

MEMORANDUM

To: MCWD Board of Managers
From: Becky Christopher
Date: August 11, 2016
Re: 2017 Work Plans – Planning and Permitting

Purpose:

This memorandum provides a summary of all work plans under the Planning and Permitting Division including a brief description of program activities, a list of notable changes (>\$10,000) from the previous year's budget, and a summary of the overall budget and levy impact as compared to the previous year. Work plans summarized in this memo include the following:

- Programs:
 - Permit Administration (2001)
 - Planning and Projects (2002)
 - Project Maintenance and Land Management (2003)
 - Land Conservation (2004)
 - Habitat Restoration Initiative (2006)
- Projects:
 - Six Mile Marsh Prairie Restoration (3106)
 - Taft/Legion Improvements (3140)
 - Long Lake Creek Corridor Projects (3142)
 - 325 Blake Rd Stormwater Management (3145)
 - Arden/54th St. Stream Restoration (3147)
 - FEMA Flood Repairs (3148)
 - Highway 101 Causeway (3149)
 - Meadowbrook Golf Course (3150)
 - Minnehaha Preserve Enhancement (3151)
 - SW LRT Trail Connection (TBD)

Summary:

Permitting

The Permitting Department continues to efficiently and effectively administer District rules through permit application review and field compliance. In 2017, department efforts will be focused on increasing permit administration efficiency, improving field compliance, and achieving better outcomes through partnership than through regulation alone. Within these areas of focus, multiple initiatives will be

pursued, enabling the department to provide exceptional customer service while increasing natural resource protection opportunities through strategic partnership with the development community. There is no significant change in budget proposed for 2017.

Planning

The 2017 work plan for the Planning & Projects program is generally consistent with the previous year's work plan. The primary activities for 2017 include project development in the District's two focal geographies: Minnehaha Creek Greenway and Six Mile Creek, responsive track planning, and finalizing development of the next generation Comprehensive Plan.

One new addition to the budget is \$100,000 for land conservation planning. Planning for land conservation and restoration – whether related to acquisition for a potential District capital project or protection of natural resources in a strategic focal area – requires soft costs for elements such as engineering, appraisals and legal fees. Historically, these initiatives have been funded through the Land Conservation program. Being that the primary purpose of the Land Conservation fund is to service debt associated with acquisitions, the District has determined that costs associated with planning and investigation efforts for the Land Conservation and Restoration Program should be funded via a separate account, thus avoiding the use of debt service capital on planning and due diligence.

Another change to the 2017 Planning budget is the addition of Six Mile Creek planning and project development dollars that were previously budgeted in a separate fund (3139). Factoring in this relocation of funds, the net change to the Planning budget is a decrease of \$122,230 as compared to the 2016 budget.

Project Maintenance and Land Management

The 2017 work plan for the Project Maintenance and Land Management program is generally consistent with the previous year's work plan. In an effort to streamline vegetation management and infrastructure maintenance activities, it is proposed in 2017 that the Land Restoration Fund (2005) be combined with the Project Maintenance and Land Maintenance Fund. The purposes of the two funds are aligned, and managing this type of work through the Project and Land Maintenance Fund provides efficiencies in contract management.

In addition to routine maintenance, a new approach to maintenance of long-term infrastructure will be the utilization of the District's Infrastructure Maintenance Plan, which identifies annual repairs and their associated costs needed to repair and replace District infrastructure as it ages. Implementation of the District's Infrastructure Maintenance Plan will proactively address issues with aging infrastructure and limit liability associated with infrastructure failure. The program has budgeted \$100,000 for this purpose.

Given the increase of \$100,000 for Infrastructure Maintenance and efficiencies created by combining this fund with the Land Restoration fund, the net increase for 2017 is \$47,881 as compared to 2016.

Land Conservation

Acquisitions made through the Land Conservation Program are supported by financing from Hennepin County in accordance with the 2006 Master Loan Agreement between both agencies. The total 2017 debt service (201B + 2011A + 2013B + Wells Fargo 2013) for Land Conservation will be \$3,964,169. The District services its annual debt from the Land Conservation fund (2004) which receives revenue from the annual tax levy. Debt service detail is provided within the work plan.

As the Six Mile Creek-Halsted Bay subwatershed planning partnership continues, the Board has expressed an interest in creating a debt service program with Carver County to fund project opportunities within this focal geography. Throughout 2016 the District has been exploring the creation of said program with Carver County commissioners and their financial services department. Staff is recommending a 2017 levy increase of \$100,000 to initiate a debt service program for anticipated expenditures in the Six Mile Creek-Halsted Bay subwatershed.

Capital Projects

The 2017 work plans for capital projects include ongoing design, construction, and maintenance activities for several previously ordered projects as well as one new fund for initiating design work for the SW LRT Trail Connection.

Notable Changes (>\$10,000) for 2016:

**Note. All changes listed below are specific line items within program or project areas that are proposed to change in 2016 by more than \$10,000. Line item changes within program areas greater than \$10,000 do not necessarily mean a change to the bottom line budget for that program. These changes may reflect a shift in emphasis or priority within a specific program without change to the program's total budget.*

Other line item specific changes below \$10,000 are not listed. The total proposed budget change in each program area (including those less than \$10,000) are depicted in the headings below and again in the summary spreadsheet on the final page of this memorandum.

Permitting (- \$195)

- Department Technology: - \$10,000
 - Development of a District-wide database has been post-poned.

Planning & Projects (- \$122,230)

- Minnehaha Creek Greenway Planning - \$20,000
 - Decreased budget for consultant services.
- Six Mile Creek Planning - \$78,387
 - Decreased budget for final year of carp study.
- Responsive Track Planning + \$50,000
 - Increased budget based on opportunities identified during 2016.
- Land Conservation Planning + \$100,000
 - New budget item previously funded through Land Conservation fund.
- Comprehensive Plan Development - \$50,000
 - Decreased budget for consultant assistance with Plan drafting.
- Engineering and Legal - \$125,000
 - Consolidated engineering and legal expenses across focal geographies.
- Data Management and File Scanning - \$10,000
 - File scanning and database development has been post-poned.
- Personnel + \$11,157
 - Represents an estimated 3% increase in personnel costs.

Project Maintenance & Land Management (PM&LM) (+ \$47,881)

- Vegetation Maintenance - \$38,635
 - Efficiencies have been created through consolidation of vegetation maintenance contracts.
- Great River Greening Grant Match + \$72,500
 - District is receiving grants for vegetation maintenance that require a match from partners.
- Infrastructure Maintenance + \$100,000
 - New budget item to begin implementing District's Infrastructure Maintenance Plan.
- Stormwater Facility Maintenance and Stormwater Pond Surveys + \$33,829
 - Staff anticipates three ponds requiring maintenance in 2017.
- Gray's Bay Dam Inspection and Maintenance - \$10,000
 - Completed in 2016 and will not be needed again in 2017.
- Engineering, Legal, and Technical Services - \$40,000
 - Consolidated funding for engineering and legal services across PM&LM and Land Restoration funds.
- Painter Creek Culvert Replacement - \$63,000
 - Completed in 2016.

Land Conservation (+ \$1,045,800)

- Debt Service + \$945,800
 - Increased according to the District's debt service schedule.
- Six Mile Debt Service + \$100,000
 - New budget item per Board direction to begin a debt program with Carver County.

Capital Projects (+ \$338,935)

- Completed Projects (no longer requiring levy):
 - Minnehaha Falls/Gorge - \$50,000
 - Minnehaha Creek Reach 20 - \$25,000
 - Steiger Lake Wetland Restoration - \$10,000
 - Minnehaha Creek Reach 14 Stabilization - \$20,000
- Ongoing Projects:
 - Six Mile Marsh Prairie Restoration - \$14,163
 - Blake Road Stormwater Management + \$1,289,706
 - Cottageville Park (postponed) - \$638,374
 - Arden/54th St. Stream Restoration + \$43,000
 - Highway 101 Causeway + \$86,410
 - Meadowbrook Golf Course - \$150,000
 - Minnehaha Preserve Enhancement - \$122,000
- New Projects:
 - SW LRT Trail Connection + \$25,000

Financial Implications:

The table below is an executive summary of the proposed 2017 budget and levy:

Program	2016 Budget	2016 Levy	2017 Budget	2017 Levy
Permit Administration	\$631,846	\$602,910	\$631,651	\$443,657
Planning & Projects	\$863,897	\$671,013	\$1,114,973	\$1,080,353
Project Maint. & Land Mgmt	\$546,429	\$355,136	\$683,310	\$439,302
Land Conservation	\$3,018,369	\$2,795,204	\$4,064,169	\$3,159,412
Land Restoration	\$89,000	\$-	\$-	\$-
Habitat Restoration Initiative	\$15,863	\$16,778	\$15,113	\$13,356
Capital Projects Total	\$3,212,147	\$487,853	\$3,177,776	\$1,212,998
Total	\$8,377,551	\$4,928,894	\$9,686,992	\$6,349,078

The total combined budget for these programs and projects for 2017 is \$1,309,441 higher than the 2016 budget, largely due to the increase in debt service payments. On the revenue side, there is a proposed levy increase of \$1,420,184 for the Planning and Permitting Division.

See enclosed work plans for more detail. If there are questions in advance of the meeting, please contact Becky Christopher at 952-641-4512 or bchristopher@minnehahacreek.org.

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Katherine Sylvia

DATE: August 11, 2016

<u>Program</u>	Permitting Program (2001)
<u>Summary</u>	The Permitting Program protects and enhances natural resources within the Minnehaha Creek watershed through the administration of District rules, monitoring field compliance, and the development of policy, programmatic, and project solutions through strategic partnership across sectors.
<u>Location</u>	District-wide
<u>Description</u>	<p>Background: The Minnehaha Creek Watershed District’s permitting program protects and enhances natural resources through the administration of rules, monitoring construction for compliance, and through partnership to achieve greater natural resource outcomes than can be achieved solely through regulation.</p> <p>In addition to its own regulations, the District’s Permitting Program is also responsible for the implementation of the state Wetland Conservation Act (WCA) in 18 of its 29 communities, in close coordination with the Department of Natural Resources, the United States Army Corps of Engineers (USACE), the Board of Water and Soil Resources (BWSR) and Hennepin/Carver Counties.</p> <p>The number of received permit applications has increased annually since 2012. The beginning of this trend coincides with the District’s rule revisions which concluded in June of 2011. The annual increase in permits is anticipated to continue as we move into the second half of 2016 with 419 permits received as of August 1, 2016 compared to 408 permits received at this time last year. As such, the Permitting Program remains the organization’s front line in monitoring land-use change within the District’s jurisdiction.</p> <p>The 2016 Work Plan proposed to capitalize on this position and identified Policy and Partnership Development as a primary activity of the Permitting Program. The budget was increased to correct historically underfunded costs associated with permit administration as well as provide designated funds to allow for the proactive planning and flexibility needed to generate partnership projects. Through this approach, the Permitting Program was able to devote resources towards early coordination of the Park Nicollet Floodwall and Wetland Enhancement projects.</p> <p>In 2017, the Permitting Program will continue to exercise its main functions of Rule Administration, Field Monitoring and Compliance, and Policy and Partnership Development as identified in the 2016 Work Plan.</p>

As a result of Strategic Planning, Staff identified multiple areas of focus and change that would further enhance the way that the Permitting Program can serve the District's Mission. In 2017, the Permitting Program will begin exploring and planning how these changes can be implemented through the Strategic Planning Process. These recommendations are provided in the following priority:

- Prioritize and simplify requirements for permit administration.
- Increase focus on field monitoring and compliance
- Increase internal and external coordination in shared efforts to maximize effectiveness.
- Devote more staff time and resources towards proactive partnership development as efficiencies are created in the baseline activities of the Program.

Rules Administration (\$225,000):

The Permitting Program processes over 600 permits per year. Baseline administration of District Rules is core to the function of the program and consists of the following:

- Technical and legal analysis of permits for public and private projects District-wide. Engineering and legal cost associated with public projects are non-reimbursable and consist of approximately \$170,000 annually.
- Track and monitor land-use change through building formal relationships with Cities
- Administration of Wetland Conservation Act (WCA) for 18 communities within the MCWD, including agency coordination with the Corps. Of Engineers, Board of Water and Soil Resources, Counties, and local communities
- Management of financial assurances, declarations, and invoices
- Refinement and reconfiguration of permitting processes to improve administrative efficiency and streamline the permit application process.

The essential functions listed above represent the core responsibilities of the department. In 2017, as part of the strategic planning process, staff will be focusing on forming policy and practices that simplify the permit administration process for staff and applicants. These policy and practices will be implemented with the goal in mind that the intent of the rule is met and the level of protection provided appropriately addresses the risk of natural resource impact. The intent is that these simplified policies and practices will allow staff to devote time and resources to proactive natural resource protection through compliance and partnerships as well as provide improved customer service.

Field Monitoring and Compliance (\$45,000):

The Permitting Department actively performs over 750 site inspections per year, assessing site compliance with District rules. The following outline the core responsibilities of field monitoring and compliance:

- Inspection and enforcement of active sites requiring a District permit;

- Identification of opportunities to partner with developers and municipalities to achieve a greater degree of compliance;
- Increase awareness of District requirements through outreach programs targeting City staff, developers, and builders;
- Staff training;

Field monitoring and compliance are an essential component of the Permitting Department's efforts to protect natural resources. Traditionally, the responsibility of the department was to perform as many site inspections as possible and pursue compliance efforts against sites posing impacts to natural resources. Through the Strategic Planning Process, Staff identified that the majority of time and resources are currently directed to permit administration and front-end compliance with District Rules.

