

SECTION V

V. IMPLEMENTATION PROGRAM / PRIORITIES

Based on the information developed in **Sections II through IV**, the Commission has developed a water resource management program that reflects the needs and concerns of the Commission, its member communities, and the residents. A prioritized listing of the studies, programs, and capital improvements that have been identified as necessary to respond to the water resource needs within the Commission is outlined on the following tables. The items in these tables were identified through extensive public input. This implementation program will be reviewed annually by the Commission.

The studies and capital improvements identified in this section of the plan may be entirely or partially completed by the member community, the Commission, or a joint effort between the Commission and a member community. The Commission's schedule for implementing the studies, improvements, and programs is provided on the following tables. The cost identified within the tables reflects the amount of work anticipated to complete these items. However, it is unlikely the Commission will be able to undertake these projects without securing grants or other outside funding within the timeline shown.

Due to the funding constraints of the Commission, rather than attempting to spread its resources over many projects, the Commission has determined it will primarily focus on a few projects at a time and consider doing other projects as funding becomes available. **Therefore, the Commission intends to focus on working to stabilize Elm Creek (CIP-1).**

In order to secure funding for this project and others, the Commission intends to undertake the following activities to secure funding:

- C Encourage member communities to provide funds to the Commission for a project, study, or program listed in this Plan by agreeing to make it a high priority project if funding is available.
- C Actively work to find matching grants or low interest loans for the project, study, or program. Community money and secured grants/loans would then be used for projects, studies, or programs within the member city(ies) that provided the initial funding.
- C Commission may contribute funds towards a project if deemed appropriate and reasonable by the Commission. All funding mechanisms will be in accordance with the provisions of the Joint Powers Agreement.
- C Multiple communities can collaborate together to provide funds for a joint project that the Commission will then work towards finding available grants/loans.

If other projects, programs, or studies come up, the Commission will evaluate their priority and adjust the implementation accordingly. The projects, programs, and studies

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listed within the Commission's Plan in **Tables V-1B, V-2, and V-3** that are identified to be partially or completely the responsibility of the local community must be included in the local Stormwater Management Plan.

TABLE V-1A												
CURRENT CAPITAL IMPROVEMENT PROJECTS												
No.	Priority ¹	Project Description	Total Project Cost Estimate ^{2, 3}	Estimated Cost to be Funded by Commission ^{2, 3}	Potential Funding Sources ³	2003	2004	2005	2006	2007	Future Projects	Comments
CIP-1	High	Undertake bank stabilization and erosion control project within Elm Creek based on study	\$250,000 to \$2,000,000	\$125,000 to \$2,000,000	Grants, Three Rivers Park District, local communities, General Fund, ad valorem tax	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000 per year	Commission has determined this item to be highest priority and thus its implementation focus in the foreseeable future
TOTAL			\$250,000 to \$2,000,000	\$125,000 to \$2,000,000								

1. The Commission has determined that the highest priority is to focus on the stabilization of Elm Creek. While the Commission agrees that the other items shown on these tables are important, the Commission has limited resources and has determined that focusing on one area at a time will be more effective. The Commission will re-evaluate its priorities on an annual basis.

2. Estimated funding level is included here for planning purposes only. Actual costs may vary greatly from estimates provided. This amount is subject to change based on future adjustments to the Joint Powers Agreement, funding and grant availability, or changes in funding levels defined by the annual budget defined by the Commission.

