ADMINISTRATIVE OFFICE 3235 Fernbrook Lane Plymouth, MN 55447 PH: 763.553.1144 email: judie@jass.biz www.elmcreekwatershed.org

July 7, 2021

Representatives Elm Creek Watershed Management Commission Hennepin County, MN The meeting packet for this meeting may be found on the Commission's website: http://www.elmcreekwatershed.org/minutes--meeting-packets.html

Dear Representatives:

A regular meeting of the Elm Creek Watershed Management Commission will be held on **Wednesday**, **July 14, 2021**, at 11:30 a.m. This will be a virtual meeting.

To join the meeting, click https://zoom.us/j/990970201 or go to www.zoom.us and click Join A Meeting. The meeting ID is 990-970-201.

If your computer is not equipped with audio capability, dial into one of these numbers:

+1 929 205 6099 US (New York) +1 312 626 6799 US (Chicago) +1 669 900 6833 US (San Jose) +1 346 248 7799 US (Houston) +1 253 215 8782 US +1 301 715 8592 US

Meetings remain open to the public via the instructions above.

Please email me at judie@jass.biz to confirm whether you or your Alternate will be attending the regular meeting.

Thank you.

Judie A. Anderson Administrator

JAA:tim

Encls: Meeting Packet

Joe Waln James Kujawa Ross Mullen DNR cc: Alternates TAC Members Kris Guentzel Brian Vlach Ed Matthiesen **BWSR Kevin Ellis** Met Council **MPCA** City Clerks Diane Spector

Official Newspaper

 $\hbox{$Z$:$EIm\ Creek\setminusMeetings$ 2021$\oof\ Notice_reg\ meeting.docx} \\$

ADMINISTRATIVE OFFICE 3235 Fernbrook Lane Plymouth, MN 55447 PH: 763.553.1144 email: judie@jass.biz www.elmcreekwatershed.org

Until further notice, all meetings will be held online to reduce the spread of COVID-19. To join this meeting, click https://zoom.us/j/990970201 or go to www.zoom.us and click Join A Meeting. The meeting ID is 990-970-201. The passcode is water. If your computer is not equipped with audio capability, dial into one of these numbers:

+1 929 205 6099 US (New York)	+1 312 626 6799 US (Chicago)	+1 253 215 8782 US
+1 669 900 6833 US (San Jose)	+1 346 248 7799 US (Houston)	+1 301 715 8592 US

AGENDA

Regular Meeting - July 14, 2021

The meeting packet may be found on the Commission's website: http://elmcreekwatershed.org/minutes--meeting-packets.html

- **1.** Call Regular Meeting to Order.
 - a. Approve Agenda.*
- **2.** Consent Agenda.
 - a. Minutes last Meeting.*
 - **b.** Treasurer's Report and Claims.*
- **3.** Open Forum.
- **4.** Action Items.
 - a. Project Reviews. See item 10j below.*
 - **b.** Approve Policy on Cost Share for Equipment and Non-Structural Practices.*
 - **c.** Approve Chloride/Pet Waste funding proposal.*
- **5.** Old Business.
- **6.** New Business.
 - a. PRAP report rescheduled to the August 11, 2021 meeting.
 - b. BWSR Clean Water Fund Grant.*
 - Return to in-person meetings.
- **7.** Communications.
 - a. July Commission Staff Report.*
 - **b.** Hennepin County July Staff Report verbal update.
 - c. Natural Resources Strategic Plan.*
- **8.** Education.
 - a. WMWA update.
 - b. WMWA next meeting is scheduled for 8:30 a.m., August 10, 2021. This will be a **virtual** meeting. https://us02web.zoom.us/j/922390839?pwd=RU95T2ttL3FzQmxHcU9jcFhDdng1QT09. Meeting ID: 922 390 839 | Passcode: water | or dial into one of the numbers above.
- **9.** Grant Opportunities and Updates.

Elm Creek Watershed Management Commission July 14, 2021 Regular Meeting Agenda Page 2

10. Project Reviews.

			I RPFI			
Item No.	Α	E	RP D	AR	Project No.	Project Name
					W Denotes wetland project	
ah.				AR	2014-015	Rogers Drive Extension, Rogers.
ai.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
ak.				AR	2017-014	Laurel Creek, Rogers.
al.				AR	2017-029	Brayburn Trails, Dayton.
a.					2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
b.					2018-020	North 101 Storage, Rogers.
am.				AR	2018-046	Graco, Rogers.
an.				AR	2018-048	Faithbrook Church Phase 2, Dayton.
ao.				AR	2019-002	Parkside Villas, Champlin.
ар.				AR	2019-021	Brenly Meadows, Rogers.
aq.				AR	2019-026	Interstate Power Systems, Rogers.
ar.				AR	2019-027	Havenwood at Maple Grove.
as.				AR	2019-032	OSI Expansion, Medina.
at.				AR	2020-001	Outlot L, Markets at Rush Creek, Maple Grove.
c.			R		2020-002	Project 100 Minnesota Health Village, Maple Grove.
au.				AR	2020-008	Ione Gardens, Dayton.
av.				AR	2020-009	Stetler Barn, Medina.
aw.				AR	2020-017	Meadow View Townhomes, Medina.
ax.				AR	2020-023	Ziegler Dayton Site Upgrades, Dayton.
ay.				AR	2020-025	Paulsen Farms, Corcoran.
az.				AR	2020-027	Kariniemi Addition, Corcoran.
ba.				AR	2020-030	Nelson International, Corcoran.
bb.				AR	2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
bc.				AR	2020-033	Weston Woods, Medina.
bd.				AR	2020-036	Balsam Pointe, Dayton.
be.				AR	2021-007	Birchwood 2nd Addition, Rogers
d.					2021-009	Palisades at Nottingham 3rd Addition, Maple Grove.
e.			R		2021-010	Gleason Field, Maple Grove.
f.					2021-012	The Oaks at Bauer Farms, Champlin.
g.					2021-013	Rush Creek Reserve, Corcoran.
h.			R		2021-014	Elm Creek Stream Restoration Phase IV, Champlin.
i.					2021-015	66th Avenue/Gleason Parkway, Corcoran.
j.	Α	Е			2021-016	Territorial Lofts, Rogers.
k.			R		2021-017	The Park Group Building, Rogers.
l.				AR	2021-018	Tavera Phase 1, Corcoran.
m.			R		2021-019	Kwik Trip Store 1157, Dayton.
n.				AR	2021-020	Crew Carwash, Maple Grove.
0.					2021-021	Territorial Triangle, Dayton.
p.					2021-022	ISD 728 Rogers High School Trail & Batting Cage Improvements