In 2017, the Permitting Program will explore with the Board of Managers reprioritizing Field Monitoring and Compliance in order to devote more staff time and resources towards inspection and responsive follow-up. The Program will be targeting comprehensive natural resource protection through increased coordination with developers, municipalities, and other agencies with overlapping inspection territories and interests. The Program will also look towards increased coordination with internal programs that also have a field presence in the District such as Water Quality and Monitoring, Cost Share, and Projects, Maintenance, and Land Management.

Policy and Partnership Development (\$25,000):

In 2017, the Department will continue to identify and analyze opportunities for partnership as a result of land use change with new and redeveloping sites within the District. In efforts to support the responsive track of the District's Two Track Approach and bridge the land-use governance gap, the department has invested in achieving greater natural resource outcomes through collaboration and partnership. Development of partnerships and policies aimed at strengthening links between water management and land-use development will position the department and the District as a cooperative and competent partner, delivering outstanding natural resource improvements and protection while maintaining prosperous relationships with various entities, agencies, and groups.

Funds allocated to this component of the department are be utilized to:

- Develop partnerships;
- Pursue opportunities presented through the Permitting process;
- Critically examine policy;
- Identify areas sensitive to natural resource impact;
- Implement natural resource benefits.

	<p>The department will, therefore, be focusing on the creation of public and private partnerships and strengthening relationships with local land-use authorities through yearly meetings, formal agreements and on-going coordination. This will be done in an effort to track and monitor land-use change and identify opportunities for program efficiency through information sharing.</p> <table border="1"> <thead> <tr> <th>Activity/Expense</th> <th>Budget</th> </tr> </thead> <tbody> <tr> <td>Rule Administration</td> <td>\$225,000</td> </tr> <tr> <td>Field Monitoring and Compliance</td> <td>\$45,000</td> </tr> <tr> <td>Policy and Partnership Development</td> <td>\$25,000</td> </tr> <tr> <td>Personnel Cost</td> <td>\$336,651</td> </tr> <tr> <td>Total</td> <td>\$631,651</td> </tr> </tbody> </table>	Activity/Expense	Budget	Rule Administration	\$225,000	Field Monitoring and Compliance	\$45,000	Policy and Partnership Development	\$25,000	Personnel Cost	\$336,651	Total	\$631,651
Activity/Expense	Budget												
Rule Administration	\$225,000												
Field Monitoring and Compliance	\$45,000												
Policy and Partnership Development	\$25,000												
Personnel Cost	\$336,651												
Total	\$631,651												
<u>Goals/Outcomes</u>	<p>The over-arching goal of the Permitting Department is the promotion of effective planning to minimize the impact of development and land use change on water resources, while simultaneously achieving MCWD goals. Pursuit of these goals has led the department to identify key focal initiatives that provide the means to achieve a greater degree of natural resource protection and benefit than strict adherence to District rules alone. The focal initiatives include the efficient administration of permits; improved field compliance; and achievement of greater natural resource benefits through partnership. Working within these focal initiatives, the Permitting Program will be working towards increased prioritization and coordination in order to align with the Organization's Strategic Planning Process.</p>												
<u>Schedule</u>	Ongoing												

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$230,000	\$180,385	\$93,610	(\$389,137)	\$115,142	\$0	
2015	\$265,000	\$361,992	\$41,673	(\$433,191)	\$0	(\$29,526)	
2016	\$631,846	\$602,910	\$58,462	(\$621,846)	\$0	\$129,532	
2017	\$631,651	\$443,657		(\$651,651)			

Recommended 2017 Budget and Levy

Budget: \$631,651
 Levy: \$443,657

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	\$336,651
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	\$2,500
4065	Staff Training	\$5,000
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	\$5,000
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous (Field Monitoring & Compliance)	\$30,000
4320	Contract Services	\$35,000
4330	Accounting & Auditing	
4340	Engineering/Consulting	\$165,000
4350	Legal Expense	\$50,000
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	\$2,500
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$631,651

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Becky Christopher, Michael Hayman, Anna Brown **DATE:** August 11, 2016

<u>Program</u>	Planning and Projects (2002)
<u>Summary</u>	Ongoing project, program and policy development
<u>Location</u>	District-wide program
<u>Description</u>	<p>Background:</p> <p>In recent years, the District has shifted its approach for planning and project development from one that is highly prescriptive to one that allows for improved integration with community land use planning. In early 2014, the Board adopted the policy framework <i>In Pursuit of a Balanced Urban Ecology</i> with the goal of integrating water resource and land-use planning to produce broader community benefit. This policy identifies focus, partnership, and flexibility as key guiding principles for the District’s new approach.</p> <p>These principles have guided the development of the “two-track approach” that is proposed for the next generation Comprehensive Plan and is intended to allocate District resources to their highest and best use in addressing water resource issues throughout the watershed:</p> <ul style="list-style-type: none"> • Focus Track: This track prioritizes projects, staff and financial resources to high need areas within the District in order to make significant, lasting improvements to the most sensitive water challenges in the watershed. • Responsive Track: The District continues to remain responsive to needs and opportunities District-wide through project partnerships, grant funding, education programming, permitting assistance, aquatic invasive species prevention, and other District resources. <p>This focused approach allows for a greater understanding of issues and opportunities throughout a system as well as an improved ability to develop relationships and support, identify the most cost-effective projects, and make greater progress toward the goals set out in the 2007 Comprehensive Plan.</p> <p>Carrying on with this philosophy of continuous improvement, and building on the theme of needing more organizational clarity, in late 2015 the Board of Managers adopted a strategic planning framework to evaluate and align programs and to focus District resources towards a common mission and goals. This process included development of a new vision and mission for the organization as well as refined goals and guiding principles. This information was then used to create an extensive strategic evaluation process to analyze the organization from a multi-leveled aspect.</p> <p>Throughout 2016 planning staff further developed these strategic evaluation tools to effectively gather and synthesize information, and lead an extensive process</p>

focused on aligning all organizational initiatives – programmatic through operational – under the direction identified through the District’s new vision, mission, goals and principles. This effort will continue through 2016 and beyond, ensuring the organization is consistently evaluating its efforts against identified priorities.

Looking ahead, the District’s current priority areas under the Focus Track are the Minnehaha Creek Greenway and the Six Mile Creek Subwatershed. These areas have been prioritized by the Board based on factors including water resource needs and impairments, scale and complexity of the subwatersheds, opportunities created by development and redevelopment, and local partnerships and support.

In 2017, the Planning Department will continue to focus its efforts primarily in these focal geographies while remaining responsive to opportunities that arise District-wide. Activities planned in these focal geographies are identified below.

Minnehaha Creek Greenway Planning (\$100,000):

In 2016, staff continued efforts to investigate opportunities throughout the urban corridor, maintaining strong relationships with our partner Cities of Edina, Hopkins and St. Louis Park, as well as continuing to build momentum with private partners such as Park Nicollet (Methodist Hospital) and Japs Olson. Following record flooding in 2014, Park Nicollet and the District renewed their partnership by entering into a Memorandum of Understanding (MOU) to collaboratively investigate a range of flood solutions for the Methodist Campus. This collaboration has resulted in plans for a wetland restoration to address flood issues and development of a site master plan to further improve visitor experience at Methodist Hospital. The continued partnership with Japs Olson integrated a regional stormwater solution with plans for wetland and upland restoration and Minnehaha Creek Greenway trail connections, expectantly installed in 2017. The District has also been working collaboratively with the City of Hopkins and Hennepin County to conduct a master development strategy that frames and layers the keystone 325 Blake Road site with other critical projects and sites throughout the Blake Road and Southwest Light Rail Corridors.

The District continued collaborations with the Minneapolis Park and Recreation Board and the City of Minneapolis to investigate conceptual design options for Hiawatha Golf Course, and advance restoration opportunities on Meadowbrook Golf Course. Grant processes continued throughout 2016 to secure outside funding sources for stormwater infrastructure projects and Minnehaha Creek Greenway enhancements throughout the urban corridor (Hennepin County Opportunity grant, MPCA-PFA). 2016 also saw the continuation of road infrastructure-greenway connectivity planning, in which District staff continued collaboration with the City of St. Louis Park to analyze pedestrian access under bridge crossings throughout the Greenway, including West 37th St and Louisiana Avenue.

District initiatives within the Minnehaha Creek Greenway Corridor will continue in 2017 with the extension of various projects as well as the investigation of new opportunities that have been identified. Ongoing planning efforts include:

- **Redevelopment of 325 Blake Road:** The portion of the 16.9 acre site not slated for creek corridor restoration and stormwater facilities is planned for redevelopment. The District has been working with Hennepin County and the City of Hopkins to advance transit-oriented development at the Blake Road Station, thus working to generate feasible development scenarios and an implementation road map for sites throughout the station area, including 325 Blake Road. This work will inform the District's Request for Qualifications (RFQ) for a master developer on the site, and create the foundation for the District and City of Hopkins to work through various outstanding questions related to site zoning, infrastructure, and other community elements. It is anticipated that, beginning in 2017, the District will be working with a master developer to plan the future disposition of the 325 Blake Road site in an integrated and comprehensive manner. Lastly, in preparation for site vacancy in 2017, it is anticipated that a significant effort will occur throughout the year to finalize demolition planning and site environmental remediation.
- **Blake Road Corridor:** Upon completion of the Blake Road Corridor study, the District remains committed to assisting the City of Hopkins and Hennepin County in design development for a new Blake Road. The redevelopment of Blake Road will greatly influence multiple District initiatives throughout the Minnehaha Creek Greenway including Cottageville Park, SW LRT planning, and 325 Blake Road redevelopment.
- **Greenway Expansion – West Blake Road:** A catalyst for much of the work that has occurred throughout the Minnehaha Greenway is the lack of community connections and safe passageways in the heavily urbanized corridor. The District will continue investigating opportunities to build upon our successful greenway transformation, particularly in the area west of Blake Road, where Minnehaha Creek remains hidden and pedestrian connections north and west across Highway 7 remain difficult.
- **Louisiana Avenue Study Area:** Building on past investigations throughout the Louisiana drainage area, the District continues collaboration with the City of St. Louis Park in planning for future stormwater treatment of the potential redevelopment area near Louisiana Avenue and the future Louisiana Station. The City is also planning the replacement of the Louisiana Avenue Bridge over Minnehaha Creek. The District and City are coordinating safe passage for the Minnehaha Preserve and Methodist trail users under the newly designed bridge, which is slated for replacement in 2017.
- **South West Light Rail Transit (SW LRT):** The District continues working closely with the South West Project Office (SPO) and Hennepin County in coordinated planning efforts of all station areas within the MCWD to identify collaborative opportunities to manage stormwater runoff in a comprehensive manner. Staff continues to work closely on the potential reconstruction of the LRT crossing over Minnehaha Creek to ensure issues such as hydraulic capacity, wildlife passage and trail connections through this area are addressed. The District is also well represented in planning of Transportation Station Area Action Plans (TSAAP) and SW Community Works steering processes.

- Minneapolis Park and Recreation Board (MPRB) Golf Course Partnership: Catalyzed by past analyses of golf operations and the 2014 flood damages, the District partnered with MPRB to conduct conceptual master planning for Meadowbrook Golf Course and Hiawatha Golf Course to explore a potential range of golf and non-golf uses, their respective revenue generation models and flood resilience. District and MPRB staff will continue working closely to evaluate flood resilience, golf operations, ecological improvement and connectivity through design development and course reconstruction.
- Unplanned Study Areas: As opportunities to integrate with public infrastructure or private development reveal themselves, staff will present opportunities to the Board of Managers.

Six Mile Creek-Halsted Bay Planning (\$294,919):

In 2016, staff initiated the formal Six Mile-Halsted Bay planning process. Staff convened two committees – a Policy Advisory Committee (PAC) and a Technical Advisory Committee (TAC) – with representation from Victoria, St. Bonifacius, Minnetrista, Laketown Township, Carver County, Hennepin County, Carver County Soil and Water Conservation District, and Three Rivers Park District. The committees will serve to guide the planning process and, in partnership with the District, develop a shared set of goals and priorities, prioritize capital project opportunities, and develop an investment and implementation framework. To facilitate this cross-agency process, staff issued an RFQ and executed a contract for planning and landscape architecture assistance. This consultant team will support the process by developing high quality graphics and accompanying narratives that represent the ideas generated in committee.

The District continues to be responsive to opportunities that emerge as the formal planning process is underway. Staff have executed an agreement with Lennar Corporation to complete a 23 acre wetland restoration in the City of Victoria, and are in the final stages of purchasing an easement to complete the project. The Pierson-Marsh-Wassermann corridor, in the City of Victoria and its future annexation land, has emerged as a priority within this focal geography due to the rapid land use change underway and its potential impact on water and natural resources. Staff are evaluating potential project opportunities and strategic acquisitions and developing a framework for weighing opportunities based on numerous factors including water resource benefit, non-water natural resources benefit, and urgency and/or timing. These opportunities will ultimately be incorporated into the Six Mile-Halsted Bay Subwatershed Plan, but may necessitate action prior to the completion of the planning process.