TABLE V-1B

FUTURE CAPITAL IMPROVEMENT PROJECTS

No.	Priority	Project Description	Total Project Cost Estimate^{1,2}	Estimated Cost to be Funded by Commission^{1,2}	Potential Funding Sources	Timeline	Comments
CIP-2	High	Complete water quality improvements based on study for Fish Lake (Maple Grove)	\$20,000 to \$50,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	
CIP-3	Medium	Undertake bank stabilization and erosion control project within Rush Creek based on study	\$250,000 to \$2,000,000	\$125,000 to \$2,000,000	Grants, local communities, general fund, ad valorem tax	Project to be undertaken at future date to be determined based on funding availability	
CIP-4	Medium	Undertake bank stabilization and erosion control project within North Fork Rush Creek based on study	\$250,000 to \$2,000,000	\$125,000 to \$2,000,000	Grants, local communities, general fund, ad valorem tax	Project to be undertaken at future date to be determined based on funding availability	
CIP-5	Medium	Undertake bank stabilization and erosion control project within Diamond Creek based on study	\$200,000 to \$1,500,000	\$100,000 to \$1,500,000	Grants, Three Rivers Park District, local communities, General Fund, ad valorem tax	Project to be undertaken at future date to be determined based on funding availability	
CIP-6	Low	Complete water quality improvement project for Elm Creek based on study	\$50,000 to \$2,000,000	\$25,000 to \$2,000,000	Grants, Three Rivers Park District, local communities, General Fund	Project to be undertaken at future date to be determined based on funding availability	
CIP-7	Low	Complete water quality improvement project for Mill Pond based on study (Champlin)	\$300,000 to \$1,300,000	\$50,000 to \$650,000	Local community, grant, general fund	Project to be undertaken at future date to be determined based on funding availability	
CIP-8	Low	Complete water quality improvements based on study for Rice Lake, Mud Lake, and Weaver Lake (Maple Grove)	\$80,000 to \$200,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	

No.	Priority	Project Description	Total Project Cost Estimate ^{1,2}	Estimated Cost to be Funded by Commission ^{1,2}	Potential Funding Sources	Timeline	Comments
CIP-9	Low	Complete water quality improvements based on study for Mud Lake (Plymouth)	\$20,000 to \$50,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	
CIP-10	Low	Complete water quality improvements based on study for Hayden Lake and Diamond Lake (Dayton)	\$40,000 to \$100,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	
CIP-11	Low	Complete water quality improvements based on study for Lemans Lake (Champlin)	\$20,000 to \$50,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	
CIP-12	Low	Complete water quality improvements based on study for Sylvan Lake (Hassan Twp)	\$20,000 to \$50,000	\$0	Local community	Project to be undertaken at future date to be determined based on funding availability	
CIP-13	Low	Complete water quality improvement project for Goose Lake based on study	\$30,000 to \$100,000	\$15,000 to \$100,000	Grants, Three Rivers Park District, local communities, General Fund	Project to be undertaken at future date to be determined based on funding availability	
CIP-14	Low	Complete water quality improvement project for Crow River based on study	\$30,000 to \$100,000	\$15,000 to \$100,000	Grants, local communities, general fund	Project to be undertaken at future date to be determined based on funding availability	
TOTAL			\$1,540,000 to \$11,450,000	\$580,000 to \$10,350,000			

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2. Cost share from the member communities will be based on the Joint Powers Agreement. Subsequent feasibility studies that define the benefit of the project may change the fee/cost share.

TABLE V-2

STORMWATER MANAGEMENT PROGRAMS

No.	Priority ¹	Project Description	Total Cost Estimate ^{1,2}	Estimated Cost to be Funded by Commission ^{1,2}	Funding Sources	Timeline	Comments
SMP-1	High	Undertake plan review for development projects for areas where Commission is local permitting authority	\$10,000 to \$20,000 annually	\$10,000 to \$20,000 annually	General fund	Program is ongoing	
SMP-2	High	Conduct periodic review and inspection of projects authorized by the permitting authority	\$3,000 to \$8,000 annually	\$3,000 to \$8,000 annually	General fund	Program is ongoing	
SMP-3	High	Undertake enforcement responsibilities when there is no local plan or community is not enforcing policies.	\$0-\$20,000 annually	\$0-\$20,000 annually	General fund	Program is ongoing	
SMP-4	High	Annually review development plan review process with local communities	\$5,000 to \$10,000 annually	\$5,000 to \$10,000 annually	General fund	Program is ongoing	
SMP-5	High	Undertake LGU responsibility for the Wetland Conservation Act <u>for those cities that choose to utilize this service</u>	\$4,000 to \$10,000 annually	\$4,000 to \$10,000 annually	General fund	Program is ongoing	
SMP-6	High	Provide NPDES Phase II assistance for member communities, if requested	\$10,000 to \$80,000 annually	\$0	Local community		
SMP-7	High	Continue the water quality monitoring program for lakes and streams	\$20,000 to \$120,000 annually	\$20,000 to \$120,000 annually	Grant, general fund, local community	Program is ongoing	
SMP-8	High	Implement water quantity monitoring program for lakes and streams	\$10,000 to \$50,000 annually	\$10,000 to \$50,000 annually	Grant, general fund, local community	Program is ongoing	