A Action item E = Enclosure provided I = Informational update will be provided at meeting RPFI - removed pending further information R = Will be removed RP= Information will be provided in revised meeting packet..... D = Project is denied AR awaiting recordation

11. Other Business.

Z:\Elm Creek\Meetings\Meetings 2021\07 Regular Meeting Agenda.docx

12. Adjournment.

ADMINISTRATIVE OFFICE 3235 Fernbrook Lane Plymouth, MN 55447 PH: 763.553.1144 | www.elmcreekwatershed.org email: judie@jass.biz

Regular and Public Meeting Minutes June 9, 2021

I. A virtual meeting of the Elm Creek Watershed Management Commission was called to order at 11:33 a.m., Wednesday, June 9, 2021, by Chair Doug Baines.

Commissioners present: Bill Walraven, Champlin; Ken Guenthner, Corcoran; Doug Baines, Dayton; Joe Trainor, Maple Grove; Elizabeth Weir, Medina; and Catherine Cesnik, Plymouth. *Not represented:* Rogers.

Technical Advisory Committee members present: Todd Tuominen, Champlin; Kent Torve, Wenck/Stantec, and Kevin Mattson, Corcoran; Nico Cantarero, Wenck/Stantec, Dayton; Derek Asche and Mark Lahtinen, Maple Grove; Ben Scharenbroich and Amy Riegel, Plymouth; and Andrew Simmons, Rogers. *Not represented*: Medina.

Also present: Ross Mullen, Ed Matthiesen, and Diane Spector, Wenck/Stantec; Joe Waln, Barr Engineering; James Kujawa, Surface Water Solutions; Brian Vlach, Three Rivers Park District (TRPD); Kris Guentzel and Kevin Ellis, Hennepin County Environment and Energy (HCEE); Judie Anderson, Amy Juntunen, and Beverly Love, JASS; and Paul Tabone and Kirsten Thompson, U.S. Home/Lennar, for Project Review 2021-018.

- **A.** Motion by Weir, second by Walraven to approve the **revised agenda.*** *Motion carried unanimously.*
- **B.** Motion by Weir, second by Walraven to approve the **Minutes*** of the May 12, 2021 regular meeting. *Motion carried unanimously*.
- **C.** Motion by Walraven, second by Guenthner to approve the June **Treasurer's Report** and **Claims*** totaling \$14,495.50. *Motion carried unanimously.*

The May 31, 2021, **project review payment/invoicing summary** was included with the Treasurer's Report.

[The regular meeting was suspended at 11:40 a.m. in order to convene a public meeting.]

- **II. Public Meeting Minor Plan Amendment.*** The proposed Third Generation Plan amendment will update the Capital Improvement Program (CIP)* to add two projects, remove four projects, and shift the timing and add specificity to three existing projects. Exhibits* for those projects being considered for levy in 2021 were included in the meeting packet. The Technical Advisory Committee (TAC) reviewed the revisions and supports the minor plan amendment. This amendment does not approve projects for funding, simply approves the revisions to the CIP as presented.
 - **A. Open public meeting.** The public meeting was opened at 11:42 a.m.

RULE D - STORMWATER MANAGEMENT
RULE F - FROSION AND SEDIMENT CONTROL

RULE F – EROSION AND SEDIMENT CONTRO RULE F – FLOODPLAIN ALTERATION RULE G - WETLAND ALTERATION
RULE H — BRIDGE AND CULVERT CROSSINGS
RULE I — BUFFERS

Regular and Public Meeting Minutes – June 10, 2020 Page 2

- **1. Comments received.** Through June 9, 2021, comments have been received from Metropolitan Council and the Board of Water and Soil Resources. Both indicated they have no comments. Neither the other reviewing agencies, the member cities, nor the public provided comments.
 - **2. Comments from the public.** No one was present from the general public.
 - **3.** The **public meeting was closed** at 11:43 a.m.

B. Commission Discussion.

Motion by Weir, second by Walraven to adopt **Resolution 2021-03 Adopting a Minor Plan Amendment*** and to set the **2021 maximum levy** at \$291,638. *Motion carried unanimously.*

[The regular meeting was reconvened at 11:44 a.m.]

- III. Open Forum.
- IV. Action Items.
- **A.** Motion by Walraven, second by Weir to accept the **2020 Annual Audit.*** *Motion carried unanimously.* The audit was prepared by Johnson and Company, Ltd. and will be submitted to the State Auditor as prescribed by Statute by June 30, 2021.
- **B.** The members reviewed a revised **proposed 2022 Operating Budget*** which replaces the proposed budget presented at the May meeting. It shows proposed total expenses of \$931,403 and projected revenue of \$925,313, resulting in a deficit of \$6,092. Member assessments total \$242,000. Also included in the packet were **proposed member assessment options*** for 2022. It shows member assessments of \$237,000 (no increase from last year), \$242,000 (1.950% increase), and \$248,092 (4.550% increase). **Staff's memo dated May 5, 2021,*** details the line items of the proposed budget.