District initiatives in Six Mile will continue in 2017 and include the following planning activities:

- Formal Planning Process: Work will continue in 2017 with the Technical and Policy Advisory Committees. The District and committees will be collaboratively developing the implementation plan for this focal geography which will guide capital investment in the area for the District and its partners. The formal plan development process will be complete in the first quarter of 2017. Planning staff will be seeking assistance from the

education and communications department to facilitate the plan release through media and community contacts. Following the completion of the plan document, staff will continue to work with committee representatives to ensure that the work is memorialized by other agencies through their own comprehensive planning process, policy and ordinance development, and collaboration on specific capital project opportunities.

- **Responsive Project Development:** District staff will continue the work of being responsive to land use change happening in real time while the formal plan development process is underway. Staff will build from the priority framework developed in 2016 and continue to pursue project and land acquisitions that have been identified by the Board of Managers to meet the priority thresholds. The responsive project development work also requires ongoing political support from our community partners and all opportunities will be vetted through partner agencies respective policy makers. The Pierson-Marsh-Wassermann corridor will continue to be the main focus of responsive planning in the Six Mile-Halsted Bay Subwatershed, but staff will continue to track and evaluate opportunities that may emerge in other areas of the geography.
- **Investment Planning:** District staff are working with the MCWD Investment Task Force to develop a strategic investment plan to augment the resources of the District and its partners to implement the Six Mile program. Staff are working to develop short-term financing with Carver County and are targeting 2016 to complete that work. The committee will work into 2017 to identify sources of ongoing supplemental funding to implement landscape-scale implementation activities. These sources may include US Army Corps Section 206: Habitat Restoration program, Lessard-Sams Outdoor Heritage Council, and state or federal appropriations. As these sources are identified, project opportunities and land acquisitions can be grouped to be marketed directly towards those funding opportunities.
- **Carp Management Planning:** The Board-authorized three-year carp assessment will conclude in 2017. The assessment is being completed in partnership with the University of Minnesota to determine the abundance, season movement, and recruitment of carp within the subwatershed and develop control strategies for restoration within the Six Mile-Halsted Bay system. The final year of the assessment will include the following tasks:
 - Submittal of the final project report (March 2017)
 - Winter seining pilot report and addendum to final report (April 2017)
 - Carp recruitment report (July 2017)

The final report will include management recommendations which will be incorporated into the Six Mile-Halsted Bay Subwatershed Plan. Planning and AIS staff are working collaboratively to use the management recommendations to develop an implementation plan for carp control in the subwatershed. The plan will be complete in 2017 and implementation will begin in 2018. The carp control plan will be implemented by AIS staff with oversight from Planning and Projects.

Responsive Track Planning (\$150,000):

Under the Responsive Track, cities, landowners, and other partners are encouraged to approach the District with project opportunities that may be incorporated into the District's capital improvement or cost share programs based on timing, alignment with District goals, and available funding. These responsive programmatic activities will continue to be implemented across MCWD departments. Recent examples of responsive track planning efforts through technical assistance include the Stongate Farm and Rechelbacher properties in Medina, and the Johnson and Katrina Marsh properties in Independence. Based on the response of our partners and communities in 2016, staff is budgeting \$150,000 for the evaluation and development of such opportunities in 2017.

Land Conservation Planning (\$100,000):

Planning for land conservation and restoration – whether related to acquisition for a potential District capital project or protection of natural resources in a strategic focal area – requires soft costs for elements such as engineering, appraisals and legal fees. Historically, these initiatives are conducted during the site investigation and due diligence process, and have been funded through the Land Conservation program. Being that the primary purpose of the Land Conservation fund is to service debt associated with acquisitions, the District has determined that costs associated with planning and investigation efforts for the Land Conservation and Restoration Program should be funded via a separate account, thus avoiding the use of debt service capital on planning and due diligence. Based on past costs associated with such tasks, staff is budgeting \$100,000 in the Planning Department fund to conduct Land Conservation planning efforts.

Comprehensive Plan Development (\$50,000):

The process to update the District's Comprehensive Plan was initiated in 2014 with the development of a scope and framework for the Plan update. Throughout 2015 and early 2016, staff efforts have focused on public outreach and engagement, internal policy discussions with the Planning and Policy Committee, working with the advisory committees to develop the implementation framework, and conducting an internal self-assessment and strategic planning process to improve program focus and alignment.

In the second half of 2016, staff will be focused primarily on Plan drafting, conducting subwatershed meetings to discuss local priorities and opportunities with each community, and continuing the strategic planning process with staff and the Board. A draft Plan will be completed in early 2017 and distributed for formal review and comment. Staff anticipated final Plan adoption in mid-2017.

Staff is budgeting \$50,000 in 2017 for consultant support and salary for the temporary Assistant Planner position approved by the Board in January 2015.

Programmatic Needs (\$87,000):

In addition to the work described above, the Planning Department is also budgeting for ongoing programmatic expenses including general engineering and legal services, staff training and expenses, printing and publishing, GIS mapping, and data organization and file scanning.

Personnel Costs (\$333,054):

Salary, payroll tax, PERA, and 3% estimated salary increase for Planning staff.

2017 Budget Summary:

In summary, the Planning Department is requesting a total of \$1,114,973 in 2017 to complete the activities described above. Staff is anticipating a budget carry-over of approximately \$34,620, slightly reducing the requested levy for the Planning Department to \$1,080,353.

Note that the Planning and Projects department is proposing a budget reduction of \$122,230 in 2017 as compared to 2016. This reduction is not evident in the Budget History table below as the District recently deployed more streamlined accounting practices and rolled elements such as Six Mile Creek-Halsted Bay planning and Land Conservation planning – previously separate funds – into the Planning and Projects budget.

Activity/Expense	Budget
Minnehaha Creek Greenway Planning	\$100,000
Six Mile Creek Subwatershed Planning	280,000
Responsive Track Planning	\$150,000
Land Conservation Planning	\$100,000
2017 Comprehensive Plan Development	\$50,000
General Engineering & Legal	\$50,000
Data Management and File Scanning	\$25,000
Training	\$3,000
Expenses/Mileage	\$2,500
Printing/Publishing/Postage	\$2,000
GIS/Computer Services	\$1,500
Other/Miscellaneous	\$3,000
Personnel Costs	\$333,054
Total	\$1,114,973

**Goals/
Outcomes**

Lead planning and project initiatives to promote and improve ecological integrity throughout the Minnehaha Creek watershed; preserve and improve surface water and groundwater resources throughout the District; address negative effects of stormwater runoff and bounce from existing and proposed development and identify opportunities to augment low flow conditions in surface waters; and continue developing a deeper understanding of community needs and desires in order to design watershed projects that enhance social and economic viability as well as environmental benefit.

Schedule

Project development in MC and SMC-HB subwatersheds: Ongoing
Responsive track planning and project development: Ongoing
Development of 2017 Comprehensive Plan: 2014-2017 (due June 2017)

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$530,850	\$213,193	\$0	\$(415,136)	\$0	\$227,726	\$0
2015	\$591,000	\$121,702	\$0	\$(463,887)	\$307,343	\$266,691	\$0
2016	\$863,897*	\$671,013	\$0	\$(915,394)	\$12,310	\$10,000	\$0
2017	\$1,114,973**	\$1,080,353	\$0				

*2016 budget increase due to the relocation of personnel expenses from General Fund to program funds.

**2017 budget increase due to relocation of Six Mile planning dollars from Fund 3139 to Planning fund.

Recommended 2017 Budget and Levy

Budget: \$1,114,973

Levy: \$1,080,353

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	\$333,054
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	\$2,500
4065	Staff Training	\$3,000
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	\$2,000
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	\$3,000
4320	Contract Services	\$721,419
4330	Accounting & Auditing	
4340	Engineering/Consulting	\$25,000
4350	Legal Expense	\$25,000
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$1,114,973

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Laura Domyancich

DATE: August 11, 2016

<u>Program</u>	Project Maintenance and Land Management (2003)
<u>Summary</u>	The Project Maintenance and Land Management Program oversees the entirety of the District's project maintenance, land management and vegetation restoration activities.
<u>Location</u>	District-wide
<u>Description</u>	<p>Background: The purpose of the Project Maintenance and Land Management (PMLM) Program is to reinvest in past capital projects and land held in fee title and conservation easement providing for the long-term function of the District's investment. Specific maintenance and management is responsive to the intended outcomes of the project, vegetation condition, adjacent properties, and innovative approaches to infrastructure protection and land management. In addition to routine maintenance, a new approach to maintenance of long-term infrastructure will be the utilization of the District's Infrastructure Maintenance Plan, which identifies annual repairs and their associated costs needed to repair and replace District infrastructure as it ages. Implementation of the District's Infrastructure Maintenance Plan will proactively address issues with aging infrastructure and limit liability associated with infrastructure failure.</p> <p>In addition to regular inspection and maintenance of projects and lands, tools such as conservation easements, technical assistance, and unique partnerships allow for responsive approaches when opportunities arise. PMLM staff have utilized their unique skillset in natural areas restoration and project and contract management to guide private landowners through various improvement projects. This technical assistance has resulted in the conveyance of several conservation easements and formed new partnerships, which provide greater and more cost-effective project opportunities.</p> <p>In an effort to streamline vegetation management and infrastructure maintenance activities, it is proposed in 2017 that the Land Restoration Fund (2005) be combined with the Project Maintenance and Land Maintenance Fund. The purposes of the two funds are aligned, and managing this type of work through the Project and Land Maintenance Fund provides efficiencies in contract management.</p> <p>Vegetation Maintenance (\$72,365): Vegetation maintenance of 18 past capital projects and District lands including invasive species treatment, vegetative enhancement through seeding and planting, repair of damage, and prescribed burning. Two large capital projects, Steiger Wetland Restoration and Reach 20/Minnehaha Greenway, will be coming off their three-year warranty maintenance and will be managed under this framework of vegetation management contracts. Sites include stormwater pond buffers at the Gideon Glen, Long Lake, Excelsior, Twin Lakes, Cedar Meadows, SW Calhoun, and Nokomis (Knoll, Amelia, and Gateway) stormwater ponds. Vegetation</p>

management to also occur for ongoing restoration work at Independence Wetland, the Johnson / Rolling Hills site, the former Broin and Diercks properties, Our Lady of the Lake rain garden, Minnehaha Creek Headwaters, and the MCWD office wetland buffer. It is anticipated that the County Road 26 site and the Six Mile Marsh Prairie Restoration will receive vegetation management through grant funding received in coordination with Great River Greening. MCWD would provide a match of \$25,000 for the Six Mile Marsh Prairie Restoration, as noted below.

Contract (Sites)	Acres Managed	Budget
Large Sites (CR 26 Wetland, Independence Wetland, Johnson/Rolling Hills Restoration)	73.5	\$17,865
Pond Buffers (Nokomis, SW Calhoun, Cedar Meadows, Twin Lakes)	15.2	\$16,900
Small Sites (Broin, MCWD Office Buffer, Headwaters Shoreline, Long Lake Ponds and Shoreline, Diercks, Our Lady of the Lake Rain Garden, Gideon Glen)	30.3	\$19,600
Six Mile Marsh Prairie Restoration	130	Grant Funded*
Steiger Wetland and Minnehaha Greenway	47	\$18,000
TOTAL	296	\$72,365

*Anticipated that vegetation management will be funded through LCCMR grant.

Matched Grant Funding (\$72,500):

The District will receive LCCMR and Outdoor Heritage Fund grants in partnership with Great River Greening to perform vegetation management on the Minnehaha Creek Greenway, Six Mile Marsh Prairie Restoration, and the Chute, Waldera-Barkus, Gould, and Rye properties. These grants require matched funding from the partnering agency as summarized in the table below. The \$72,500 in MCWD funding will leverage \$291,100 in state grants.

Site	LCCMR	LSOHF-OHF	MCWD Match	St. Louis Park Match
Minnehaha Creek Greenway	--	\$71,100	\$17,500	\$17,500
Six Mile Marsh Prairie Restoration	\$105,000	--	\$25,000*	--
Chute	\$22,000	--	--	--
Waldera-Barkus	\$40,000	--	--	--
Gould	\$ 6,000	--	--	--
Rye	\$47,000	--	\$30,000	--
Total	\$291,100		\$72,500	\$17,500

*If LCCMR grant funding is not approved, match dollars will be reallocated to fund 2017 vegetation management through an approved contractor.

Stormwater Facility Maintenance (\$195,229):

Stormwater pond facilities require removal of accumulated sediment to function as designed. 2016 stormwater pond sediment surveys conducted in May determined

that none of the seven ponds surveyed in rotation will require maintenance dredging in the winter of 2016-17. Unused funding during years when maintenance is not required is utilized as carryover during years when ponds are determined to require maintenance. Six ponds will be surveyed for sediment accumulation in 2017: Cedar Meadows, SW Calhoun Cell 1, Twin Lakes, Long Lake Park North and South, and Swan Lake. Of these six ponds, it is anticipated that maintenance will be need at SW Calhoun Cell 1, Twin Lake, and Long Lake South based on their respective past intervals of reaching the 50% volume reduction threshold. Reflected in this budget is the cost to perform sediment sampling at all six ponds and the expected sediment analysis that will be needed if SW Calhoun, Twin Lake, and Long Lake Park South require maintenance. The need for stormwater pond maintenance will be confirmed following the 2017 pond sediment surveys.

Expense	Cost
Stormwater Pond Surveys (6 ponds)	\$27,029
Pond Dredging Construction Estimate	\$200,000
TOTAL	\$227,029

Infrastructure Maintenance (+\$100,000 budget increase from 2016):

In 2017, the Project Maintenance and Land Management Program will begin implementation of the District’s Infrastructure Maintenance Plan to prepare for long-term maintenance of District infrastructure. The 2017 budget includes confined space inspections, ditch inspections, and maintenance of the DL-3 Sand-Iron Filter, Reach 20 Boardwalk and Bridge, the Six Mile Marsh Prairie Barn, and the Twin Lake Pond Weir.

