

# Nine Mile Creek Watershed District

## *Water Management Plan*

Prepared in accordance with the  
Metropolitan Surface Water Management Act and Watershed Law  
Minnesota Statutes, Chapters 103B and 103D

October 2017, amended ~~April 2018~~March 2019

projects complement the District's regulatory and capital improvement programs. The District's cost share and grant programs are described in the subsequent subsections.

### 6.6.3.1 Competitive Cost Share Program

The District established a competitive cost-share program under the auspices of its education and outreach program in 2008. The cost-share program provides District funding for project elements that exceed minimum regulatory requirements. The program offers financial assistance for implementation of best management practices that:

1. Improve water quality or increase the capacity of the watershed to store water;
2. Preserve, protect and restore native plant and wildlife communities, with emphasis on lakes, rivers and wetlands; and
3. Protect and conserve groundwater quality and quantity.

Competitive cost share grants for implementing improvement projects are available to residents, homeowner and lake associations, nonprofits, schools, businesses, and cities for projects located within the watershed boundaries. The Board of Managers establishes an annual budget for cost-share funding, and periodically reviews and adjusts, as necessary, the eligibility criteria. Presently, grants are awarded for up to 75% of project cost, on a reimbursement basis, for materials, labor, engineering, and consulting fees. The maximum grant award varies by applicable, with up to \$3,000 for residential projects, up to \$10,000 for townhome, condominium, or lake associations, and up to \$25,000 for commercial, government, or nonprofit projects.

Applications are reviewed by staff, and residential applications are also review by the District's Citizens Advisory Committee. All projects must be approved by the NMCWD Board of Managers. In each case, the participating property owner must commit to long term maintenance (either 5 or 10 years, depending on the project type), and making the project available for education signage to capitalize on the education and outreach potential of the work.

The competitive cost share program is funded annually through a portion of the District's levy funds (see Section 6.5.1). The criteria for the consideration of specific projects for cost share funding have been established by the Board of Managers and consideration of revisions may be initiated by the Board of Managers in response to changing conditions in the watershed, to implement new initiatives developed by staff or otherwise as circumstances warrant. The District will conduct a thorough stakeholder engagement process prior to any revision of the cost-share criteria.

Detailed information regarding cost share program eligibility, application guidelines, and deadlines are available from the District website at: [9-Mile Creek Watershed District: Get Involved: Grants](#) [Ref. 41].

### 6.6.3.2 Planning Grants and Projects

Planning grants were established by the District in 2016 as a 3-year pilot program to build capacity within nonprofit organizations to apply for District or other cost share grants and implement best management practices. The grants are available for nonprofit organizations that are held by an organization that is

open and accessible to the public that hold 2.5 acres or more of land located within the District. Through the grant, organizations work with a consultant selected by the District to develop a Conceptual Stormwater and Sustainable Landscape Plan. The District funds 100% of the cost to develop the concept plan, up to a determined maximum amount (\$5,000 for the 3-year pilot program beginning in 2016). As part of the grant, organizations that participate are required to host an educational workshop on a water-related topic and write a newsletter article about the site plan. Planning grants are funded annually through a portion of the District's levy funds. Grant applications are reviewed by staff. All applications must be approved by the NMCWD Board of Managers.

The District applied for and was awarded an Accelerated Implementation Grant for this work from BWSR through the Clean Water, Land and Legacy Amendment in 2017. The grant allowed the District to assess nonprofit parcels for targeted BMP installation on prioritized locations in the watershed. The District conducted outreach at the identified sites to garner support for partnering with the NMCWD on installation of a BMP at each project location. The outcome of the grant led to the development of preliminary design plans and cost estimates for stormwater BMPs on these prioritized sites owned by nonprofit organizations in the watershed. Working in partnership with the property owner in each case but taking a lead role given its expertise in BMP design and construction, the District will install at least one BMP on each property. The outcomes of these projects will reduce stormwater runoff rates, volumes, and pollutant loadings to downstream waterbodies in the District. The organizational, technical, and financial leadership that the District offers on these projects ensures installation of BMPs in strategic locations in the watershed. Without District leadership, the resources to complete these projects may otherwise be unavailable.

### 6.6.3.3 Special Cost Share Projects

As discussed in the introduction to this subsection of the Plan, through implementation of its cost share and capital improvement programs, the District has determined that the water resource protection and improvement needs identified in this Plan can often be addressed most effectively by integrating watershed objectives into other infrastructure, development, and redevelopment activities planned by public and private land owners. To facilitate its productive and efficient engagement with city land-use planners and other potential partners to pursue project opportunities in keeping with elements in the CIP in Table 6-2, the District has developed specific guidelines, development steps and a management structure for special cost-share projects. In this development phase, the District seeks to scale its involvement, with possible District contributions including:

- Assessment of options for or feasibility of options to address a water resources management issue
- Partnering to assess options for or feasibility of options to address a water resources management issue
- Making District staff and/or engineer available to assist with a scope of work
- Contribution of funding to completion of a scope of work
- Providing access to NMCWD data.