Member discussed individual line items on the budget. In her June 2, 2021, memo,* Spector provided some background information on the **Grant Writing** line item. She showed that two neighboring watershed organizations have been particularly successful in utilizing this budget line to secure grants - 1-2 grants/year for the past ten years (over \$3.4 million). Within the 2022 budget, funding for grant writing could be taken from both the Grant Writing and the Technical Support line items.

Treasurer Guenthner noted that the Commission currently holds nearly \$249,000 in unrestricted/unassigned funds so, were a deficit budget to be approved, the deficit could be taken from cash reserves.

Motion by Walraven, second by Weir to approve the proposed 2022 operating budget with a total of \$237,300 as assessments to the members. *Motion carried unanimously*. The budget will be transmitted to the member cities by the June 30, 2021, deadline.

C. Project Reviews.

1. 2021-013 Rush Creek Reserve, Corcoran.* This is a 91-acre site located along the north side of CR10, across from the Corcoran Community Park. The applicant is proposing to create a residential sub-division including 66 townhomes and 177 single-family units with 24.2 acres of new impervious area. The existing area is agricultural with 58 acres of cropland and 33 acres of wetlands/wooded areas. The applicant is working through revisions requested by Staff. Staff findings dated June 4, 2021, were included in the meeting packet. No action is required at this time.

Regular and Public Meeting Minutes – June 10, 2020 Page 3

- 2. 2021-015 66th Avenue/Gleason Parkway, Corcoran.* Reconstruction of 66th Avenue from a two-lane gravel road into a two-lane paved road with trails on either side. Turn lanes will be added to CR 116 at the intersection with 66th Avenue. This corridor work between Gleason Parkway and CR116. will increase accessibility between CR101 and CR116 into the Ravinia and future Tavera developments. In their findings dated June 1, 2021, Staff recommends approval with the following conditions. (a) no wetland impacts can occur prior to meeting MN WCA, LGU and Commission requirements and (b) payment or refund of outstanding review fees. Motion by Weir, second by Walraven to approve this project per Staff's recommendations. *Motion carried unanimously*.
- Road (62nd Avenue N) and west of County Road 116. The full residential development would construct 548-units. Phase I of the project will construct 248 units, 114 of those being single-family detached lots and 134 attached townhouse units. Phase I would disturb 85 acres and create approximately 28 acres of new or reconstructed impervious area. Stormwater would be managed by a combination of iron enhanced sand filtration, stormwater reuse, larger than required wetland buffers, and disconnected impervious surfaces. The project was reviewed for Rules D, E, F, and I. Staff administratively approved grading for the project in May contingent upon the applicant addressing any future comments necessary to obtain approval from the Commission. In their findings dated June 1, 2021, Staff recommends approval contingent upon (a) receipt of a recorded operations and maintenance agreement and (b) payment or refund of outstanding review fees. Motion by Weir, second by Walraven to approve this project with these two conditions as specified in Staff findings dated May 5, 2021. *Motion carried unanimously*. Torve spoke to the City's continuing efforts to reach the nutrient goals of the Watershedwide TMDL when working with developers on projects within Corcoran.
- 4. 2021-019 Kwik Trip, Dayton.* This project is located in the northeast corner of County Roads 81 and 113. The applicant is proposing to subdivide this 8.2-acre parcel into one 2-acre lot, three outlots (4.3 acres), and a street (1.8 acres) entering from CR81. An existing regional storm pond is on the east property line. The project will remove the existing store/gas station and its access roads, create a new access road, and construct the Kwik Trip station on the easterly-most two acres of the site. Existing stormwater ponds will be utilized for stormwater management. This work will disturb 8.3 acres The site design for the Kwik Trip project, the new street, and the future impervious areas for the proposed outlots meet the design criteria the regional pond was approved for by the Commission in project 2017-022. In Staff's May 13, 2021, findings, erosion and sediment controls were administratively approved by technical staff. No other actions are necessary on this project. It will be removed from the Staff Report pending payment or refund of outstanding review fees.
- bank building and parking lot on a 1.80-acre parcel into a carwash. The site is located southwest of the intersection of Weaver Lake Road and Elm Creek Boulevard with access from Grove Drive. The disturbance is 1.52 acres, the existing impervious is 1.07 acres, and the proposed impervious is 1.17 acres. Runoff from this site flows into a regional pond on Arbor Lakes Parkway, which ultimately discharges to Rice Lake. The City has stated that the regional pond meets rate control and water quality treatment for the site. The applicant is proposing to use soil amendments to meet the Commission's volume rules. In their findings dated June 2, 2021, Staff recommends approval contingent upon (a) payment or refund of any outstanding project review fees and (b) a stormwater maintenance agreement between the owner and the City being filed with the Commission. Motion by Weir, second by Walraven to approve this project with these conditions. *Motion carried unanimously*

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H – BRIDGE AND CULVERT CROSSINGS
RULE I – BUFFERS

Regular Meeting Minutes – June 9, 2021 Page 4

D. Third Party HUC8 Review. Member cities have noted significant differences between the flood elevations in their community hydrologic and hydraulic (XPSMWM) models and those included in the Elm Creek Floodplain Modeling and Mapping HUC-8 study. Wenck/Stantec was authorized to do a third-party review of the information gathered for the MNDNR Floodplain Modeling and Mapping grant.