Infrastructure	Cost
Confined Space Inspections	\$30,000
Ditch Inspections	\$15,000
DL-3 Sand / Iron Filter	\$25,000
Reach 20 Boardwalk and Bridge	\$10,000
Six Mile Marsh Prairie Barn	\$2,000
Twin Lake Pond Weir	\$18,000
TOTAL	\$100,000

Land Surveying Services (\$5,000)

Surveying, marking, and signing of lands acquired land through fee and easement.

Routine and Unplanned Maintenance (\$20,000):

Restoration and repair needed throughout the District, which allows the program to be responsive to issues that arise outside of typical and planned maintenance.

Engineering Services (\$15,000):

Engineering services required for oversight of and response to unplanned construction and maintenance. This budget also includes monitoring and maintenance of the DL-3 Sand / Iron Filter, which accounts for approximately \$4000 of the total budget.

Legal Services (\$5000):

Legal review of agreements and contract documents associated with cooperative

work with other agencies and vegetation and infrastructure maintenance.

Printing and Publishing Materials (\$2,000):

Materials for staff to communicate with the public (i.e., post cards, press releases, and other forms of media) about maintenance projects including prescribed burning and stormwater pond maintenance.

Staff Expenses, Trainings, and Mileage (\$3,000):

Funding provides for staff expenses and mileage reimbursement, and for staff to attend workshops, training, and conferences for continuing education and career advancement.

Equipment and Supplies (\$500):

Funding provides for minor supply purchases associated with project maintenance.

Personnel Costs (\$160,916):

Salary, payroll tax, PERA, and 3% salary increase for PMLM staff.

2017 Budget Summary:	
Activity/Expense	Budget
Vegetation Maintenance	\$ 72,365
Matched Grant Funds	\$ 72,500
Stormwater Facility Maintenance	\$227,029
Infrastructure Maintenance	\$100,000
Land Surveying Services	\$ 5,000
Routine and Unplanned Maintenance	\$ 20,000
Engineering Services	\$ 15,000
Legal Services	\$ 5,000
Printing and Publishing Materials	\$ 2,000
Staff Expenses, Trainings, and Mileage	\$ 3,000
Equipment and Supplies	\$ 500
Personnel Costs	\$160,916
TOTAL	\$683,310

**Goals/
Outcomes**

The Project Maintenance and Land Management Program will focus its financial and technical resources to support the establishment and long-term function of District capital projects and lands. This focus is complemented by the goal of remaining responsive to inter-department collaboration, new opportunities to partner with external agencies, and the use of innovative approaches to land management.

Schedule

Stormwater pond maintenance will be completed from January to March with the following year's pond surveys conducted in April and May. Vegetation-related activities occur primarily during the growing season from May to September.

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$326,000	\$180,103	\$0	(\$154,539)	\$0	\$260,547	
2015	\$466,000	\$156,560	\$223,787	(\$205,012)	(\$209,601) ¹	\$260,988	
2016	\$546,429	\$285,411	\$0	(\$364,702)	\$59,208	\$181,727	
2017	\$683,310	\$442,375	\$0	(\$683,310)			

¹\$223,787 transferred out to FEMA Flood Repairs fund; \$14,186 transferred in from Land Restoration fund.

²\$59,208 transferred in from Land Restoration fund as the PMLM and Land Restoration fund were combined.

Recommended 2017 Budget and Levy

Budget: \$ 683,310

Levy: \$ 442,375

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	\$160,916
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	\$1,000
4065	Staff Training	\$2,000
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	\$2,000
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$496,894
4330	Accounting & Auditing	
4340	Engineering/Consulting	\$15,000
4350	Legal Expense	\$5,000
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	\$500
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$683,310

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Michael Hayman

DATE: August 9, 2016

<u>Program</u>	Land Conservation (2004)
<u>Summary</u>	Conserve, maintain and enhance green infrastructure through strategic land acquisition, technical assistance and partnerships.
<u>Location</u>	District-wide
<u>Description</u>	<p>General Background: The District operates a Land Conservation program integrated with capital improvements through coordinated planning, to perform focused conservation and restoration of land within priority natural resource areas throughout the District.</p> <p>As defined in the 2007 Comprehensive Plan, a primary purpose of the Land Conservation Program is to conserve, maintain and enhance green infrastructure for stormwater runoff management, habitat and other water resource benefits. These benefits are provided through the proactive conservation and restoration of existing systems of streams, lakes, wetlands and affiliated upland areas.</p> <p>These objectives are generally accomplished within a two-track approach (focus and responsiveness) as outlined below:</p> <ul style="list-style-type: none"> • Focused acquisitions integrated, through multijurisdictional partnerships, into strategic capital project planning efforts, land-use planning and other public and private goals, as guided by the <i>Balanced Urban Ecology</i> policy. • Responsive acquisitions and technical assistance in areas of land conservation techniques – conservation subdivision planning, model ordinance development, financial strategies and available programs outside of MCWD – to promote land stewardship at a private level. <p>Through the model of focus and responsiveness, program implementation remains active District wide and is facilitated through programmatic activities that are integrated with land use planning. Program activity occurs within and is coordinated between the Planning Department, Project Maintenance & Land Management Department, Permitting Department, and Cost Share Department.</p> <p>In recent years acquisitions have become increasingly focused within priority geographies, such as the Minnehaha Creek and Six Mile Creek-Halsted Bay subwatersheds. In 2017 program funds for acquisition will remain targeted within these geographies, while staff will continue filtering District-wide acquisition opportunities for Board consideration.</p> <p>Planning staff will also continue to research and pursue creative protection options as the development of alternative conservation instruments will be an essential component of an effective Land Conservation program moving into the future.</p>

Debt Service (\$3,964,169 – includes interfund loan repayment):

Acquisitions made through the Land Conservation program are supported by financing from Hennepin County in accordance with the 2006 Master Loan Agreement between both agencies.

Strategic financial planning for the coming years will be important to effectively manage the Land Conservation program's debt coverage and aid in developing a decision tree process for debt coverage determinations.

In 2013, the Budget & Finance Committee developed a multi-year strategic financial plan to manage current and future obligations that ensures fiscal flexibility for the program while also clearly defining its limits. In 2013, MCWD participated in a Hennepin County Bond sale (2013B) to retire three notes and provide long term financing for several District property acquisitions. Also in 2013 the District refinanced its privately placed note with Wells Fargo for 325 Blake Road, extending the term to 2018 and reducing the rate.

Consequently, the total 2017 debt service (201B + 2011A + 2013B + Wells Fargo 2013) for Land Conservation will be \$3,964,169. This total includes repayment of the interfund loan that occurred in 2014 (see below). The District services its annual debt from the Land Conservation fund (2004) which receives revenue from the annual tax levy.

Interfund Loan Repayment (\$192,704 – included in debt service number):

In 2014 a \$1,349,156 interfund loan was made from Land Conservation to the Minnehaha Preserve (Reach 20). This loan is to be paid back through an annual levy into the Land Conservation fund over 5 years (2015-2019). In 2015 \$165,423 was levied as the first payment on this interfund loan. Also in 2015, \$412,917 was transferred into Land Conservation as loan repayment following the close out of the Minnehaha Preserve project. Combined, the \$165,423 levy in 2015 and the \$412,917 loan repayment transfer in 2015 reduced the \$1,349,156 principal to \$770,816. Repaying the remaining principal over the remaining 4 year term necessitates \$192,704 annual levy, which started in 2016. Loan repayment will terminate upon final settlement in 2019.

Six Mile Creek-Halsted Bay Debt Service (\$100,000):

As the Six Mile Creek-Halsted Bay subwatershed planning partnership continues, the Board has expressed an interest in creating a debt service program with Carver County to fund project opportunities within this focal geography. Throughout 2016 the District has been exploring the creation of said program with Carver County commissioners and their financial services department. Staff is recommending a 2017 levy increase of \$100,000 to initiate a debt service program for anticipated expenditures in the Six Mile Creek-Halsted Bay subwatershed.

2017 Budget and Levy:

In 2016 the levy increased \$29,781 to \$2,795,204, to accommodate the second interfund loan payment for the Minnehaha Preserve project, which increased from \$165,423 to \$195,204. Following Minnehaha Preserve project close out, and upon reconciling all payments, the remaining three annual interfund loan payments will all be \$192,704.

	2017 Budget Summary:	
	Activity/Expense	Budget
	Debt Service	\$3,964,169
	Six Mile Creek-Halsted Bay Debt Service	\$100,000
	Total	\$4,064,169
<u>Goals/ Outcomes</u>	Improve ecological integrity and manage water quality and quantity by conserving, maintaining and enhancing green infrastructure through strategic land acquisition, technical assistance and partnerships	

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures (Debt Service)	Transfer in/(out)	Carryover	Assigned Funds
2014	\$2,500,000	\$2,500,000	\$0	\$1,598,144	(\$1,349,156)	\$9,089,010	\$9,089,010
2015	\$2,765,423	\$2,765,423	\$0	\$2,559,219	\$510,291	\$9,646,722	\$9,582,970
2016	\$3,018,369	\$2,795,204	\$0	\$3,018,369	\$0	\$9,423,557	\$8,518,800
2017	\$4,064,169	\$3,159,412	\$0				

Recommended 2017 Budget and Levy

Budget: \$4,064,169

Levy: \$3,159,412

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service	\$4,064,169
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$4,064,169

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Tiffany Schaufler

DATE: August 11, 2016

<u>Program</u>	Habitat Restoration Cost Share & Incentive (2006)																				
<u>Summary</u>	This program provides a 10-year match of federal and state dollars to encourage farm owners to engage in soil conservation and wetland restoration land practices that protect and improve water resources.																				
<u>Location</u>	Eligible projects must be in one of the six following sub-watersheds: <ol style="list-style-type: none"> 1. Six-Mile Creek 2. Painter Creek 3. Dutch Lake 4. Long Lake Creek 5. Schutz Lake 6. Lake Virginia 																				
<u>Description</u>	<p>Background: This program focuses on the District's more rural sub-watersheds to provide meaningful technical and financial incentives for landowners to restore wetlands, water quality, and other key ecological resources. Existing programs do not always provide sufficient incentive to encourage landowners to enroll. The District has encouraged some landowners to engage in soil conservation and wetland restoration practices on lands of concern to the District by matching existing partner programs (USDA/Natural Resource Conservation District, Soil and Water Conservation Districts, Hennepin County NRICH, US Fish and Wildlife Service, etc.). The program will maintain existing agreements. New agreements will not be signed.</p> <p>Habitat Restoration Cost Share Grants (\$15,863): The 2017 budget will be \$15,114 for the agreements currently in place. See the table below for future budgeting through 2019. There are a total of three agreements in place on two properties. These agreements require yearly certification and rental payments through the fall of 2019 for practices already installed. Additional restoration needs and opportunities may exist in the District, but neither the District nor Carver County staff is aware of new landowner prospects.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left;">Agreements</th> <th style="text-align: center;">2017</th> <th style="text-align: center;">2018</th> <th style="text-align: center;">2019</th> </tr> </thead> <tbody> <tr> <td>Six Mile Creek - Yetzer</td> <td style="text-align: right;">\$3,295.00</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Six Mile Creek - Brockpahler</td> <td style="text-align: right;">\$2,420.04</td> <td style="text-align: right;">\$2,420.04</td> <td style="text-align: right;">\$2,420.04</td> </tr> <tr> <td>Six Mile Creek - Yetzer Phase II</td> <td style="text-align: right;">\$9,398.44</td> <td style="text-align: right;">\$9,398.44</td> <td style="text-align: right;">\$9,398.44</td> </tr> <tr> <td style="text-align: right;">Yearly Total</td> <td style="text-align: right;">\$15,113.48</td> <td style="text-align: right;">\$11,818.48</td> <td style="text-align: right;">\$11,818.48</td> </tr> </tbody> </table>	Agreements	2017	2018	2019	Six Mile Creek - Yetzer	\$3,295.00	-	-	Six Mile Creek - Brockpahler	\$2,420.04	\$2,420.04	\$2,420.04	Six Mile Creek - Yetzer Phase II	\$9,398.44	\$9,398.44	\$9,398.44	Yearly Total	\$15,113.48	\$11,818.48	\$11,818.48
Agreements	2017	2018	2019																		
Six Mile Creek - Yetzer	\$3,295.00	-	-																		
Six Mile Creek - Brockpahler	\$2,420.04	\$2,420.04	\$2,420.04																		
Six Mile Creek - Yetzer Phase II	\$9,398.44	\$9,398.44	\$9,398.44																		
Yearly Total	\$15,113.48	\$11,818.48	\$11,818.48																		

	<p>2017 Budget Summary:</p> <table border="1"> <thead> <tr> <th>Activity/Expense</th> <th>Budget</th> </tr> </thead> <tbody> <tr> <td>Yetzer Agreement</td> <td>\$3,295</td> </tr> <tr> <td>Brockpahler Agreement</td> <td>\$2,420</td> </tr> <tr> <td>Yetzer Phase II Agreement</td> <td>\$9,398</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>\$15,113</td> </tr> </tbody> </table>	Activity/Expense	Budget	Yetzer Agreement	\$3,295	Brockpahler Agreement	\$2,420	Yetzer Phase II Agreement	\$9,398	Total	\$15,113
Activity/Expense	Budget										
Yetzer Agreement	\$3,295										
Brockpahler Agreement	\$2,420										
Yetzer Phase II Agreement	\$9,398										
Total	\$15,113										
<u>Goals/Outcomes</u>	This program will utilize grant dollars to restore wetlands, water quality, and other key ecological resources.										
<u>Schedule</u>	2017-2019 Maintenance of existing agreements through 2019.										

