

SECTION V

V. IMPLEMENTATION PROGRAM/PRIORITIES

Based on the information developed in **Sections II through IV**, the WMO has developed a water resource management program that reflects the needs and concerns of the WMO.

A prioritized listing of the studies and programs that have been identified, as necessary to respond to all of the water resource needs within the WMO, is outlined on the following tables. The WMO anticipates implementing, at least to some extent, the programs or studies identified within this plan by the year 2012.

The studies identified in this section of the plan may be entirely or partially completed by the local government unit, the WMO, or joint effort between the WMO or any other government unit. Capital improvements identified in the approved City local plans will be the responsibility of the local government units.

The following list is a summary of actions the GCLWMO has developed that have been defined in Tables 8-10 below.

Education Actions

1. Coordination and implementation of volunteer water quality monitoring. An example of this in the first two years of implementation will be implementing the volunteer monitoring on seven lakes in the WMO in cooperation with the School of Environmental Studies consistent with terms recently acquired Clean Water Legacy Act Grant received January 2007.
2. Maintenance and expansion of the GCLWMO website for water resource management education and material aimed at fostering responsible water quality management practices.
3. Hosting, coordinating and funding “hands-on” educational workshops with GCLWMO residents. An example of this during the first year of implementation will be to implement the lakescape or “Blue Thumb” workshop for lakeshore owners and other relevant residents within the GCLWMO.

Operational and Local Collaboration Actions

1. Working to facilitate resolution of Lebanon Hills Park stormwater issues.
2. Funding the Community Cost Share Program through the Dakota County Soil and Water Conservation District. An example of this during the first year of implementation would be the Shoreland Restoration Grant Program in partnership with Dakota County Soil and Water Conservation District.
3. Implement inter-agency studies, such as the Nicols Meadow Fen Project, that fosters collaboration to address regional issues and identifies potential financing options to effectively implement solutions.
4. Exploring opportunities to work with member communities to establish buffer strips along waterbodies in park public areas.

SECTION V

Regulatory and Oversight Actions

1. In late 2008 /2009, establishing member community oversight and annual reporting to the WMO through integrating the GCLWMO into the NPDES MS4 review and approval process.
2. Reviewing any changes to local water management plans and evaluating their consistency with the Watershed Plan. All local water management plans shall be consistent with the GCLWMO Watershed Management Plan.
3. Reviewing projects and development with member communities where surface water impacts transcend municipal boundaries.
4. Adopting water quality guidelines as defined in the approved member communities' local water plans.

TABLE 8

PROPOSED MANAGEMENT PROGRAMS

WATER RESOURCES MANAGEMENT PROGRAMS		PROPOSED EXPENSES FOR YEAR								
Priority	Project Description	*Cost Estimate	Funding Sources	2007	2008	2009	2010	2011	2012	Comments
High	Coordination and implementation of volunteer water quality monitoring. This will include implementation of volunteer water quality monitoring on seven lakes in the WMO in cooperation with School of Environmental Studies consistent with terms recently acquired Clean Water Legacy Act Grant received January 2007	\$28, 075	MPCA Clean Water Legacy Act funds /Local in-kind match	\$11,230	\$11,230	\$5,615				Completed, in part, as part of CWLA grant
High	Hosting, coordinating and funding “hands-on” educational workshops with GCLWMO residents. This program will include in 2007 implementation of “blue thumb” and shoreline restoration workshops.	\$3,000	GCLWMO General Fund/ SWCD	\$500	\$500	\$500	\$500	\$500	\$500	Training schedule for 2007
High	Adopting water quality guidelines as defined in the approved member communities’ local water plans.	\$1,500	GCLWMO General Fund		\$1,500					
High	Establishing member community oversight and annual reporting to the WMO through integrating the GCLWMO into the NPDES MS4 review and approval process.	\$2,500	GCLWMO General Fund		\$500	\$500	\$500	\$500	\$500	
High	Prepare and make available newsletter for the residents of the watershed.	\$2,400	GCLWMO General Fund	\$400	\$400	\$400	\$400	\$400	\$400	