Wenck/Stantec drafted a summary table that compares the approximately 80 hydraulic structures modeled in the HUC-8 study based on assumptions with information aggregated from utility datasets and the State Aid Bridge Information Tool (developed by MNDOT to assist local State Aid agencies by displaying bridge [and culvert] information on an internet-based map). Wenck/Stantec staff have contacted members of the TAC to request available information about the remaining hydraulic structures and will issue a report after the MNDNR has scheduled the Flood Risk Review Meeting to provide cities as much time as possible to respond to the data request.

- **E.** Motion by Weir, second by Walraven to approve the Intergovernmental Agreement between the Commission and Metropolitan Council for **2021 CAMP** (Citizen Assisted Monitoring Program) participation. The agreement is in the amount of \$760 for bi-weekly monitoring of French Lake. *Motion carried unanimously*. Trainor is serving as the CAMP volunteer.
- V. Old Business.
- VI. New Business.
- VII. Communications.
- **A. Staff Report.*** Staff reports provide updates on the development projects currently under review by Staff or awaiting final recordations. The projects listed in the table beginning on page 7 of these minutes are discussed in this month's report.

B. Hennepin County Updates.*

- 1. Diamond Lake subwatershed assessment (SWA). County staff completed field work on May 4 to ground truth BMP information created by Wenck/Stantec staff. They verified the placement and conceptual design of identified opportunities and made notes regarding other general conservation opportunities Wenck/Stantec staff can reference in the report. County staff have digitized information gathered during field work and provided it to Wenck/Stantec.
- 2. Rush Creek Clean Water Fund Implementation Grant. The grant end-date is currently December 31, 2021. County staff discussed a one-year grant extension with BWSR Board Conservationist Steve Christopher and were advised to request an extension once contracting has been completed for Phase I Jubert Lake projects. The contract is currently out for landowner signature and the County will initiate an extension request as soon as it is fully executed.
- a. The County would like to explore the idea of using grant funds to incentivize **replacement of pre-1990 septics** (identified as a source of bacterial pollution in the SWA, but not previously planned to be a focus of the grant implementation), particularly those that pose an imminent threat to public health systems. County staff will engage BWSR on the eligibility for use of grant funds for this purpose and are interested in understanding the Commission's level of comfort in cost-sharing.
- **b. Jubert Lake Agricultural BMPs.** These projects are on multiple parcels west of Jubert Lake. Design and implementation are being funded through a funding partnership with the Commission, Hennepin County, the State of MN (Rush Creek CWF grant), and the parcel landowners.

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL
RULE F — FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H – BRIDGE AND CULVERT CROSSINGS
RULE I – BUFFERS

Regular Meeting Minutes – June 9, 2021 Page 5

- 1) "Top of Hill WASCOB+Waterway." Construction staking has occurred and Staff expect to break ground and begin project construction as early as this week, as weather allows.
- "Phase 1" projects (7 grassed waterways, 1 wetland expansion, 1 creek stabilization). Contract is with the landowner to sign. Wetland permitting and design on phase 2 projects comes next (to allow wetland permitting of all planned work at once). Construction on these projects is anticipated to occur in late 2021 and early 2022.
- c. 10000 Ebert Road. Staff are working on developing a conceptual design with the landowner that meets program and landowner needs. Design will likely include some combination of prairie and mesic forest restorations in upland areas and buffers, waterways, and wetland restorations in lowland areas.
- **d. 9825 Sundance Road.** Landowner has a failing septic identified in the subwatershed assessment as a pre-1990 septic system. County will work with landowner to administer a low-interest loan through the AgBMP Loan Program.
- e. 21000 Block of CR 117. The landowner reached out with concerns about a regional drain tile that runs from the properties on the north side of CR 117 through the proposed Rains Property wetland banking project. Staff are working with the landowner to address the issue.
- f. 25880 Territorial Road, Rogers. Landowner requested information about low interest loan options for replacement of a failing septic system. Staff recommend working through the AgBMP Loan process to access low interest financing. The landowner is seeking quotes and researching options with participating banks.
- g. 14100 117 Avenue N., Dayton. Landowner requested information about technical and financial assistance available to add pollinator habitat to about 4 acres of former pastureland. Staff have assisted landowner to identify several locations for "pollinator nodes" in a dense stand of warm season grasses. Areas will be prepared for forb seed with two sprays and some mowing June through September 2021. USFWS Partners for Fish and Wildlife Program will provide seed to be sowed over snow during the winter of 2021/2022.
- h. 27015 123rd Avenue N, Rogers. Landowner requested information regarding financial assistance to implement BMPs to protect water quality of a nearby pond through the Rush Creek Subwatershed grant. Landowner was concerned about runoff from sloped horse paddock and possible nutrient and bacterial contamination. A manure pad, barn gutters, and trench drain have previously been installed on the site. Staff will consider the request along with other applications for funding this summer.
- i. Refuge at Rush Creek Wetland Bank. Neighbors contacted staff regarding City of Corcoran's public notice for a Drainage and Utility Easement Vacation. Staff referred questions to the city's wetland consultant.
- **3.** Agricultural Soil Health Initiative. Staff sent a follow-up mailer in May to all those who received the original mailers. Soil health programming will follow in late summer/fall to coincide with cover crop planting and in advance of planning for the 2022 growing season.
- **4. Grants for planting trees.** *Framing Hennepin County* has grants available to cities, affordable housing properties, schools, and non-profit organizations to enhance the county's tree canopy. The goals of the program are to combat threats to trees from invasive insects and disease by funding tree

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL

RULE H — BRIDGE AND CULVERT CROSSINGS
RULE I — BUFFERS

RULE G - WETLAND ALTERATION

Rule F – Floodplain Alteration

Regular Meeting Minutes – June 9, 2021 Page 6

planting, educate the public on tree care and the importance of trees, and increase the diversity and resiliency of the tree canopy. The types of grants available vary by organization. Information on the program and the grants available can be found on the Hennepin County website. Applications are due by 3pm on Thursday, June 10.