No.	Priority ¹	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMP-9	High	Develop and implement a public education program in conformance with NPDES Phase II rules	\$5,000 to \$20,000 annually	\$5,000 to \$20,000 annually	General fund, grants, local community		
SMP-10	High	Implement program to ensure stormwater ponds are maintained and adopt a stormwater system maintenance plan (local community).	\$5,000 to \$25,000 annually per community	\$0	Local community		
SMP-11	High	Sweep <u>City-owned</u> paved rural section streets once annually and urban section streets twice annually (local community).	\$10,000 to \$80,000 annually per community	\$0	Local community		
SMP-12	Medium	Review progress and policies relating to Total Maximum Daily Load (TMDL's) as they become available.	\$0 to \$10,000 annually	\$0 to \$10,000 annually	General fund, grants, local community		
SMP-13	Medium	Pursue grant funding to assist public education efforts for local communities	\$0 to \$10,000 annually	\$0	Local community		
SMP-14	Medium	Provide conservation practice technical assistance to farmers who request this service	\$0 to \$50,000 annually	\$0 to \$50,000 annually	Grants, HCD, NRCS		
SMP-15	Medium	Identify and maintain and erosion and sedimentation problem area list for future projects by the Commission or local communities.	\$500 - \$5,000 annually	\$500 - \$5,000 annually	General fund, grants		Program is ongoing
SMP-16	Medium	Act as mediator for deadfall removal issues as requested	\$0 to \$10,000 annually	\$0 to \$10,000 annually	General fund, local community		

No.	Priority ¹	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMP-17	Medium	Cooperate with the Minnesota Department of Health to ensure abandoned and unsealed wells are properly sealed (local community).	\$0 to \$10,000 annually per community	\$0	Local community		
SMP-18	Low	Remove deadfall in creek that is no longer attached to the land (local community)	\$0 to \$30,000 annually per community	\$0	Local community		
TOTAL				\$575,000 to \$3,330,000			

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TABLE V-3

STORMWATER MANAGEMENT STUDIES

No.	Priority	Project Description	Total Cost Estimate ^{1,2}	Estimated Cost to be Funded by Commission ^{1,2}	Funding Sources	Timeline	Comments
SMS-1	High	Develop water quality goals for specific water bodies within the watershed to determine adequacy of water quality protection policies.	\$10,000 to \$40,000	\$10,000 to \$40,000	Grant, general fund, local community	Study to be undertaken at future date to be determined based on funding availability	
SMS-2	High	Complete Wetland Management Plan including an inventory and functions and values assessments of wetlands as funds become available (with local communities)	\$320,000 to \$800,000	\$0 to \$400,000	Grant, local community	Study to be undertaken at future date to be determined based on funding availability	
SMS-3	High	Develop buffer width standards for wetlands, storm ponds, lakes, streams (local community).	\$10,000 to \$50,000	\$0	Local community		
SMS-4	High	Develop criteria for prioritization of water bodies for water quality	\$5,000 to \$20,000	\$5,000 to \$20,000	General fund	Study to be undertaken at future date to be determined based on funding availability	
SMS-5	High	Develop criteria for prioritization of flooding problems	\$5,000 to \$20,000	\$5,000 to \$20,000	General fund	Study to be undertaken at future date to be determined based on funding availability	
SMS-6	High	Develop and adopt floodplain management ordinance in conformance with this Plan (local community).	\$5,000 to \$50,000	\$0	Local community, grant		

