Some may be revenue generating, such as programs similar to Recycle Bank or Curbside Value Partnership. (Convene Advisory Committee)  | <b>S</b> |
| <b>Commercial/Institutional Recycling</b>         |   | <b>NEW</b>   | <b>9</b>  | Serve as a model by offering recycling services at all County facilities. Attempt to record volume, character, and end-use of recyclables collected.  | <b>L</b> |
| <b>County Operations and Purchasing</b>           | Revise procurement practices to encourage use of end-product compost in construction and landscaping projects ( <i>Landscape Waste 9.7</i> ); Purchase reusable and recyclable materials for all County operations (office and construction) and compile model procurement documents to share with other local governments ( <i>Purchasing 9.14, KG 4</i> ) | Partially implemented. County uses compost and recycled products to some degree in its operations and for its projects. Keep and expand existing recommendation.   | <b>10</b> | Continue to procure end-product compost for County construction and landscaping projects, and continue to procure reusable (R1), recyclable or compostable products for operation of all County facilities. Explore strategies to increase the purchasing of recyclable or reusable products among the County's municipalities or agencies such as a) Developing model procurement documents to share with other local governments; b) Coordinating with Forest Preserve, Highway Department and Sheriff's Office to green their purchasing policies if needed. | <b>S</b> |

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| <p><b>Construction &amp; Demolition (C&amp;D) Material Recycling</b></p>      | <p>Promote recycling of C&amp;D debris and reduce illegal dumping by providing recycling opportunities, facilitating the development of C&amp;D recycling centers, and revise procurement practices to increase the amount of C&amp;D materials used in public works projects.<br/><i>(Construction/Demolition Debris Recycling 9.11)</i></p> | <p>Partially implemented. A new County C &amp; D Recycling Ordinance is pending. County is using portion of EECBG funds to develop strategies to support deconstruction and C&amp;D reuse. Keep and expand existing recommendation.</p>  | <p><b>11</b></p> | <p>Promote the recycling or reuse of C&amp;D debris. For example, a) Revise and adopt pending C&amp;D ordinance; b) Plan for the implementation of pending C&amp;D ordinance including the education of contractors; c) Develop further analysis of deconstruction policies and their regional impact; d) Continue to use and monitor the amounts of recycled C&amp;D materials in public works projects; e) Identify local markets for recycled C&amp;D materials, connect suppliers with recyclers through networking events or programs. See also R3 for related C&amp;D reuse initiatives.</p> | <p><b>S</b></p> |
| <p><b>Public Information/Education on reduction/recycling initiatives</b></p> | <p>Distribute public information and promote reduction/recycling initiatives through a newsletter and website <i>(Public Information and Education 9.4, 10.8)</i>; Promote source reduction through more education programs, newsletters, web pages, etc <i>(Source Reduction 9.6)</i>.</p>   | <p>Partially implemented. Some waste agencies and municipalities or waste agencies have educational programs. SWANCC has various popular public outreach programs. However, County's Solid Waste management website does not share resources on local programs, facilities or best practices. Keep and expand existing recommendation.</p> | <p><b>12</b></p> | <p>Establish active outreach and public educational programs on reduction and recycling initiatives. For example, a) Update Cook County's Solid Waste Management web page and include links to information on existing programs and resources; b) Explore potential for quarterly e-newsletter or information sharing through other media outlets (e.g. County's television broadcasting channel).</p>   | <p><b>S</b></p> |
| <p><b>Multi-family Residential Recycling</b></p>                              | <p>Require haulers to provide recycling services to multi-family residential buildings as part of their contract with the waste agency or municipality. <i>(Multi-family recycling 9.9, 10.1.2, KG 3)</i></p>   | <p>Partially implemented. Some waste agencies and municipalities require recycling services. Modify existing recommendation.</p>   | <p><b>13</b></p> | <p>Encourage an increase recycling in multi-family buildings through, for example, a) Public awareness campaigns for landlords and property managers (See R12); b) Providing model ordinances and case studies (such as WCCSWA's previous multi-family requirements) to encourage multi-family recycling for municipalities, townships or Cook County; c) Annual awards for buildings demonstrating high recycling rates.</p>  | <p><b>L</b></p> |