5. Grants for deconstruction to salvage building materials. Funding is available for building projects that use deconstruction techniques instead of standard demolition to remove materials during the destruction, alteration, or renovation of a building. In a deconstruction project, a building is taken apart mostly by hand, and materials are sorted into categories for efficient recycling and reuse. Property owners and developers can receive up to \$5,000 to help offset the additional time and labor costs associated with deconstruction. Grants are available for demolition or renovation projects on residential properties up to 4 units that are 500 square feet or larger on structures built prior to 1970. Learn more and apply at https://www.hennepin.us/deconstruction.

VIII. Education and Public Outreach.

A. At recent meetings of the **West Metro Water Alliance** (WMWA) members have been concentrating on education and outreach items in the new NPDES General Permit, focusing on chloride and pet waste. WMWA subgroups reviewed existing materials relating to chloride and bacteria to determine if they meet the new requirements or could be revised to do so, and to identify any needs for additional materials. The subcommittees are completing this assessment to determine additional needs and required resources (e.g., design assistance, fabrication, printing) as well as a plan for disseminating the materials.

It is anticipated this work can be completed using the WMWA Special Projects budget, which had a balance of \$10,700 at the end of 2020. The agreement between the four WMOs in WMWA (Bassett Creek, Elm Creek, Shingle Creek and West Mississippi) requires that Special Projects be approved by the four WMOs before expenditures can be made. It is intended that the assessment will be available for consideration at the July meetings of the WMOs. The goal is to have all the work completed by the end of 2021.

- **B.** Sharon Meister, **Watershed PREP** educator has retired. WMWA is seeking to hire an educator and to begin preparing for in-person classes in the fall.
- C. The July meeting, a virtual meeting, is scheduled for 8:30 a.m., Tuesday, July 13, 2021. The Zoom number is https://us02web.zoom.us/j/922390839. Or call in at any of these numbers using meeting ID: 922 390 839: (1) +1 301 715 8592 US (Germantown); (2) +1 312 626 6799 US (Chicago); (3) +1 929 205 6099 US (New York); or (4) +1 253 215 8782 US (Tacoma). The passcode is water.

IX. Grant Opportunities and Project Updates.

X. Adjournment. There being no further business, motion by Walraven, second by Weir to adjourn. *Motion carried unanimously.* The meeting was adjourned at 1:03 p.m.

Respectfully submitted,

Judie A.Anderson Recording Secretary

JAA:tim

Z:\Elm Creek\Meetings\Meetings 2021\June 9, 2021 regular and public meeting minutes.docx

RULE D - STORMWATER MANAGEMENT
RULE E - EROSION AND SEDIMENT CONTROL
RULE F — FLOODPLAIN ALTERATION

RULE H — BRIDGE AND CULVERT CROSSINGS
RULE I — BUFFERS

RULE G - WETLAND ALTERATION

*indicates enclosure

Regular Meeting Minutes – June 9, 2021 Page 7

			I RPFI			
Item No.	Α	E	RP DD	AR	Project No.	Project Name
					W=wetland	
ah.				AR	2014-015	Rogers Drive Extension, Rogers.
ai.				AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.				AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
ak.				AR	2017-014	Laurel Creek, Rogers.
al.				AR	2017-029	Brayburn Trails, Dayton.
a.					2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
b.					2018-020	North 101 Storage, Rogers.
am.				AR	2018-046	Graco, Rogers.
an.				AR	2018-048	Faithbrook Church Phase 2, Dayton.
ao.				AR	2019-002	Parkside Villas, Champlin.
ap.				AR	2019-021	Brenly Meadows, Rogers.
aq.				AR	2019-026	Interstate Power Systems, Rogers.
ar.				AR	2019-027	Havenwood at Maple Grove.
as.				AR	2019-032	OSI Expansion, Medina.
at.				AR	2020-001	Outlot L, Markets at Rush Creek, Maple Grove.
C.					2020-002	Project 100 Minnesota Health Village, Maple Grove.
au.				AR	2020-008	Ione Gardens, Dayton.
av.				AR	2020-009	Stetler Barn, Medina.
aw.				AR	2020-017	Meadow View Townhomes, Medina.
ax.				AR	2020-023	Ziegler Dayton Site Upgrades, Dayton.
ay.				AR	2020-025	Paulsen Farms, Corcoran.
az.				AR	2020-027	Kariniemi Addition, Corcoran.
ba.				AR	2020-030	Nelson International, Corcoran.
bb.				AR	2020-032	Enclave Rogers - Commerce Boulevard, Rogers.
bc.				AR	2020-033	Weston Woods, Medina.
bd.				AR	2020-036	Balsam Pointe, Dayton.
be.				AR	2021-002	Skye Meadows Variance, Rogers.
bf.				AR	2021-007	Birchwood 2nd Addition, Rogers
d.					2021-009	Palisades at Nottingham 3rd Addition, Maple Grove.
e.					2021-010	Gleason Field, Maple Grove.
f.					2021-012	The Oaks at Bauer Farms, Champlin.
g.					2021-013	Rush Creek Reserve, Corcoran.
h.					2021-014	Elm Creek Stream Restoration Phase IV, Champlin.
i.					2021-015	66th Avenue/Gleason Parkway, Corcoran.
j.					2021-016	Territorial Lofts, Rogers.
k.					2021-017	The Park Group Building, Rogers.
l.					2021-018	Tavera Phase 1, Corcoran.
m.					2021-019	Kwik Trip Store 1157, Dayton.
n.					2021-020	Crew Carwash, Maple Grove.
0.					2021-021	Territorial Triangle, Dayton.