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$17,423	\$35,700	\$0	(\$17,424)	\$0	\$16,382	\$16,382
2015	\$17,423	\$127	\$0	(\$15,662)	\$0	\$842	\$0
2016	\$15,863	\$16,778	\$0	(\$15,863)	\$0	\$1,757	\$0
2017	\$15,113	\$13,356	\$0	(\$15,113)	\$0	\$0	

Recommended 2017 Budget and Levy

Budget: \$15,113
Levy: \$13,356

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	\$15,113
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$15,113

**MINNEHAHA CREEK WATERSHED DISTRICT
2017 RECOMMENDED WORK PLAN**

PREPARED BY: Tiffany Schaufler

DATE: August 11, 2016

<u>Project</u>	Six Mile Marsh Prairie Restoration (3106)										
<u>Summary</u>	Conversion and restoration of previously row-cropped land to approximately 130 acres of wetland, prairie, and oak savanna areas within the Halsted Bay drainage area designed to reduce external loads, restore hydrology and improve water quality within Halsted Bay.										
<u>Location</u>	Six Mile Marsh Subwatershed										
<u>Description</u>	<p>Project Background: The Six Mile Marsh Prairie Restoration (SMMPR) Project began implementation in May 2013. The SMMPR Project included converting approximately 130 acres of previous farmland to 110 acres of native prairie, 10 acres of wetland, and 10 acres of oak savanna. Three-years of vegetation management were included as part of the construction contract which extends through the end of 2015. The second phase of the SMMPR Project will be installed in 2017 and will include the installation of spur trail from the Dakota Rail Trail and interpretive signage.</p> <p>2017 Budget Summary:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Activity/Expense</th> <th style="text-align: right;">Budget</th> </tr> </thead> <tbody> <tr> <td>Trail Design</td> <td style="text-align: right;">\$10,000</td> </tr> <tr> <td>Trail Construction</td> <td style="text-align: right;">\$105,000</td> </tr> <tr> <td>Interpretive Signage</td> <td style="text-align: right;">\$10,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">\$125,000</td> </tr> </tbody> </table>	Activity/Expense	Budget	Trail Design	\$10,000	Trail Construction	\$105,000	Interpretive Signage	\$10,000	Total	\$125,000
Activity/Expense	Budget										
Trail Design	\$10,000										
Trail Construction	\$105,000										
Interpretive Signage	\$10,000										
Total	\$125,000										
<u>Goals/ Outcomes</u>	<ol style="list-style-type: none"> 1. Reduction in phosphorus load from external sources estimated at between 120-380 pounds annually; improved water clarity in Halsted Bay; improved hydrology; and reduced sediment transport area land uses. 2. Promotion of the MCWD Land Conservation Program. 3. Restore moderate to high quality native plant communities and habitat. 4. Develop opportunities for education, interpretation, and public enjoyment. 5. Build healthy soils. 										
<u>Schedule</u>	2017 – Trail construction, sign fabrication and installation.										

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$30,511	\$0	\$0	(\$102,867)	\$0	\$186,023	\$186,023
2015	\$25,457	\$0	\$0	(\$25,604)	\$0	\$160,419	\$139,163
2016	\$139,163	\$0	\$0	(\$12,398)	\$0	\$148,021	\$125,000
2017	\$125,000	\$0	\$0				

Recommended 2017 Budget and Levy

Budget: \$125,000
Levy: \$0

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$10,000
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	\$115,000
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$125,000

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Becky Christopher

DATE: August 11, 2016

<u>Project</u>	Taft-Legion Lake Improvement Project (3140)						
<u>Summary</u>	Volume and load reduction project for Taft and Legion Lakes						
<u>Location</u>	Taft Lake and Legion Lake, City of Richfield						
<u>Description</u>	<p>Background: During the 2010 distribution of the District’s Capital Improvement Plan, the City of Richfield requested that an improvement project for Taft and Legion Lakes be included. A project proposal was developed that outlined details of a partnership between MCWD and the City of Richfield to improve water quality within the two lakes through a combination of project elements including the following:</p> <ul style="list-style-type: none"> • Infiltration: Stormwater runoff will be withdrawn from the enhanced basins/ponds and directed to underground infiltration systems in park land surrounding Taft Lake and Legion Lake. • Flocculation of Water from Taft Lake: A flocculation treatment system will treat water withdrawn from Taft Lake, removing dissolved pollutant loads, before it is discharged back into Taft Lake. • Natively Planted Lakeshore Buffers: Native lakeshore buffers will be established in select areas surrounding Legion Lake. • Pre-Treatment of Runoff to Legion Lake: A series of sedimentation ponds and/or enhanced grit-removal chambers will be installed to remove sediment and phosphorus loads prior to being discharged into Legion Lake. <p>In September 2012, following adoption of a major plan amendment, the Board ordered the project and authorized staff to enter into a cooperative agreement with the City of Richfield under which the City would construct, maintain, and finance the project, and the MCWD would make payments to the City on a 20-year payment schedule to cover the costs of design, construction, bond issuance and interest. The total storm water utility charges payable by the MCWD are as follows:</p> <table style="margin-left: 40px;"> <tr> <td>Design and Construction:</td> <td style="text-align: right;">not to exceed \$2,700,000</td> </tr> <tr> <td>Bond Issuance Costs:</td> <td style="text-align: right;">\$61,462</td> </tr> <tr> <td>Interest:</td> <td style="text-align: right;">\$704,662</td> </tr> </table> <p>Annual payments range from approximately \$168,000-\$178,000 and began on February 1, 2014.</p> <p>The infiltration system was completed in 2014, and the native buffers and Legion Lake pre-treatment were completed in 2015. The flocculation system is installed but is not yet operational. The City has been working to address a few start-up issues and anticipates that it will be operational by the end of August 2016.</p>	Design and Construction:	not to exceed \$2,700,000	Bond Issuance Costs:	\$61,462	Interest:	\$704,662
Design and Construction:	not to exceed \$2,700,000						
Bond Issuance Costs:	\$61,462						
Interest:	\$704,662						

	<p>The City and District will monitor the performance of the infiltration and flocculation systems and adjust their operation as needed to meet the desired performance goals.</p> <p>2017 Budget Summary: The proposed budget for 2017 is \$177,405 which is entirely for debt service payments owed to the City.</p> <table border="1"> <thead> <tr> <th>Activity/Expense</th> <th>Budget</th> </tr> </thead> <tbody> <tr> <td>Debt service payments</td> <td>\$177,405</td> </tr> <tr> <td>Total</td> <td>\$177,405</td> </tr> </tbody> </table>	Activity/Expense	Budget	Debt service payments	\$177,405	Total	\$177,405
Activity/Expense	Budget						
Debt service payments	\$177,405						
Total	\$177,405						
<u>Goals/Outcomes</u>	The Taft Legion Project is estimated to achieve between 167 and 413 lbs of phosphorus reduction and 134 to 280 acre-feet of volume reduction annually. The project also presents opportunities to educate park users.						
<u>Schedule</u>	<p>Given the variation in the project elements and their constructability, the City completed construction in multiple phases:</p> <ul style="list-style-type: none"> • 2013 – Frontage road replacement completed • 2014 – Infiltration system completed • 2015 – Legion Lake pretreatment and native buffers completed • 2016 – Flocculation system to be completed <p>District debt service payments began in 2014 and are scheduled to extend through 2033.</p>						

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$217,217	\$0	\$0	(\$158,837)	\$0	\$61,989	\$0
2015	\$189,755	\$77,907	\$0	(\$181,255)	\$204,987	\$163,793	\$0
2016	\$181,855	\$18,227	\$0	(\$181,855)	\$0	\$165	\$0
2017	\$177,405	\$177,240	\$0	(\$177,405)	\$0	\$0	\$0

Recommended 2017 Budget and Levy

Budget:	\$177,405
Levy:	\$177,240

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	\$125,000
4595	Debt Service-Interest	\$52,405
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$177,405

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Laura Domyancich

DATE: August 11, 2016

<u>Project</u>	Long Lake Creek Corridor Improvement Project (3142)
<u>Summary</u>	Implement projects identified in the Long Lake Creek Corridor Feasibility Study to improve water quality in Long Lake Creek and Tanager Lake.
<u>Location</u>	Long Lake Creek corridor from Long Lake to Tanager Lake in the cities of Long Lake and Orono.
<u>Description</u>	<p>Project Background: In 2010, the District completed a feasibility study for the Long Lake Creek Reach 5 Stream Restoration project identified in the Comprehensive Plan. Upon review of the study's findings, the Board directed staff to expand the feasibility study to investigate stream and wetland restoration opportunities throughout the entire Long Lake Creek corridor.</p> <p>The expanded study combined feasibility work for multiple projects identified in the Comprehensive Plan, including: Reach 5 Stream Restoration, Wetland Restorations 1 and 2, Regional Pond at LLC-48, and Regional Pond at LLC-51. The study also included investigation of the former Long Lake Water Treatment Facility (WWTF), the Smith Dump site, and an evaluation of internal loading in Tanager Lake. The primary goal of the project is to improve water quality in Long Lake Creek and Tanager Lake, which is on the State Impaired Waters List.</p> <p>In August 2011, the Board ordered four project elements in the Long Lake Creek Corridor; Reach 2/Smith Dump Creek Remeander, Wetland Restoration, Brown Road Streambank Stabilization, and Wayzata Blvd Streambank Stabilization.</p> <p>The feasibility study also recommended repairing the berm that separates the former Long Lake wastewater treatment lagoon from Long Lake Creek. Upon review, the Board expressed a desire to see the lagoon cleaned up and restored rather than just isolated. The Board directed staff to investigate opportunities for restoration of the lagoon in partnership with the Metropolitan Council Environmental Services (MCES).</p> <p><u>Phase I: Wetland and Streambank Restoration</u> In March 2012, the Board authorized staff to begin design on Phase I of the project, which includes the wetland restoration and two streambank stabilization elements. Final designs were approved in May 2013. Due to complications with land negotiations, and the opportunity to coordinate some of the repairs with planned road construction projects, construction of these three projects has been delayed. The total estimated cost to finalize design and construct these three project elements is \$80,232.</p> <p><u>Phase II: Long Lake Wastewater Treatment Pond</u> In December 2013, the Board ordered the Long Lake Wastewater Treatment Pond Restoration Project. This restoration involved dredging and disposing of excess</p>

	<p>sediments and reconnecting the basin to Long Lake Creek, resulting in a mixed-type wetland with the creek meandering through it. In June 2014 a cooperative agreement was executed with the Metropolitan Council Environmental Services (MCES). This agreement designated authority to the District to design and construct the project with MCES providing a \$200,000 reimbursement for costs associated with sediment dredging and disposal.</p> <p>The Long Lake Creek Corridor Phase II Restoration Project was constructed throughout the winter of 2014-2015, with final vegetation plantings, wetland enhancements and invasive species control being completed throughout the remainder of 2015. The project resulted in nearly 10-acres of restored, mixed-type wetland; over 30,000 wetland plantings and 400 shrubs; over 550 linear feet of new, sinuous stream channel; and extensive invasive species management.</p> <p>Throughout 2016, vegetation has been managed as part of the 3-year warranty maintenance. Invasive species treatment including spot spraying and mowing is being utilized to allow native seed and plugs to establish. This work will be continued throughout 2017-2018.</p> <p>Invasive species, namely common buckthorn, on adjacent properties have been identified as a threat to eliminating invasives on the project site. Staff have worked with four homeowners to the east of the project site to and have attained license agreements, which allows the District to complete buckthorn removal on these properties to control the spread of this invasive plant into the restored uplands. This work was approved by the Board during final design.</p> <p><u>Potential Future Phases</u> The comprehensive 2011 study also identified other viable projects, such as the Smith Dump remeander, that the District may implement during later phases. Given the District's current focus in the Minnehaha Creek and Six Mile Creek subwatersheds, staff is not recommending moving these elements forward in 2016.</p> <p>2017 Budget Summary: Warranty period maintenance will continue through 2017 and accounts for the majority of the budget in 2017 – expenditures which are part of the construction contract. Remaining project expenses projected for 2017 are for the invasive species control on adjacent properties and potential sign fabrication in cooperation with the City of Long Lake.</p>
<u>Goals/ Outcomes</u>	Continued project maintenance and vegetation warranty work.
<u>Schedule</u>	2017 – Maintenance and vegetation warranty work, and potential sign fabrication.

