

GOAL EVALUATION 2001 LWRMP

GOAL 1: IMPROVE WATER QUALITY THROUGH INCREASED STREAM BANK EROSION PROTECTION AND REDUCTION OF SEDIMENT AND NUTRIENT DELIVERY TO SURFACE WATERS.

2001 OBJECTIVES	WHO IS RESPONSIBLE	ACCOMPLISHMENTS
<ul style="list-style-type: none"> • Complete the compilation of a stream bank erosion inventory of all streams within priority watersheds under Milwaukee County jurisdiction. • Prioritize stream bank erosion control construction projects. • Strive to establish riparian buffer strips on 50% of streams. • Develop a long-term conservation demonstration plot within a county park setting to show the beneficial effects of buffers. 	<p>DPW-ES Parks DATCP WDNR UWEX</p>	<ul style="list-style-type: none"> • The stream bank inventory is complete and has been distributed to all municipalities within the County. • The inventory will soon be available to the public via the County's website. • Stream bank erosion control projects were prioritized, as part of the stream bank inventory. • Riparian buffers have been established as part of many of the stream bank stabilization and water quality projects completed by the County during the last five years. • Buffers have also been established along several waterways adjacent to agricultural fields leased by Milwaukee County, as part of the lease requirements. • Buffers have been established in several Milwaukee County parks with great visibility and accessibility to hundreds of visitors and residents of the county. • One example project involved bank stabilization along approximately 1,000 feet of Lake Evinrude shoreline with wetland and shoreline planting. This project was partially funded through a WDNR Urban Nonpoint Source Grant. • The native buffers surrounding wetlands in Whitnall Park are used in several 'Nature in the Parks' programs to demonstrate the beneficial effects of buffers. 'Nature in the Parks' is a cooperative program of the Milwaukee County Park System, Wehr Nature Center, and the University of Wisconsin Extension that annually educates hundreds of students about environmental issues.

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<ul style="list-style-type: none"> In partnership with the Metropolitan Milwaukee Builders Association and University of Wisconsin Extension (UWEX), provide informational seminars for local builders and interested citizens on methods to reduce construction site runoff and soil erosion. Announce the first workshop by November 2001. 	DPW-ES UWEX WDNR MMBA	<ul style="list-style-type: none"> Milwaukee County provides funding to UWEX, which conducts outreach related to stormwater and water quality issues. UWEX facilitates construction site erosion control workshops. The County worked with partners including the Wisconsin Department of Natural Resources to facilitate workshops related to construction site erosion control.
<ul style="list-style-type: none"> To reduce and control runoff due to animal waste, adopt, implement and enforce the Animal Waste Advisory Committee Prohibitions. 	DPW-ES Municipalities Parks WDNR DATCP	<ul style="list-style-type: none"> Each municipality within Milwaukee County is responsible for implementing the Animal Waste Advisory Committees Prohibitions. Milwaukee County currently follows municipal ordinances relating to these prohibitions, when applicable. The prohibitions are applicable to the Milwaukee County Zoo and State Fair Grounds. In order to meet state standards, multiple projects have been completed (including four at the Zoo) to prevent animal waste from impacting surface water.

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GOAL 2: PROTECT, RESTORE AND ENHANCE WETLANDS, GRASSLANDS, WOODLANDS, ENVIRONMENTAL CORRIDORS, QUALITY FARMLAND, AND NATURAL AREAS, INCLUDING THOSE LOCATED WITHIN MILWAUKEE COUNTY-OWNED PARKS AND OPEN SPACES.

2001 OBJECTIVES	WHO IS RESPONSIBLE	ACCOMPLISHMENTS
<ul style="list-style-type: none"> • Continue to pursue opportunities to protect, enhance and/or restore wetlands, grasslands, and woodlands and/or woody wildlife cover. • Maintain woodlands, grasslands and prairies within the County by recognized management techniques. • Initiate a demonstration plot within a county park. 	<p>DPW-ES Parks UWEX NRCS DATCP WDNR USFWS</p>	<ul style="list-style-type: none"> • The Trails and Natural Trails and Natural Areas Crew (the Crew), a collection of County staff, was formed in 2005 in order to assist regional Milwaukee County Parks staff with the management of natural areas owned by the County, as well as maintenance of the Oak Leaf Trail and other Milwaukee County trails. • The Crew controls invasive species within the natural areas using a variety of methods. • The Crew coordinates volunteer efforts to manage natural areas within County parks. • Many projects have been completed or have been initiated to meet this objective; one such project includes the Wisconsin Avenue Lagoons. A 1995 Nonpoint Pollution Study of the County Grounds found that sediments had reduced the depth and volume of the historic lagoons, the banks were sloughing, and overflow structures were in need of repair. This project drained the ponds, dredged the sediments, and installed a native plant buffer in order to improve storm water quality on the grounds. The project was partly funded by a WDNR grant. • Significant land management and restoration work has been performed on the 200 acres of natural habitats at Whitnall Park. The 'Nature in the Parks' program, a cooperative program of Milwaukee County Park System, Wehr Nature Center, and the University of Wisconsin Extension, teaches hundreds of students, ages two to adult, about the native habitats and the management work that is being performed to maintain and enhance them.