RULE D - STORMWATER MANAGEMENT RULE E - EROSION AND SEDIMENT CONTROL RULE F — FLOODPLAIN ALTERATION Rule G - Wetland Alteration Rule H - Bridge and Culvert Crossings Rule I - Buffers

11

Elm Creek Watershed Management Commission Treasurer's Report

		2021 Budget	June 2021	July 2021	2021 Budget YTD
EXPENSES					
Administrative		95,000	7,787.38	8,746.96	52,950.63
Grant Writing		650			0.00
Website		2,000	27.95	16.25	238.00
Legal		2,000		31.00	736.25
Audit		5,000			0.00
Insurance		3,800			3,800.00
Miscellaneous/Contingency		1,000			0.00
Technical Support - HCEE		12,000			0.00
Floodplain Mapping		,,,,,,			23,488.00
Project Review Technical		185,000	4,122.50	14,406.25	55,765.25
Other Technical		.00,000	878.00	14,905.75	28,358.25
Project Reviews - Admin Supp	ort	12,000	850.77	1,480.21	12,297.58
WCA - Admin		12,000	000.11	1,100.21	340.60
Stream Monitoring USGS		24,000			0.00
Stream Monitoring TRPD		7,200			0.00
DO Longitudinal Survey		1,000			0.00
Rain Gauge		400	31.75	34.34	180.54
Lakes Monitoring - CAMP		760	31.73	34.34	0.00
Lakes Monitoring - TRPD		700			0.00
Sentinel Lakes		9 100			
		8,100			0.00
Additional Lake		2,500			0.00
Aquatic Vegetation Surveys		1,100			0.00
Wetland Monitoring (WHEP)		4,000			0.00
Education		2,500		542.50	766.01
WMWA General Activities	ahad Duan	5,000			0.00
WMWA Implementation/Water	-	6,500 3,000			0.00
Rain Garden Wkshops/Intensive B Education Grants	MPS/Special Proje	1,000			0.00
Macroinvertebrate Monitoring-F	Pivor Watch	3,000			0.00
Projects ineligible for ad valore		3,000			0.00
Studies / Project ID / SWA	111	0		32.86	1,063.17
Plan Amendment		2,000	626.65	15.01	641.66
Contribution to 4th Gen Plan		10,000	320.00	10.01	0.00
Transfer to (from) Capital Proje	ects (see CIP Tr				128,781.77
Transfer to (from) Cash Suretie		ŕ	170.50	-	1,003.00
Transfer to (from) Grants (see		125,000	-	-	0.00
To Fund Balance					0.00
TOTAL - Month			14,495.50	40,211.13	310,410.71
TOTAL Paid in 2021, incl late 202	20 Expenses	700,510.00	372,010.54	412,221.67	2021 Paid

Elm Creek Watershed Management Commission Treasurer's Report

		2021 Budget	June 2021	July 2021	2021 Budget YTD
INCOME					
From Fund Balance					
Project Review Fee		100,000	13,623.90		90,323.90
Refund Project Fee		•	(1,021.50)		(1,021.50)
Water Monitoring - TRPD Co-c	p Agmt	5,500			0.00
Member Dues		237,300			237,300.00
Interest/Dividends Earned		15,250	11.94		102.45
Transfer to (from) Capital Proje	ects (see CIP Tr				0.00
Transfer to (from) Cash Suretie	•	,			0.00
Transfer to (from) Grants (see		100,000	48,693.00	_	189,691.00
Misc Income			10,000.00		0.00
Total - Month			61,307.34	0.00	516,395.85
TOTAL Rec'd 2021, incl late 2020) Income	643,638.00	543,383.67	543,383.67	2021 Received
CASH SUMMARY		Balance Fwd	040,000.01	040,000.07	
Checking		0.00			
4M Fund		1,307,408.90	1,478,782.03	1,438,570.90	
Cash on Hand		1,507,400.90	1,478,782.03	1,438,570.90	
CASH SURETIES		Balance Fwd	1,470,702.03	1,430,370.30	Activity 2021
WCA Administrative Escrows		338			0.00
WCA Monitoring Escrows		8,770	(170.50)		-1,003.00
Total Cash Sureties		9,108	8,104.77	8,104.77	1,000.00
Deferred Revenue - 2019 WBI	F Grant	67,243	0,101.11	0,101.11	
Total Restricted Cash		76,351	77,353.77	77,353.77	
RESTRICTED / ASSIGNED FU	JNDS	Balance Fwd	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Restricted for CIPs		729,149	-	-	600,367.08
Enc. Studies / Project Identifica	ation / SWA	187,134	-	(32.86)	186,070.91
Total Restricted / Assigned F	unds	916,283	786,470.85	786,437.99	
Claims Presented		General Ledger Account No	June	July	TOTAL
		Account No	June	_	
Campbell Knutson - Legal		Account No 521000	June	31.00	31.00
Campbell Knutson - Legal Connexus - Rain Gauge		Account No	June	_	31.00 34.34
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering		Account No 521000 551100	June	31.00 34.34	31.00 34.34
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical		Account No 521000 551100 578050	June	31.00 34.34 907.00	31.00 34.34
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical	hip 2021	Account No 521000 551100 578050 578050	June	31.00 34.34 907.00 322.00	31.00 34.34 1,229.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members	ship 2021	Account No 521000 551100 578050	June	31.00 34.34 907.00	31.00 34.34 1,229.00 500.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck)	ship 2021	Account No 521000 551100 578050 578050 590000	June	31.00 34.34 907.00 322.00 500.00	31.00 34.34 1,229.00 500.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical	ship 2021	Account No 521000 551100 578050 578050 590000 578050	June	31.00 34.34 907.00 322.00 500.00	31.00 34.34 1,229.00 500.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical	ship 2021	Account No 521000 551100 578050 578050 590000	June	31.00 34.34 907.00 322.00 500.00	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS	ship 2021	Account No 521000 551100 578050 578050 590000 578050 578050	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical	ship 2021	Account No 521000 551100 578050 578050 590000 578050	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS	ship 2021	Account No 521000 551100 578050 578050 590000 578050 578050	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration	ship 2021	Account No 521000 551100 578050 578050 590000 578050 578050 578050	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support	ship 2021	Account No 521000 551100 578050 578050 590000 578050 578050 578050 511000 511000	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners - Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support Website	ship 2021	Account No 521000 551100 578050 578050 590000 578050 578050 511000 511000 581000	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71 16.25	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support Website Project Reviews	ship 2021	521000 521000 551100 578050 578050 590000 578050 578050 511000 511000 581000 578100 541500	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71 16.25 1,480.21 15.01	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support Website Project Reviews Plan Amendment Education	ship 2021	521000 521000 551100 578050 578050 590000 578050 578050 511000 511000 581000 578100 541500 590000	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71 16.25 1,480.21 15.01 42.50	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support Website Project Reviews Plan Amendment	ship 2021	521000 521000 551100 578050 578050 590000 578050 578050 511000 511000 581000 578100 541500	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71 16.25 1,480.21 15.01	31.00 34.34 1,229.00 500.00 28,083.00
Campbell Knutson - Legal Connexus - Rain Gauge Barr Engineering Project Review Technical Other Technical Watershed Partners -Members Stantec (formerly Wenck) Project Review Technical Other Technical JASS Administration TAC Support Website Project Reviews Plan Amendment Education CIPs General	ship 2021	521000 521000 551100 578050 578050 590000 578050 578050 511000 511000 511000 581000 578100 541500 590000 563001	June	31.00 34.34 907.00 322.00 500.00 13,499.25 14,583.75 8,050.25 696.71 16.25 1,480.21 15.01 42.50	TOTAL 31.00 34.34 1,229.00 500.00 28,083.00 10,333.79