Table 6-2. District Capital Improvement Projects during 10-year Plan Cycle

Item Number	Implementation Items	Priority (H= high, M= medium, L= low)	NMCWD Role (Lead, Partner, or Participant)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total Estimated Cost (2018-2027)
1	Stabilize and restore the North Fork of Nine Mile Creek in Edina <sup>1</sup> .	H	Lead	\$1,500,000										\$1,500,000
2	Implement recommendations of Normandale Lake UAA (2005) and/or subsequent studies (see S-6 from Table 6-2), which may include in-lake alum treatment, aquatic plant management, and/or construction of two stormwater treatment ponds within the North Fork and South Fork watersheds.	H	Lead/Partner	\$500,000	\$500,000									\$1,000,000
3	Implement recommendations of Lake Cornelia UAA (2010) and/or subsequent studies (see S-8 from Table 6-2), which may include management of curlyleaf pondweed and carp, alum treatment of phosphorus-rich lake sediment, construction of a stormwater treatment pond and/or an iron-enhanced sand filter just upstream of North Lake Cornelia.	H	Lead/Partner		\$500,000	\$500,000								\$1,000,000
4	Implement structural improvement recommendations from the Pentagon Park/Border Basin Regional Stormwater Management Study.	H	Lead/Partner		\$500,000									\$500,000
5	Implement recommendations of Lake Edina UAA or WRAPS, once completed.	M	Lead/Partner			\$500,000								\$500,000
6	Implement Southeast Anderson Lake improvement recommendations from Anderson Lakes UAA (2005), which includes alum treatment of phosphorus-rich lake sediment and additional curlyleaf pondweed management, as needed.	H	Lead/Partner			\$200,000								\$200,000
7	Implement recommendations of Lake Smetana UAA (2003) and/or subsequent studies (see S-9 from Table 6-2), which may include stormwater pond upgrades in SL-2, SL-6, and SL-11 and construction of new stormwater ponds in SL-7 and SL-19A (see Appendix A for potential locations).	H	Lead/Partner				\$1,000,000							\$1,000,000
8	Implement recommendations of Lake Holiday, Wing Lake and Rose Lake UAA (2010) and/or subsequent studies, which may include alum treatment of phosphorus-rich lake sediment in each lake, aquatic plant management, watershed infiltration BMPs and construction of an iron-enhanced filtration system to treat flows from Lake Holiday.	M	Lead/Partner					\$500,000	\$500,000					\$1,000,000
9	Stabilize the South Fork of Nine Mile Creek.	H	Lead					\$1,000,000	\$500,000					\$1,500,000
10	Implement measures to increase dissolved oxygen concentrations, in collaboration with agencies and stakeholders.	H	Lead/Partner						\$250,000					\$250,000

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11	Implement recommendations of draft Arrowhead and Indianhead Lakes UAA (2006) and/or subsequent studies (see S-10 from Table 6-2), which may include management of curlyleaf pondweed and alum treatment of phosphorus-rich lake sediment.	M	Lead/Partner							\$25,000	\$100,000	\$25,000		\$150,000
12	Implement recommendations of draft Mirror Lake UAA (2004) and/or subsequent studies (see S-11 from Table 6-2), which may include management of curlyleaf pondweed, alum treatment of phosphorus-rich lake sediment, upgrade of stormwater pond in ML-3, and construction of a stormwater pond in ML-16 (see Appendix A for potential locations).	M	Lead/Partner							\$250,000				\$250,000
13	Stabilize the Main Stem of Nine Mile Creek between Marsh Lake and 102nd Street in Bloomington.	H	Lead								\$1,000,000	\$1,000,000		\$2,000,000
14	Implement recommendations of Penn Lake UAA (2003) and/or subsequent studies (see S-12 from Table 6-2), which may include management of purple loosestrife, goose management, and construction of a stormwater pond to treat runoff from future I-35W expansion.	M	Lead/Partner									\$150,000		\$150,000
15	Implement recommendations from other UAAs (or UAA updates), TMDLs, WRAPS studies, and/or stream assessments, as needed.	H	Lead/Partner							\$500,000			\$500,000	\$1,000,000
16	Implement recommendations from other regional flood studies, as needed (e.g., Metro Boulevard /Edina Industrial Park regional flood mitigation).	M	Lead/Partner			\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,000,000
17	<u>Implement BMPs identified through Accelerated Implementation Grant on prioritized privately owned, nonprofit sites.</u>	H	Lead		\$125,000	\$125,000								\$250,000
			<b>Totals:</b>	\$2,000,000	<del>\$1,500,000</del> \$1,625,000	<del>\$1,450,000</del> \$1,575,000	\$1,250,000	\$1,750,000	\$1,500,000	\$1,025,000	\$1,350,000	\$1,425,000	\$750,000	<del>\$14,000,000</del> \$14,250,000

<sup>1</sup> Estimated project cost does not included anticipated costs during 2017.