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$458,274	\$0	\$0	(\$113,504)	\$0	\$505,856	
2015	\$694,214	\$25,601	\$200,000	(\$406,099)	(\$187,861)	\$137,497	\$87,732
2016	\$19,500	\$0	\$0	(\$7,500)	\$0	\$87,732	\$87,732
2017	\$12,000	\$0	\$0	(\$12,000)	\$0	\$87,732	\$87,732

Recommended 2017 Budget and Levy

Budget: \$12,000
Levy: \$0

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$2,500
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	\$9,500
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$12,000

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Michael Hayman

DATE: August 8, 2016

<u>Project</u>	325 Blake Road Stormwater Management (3145)
<u>Summary</u>	Stormwater volume and load reduction project at 325 Blake Road
<u>Location</u>	325 Blake Road N, Hopkins MN
<u>Description</u>	<p>Project Background: The Minnehaha Creek Watershed District made a strategic acquisition of land at 325 Blake Road as part of a regional scale effort to establish the Minnehaha Greenway. This effort identified opportunities for area wide stormwater improvement, ecological restoration of the Minnehaha Creek riparian zone and corridor linkage with upstream/downstream restoration projects. Portions of the site not utilized for watershed restoration will be sold for redevelopment to capture a return on the initial investment.</p> <p>In July 2013, the Board of Managers ordered the 325 Blake Road Stormwater Management Project, taking advantage of the opportunity to manage approximately 260 acres of area wide stormwater runoff at 325 Blake Road. The project requires the diversion of surrounding urban watersheds into the property, and construction of on site management facilities to receive the runoff.</p> <p>The project includes two primary stormwater diversions – Powell Road and Lake Street – and construction of the on-site infiltration/filtration facilities. These projects are to be phased over a period of years:</p> <ul style="list-style-type: none"> • Powell Road Stormwater Diversion (St. Louis Park) – Design 2014; Construction 2015 • Lake Street Stormwater Diversion (Hopkins) – Design 2015, Construction 2016-2018 • 325 Blake Road Stormwater Facility (Hopkins) – 2017-2018 <p>Excluding demolition, the estimated cost at the time of ordering for the suite of stormwater management projects was \$2,747,100.</p> <p>On June 30, 2014 the District received formal decision from the MPCA that the 325 Blake Road Stormwater Management Project scored competitively within the 2015 Project Priority List (PPL), and was granted preliminary approval of the District’s Stormwater Project Plan (SWPP).</p> <p>Following placement on the PPL, the District applied for Point Source Implementation Grant (PSIG) funds. The PSIG program provides 50% of eligible project costs up to \$3-million for wastewater or stormwater projects that have been ranked on the PPL. Under the preliminary approval for the 325 Blake Road project, the District is eligible for 50% of approved project costs.</p> <p>Additional funding sources will be sought for site redevelopment elements of the project. See “Redevelopment Planning” section below for more detail.</p>

Stormwater Management Status:

In 2015, the MPCA approved the construction plans and specifications for the Powell Road Stormwater Diversion and committed funds for 50% of the design, construction and land acquisition for Phase I of the project, for a total of \$529,457. Construction of the Powell Road Stormwater Diversion was completed in August of 2015 with the diversion remaining bulk headed until the stormwater management facility is constructed on the 325 Blake Road site.

Design of the Lake Street Stormwater Diversion was completed in 2015 in cooperation with Metropolitan Council as part of their waste water force main project (Hopkins L27 Project). Construction of the project is being conducted in a coordinated effort with Met Council as they complete their lift station and force main work on Lake Street, consequently saving the District significant expense.

Met Council awarded the L27 Project contract in May 2016 and began construction of the lift station portion of the project in June 2016. Construction of the force main and storm sewer infrastructure cannot begin until the lift station site is complete, which is anticipated to take approximately one year. It is anticipated that all work on Lake Street, including the District's storm sewer diversion, will occur in fall 2017 and spring 2018. The projected cost allocated to the District based on the awarded bid is approximately \$250,000. It is anticipated that the District will again receive PSIG funds under the complete 325 Blake Road application, thus projecting a reimbursement of 50% of the allocated cost (~125,000). It is anticipated that this reimbursement will occur in 2018 and is therefore not identified as part of the 2017 budget.

Regarding the main stormwater facility to be constructed on the 325 Blake Road site, the District has developed a pre and post project monitoring plan that will inform project design and establish a strong research baseline for future effectiveness monitoring. Pre-project stormwater collection provides the District with valuable data that can both calibrate the model used to estimate volume and nutrient loads coming from the approximately 260 acres being diverted, as well as set the stage for effectiveness monitoring once the future facility has been constructed. Most importantly, these data will inform the design development of the future facility on the site to ensure that the most effective management practices are incorporated to remove particulate and dissolved phosphorus as well as sediment loads.

In order to effectively incorporate the future infrastructure and greenway enhancements on the 325 Blake Road site, the main stormwater facility will be planned and designed as an integrated component of the overall site redevelopment.

Redevelopment Planning:

Over the past 12 months the District has been working collaboratively with the City of Hopkins and Hennepin County to conduct a master development strategy – Blake Road Station TOD Early Implementation – that frames and layers the keystone 325 Blake Road site with other critical projects and sites throughout the Blake Road Corridor. Given the District's investment in 325 Blake Road and the Minnehaha Greenway, a critical component to successful redevelopment and community transformation is an understanding of corridor interconnectedness.

Throughout numerous past studies and planning efforts, Blake Road was repeatedly identified as an area of great opportunity. With a diverse population base, good light rail transit station access, several underutilized properties, and connections to natural systems through Cottageville Park and the Minnehaha Creek Greenway, the Blake station area has strong redevelopment potential. The Blake Road Station TOD Early Implementation plan advances these efforts by identifying feasible development scenarios for multiple parcels within the corridor, including 325 Blake Road, and creates a shared vision and implementation roadmap for project partners to follow as a means of helping this area reach its full development potential.

The final Blake Road Station TOD Early Implementation plan is anticipated to be complete in August 2016 and will articulate critical next steps for progressing redevelopment on the District's site and in the corridor. One key element of this plan is the identification of grant resources, financing and regulatory tools. This information will inform much of the redevelopment planning, demolition planning and site remediation work that will be a major focus in 2017.

Much like the stormwater components of the 325 Blake Road project, multiple grant opportunities exist for other elements of the District's planned work. Staff will continue working with Hennepin County on environmental investigation and remediation, and will also be seeking funds through the Minnesota Department of Employment and Economic Development (DEED) for demolition and clean-up.

Upon considering issues such as safety, risk, liability, carrying cost, return on investment and site aesthetics, the District initiated draft demolition planning in 2014-2015 in order to be prepared to immediately act in clearing the site once the property becomes vacant. Layering in corridor plans for Blake Road, the potential light rail station area, and current tenant agreements, finalizing demolition plans and securing outside funding assistance will be a main priority of the District in 2017.

These efforts, along with the development of a Request for Qualifications for master development constitutes most of the 2017 planning efforts surrounding the 325 Blake Road site. Such efforts are not funded through the capital project fund (3145) which is specific to stormwater infrastructure, but are inextricably linked and will be carried forth in concert with natural resource planning. It is anticipated that design of the stormwater facilities will be heavily integrated into the redevelopment efforts and collaboratively planned through the RFQ and master development process.

2017 Budget Summary:

The 2017 budget consists of the as-bid costs of the Lake Street diversion, estimated costs to complete design for the main stormwater facility at 325 Blake Road, and one-half of the projected construction costs of said facility (~\$2,139,250). As proposed, the District will levy what is necessary to reach half of the cost of construction in 2017, with the remaining apportionment to be levied for in 2018. This multiyear distribution spreads the annual levy impact required to complete the project over multiple years while also ensuring the District has earmarked the required amount of funds to receive grant reimbursement through the PFA PSIG program.

	<p>A portion of the 2017 budget is attributed to estimated construction contingency and legal expenditures associated with completing the Lake Street diversion portion of the stormwater project.</p> <p>It is anticipated that the District will again receive PSIG funds for both the Lake Street diversion and the main stormwater facility under the approved 325 Blake Road application. These funds would be received as a reimbursement (up to 50%) of the total constructed costs once implementation occurs – likely 2018 – and are therefore not accounted for in the current budget table.</p> <p>Finally, as fiscal year 2016 comes to a close, any identified carryover from other capital project funds will be rolled into the 325 Blake Road fund (3145). This transfer will assist in offsetting the levy impact in 2018 to complete the stormwater management project.</p>
<u>Goals/ Outcomes</u>	The site and project represent a critical piece of the District’s larger strategic initiative to (1) improve the quality and manage the quantity of stormwater runoff; (2) enhance the ecological integrity of the stream system; and (3) facilitate broader community goals of economic development and livability by allowing the restored stream system to be integrated into the developed landscape.
<u>Schedule</u>	<ol style="list-style-type: none"> 1. Design and construction of Powell Road Stormwater Diversion – 2014-2015 2. Design of Lake Street Stormwater Diversion – 2015 3. Construction of Met Council L27 Sanitary Sewer Project and Lake Street Diversion – 2016-2018 4. 325 Blake Road Stormwater Management Facility and Greenway – 2017-2019

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$1,132,300	\$985,424		(\$228,445)		\$878,645	
2015	\$1,033,700	\$192,510	\$425,635	(\$836,010)		\$660,780	
2016	\$200,000		\$103,822	(\$45,971)		\$718,613	
2017	\$1,506,012	\$787,381					

Recommended 2017 Budget and Levy

Budget: \$1,506,012
Levy: \$787,381

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	\$250
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	\$250
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	\$75,000
4350	Legal Expense	\$12,000
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	\$1,418,512
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$1,506,012

MINNEHAHA CREEK WATERSHED DISTRICT 2016 RECOMMENDED WORK PLAN

PREPARED BY: Renae Clark

DATE: August 11, 2016

<u>Project</u>	54 th St. Stream Restoration (3147)
<u>Summary</u>	Stream restoration, creek corridor enhancements, recreational improvements and community connections to Minnehaha Creek, reach 15, through Arden Park.
<u>Location</u>	Minnehaha Creek between Wooddale Ave and West 54 th Street in Edina
<u>Description</u>	<p>Background: The Arden Park stream restoration project aligns with the Minnehaha Creek Watershed’s long term vision to restore the ditched and straightened creek corridor after years of urbanization have neglected its natural resource, recreation, and community values. The project expands on downstream restoration restoring native creek buffers on private properties along Minnehaha Creek and will incorporate planned repairs resulting from the 2014 high water which the District has received FEMA funding to support.</p> <p>In October 2013, the Board authorized staff to investigate alternatives for the removal of the grade control structure at West 54th St. in Edina in coordination with the City’s proposed street reconstruction. The structure was recommended for removal in the District’s 2003 Stream Assessment because it is a barrier to fish passage and creates an impoundment causing accumulation of sediment, degrading upstream aquatic habitat. Additionally, Minnehaha Creek is on the State’s Impaired Waters List for both fish and macroinvertebrate index of biotic integrity.</p> <p>Public input revealed that a standing wave formed at the downstream end of the grade control structure that was a regional attraction for whitewater paddlers, and the Board directed that any alternatives maintain the existing recreational functionality. For this reason, staff recommended a bypass channel alternative that would allow for fish passage but would leave the structure intact. The Board ordered the project in September 2014, and the pipe portion of the bypass channel was incorporated into the City’s bid package for W. 54th St.</p> <p>It was subsequently discovered that, following the record flooding of 2014, the wave is no longer forming and there has been further deterioration of the spillway. In light of this information, in early 2015, the Board authorized staff to pursue plans for removal of the 54th St. grade control structure and restoration of Reach 15 in lieu of the previously ordered fish bypass channel project. The City of Edina and white water paddlers issued letters of support for this approach.</p> <p>The proposed restoration approach will be developed in 2016 through a public engagement process. The concept plan and project design will address City goals identified in its Strategic Parks Plan of safety, natural resource restoration and recreation, in addition to District goals to improve aquatic habitat and creek corridor restoration, integrating our work into the broader community goals achieving maximum public benefit.</p>

	<p>The remainder of 2016, MCWD and the City will collaborate through a proposed Memorandum of Agreement which aligns our goals for the development of a concept plan for Arden Park. The concept plan will be developed through a jointly led public participation process to establish design principles, desired programing and advise on a proposed set of design alternatives. A technical advisory team consisting of MCWD staff, City staff, park board members and the consultant team will use the public input received through a series of three public meetings to generate a concept plan for Arden Park which will include a 30% stream restoration design. Approval of the concept design is scheduled for final City and MCWD approval the end of 2016 with an opportunity for preliminary input on the direction scheduled in October.</p> <p>2017 Budget Summary: The proposed agreement provides for a 50% cost share for the overall park concept plan with MCWD funding 100% of the stream restoration design component. The needed MCWD funds for 2016 work are available in the current project budget. Proposed 2017 funding will be for completing the creek restoration design work which is scheduled to begin first quarter of 2017. The design work by MCWD will consist of creek and creek corridor improvements, potential stormwater management practices, in stream restoration and recreation, and creek access. Construction is scheduled for 2018.</p> <p>Staff is recommending a budget and levy of \$94,000 in 2017 to complete project design and permitting.</p>
<u>Goals/ Outcomes</u>	Improve stream ecology, habitat connectivity, recreation, safety, community connections to Minnehaha Creek.
<u>Schedule</u>	2016 – Concept development and public outreach 2017 – Project design 2018 - Construction

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2015	\$49,000	\$49,000	\$0	(\$49,000)	\$0	\$0	\$0
2016	\$51,000	\$51,000	\$0	(\$51,000)	\$0	\$	\$
2017	\$94,000	\$94,000	\$0	(\$94,000)	\$0	\$	\$

Recommended 2017 Budget and Levy

Budget: \$94,000
Levy: \$94,000

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$94,000
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$94,000