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WATER RESOURCES MANAGEMENT PROGRAMS		PROPOSED EXPENSES FOR YEAR							
		2007	2008	2009	2010	2011	2012	Comments	
Priority	Project Description	*Cost Estimate	Funding Sources						
High	Maintenance and expansion of the GCLWMO website for water resource management education and material aimed at fostering responsible water quality management practices	\$2,400	GCLWMO General Fund	\$400	\$400	\$400	\$400	\$400	Work with Dakota County SWCD to implement
High	Funding the Community Cost Share Program through the Dakota County Soil and Water Conservation District. An example of this during the first year of implementation would be the Shoreland Restoration Grant Program in partnership with Dakota County Soil and Water Conservation District.	\$30,000	GCLWMO DSWCD	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	
High	Research Grants and Submit Proposals for Funding	\$6,000	GCLWMO General Fund	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
High	Cost Share for Matching grant funds	\$21,000	WMO General Fund	\$3,500	\$3,500	\$3,500	\$3,500	\$3,500	
High	Explore options of using existing standing committees such as a subcommittee to local Parks Commission to serve as required Citizen's Advisory Committee for GCLWMO	\$500	GCLWMO General Fund		\$500				

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WATER RESOURCES MANAGEMENT PROGRAMS		PROPOSED EXPENSES FOR YEAR								
Priority	Project Description	*Cost Estimate	Funding Sources	2007	2008	2009	2010	2011	2012	Comments
High	Reviewing any changes to local water management plans and evaluating their consistency with the Watershed Plan. All local water management plans shall be consistent with the GCLWMO Watershed Management Plan.	\$900	GCLWMO General Fund	\$150	\$150	\$150	\$150	\$150	\$150	
High	Fund on-going administrative, technical and legal programs and staff	\$47,125	GCLWMO General Fund	\$8,825	\$9,125	\$9,425	\$9,725	\$10,025		
High	Reviewing projects and development with member communities where surface water impacts transcend municipal boundaries.	\$2,500	GCLWMO General Fund		\$500	\$500	\$500	\$500	\$500	
Total	Water Resource Programs	\$147,900		\$42,735	\$34,305	\$26,990	\$21,675	\$21,975	\$11,950	

**Estimated cost, actual costs may vary greatly from estimates provided herein.*

TABLE 9

PROPOSED MANAGEMENT STUDIES

WATER RESOURCES STUDIES			PROPOSED EXPENSES FOR YEAR							
Priority	Project Description	Cost Estimate	Funding Sources	2007	2008	2009	2010	2011	2012	COMMENTS
High	Exploring opportunities to work with member communities to establish buffer strips along waterbodies in park public areas.	\$1,500	WMO General Fund		\$1,500					
High	Facilitate a solution to the flooding in and around Lebanon Hills Regional Park	\$0	WMO General Fund	\$0						
High	Explore alternative GCLWMO funding sources	\$1,500	WMO General Fund		\$1,500					
High	Implement Nicols Meadow Fen Grant (2007)	\$17,825	GCLWMO General Fund	\$13,325			\$4,500			
High	Explore the expansion of the GCLWMO boundary to closer emulate hydrologic boundary.	\$1,500	GCLWMO general fund, Local Govt.		\$1,500					
Total	Water Resource Studies	\$22,325		\$13,325	\$4,500		\$4,500			

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PROPOSED MANAGEMENT STUDIES

WATER RESOURCES STUDIES			PROPOSED EXPENSES FOR YEAR							
Priority	Project Description	Cost Estimate	Funding Sources	2007	2008	2009	2010	2011	2012	COMMENTS
MANAGEMENT STUDIES ALREADY COMPLETED										
Completed	Nicols Fen, Kennealy and Harnack Creeks Study									Completed in 2002
Completed	Sedimentation Rate Study to determine sediment accumulation in storm water treatment basins. (started in 1996)									Completed in 2000
Completed	Complete the GCLWMO 2nd Generation Watershed Management Plan									Completed in 1996

*Estimated Cost, actual costs may vary greatly from estimate provided here.

TABLE 10

PROPOSED CAPITAL IMPROVEMENTS PLAN

CAPITAL IMPROVEMENTS			PROPOSED EXPENSES FOR YEAR					COMMENTS	
Priority	Project Description	Cost Estimate	Funding Sources	2007	2008	2009	2010		2011
	The GCLWMO desires to undertake capital improvements ; however, the WMO does not have sufficient funds to complete capital projects at this time. See member approved community plans for a complete listing of proposed CIP's planned to be implemented within the GCLWMO.								