| <p><b>Commercial/Industrial Recycling</b></p>                                 | <p>Promote commercial/industrial recycling by offering or advertising waste audit services or technical assistance manuals. Promote pilot programs to increase commercial recycling. <i>(Commercial Recycling 9.10, KG 3)</i></p>   | <p>Not implemented. Programs such as commercial franchising has been successful in some municipalities (such as Skokie) but the County has not encouraged wider adoption or promoted other alternatives. Keep and expand existing recommendation.</p>  | <p><b>14</b></p> | <p>Identify strategies to increase commercial/industrial recycling. For example, c) Identify and publicize successful programs for other waste agencies and municipalities to consider as models; d) Explore new pilot programs such as providing restaurants or businesses that will/currently compost with expedited permits, licenses, waived fees, etc. (Convene Advisory Committee) See R2 for related recommendation regarding waste audits.</p>   | <p><b>L</b></p> |

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| <b>Commercial/Industrial Recycling</b>               | Mandate commercial/industrial recycling (as City of Chicago or Kane County does). <i>(Commercial Recycling 9.10, KG 3)</i>   | Not implemented. Keep existing recommendation.  | <b>15</b> | Encourage commercial/industrial recycling in contracts or in licensing provisions for haulers.   | <b>L</b> |
| <b>Economic Development</b>                          | Identify and support opportunities for job growth in recycling and related industries <i>(Economic Development 9.21, KG 9)</i>   | Partially implemented. The County is currently supporting a pilot deconstruction job training program. Keep and expand existing recommendation.   | <b>16</b> | Develop additional strategies for supporting recycling and related businesses and job growth in related sectors. Explore incubator and other strategies to nurture reuse and recycling businesses that use solid waste generated in Cook County in their supply chain. (Convene Advisory Committee)  | <b>S</b> |
| <b>Food Waste Composting</b>                         |  | <b>NEW</b>  | <b>17</b> | Evaluate current local food waste composting practices. For example: a) As permitted facilities become available, collect landscape and food waste for all County operations and facilities as a demonstration pilot program; b) Convene Advisory Committee to research current barriers to and develop strategies and incentives for wider adoption of food waste composting.   | <b>S</b> |
| <b>TRANSPORT, FACILITIES, PERMITTING, TECHNOLOGY</b> |  |   |           |  |          |
| <b>New Technologies</b>                              | Monitor conditions and evolving technologies, such as composting, WTE and other conversion technologies since prospects for new disposal facilities are not likely. <i>(New Disposal Facilities 9.16)</i>  | Not implemented in any formal way, although waste agencies and municipalities have been approached with various conversion proposals over the past decade. Keep and expand existing recommendation. | <b>18</b> | Monitor and evaluate evolving technologies. Convene technical advisory committee to consider issues involving a) Economic feasibility of certain conversion technologies; b) Siting guidelines for a potential future conversion facility in unincorporated Cook County; c) Funding a small-scale pilot program for proven economical and technological viability; d) Developing new composting facilities and the barriers to siting composting facilities and hauling compost. | <b>L</b> |
| <b>Siting /Permitting</b>                            | Prepare an ordinance that specifies application procedures and requirements including fees for siting and permitting of new waste processing or disposal facilities, to be based on IEPA siting criteria. <i>(Siting/Permitting Regulations 9.22, KG 10)</i> | Partially implemented. Ordinance establishing procedures for unincorporated areas was adopted but no siting criteria. Keep and expand existing recommendation.                                      | <b>19</b> | Consider adding siting standards or guidelines for new facilities in unincorporated areas in addition to IEPA siting criteria; the current ordinance only includes application procedures. (Convene Advisory Committee)  | <b>L</b> |

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| <b>Reduced Transportation Costs</b>             | Reduce dependence on outside disposal sites by utilizing available processing and disposal facilities in Cook County ( <i>Maximizing Waste Management Self-Reliance 9.15, KG 5</i> ). Site new transfer facilities at locations with rail access and encourage all stations to recover recyclable materials ( <i>Transfer and Transport 9.18</i> ). | Not implemented. Local landfill capacity has continued to decline and Robbins WTE facility closed in 2001. Although there are plans to reopen this as a biomass power plant, there is still growing dependence on and increase in the number of transfer stations to process and ship waste to remote disposal sites. In addition, the County has not been involved in siting, licensing or permitting for any facilities. Modify existing recommendation. | <b>20</b> | Consider setting a goal for percentage of waste transported out-of-county to reduce dependence on remote disposal sites and reduce transportation costs and climate impacts. Continue to consider sites where transportation of waste would have less environmental impact, such as proximity to rail transport. (Convene Advisory Committee)   | <b>L</b> |