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Tiffany Schaufler

DATE: August 11, 2016

<u>Project</u>	FEMA Flood Repairs (3148)																																								
<u>Summary</u>	Implement flood damage repairs to District projects and facilities.																																								
<u>Location</u>	District-wide																																								
<u>Description</u>	<p>Background: The spring and early summer of 2014 became the wettest January 1-June 30 period for MCWD since modern-day record keeping began in 1871. This historic precipitation led to record water levels and flows in water bodies throughout the District. After the high water receded in the fall of 2014, staff inspected Minnehaha, Six Mile, Painter, Classen, Long Lake, and Gleason Lake Creeks, as well as all of the District's past projects for flood related damages. MCWD identified damages along the six main stem creeks and began coordinating with Federal Emergency Management Agency (FEMA) on repairs. The District then inspected the damaged sites with FEMA. After these inspections 35 damage sites along Minnehaha Creek and one damage site along Painter Creek were approved by FEMA for funding.</p> <p>To date FEMA has approved funding to perform flood damage repairs at 36 sites totaling approximately \$540,019. To date MCWD has received \$357,491 in grant money from FEMA to implement the repairs. The remaining \$173,361 will be granted from FEA once the projects are implemented. The table below provides a summary of the FEMA approval and funding. MCWD has until July 2018 to complete repairs.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">FEMA Project #</th> <th style="text-align: center;">Site/Locations</th> <th style="text-align: center;"># of Sites</th> <th style="text-align: center;">FEMA Funding Approved</th> <th style="text-align: center;">FEMA Funding Received To Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">755</td> <td>Repair below Minnehaha Falls</td> <td style="text-align: center;">3</td> <td style="text-align: right;">\$ 107,315.56</td> <td style="text-align: right;">\$104,632.67</td> </tr> <tr> <td style="text-align: center;">759</td> <td>Repair on Minnehaha Creek</td> <td style="text-align: center;">11</td> <td style="text-align: right;">\$ 69,267.96</td> <td style="text-align: right;">\$ 67,536.26</td> </tr> <tr> <td style="text-align: center;">764</td> <td>Repair on Minnehaha Creek</td> <td style="text-align: center;">11</td> <td style="text-align: right;">\$ 76,013.98</td> <td style="text-align: right;">\$ 74,113.90</td> </tr> <tr> <td style="text-align: center;">806</td> <td>Repair below Minnehaha Falls</td> <td style="text-align: center;">8</td> <td style="text-align: right;">\$ 173,361.35</td> <td style="text-align: center;">*</td> </tr> <tr> <td style="text-align: center;">934</td> <td>Repair on Minnehaha Creek</td> <td style="text-align: center;">2</td> <td style="text-align: right;">\$ 86,029.97</td> <td style="text-align: right;">\$ 83,879.22</td> </tr> <tr> <td style="text-align: center;">944</td> <td>Repair on Painter Creek</td> <td style="text-align: center;">1</td> <td style="text-align: right;">\$ 28,030.42</td> <td style="text-align: right;">\$ 27,329.66</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">\$540,019.24</td> <td style="text-align: right;">\$357,497.71</td> </tr> </tbody> </table> <p>* When FEMA approves a project greater than \$125,000 they reimburse on actual costs spent to perform the repairs.</p> <p>2017 Budget Summary: During the remainder of 2016 and throughout 2017 staff will develop an implementation plan for the flood repairs which will take into consideration the design, project permits, land rights, and integration of other project opportunities within the vicinity of the flood repairs. Staff will coordinate with the City of</p>	FEMA Project #	Site/Locations	# of Sites	FEMA Funding Approved	FEMA Funding Received To Date	755	Repair below Minnehaha Falls	3	\$ 107,315.56	\$104,632.67	759	Repair on Minnehaha Creek	11	\$ 69,267.96	\$ 67,536.26	764	Repair on Minnehaha Creek	11	\$ 76,013.98	\$ 74,113.90	806	Repair below Minnehaha Falls	8	\$ 173,361.35	*	934	Repair on Minnehaha Creek	2	\$ 86,029.97	\$ 83,879.22	944	Repair on Painter Creek	1	\$ 28,030.42	\$ 27,329.66				\$540,019.24	\$357,497.71
FEMA Project #	Site/Locations	# of Sites	FEMA Funding Approved	FEMA Funding Received To Date																																					
755	Repair below Minnehaha Falls	3	\$ 107,315.56	\$104,632.67																																					
759	Repair on Minnehaha Creek	11	\$ 69,267.96	\$ 67,536.26																																					
764	Repair on Minnehaha Creek	11	\$ 76,013.98	\$ 74,113.90																																					
806	Repair below Minnehaha Falls	8	\$ 173,361.35	*																																					
934	Repair on Minnehaha Creek	2	\$ 86,029.97	\$ 83,879.22																																					
944	Repair on Painter Creek	1	\$ 28,030.42	\$ 27,329.66																																					
			\$540,019.24	\$357,497.71																																					

	<p>Minneapolis and Minneapolis Park and Recreation Board (MPRB) to identify other project opportunities that have been catalyzed by the flood damage. In 2016 the District applied for a BWSR Accelerated Implementation grant to identify improvement opportunities in coordination with the City of Minneapolis and MPRB in coordination with the current FEMA initiative.</p> <table border="1"> <thead> <tr> <th>Activity/Expense</th> <th>Budget</th> </tr> </thead> <tbody> <tr> <td>Planning, Design & Construction</td> <td>\$280,676</td> </tr> <tr> <td>Total</td> <td>\$280,676</td> </tr> </tbody> </table>	Activity/Expense	Budget	Planning, Design & Construction	\$280,676	Total	\$280,676
Activity/Expense	Budget						
Planning, Design & Construction	\$280,676						
Total	\$280,676						
<u>Goals/Outcomes</u>	Maintain District project and facilities to ensure they are operating as designed to protect the District's investment.						
<u>Schedule</u>	<p>2017: Design repairs, permit repairs, acquire land rights, begin implementing repairs</p> <p>2017-2018: Implement repairs</p>						

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014							
2015				(\$80,830)	\$223,787	\$142,957	\$142,957
2016	\$140,000	\$0	\$30,000	(\$30,000)	(\$223,787)	\$0	\$0
2017	\$280,676	\$0	\$280,676	(\$280,676)	\$0	\$0	

Recommended 2017 Budget and Levy

Budget: \$280,676
 Levy: \$0

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$280,767
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$ 280,767

**MINNEHAHA CREEK WATERSHED DISTRICT
2017 RECOMMENDED WORK PLAN**

PREPARED BY: Tiffany Schaufler

DATE: August 11, 2016

<u>Project</u>	Highway 101 Causeway Reconstruction Project (3149)
<u>Summary</u>	Vegetated shoreline bioengineering along the Highway 101 Causeway in Wayzata to provide erosion control and enhance shoreline habitat along Lake Minnetonka. Flood volume replacement through restoration of a wetland along Jennings Cover in Minnetrista.
<u>Location</u>	Lake Minnetonka Subwatershed along the Highway 101 Causeway and east of Orchard Cover road along Jennings Cove in Minnetrista.
<u>Description</u>	<p>Project Background: The MCWD Comprehensive Plan identifies a lakeshore bioengineering restoration project along Lake Minnetonka. Following review of Hennepin County’s proposed improvements to CSAH 101, in October 2013 the Board of Managers expressed support for working with Hennepin County to develop a vegetated solution to the Grays/Wayzata Bay Causeway shoreline. The Board of Managers reinforced their support for developing a partnership with Hennepin County in December 2013, when they resolved to communicate their commitment to identify shoreline enhancements beyond current regulatory requirements. Pursuant to Board resolution, District staff worked closely with the District engineer and counsel to engage with Hennepin County in exploration of feasible enhancements to the Grays/Wayzata Bay shoreline.</p> <p>The District and Hennepin County developed a cooperative agreement that allows the District to install and maintain vegetated reinforced soil slopes and related bioengineering and vegetation features along the Grays/Wayzata Bay causeway, with a \$30,000 reimbursement from Hennepin County. The District’s bioengineering element brought the design into conformance with the requirements of the District’s shoreline rule and allowed the District to approve the work without the need to consider a variance. For that reason, staff’s recommended conditions on MCWD permit 13-460 included a condition requiring that the County enter into an agreement with the District affording the District the ability to do the bioengineering work.</p> <p>In January 2014, Hennepin County as a co-applicant with MCWD applied, and was issued, a permit for the linear reconstruction of CSAH 101 between Minnetonka Boulevard and Wayzata Boulevard. Through the cooperative agreement between Hennepin County and MCWD, the County provided for the District to implement a shoreline restoration project within the corridor, following road construction. This planned work to stabilize Lake Minnetonka shoreline with vegetated reinforced soil slopes (VRSS) will fill some of the 100 year floodplain. Consequently, as a condition of MCWD permit 13-460, MCWD obligated itself to provide “compensatory storage for floodplain fill along the causeway due to vegetative slope construction.”</p>

The District Engineer performed preliminary floodplain fill calculations based on concepts advanced at the time the permit and Hennepin County cooperative agreement were approved, in January 2014. Based on those calculations, Wenck Associates has estimated approximately 2,000 cubic yards of fill may be placed within the 100 year floodplain of Lake Minnetonka.

Following MCWD permit 13-460 issuance, District staff began evaluating parcels connected to Lake Minnetonka that would be suitable to provide the necessary floodplain mitigation. The 3.26 acre Sun Valley Tax Forfeit property located in Minnetrista was preliminarily found to meet the District’s floodplain mitigation needs.

Following several discussions with City of Minnetrista Staff, an August 11, 2014 letter of support from the city administrator for the District’s CIP restated the August 4, 2014 City Council vote to “explore the possibility of transferring 3.26 acres of tax forfeited land to the District for purposes of floodplain and wetland restoration.” Subsequently, the property was investigated in more detail. Following a preliminary wetlands investigation, the District Engineer, Wenck Associates, reaffirmed the feasibility of creating floodplain storage at this location primarily through site grading and soil scraping that would create a wetland and restore an existing degraded wetland and the natural hydrologic connection of the riparian land to the lake.

In October 2014, MCWD and the City of Minnetrista executed a cooperative agreement under which the parties will cooperate to obtain legislative approval of a fee transfer to the District. In the event property transfer is infeasible, the City would grant the District the right to construct and perpetually maintain the work on the City parcel. In exchange, the District will explore including additional flood volume storage in the design to meet the City’s requirement for the Enchanted Lane improvement and will incorporate such storage as feasible, with an allocation of costs as stated in the agreement.

In March 2015, the Board ordered the Highway 101 Causeway Reconstruction Project which includes both the causeway shoreline restoration work (“causeway element”) and the independent but associated flood storage replacement work (“flood storage element”). The District’s engineer estimates the cost (including design, construction and construction oversight) at \$1,604,308.

2017 Budget Summary:

When the project was ordered in March 2015, the Board of Managers passed a resolution to levy 50% of the project cost in 2016 and 50% in 2017. This resolution was amended by the Board during the 2016 budget review process. The remaining project cost (\$845,359) will be levied for in 2017.

Activity/Expense	Budget
Construction	\$845,359
Total	\$845,359

<u>Goals/ Outcomes</u>	Promotion of bioengineering techniques for application to other highway and roadway projects and water quality and ecological benefits by using vegetated slopes rather than hard armoring.
<u>Schedule</u>	2016 – Design, Construction 2017-2019 – Construction & Vegetation Warranty/Maintenance

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2014							
2015							
2016	\$758,949	\$5,572	\$0	(\$758,949)	\$753,377	\$0	
2017	\$845,359	\$815,359	\$30,000	(\$845,359)		\$0	

Recommended 2017 Budget and Levy

Budget: \$845,359
Levy: \$815,359

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	\$845,359
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$845,359

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Michael Hayman

DATE: August 11, 2016

<u>Project</u>	Meadowbrook Golf Course Ecological Restoration Project (3150)
<u>Summary</u>	Strategic partnership with the Minneapolis Park and Recreation Board to reconfigure and enhance Meadowbrook Golf Course to improve the ecological integrity of the Minnehaha Creek stream corridor and connect the Minnehaha Creek Greenway through MPRB land to the City of Edina parks and trails system.
<u>Location</u>	Minnehaha Creek Greenway - Meadowbrook Golf Course: St. Louis Park, Hopkins and Edina.
<u>Description</u>	<p>Project Background: In December, 2013 the Board directed staff to seek partnership with the Minneapolis Park and Recreation Board (MPRB) and initiate a preliminary exploration of Minnehaha Creek restoration and re-meandering through the Meadowbrook Golf Course area.</p> <p>In March, 2015 – following nearly a year of communication with MPRB and the historic flooding that occurred throughout 2014 – the Board authorized the execution of a cooperative agreement with the MPRB to collaboratively develop conceptual master plans for capital investment in the Meadowbrook Golf Course.</p> <p>The Cooperative Agreement between MCWD and MPRB identified the following water resource goals:</p> <ul style="list-style-type: none"> • Improve ecological integrity of the stream corridor through this reach; • Improve ecological integrity of upland within the golf course; • Improve wetland function and value on site, and water quality leaving the site; • Maintain or increase flood storage capacity, reducing flood severity for surrounding communities; and • Connect Minnehaha Creek Greenway trails through MPRB land to City of Edina parks and trails system in a manner that respects adjoining landowners’ interests. <p>After completing an iterative conceptual design process and following a thorough public comment period the MPRB developed a preferred conceptual master plan to maintain 18-hole golf use on the property while meeting many of the water resource objectives outlined above. The approved concept includes restoring the currently ditched segment of Minnehaha Creek; increasing flood resiliency within the course; provide flood mitigation for properties adjacent to the course that are currently adversely affected under 100-year conditions; restore and enhance wetland function within the golf course; and explore future community connections through expansion of the Minnehaha Greenway with a new trail corridor running south into the City of Edina.</p> <p>In October 2015 the District executed the First Amendment to the Cooperative</p>

Agreement with the MPRB – detailing a collaborative design process – and initiated an expedited timeline for design of the golf course reconstruction and ecological restoration.