No.	Priority	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMS-7	High	Develop and adopt a shoreland management ordinance in conformance with this Plan (<u>encouraged</u> - local community).	\$5,000 to \$50,000	\$0	Local community, grant		
SMS-8	High	Develop and adopt erosion and sediment control ordinance in conformance with this Plan (local community)	\$5,000 to \$50,000	\$0	Local community, grant		
SMS-9	High	Compile a wellhead protection zone map as information becomes available from member communities	\$5,000	\$5,000	General fund	To be developed as information becomes available	
SMS-10	Medium	Review local stormwater management plans for conformance with Elm Creek Watershed Plan	\$8,000 to \$40,000	\$8,000 - \$40,000	General fund	2005-2006	
SMS-11	Medium	Complete hydraulic/hydrologic modeling for watershed and/or locate funding for local communities to complete modeling	\$25,000-\$150,000	\$0 to \$25,000	Grant, general fund, local community	Study to be undertaken at future date to be determined based on funding availability	
SMS-12	Medium	Update study on Elm Creek erosion problems	\$10,000 to \$200,000	\$10,000-\$200,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	

No.	Priority	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMS-13	Medium	Complete study on Rush Creek erosion problems	\$10,000 to \$200,000	\$10,000-\$200,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-14	Medium	Complete study on North Fork Rush Creek erosion problems	\$10,000 to \$200,000	\$10,000-\$200,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-15	Medium	Complete study on Diamond Creek erosion problems	\$10,000-\$200,000	\$10,000-\$200,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-16	Medium	Complete water quality improvement study for Elm Creek	\$10,000 to \$50,000	\$10,000 to \$50,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-17	Medium	Complete water quality improvement study for Goose Lake	\$10,000 to \$50,000	\$10,000 to \$50,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-18	Medium	Complete water quality improvement study for Crow River	\$10,000 to \$50,000	\$10,000 to \$50,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	
SMS-19	Medium	Develop model ordinance and/or standards for manure management and livestock fencing and setback standards.	\$5,000 to \$15,000	\$5,000 - \$15,000	General fund, grants	Study to be undertaken at future date to be determined based on funding availability	

No.	Priority	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMS-20	Medium	Complete water quality study for Rice Lake, Mud Lake, and Weaver Lake (Maple Grove)	\$15,000 to \$90,000	\$0	Local community, grant		
SMS-21	Medium	Complete water quality study for Mud Lake (Plymouth)	\$5,000 to \$30,000	\$0	Local community, grant		
SMS-22	Medium	Complete water quality study for Hayden Lake and Diamond Lake (Dayton)	\$10,000 to \$60,000	\$0	Local community, grant		
SMS-23	Medium	Update study on water quality improvements for Mill Pond and complete study for Lemans Lake (Champlin)	\$10,000-\$60,000	\$0	Local community, grant		
SMS-24	Medium	Complete water quality study for Sylvan Lake (Hassan Twp)	\$5,000 to \$30,000	\$0	Local community, grant		
SMS-25	Medium	Update flood studies within the watershed	\$50,000 to \$100,000	\$50,000 to \$100,000	Local communities, general fund	Study to be undertaken at future date to be determined based on funding availability	
SMS-26	Low	Assist cities in obtaining 2-foot topography or locate funding to assist local communities in obtaining 2-foot topography for selected areas.	\$40,000 to \$300,000	\$0	Local community		

No.	Priority	Project Description	Total Cost Estimate ^{1, 2}	Estimated Cost to be Funded by Commission ^{1, 2}	Funding Sources	Timeline	Comments
SMS-27	Low	Complete the Minnesota Land Cover Classification System (MLCCS) as a planning tool as needed by the local community (local community)	\$10,000 to \$100,000	\$0	Local community (need to be determined by local community)		
TOTAL			\$578,000 to \$2,920,000	\$113,000 to \$1,525,000			

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2. Cost share from the member communities will be based on the Joint Powers Agreement. Subsequent feasibility studies that define the benefit of the project may change the fee/cost share.