| <b>Zoning Reform</b>                            | Prepare zoning requirements and/or develop guidelines that would promote the inclusion of appropriate waste management and recycling facilities or features in all new multi-family, commercial and institutional developments. ( <i>Siting/Permitting Regulations 9.22, KG 10</i> )  | Not implemented. Keep and expand existing recommendation.  | <b>21</b> | Explore the feasibility to prepare zoning requirements and/or development guidelines that would promote the inclusion of appropriate waste management and recycling facilities or features in all new multi-family, commercial and institutional developments. Also include standards for siting C & D facilities in unincorporated Cook County.  | <b>L</b> |
| <b>BANNED &amp; HAZARDOUS WASTES</b>            |   |  |           |   |          |
| <b>Drop-off Locations and Collection Events</b> | Establish a permanent HHW collection system, in cooperation with sub-county agencies, the City of Chicago, or private recyclers. Develop one or more permanent collection facilities ( <i>HHW Disposal 9.19, KG 7</i> ; Work with selected retailers to accept hazardous waste (e.g., paint, used oil). ( <i>Banned Material Recycling 9.12</i> )   | Partially implemented. Publicly-hosted collection events for HHW were implemented but discontinued because of lack of funding. Private or co-sponsored facilities or events have been explored for some materials. For example, the County has promoted a drop-off take-back program for prescription drugs in cooperation with Walgreens. Keep and expand existing recommendation.  | <b>22</b> | Establish permanent HHW and e-waste drop-off facilities along with regular collection events. For example, a) Establish a permanent e-waste collection facility; b) Plan for a permanent HHW collection facility that accepts the most common/troublesome materials; b) Partner with private recyclers to co-sponsor and manage HHW collection sites collection events; c) Partner with and publicize programs by additional retailers and recyclers to accept hazardous materials; d) Encourage more sustainable disposal of waste oil consistent with best practices by the IEPA. | <b>S</b> |

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| <b>Public Information/Education</b>  | Educate residents on proper storage, handling and disposal of hazardous waste and publicize drop-off/collection sites ( <i>HHW Disposal 9.19</i> ).   | Partially implemented. Some sub-County agencies provide information to residents in their service areas. Keep existing recommendation.  | <b>23</b> | Continue to educate the public about proper storage, handling and disposal of HHW and provide information on materials that are banned from landfills (especially after new ban of e-waste in Jan. 2012), especially for residents in unincorporated or unaffiliated areas. The County should set a public example, showing its commitment to reduce source toxins generated in the maintenance of its facilities by, for example: a) Increasing green product purchasing or b) Becoming a member of Clean Air Counts. | <b>S</b> |
| <b>Funding</b>   |   | <b>NEW</b>  | <b>24</b> | Explore funding for revenue sources for County hazardous waste management activities, such as funding from the Metropolitan Water Reclamation District to implement permanent HHW sites and programs or take-back programs for prescription drugs and other chemical hazardous wastes.   | <b>L</b> |
| <b>Illegal Dumping, Enforcement</b>  | Establish aggressive law enforcement along with legal and convenient disposal opportunities to curb illegal dumping. Support citizen education programs such as former SSSWA program. ( <i>Combating Illegal Dumping 9.20, KG 8</i> ) | Partially implemented. SSSWA initiated a citizens education and special police training program, but this program is not currently active. Keep and modify existing recommendation. | <b>25</b> | Evaluate the potential for cooperation with the Cook County Sheriff's Office regarding special police training. Evaluate the feasibility of citizen education programs.  | <b>L</b> |
| <b>ADMINISTRATION, COORDINATION &amp; FUNDING</b>                                  |   |   |           |  |          |
| <b>Data Collection</b>   | Establish county-wide database containing data on waste generation quantities, recycling programs, tipping fees, etc. (General Coordination, Administration and Support 9.3, 10.1.5, KG 1)  | Not implemented. Keep existing recommendation.  | <b>26</b> | Encourage better data collection practices. Collect annual baseline data for unaffiliated and unincorporated areas, improve data collection within all sub-County waste agencies, and establish standard reporting requirements between all reporting entities.  | <b>L</b> |