Following four months of accelerated design effort, MPRB received favorable bids for the golf course portion of the reconstruction project in March 2016.

Approximately two months later, bids for reconfiguring and restoring the golf course were rejected by MPRB, deciding to redirect efforts towards a plan better aligned with available funding from defined sources.

MPRB has indicated that a key constraint to the original plan was clarity on a previous misinterpretation – the fact that FEMA funds for restoration are not, as previously thought, a one-time opportunity. This means that a future flood could potentially be addressed with FEMA reimbursements. In addition, the need to align green fee pricing with area competition precludes the golf course from being able to finance the restoration as previously envisioned.

MPRB has determined that it must pursue a more achievable golf course configuration closer to the current course layout. They will be repairing the site in late summer 2016 – roto tilling and seeding – in preparation for reopening the golf course in spring 2017. MPRB has indicated that all other elements of the reconstruction plans will be compartmentalized as separate capital improvements and completed as funding is available. This includes projects such as a new clubhouse, the addition of the driving range, and the natural resource components.

Due to MPRB's decision to move forward with site repairs absent of the overall restoration, a certain economy of scale that would have otherwise been realized through layered construction efforts is now lost. As noted earlier, the natural resource restoration and ecological improvements must now be addressed as separate efforts from the golf course repair. MPRB continues to voice support for the District's vision of Minnehaha Creek restoration and has indicated their willingness to continue partnering to complete the project.

The District and MPRB will continue working through the challenges surrounding the site with an anticipated restoration effort taking place in 2017.

2017 Budget Summary:

Due to the dynamic situation surrounding project opportunities at Meadowbrook Golf Course, preliminary capital cost estimates for natural resource elements of the project – stream corridor, riparian area, wetlands, etc. – are estimated to range between \$1.5 million to \$2.5 million. While MPRB and MCWD staff continue evaluating opportunities on the site, staff is utilizing a District capital cost estimate of \$2.0 million for work plan development and 2017 budgeting purposes.

District staff continues discussions with MPRB over financing the District's potential capital contribution. The District's financial advisors, Springsted Inc., have provided estimates for a range of capital costs over 10 and 20 year terms.

For purposes of work plan development and 2017 budgeting, District staff is recommending the assumption of \$2.0 million capital cost financed over a 20 year

	<p>term which would require \$130,000 annually to support the debt.</p> <p>The District received a \$100,000 Hennepin County Natural Resources Opportunity grant in 2016, with funds to be disbursed upon implementation. Assuming a project is initiated in 2017, the \$100,000 reimbursement would be used to offset the \$130,000 budget, leaving \$30,000 as the remaining budget.</p>
<u>Goals/ Outcomes</u>	<p>Improve ecological integrity of the stream corridor through this reach; improve ecological integrity of upland within the golf course, improve wetland function and value on site; improve water quality for Minnehaha Creek and downstream Lake Hiawatha; maintain or increase flood storage capacity to improve golf course resilience and reduce flood severity of adjacent neighborhoods; connect Minnehaha Creek Greenway trails through MPRB land to City of Edina parks and trails system in a manner that respects adjoining landowners' interests.</p>
<u>Schedule</u>	<p>2015 – Complete conceptual master planning and initiate project design 2016 – Finalize design activities for golf course and ecological restoration 2017 – Open golf course for public use, initiate natural resource restoration</p>

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2015					\$191,264	\$191,264	
2016	\$280,000	\$87,938		(\$215,000)	(\$34,202)	\$30,000	
2017	\$130,000		\$100,000*				

*District will receive grant funds awarded in 2017 as reimbursement only.

Recommended 2017 Budget and Levy

Budget: \$130,000
Levy: \$0

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	\$130,000
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$130,000

MINNEHAHA CREEK WATERSHED DISTRICT 2017 RECOMMENDED WORK PLAN

PREPARED BY: Michael Hayman

DATE: August 11, 2016

<u>Project</u>	Minnehaha Preserve Enhancement Project (3151)
<u>Summary</u>	Strategic partnership with Japs-Olson Company to optimize redevelopment opportunities, collaborate to creatively address stormwater management requirements, and expand green space, community connectivity and regional stormwater management in the Minnehaha Creek Greenway.
<u>Location</u>	Powell Road and Meadowbrook Road, St. Louis Park
<u>Description</u>	<p>Project Background: The Minnehaha Creek Watershed District has repeatedly taken efforts to integrate its planning and implementation with that of other public and private entities, incorporating natural resource improvements into the built environment in ways that meet goals of livable communities and are mutually beneficial to its partners.</p> <p>This integrated philosophy of planning has been particularly useful within the urban corridor of Minnehaha Creek, between Highway 169 and Meadowbrook Lake.</p> <p>In 2013 the District and Japs-Olson Company began collaboratively planning for landscape changes related to redevelopment desires of the regional printing firm. Japs-Olson owns approximately 30.5 acres of land in the Powell/Meadowbrook Road area, bordered by the District’s Powell Road stormwater diversion, Minnehaha Creek, and the Minnehaha Preserve stream and trail restoration – part of the strategically focused efforts around the creation of the Minnehaha Creek Greenway.</p> <p>Following nearly two years of partnership development, integrated planning efforts, and the identification of natural resource improvements and stormwater management opportunities, in August 2015 the District executed a cooperative agreement with Japs-Olson Company and the City of St. Louis Park for stormwater management related to the proposed redevelopment of the Japs-Olson Company. The collaboratively developed stormwater management agreement includes a framework that:</p> <ul style="list-style-type: none"> • Optimizes Japs-Olson’s parking, providing regulatory required treatment for runoff from approximately 24 acres of Japs-Olson’s planned expansion and runoff from approximately 4 acres of non-regulatory required drainage on the former ApplianceSmart site; • Obligates Japs-Olson to convey about 3.67 acres of land on the former ApplianceSmart site, in fee, to MCWD, which through vegetative enhancement and other measures the MCWD will integrate with its contiguous restored Minnehaha Preserve properties;

	<ul style="list-style-type: none"> • Enables Japs-Olson to divert approximately 7 acres of runoff from its planned expansion to the District’s planned regional facility at 325 Blake Road. <p>Following transfer of the 3.67-acre parcel from Japs-Olson, the District initiated design development to complete enhancement of the constructed basins in an effort to improve the wetland and ecologic qualities and to integrate the site into the adjacent ecologically restored Minnehaha Preserve. The District also completed design and construction documents to install a dedicated trail connection to Excelsior Boulevard and associated trailhead parking.</p> <p>In 2016 the District initiated vegetation management for the site that includes upland plantings to enhance the site and screen the adjacent industrial parcel, herbaceous plantings to improve the filtration basins, site mowing and spraying to control weeds during this critical growth phase, invasive species management and three years of maintenance for the entire project area.</p> <p>Regarding construction of the trail and parking elements, to reconcile short term budget complications the District delayed implementation in 2016. These 2016 budget revisions are reflected in the below budget table. The delay in construction provides additional time to seek potential outside funding sources to assist in construction of the trail connection.</p> <p>2017 Budget Summary: Preliminary capital cost estimates for construction of the trail connection and trail head parking area totals \$203,000. This is the cost estimate for construction of a six foot wide bituminous trail, a small segment of boardwalk for Minnehaha Preserve trail connection, and installation of a pervious parking trail head area.</p> <p>The cost estimate included in the work plan is an estimate for materials, labor, construction contingency, vegetation management (ongoing based on 2016 contract), legal review and printing/publishing expenses to implement the project.</p>
<u>Goals/ Outcomes</u>	Partner to identify creative stormwater management opportunities and expand regional stormwater management in the area; improve wetland function and value on site by restoring historic wetland areas; improve ecological integrity of wetland and upland areas; improve water quality for Minnehaha Creek and downstream Lake Hiawatha; connect Minnehaha Creek Greenway trails to Excelsior Boulevard.
<u>Schedule</u>	2015 – Complete project design 2016 – Initiate vegetation management activities 2017 – Construct trail connection and trail head parking area 2018-2019 – Ongoing warranty and vegetative maintenance

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2015				(\$2,250)		(\$2,250)	
2016	\$325,000	\$325,000		(\$42,195)	\$(51,344)	\$229,211	\$26,211*
2017	\$203,000	\$0					

Recommended 2017 Budget and Levy

Budget: \$203,000
Levy: \$0

* indicates funds obligated for construction contracts or maintenance agreements

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	\$200
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	\$300
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	\$2,500
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	\$200,000
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$203,000

MINNEHAHA CREEK WATERSHED DISTRICT 2016 RECOMMENDED WORK PLAN

PREPARED BY: Renae Clark

DATE: August 11, 2016

<u>Project</u>	Minnehaha Creek Greenway enhancement and trail connection (XXXX)
<u>Summary</u>	Project design for Minnehaha Creek Greenway enhancement and trail connection between the Minnehaha Preserve and Southwest Light Rail Transit / Cedar Regional Trail crossing at Minnehaha Creek.
<u>Location</u>	Minnehaha Creek and 7800 Powell Road, St. Louis Park
<u>Description</u>	<p>Background: The Minnehaha Creek Watershed District continues to take a comprehensive approach to integrate its planning and implementation with that of other public and private partners, incorporating its strategic natural resource improvements into the built environment in ways that create livable communities and are mutually beneficial to our Partners.</p> <p>Beginning in 2008 with a partnership with Park Nicollet to re-meander Minnehaha Creek through the Methodist Hospital campus, the District has initiated numerous projects within Hopkins and St. Louis Park. These projects serve to manage regional stormwater runoff, address Minnehaha Creek and Lake Hiawatha TMDLs, expand municipal park and open space, improve recreational access to the Creek and catalyze ecologically sensitive economic development to improve tax base and compliment regional transit improvement plans. The project elements generally include the Minnehaha Preserve, Cottageville Park expansion, Japs-Olson partnership and planned greenway expansion that includes regional stormwater treatment at 325 Blake Road.</p> <p>Consistent with our comprehensive approach and these goals, the District has coordinated with the Southwest Light Rail Transit (SW LRT) Project Office and the City of St. Louis Park to integrate public transit, community connections, and our natural resource management interests. The coordination has informed the design of the proposed SW LRT bridge crossings over Minnehaha Creek which will result in riparian corridor improvements and creek bank stabilization in addition to a critical pedestrian crossing which is part of the Minnehaha Greenway conceptual plan. The crossing provides the opportunity for a pedestrian trail connection between Meadowbrook Road and the Minnehaha Preserve to the Cedar Regional Trail and the Blake Road corridor, including the SW LRT Blake Station. The trail connection through the proposed crossing aligns with City of St. Louis Park “Connect the Park” initiative intended to develop a comprehensive, city-wide system of trails that provides local and regional connectivity and enhances overall community livability.</p> <p>2016 Budget Summary: Staff is recommending a budget and levy of \$25,000 in 2017 to facilitate creek corridor design elements.</p>

<u>Goals/ Outcomes</u>	Improve stream ecology, habitat connectivity, recreation, safety, community connections to Minnehaha Creek.
<u>Schedule</u>	2017 – Project design and public outreach 2018 -2019 Construction

Budget/Levy History

Year	Budget	Tax Revenue	Grants & Other Rev.	Expenditures	Transfer in/out	Carryover	Assigned Funds
2017	\$25,000	\$25,000	\$0	\$25,000	\$0	\$0	\$0

Recommended 2017 Budget and Levy

Budget: \$25,000
Levy: \$25,000

DRAFT

Detailed Budget:

Activity Code	Activity Name	Amount
4010	Wages	
4011	Wages-Overtime	
4018	Salary – Insurance Reimbursement	
4020	Payroll Tax Expense	
4035	Unemployment Reimbursement	
4040	PERA Expense	
4050	Benefits	
4060	Staff Mileage/Expenses	
4065	Staff Training	
4066	Staff Tuition Benefit	
4110	Manager Per Diems	
4120	Manager Expenses	
4125	Manager Computer/Software	
4130	Manager Dues/Subscriptions/Internet	
4210	Office Supplies	
4215	Meeting Expense	
4220	Furniture & Fixtures	
4222	Vehicle Expense	
4230	Printing/Publishing/Postage	
4240	Telecommunications -Cell/internet	
4245	Special Events	
4247	High Water Restoration	
4248	FEMA Expense	
4250	Dues & Subscriptions	
4265	Rentals-Building & Equipment	
4280	Insurance	
4292	Bank/Agency Fees	
4295	Other/Miscellaneous	
4320	Contract Services	\$25,000
4330	Accounting & Auditing	
4340	Engineering/Consulting	
4350	Legal Expense	
4390	CAC Expense	
4520	Monitoring/Lab Analysis/Inventories	
4530	Permit Acquisition	
4540	Property/Easement Acquisition	
4550	Construction	
4565	Property Management - CBRE	
4566	Tenant Relocation - CBRE	
4570	Equipment/Supplies	
4575	Repairs/Maintenance	
4594	Debt Service-Principal	
4595	Debt Service-Interest	
4600	Grants/Awards/Loans - Given by MCWD	
4651	Issuance Cost	
4962	Office Bldg. Maintenance	
4963	Office Building Utilities	
	TOTAL	\$25,000