Elm Creek Watershed Management Commission Treasurer's Report

		June 2021	July 2021	2021 Budget YTD
GRANTS				
2018 DNR Floodplain	Modeling & Mapping			
Revenue		48,693.00		48,693.00
Expense				-
Balance		48,693.00	-	48,693.00
2019 BWSR Watersh	ed Based Funding			
Revenue				-
Expense				-
Balance		-	-	-
2021 BWSR Watersh	ed Based Funding			
Revenue				140,998.00
Expense				-
Balance		-	-	140,998.00
TOTAL GRANTS				
Revenue		48,693.00	-	189,691.00
Expense		-	-	-
Balance		48,693.00	-	189,691.00

CAMPBELL KNUTSON
Professional Association
Attorneys at Law
Federal Tax I.D. #41-1562130
Grand Oak Office Center I
860 Blue Gentian Road, Suite 290
Eagan, Minnesota 55121
(651) 452-5000

Elm Creek Watershed Management Commission c/o Judie A. Anderson, Exec. Secty. 3235 Fernbrook Lane Plymouth MN 55447

Page: 1 May 31, 2021 Account # 1448G

SUMMARY STATEMENT

PREVIOUS BALANCE	FEES	EXPENSES	CREDITS	PAYMENTS	BALANCE
1448-0000 RE: GENEF					
SER'	√ICES RENDER	RED TO DATE:			
2,309.50	31.00	0.00	0.00	-2,309.50	\$31.00

CAMPBELL KNUTSON Professional Association Attorneys at Law Federal Tax I.D. #41-1562130 Grand Oak Office Center I 860 Blue Gentian Road, Suite 290 Eagan, Minnesota 55121 (651) 452-5000

Elm Creek Watershed Management Commission c/o Judie A. Anderson, Exec. Secty. 3235 Fernbrook Lane
Plymouth MN 55447

Page: 1 May 31, 2021 Account # 1448-0000G

RE: GENERAL MATTERS SERVICES RENDERED TO DATE:

05/07/2021	JJJ	Emails Judie, review agenda and project status reports. AMOUNT DUE	HOURS 0.20 0.20	31.00 31.00
		TOTAL CURRENT WORK		31.00
		PREVIOUS BALANCE		\$2,309.50
04/22/2021 05/20/2021		Payment - thank you Payment - thank you		-868.00 -1,441.50
		TOTAL PAYMENTS ON ACCOUNT		-2,309.50
		TOTAL AMOUNT DUE		\$31.00

\$34.34



Account Number: 481113-238425

ELM CREEK WATERSHED MGMT ORG

Monthly Statement

Service Address ELM CREEK RD DAYTON MN

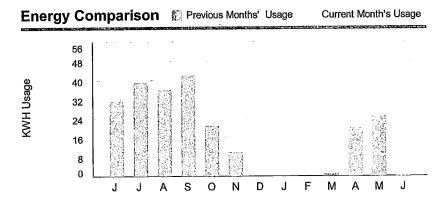
Billing Summary	Billing Date: Jun 17, 2021
Previous Balance	\$31.75
Payments - Thank You!	\$31.75
Balance Forward	\$0.00
New Charges	\$34.34
•	

Total Amount Due Due Date
\$34.34 July 13, 2021

Message Center

Total Amount Due

Payment must be received on or before July 13, 2021



Andrews Andrews (Control of Control of Contr

How to contact us

Member Services / Moving - 763-323-2650
Outages and Emergencies - 763-323-2660
Hearing/Speech Impaired Call - 711 or 800-627-3529
Email: info@connexusenergy.com
www.connexusenergy.com
Gopher State One Call - 811
14601 Ramsey Boulevard, Ramsey, MN 55303