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2001 OBJECTIVE	WHO IS RESPONSIBLE	ACCOMPLISHMENTS
<ul style="list-style-type: none"> • Acquire additional Known Natural Areas and Primary and Secondary Environmental Corridors recommended for county purchase. • Develop a strategic county plan for acquisition and funding in accordance with the priorities set forth in the Parks and Open Space Plan. 	<p>Parks WDNR Land Trusts</p>	<ul style="list-style-type: none"> • Milwaukee County acquired 246.5 acres of parkland between 2000 and 2005. • Approximately 182 acres of land acquisition by Milwaukee County is currently pending.
<ul style="list-style-type: none"> • Initiate a Farmland Preservation Plan by working with applicable agencies to develop a plan. 	<p>DPW-ES DATCP FSA</p>	<ul style="list-style-type: none"> • Typical approaches to Farmland Preservation in Milwaukee County are not being well embraced by the farming community due to escalating land values and increasing difficulty with the logistics of access and feasibility of farming on infill parcels. • While innovative approaches to preserving farmland and rural open space will remain a priority for the county in general, this item will be dropped as an objective since certain incorporated communities such as Franklin are focusing on this topic.

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GOAL 3: ENHANCE LAKE MICHIGAN BLUFF PROTECTION INITIATIVES.

OBJECTIVE	WHO IS RESPONSIBLE	ACCOMPLISHMENTS
<ul style="list-style-type: none"> • Continue to improve and maintain shoreline protection measures in Milwaukee County Parks. • Emphasize toe protection measures to slow beach/base erosion and bluff sloughing. • Approach shoreline erosion problems by utilizing measures such as bluff slope re-grading, surface-water runoff control, berms, groundwater drainage, bulkhead and groin system development. • Encourage re-establishment of vegetation; and promote an on-going maintenance program. 	<p>DPW Parks WDNR</p>	<ul style="list-style-type: none"> • Several bluff stabilization projects, using techniques such as wick drains, stone revetments, and bank grading, have been completed (see Project Descriptions in Appendix 1 for details). • Several shoreline stabilization projects have also been completed (see Project Descriptions in Appendix 1 for details).
<ul style="list-style-type: none"> • Seek to provide additional lakefront open land for recreational use and access. • Promote new trail facilities to provide and improve access. • Discourage off-trail access. 	<p>Parks WDNR</p>	<ul style="list-style-type: none"> • Several projects aimed at providing access to the lake have been completed (see Project Descriptions in Appendix 1 for details).

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GOAL 4: ESTABLISH AN EFFECTIVE INFORMATION MANAGEMENT NETWORK: DEVELOP A GEOGRAPHIC INFORMATION SYSTEM (GIS) AND AN ENHANCED WEB PAGE.

OBJECTIVE	WHO IS RESPONSIBLE	ACCOMPLISHMENTS
<ul style="list-style-type: none"> Develop a county -wide GIS. 	DPW-A&E UWEX DNR SWERPC	<ul style="list-style-type: none"> A critical Enterprise GIS network infrastructure (ArcSDE and Sql Server 2000) was purchased and installed. The County's GIS data layers were converted to Enterprise GIS format (Geodatabase). Access to the County's Enterprise data was provided to all county departments. The County assumed project management of the County's Land Information Program in 2005.
<ul style="list-style-type: none"> Develop a web page with more county-based natural resource information that will be readily available to local communities, developers and other agencies. 	DPW-A&E UWEX SEWRPC	<ul style="list-style-type: none"> A critical Enterprise Web mapping infrastructure (ArcIMS and Web Server) was purchased and installed.
<ul style="list-style-type: none"> Invite specialists to discuss specific programs that can guide development of effective GIS and web site capabilities to further enhance the ability of Milwaukee County to reduce losses to wetlands, woodlands, environmental corridors, natural areas and quality farmland. 	DPW-A&E UWEX SEWRPC	<ul style="list-style-type: none"> Milwaukee County staff has received some internal training to effectively use GIS.