| <b>Planning Delegation with Affiliated, Unaffiliated, and Unincorporated Areas</b> | Establish delegation agreements with three sub-county solid waste agencies to shift responsibility for planning & implementation to these agencies. ( <i>General Coordination, Administration and Support 9.3</i> )                   | Partially implemented. A delegation agreement between Cook County and the three sub-county solid waste agencies was drafted but never executed.                                     | <b>27</b> | Consider executing delegation agreement with sub-County agencies that have their own current solid waste plan. Consider additional delegation agreements with unaffiliated municipalities or unincorporated areas that have their own current solid waste plans.   | <b>S</b> |

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| <b>Coordination of Unaffiliated and Unincorporated Areas</b> | Take lead role in coordinating and monitoring waste management activities for unincorporated areas and unaffiliated municipalities. <i>(General Coordination, Administration and Support 9.3, KG 1)</i> | Partially implemented. County coordinates and monitors some waste management programs but does not track activities or provide technical assistance to unaffiliated municipalities or unincorporated areas. Keep existing recommendation. | <b>28</b> | Improve coordination and monitoring of solid waste activities for unaffiliated municipalities and unincorporated areas. Include representatives for these areas in future solid waste management planning.   | <b>L</b> |
| <b>Coordination through Advisory Committee</b>               | Establish countywide Waste Management Advisory Committee for overall coordination and networking opportunities. <i>(General Coordination, Administration and Support 9.3)</i>                           | Not implemented. An ordinance authorized this committee but it was never convened. Keep this existing recommendation.   | <b>29</b> | Appoint members and convene advisory committees per Sections 11.2 and 11.3 of the Cook County Environmental Control Ordinance.   | <b>S</b> |
| <b>Delegated Authority from IEPA</b>                         |   | <b>NEW</b>  | <b>30</b> | Consider seeking delegated authority and grant agreement from IEPA to transfer enforcement authority for solid waste management facilities to the Cook County Department of Environmental Control. If granted, develop more stringent requirements to enforce bans on landfilling of specific materials. | <b>S</b> |
| <b>Group Contracting</b>                                     | Municipalities or clusters can join forces and improve their bargaining for disposal capacity or for negotiating contracts with haulers. <i>(Out-of-County Landfill Disposal 9.17)</i>                  | Partially implemented. WCCSWA has negotiated group hauling services for its members. Keep and expand existing recommendation.   | <b>31</b> | Conduct outreach to unaffiliated or unincorporated areas to encourage them to become affiliated with a waste agency or join with other municipalities/townships to improve their bargaining for disposal services.   | <b>S</b> |
| <b>Information Sharing</b>                                   | Compile model ordinances for all waste related programs, proposals, agreements, etc <i>(General Coordination, Administration and Support 9.3)</i>   | Not implemented. Delete. Already integrated in specific actions relating to recycling, source reduction, etc.   |           |  |          |

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| <b>Funding, Legislation</b> | License and/or regulate waste haulers and facilities in suburban Cook. Levy \$0.50/ton surcharge to generate revenue for waste management activities. <i>(Licensing of Waste Haulers and Facilities 9.5, 10.1.4)</i> | Not implemented. Modify existing recommendation.  | <b>32</b> | Revisit potential funding sources for implementation of County waste management activities. For example, explore the feasibility of acquiring or constructing a County-owned solid waste management facility (e.g. transfer station, compost facility, WTE plant or HHW drop-off facility). As another example, Cook County could require applicants seeking to site a new pollution control facility in Cook County to first enter into Host Benefit Community Agreements with: 1) the local municipality with jurisdiction over the facility, 2) any solid waste agency that serves the area where the facility will be sited; or 3) Cook County (for unincorporated areas). (Convene Advisory Committee) | <b>S</b> |
| <b>Funding</b>              | Aggressively pursue grants from state and private organizations and foundations <i>(Dedicated Funding Source 9.23)</i>   | Partially implemented, pursued IEPA funding in the past. Keep existing recommendation.  | <b>33</b> | Aggressively pursue grants from state and private organizations and foundations.  | <b>S</b> |
| <b>Funding, Legislation</b> | Support state legislation to reapportion local government landfill surtax to counties. <i>(Dedicated Funding Source 9.23)</i>  | Not Implemented. Delete. There is no applicable state funding legislation at this time. |           |   |          |