▼ Please detach at perforation and return this portion with a check or money order made payable to Connexus Energy ▼

TRA3-D-007210/006702 AGZPDB S1-ET-M1-C00002

CONNEXUS® ENERGY

Your Community Energy Partner

Account Number:

481113-238425

Total Amount Due

\$34.34

Payment Due By

July 13, 2021

- դերդիերներերերիինիրիիիիիինիկորդներ

007210 1 AB 0.425 003211/007210/006702 024 02 AGZPDB ELM CREEK WATERSHED MGMT ORG 3235 FERNBROOK LN N PLYMOUTH MN 55447-5325



Connexus Energy PO Box 1808 Minneapolis, MN 55480-1808



METRO WATERSHED PARTNERS



INVOICE

Attention: Amy Juntunen

Elm Creek WMC

3235 Fernbrook Lane N.

651-523-2812

Plymouth, MN 55447

ilarson25@hamline.edu

Date: 6/23/21

Metro Watershed Partners

Project Title: Clean Water Minnesota

Terms: 30 Days

Hamline University 1536 Hewitt Ave. MS-A1760 Saint Paul, MN 55104

Description	Cost
2021 Membership: Clean Water MN and Adopt-a-Drain	\$500.00
TOTAL	\$500.00

Benefits of membership

- You and your colleagues are invited to attend our monthly meetings, to network and share information with other watershed education professionals, and to hear monthly speakers on topics relevant to our work, The Watershed Partners meet on the second Wednesday of the month from 9 – 11am. Right now all meeting are held on Zoom.
- You and your colleagues are invited to be added to our listserv on Mobilize, where you can receive meeting notifications and partner updates, and send messages to, and receive announcements from, other partners. If you would like to be added to Mobilize, please email Jana Larson (ilarson25@hamline.edu) and request to be added.
- Your organization will be listed as a supporting partner on cleanwatermn.org/about-us
- Your organization will be listed as a supporting partner on adopt-a-drain.org whenever someone clicks on a drain in your service area, and on email communication to adopters in your area.
- You will have access to an administrative portal on Adopt-a-Drain.org that allows you to access data about drains and program participants in your area.
- You will receive an annual report that includes summary data about drains and program participants in
- You are able to access modifiable print resources to promote Adopt-a-Drain to residents in your area here: https://www.cleanwatermn.org/resources-for-partners/ Please follow the style guide when modifying these resources. (This is password protected.)
- Portable educational exhibits are available for checkout. Find more information at: https:// www.cleanwatermn.org/resources-for-partners/
- For an additional fee, participants in your area can receive yard signs and a printed "welcome kit" in the mail. Please contact Jana Larson for more information.

Duration of service: January 1 - December 31st, 2021. Unspent funds will rollover to support program activities in 2022.



INVOICE

Barr Engineering Co. 4300 MarketPointe Drive, Suite 200 Minneapolis, MN 55435

Phone: 952-832-2600; Fax: 952-832-2601

FEIN #: 41-0905995 Inc: 1966

Ms. Judie Anderson Elm Creek Watershed Management Commission JASS-Watershed Administrators 3235 Fernbrook Lane Plymouth, MN 55447 June 30, 2021

Invoice No:

23270F55.21 - 6

Total this Invoice

\$1,229.00

Regarding: Review of development permits for compliance with the Elm Creek Watershed Management Plan

This invoice is for professional services for the above project, which include the following:

Job 100 - Technical Services

- Meetings
 - o preparing for WMC meeting
 - o attending WMC meeting
 - o updating staff report
- Pre-Project Review
 - o none
- General administrative tasks
 - o responding to general coordination emails and phone calls
 - o invoicing and budget tracking

Job 200 – Other Assistance

none

Job 300 - Project Reviews

- Reviewing the following projects for compliance with Commission rules:
 - o 2021-018 Tavera, Corcoran
 - o 2021-022 Rogers HS Trail & Batting Cage
- Coordinating and reviewing post approval submittals
 - o none

Professional Services from May 22, 2021 to June 25, 2021

Job:	100	Technical Services			<u>. </u>	
Task:	010	Meetings				
Labor Charg	jes					
			Hours	Rate	Amount	
Enginee	r / Scientist / Spec	ialist IV				
_	n, Joseph		1.00	160.00	160.00	
	•		1.00		160.00	
	Subtota	al Labor				160.00
				Task S	ubtotal	\$160.00

			19			
Project	23270F55.21	Elm Creek WMC 2	.021		Invo	oice 6
Гask:	040	General				
abor Charg						
			Hours	Rate	Amount	
Enginee	r / Scientist / Specia	list IV				
	n, Joseph		.70	160.00	112.00	
	Personnel II		50	100.00	50.00	
Nyp	an, Nyssa		.50 1.20	100.00	162.00	
	Subtotal	Lahor	1,20		102.00	162.00
	Subtotal	Labor		T . I. C	1.4.4.1	\$162.00
				Task Su	ptotai	\$102,00
				Job Su	btotal	\$322.00
Job:	300	Project Reviews				
Task:	2118	2021-018 Tavera				
Labor Charg	jes		Hours	Rate	Amount	
Enginee	r / Scientist / Specia	alist IV				
Wal	ln, Joseph		4.10	160.00	656.00	
			4.10		656.00	CEC 00
	Subtotal	Labor				656.00
				Task Su	ıbtotal	\$656.00
Task:	2122	2021-022 Rogers H	S Trail and Batting	Cage		···
Labor Charg	ges		Hours	Rate	Amount	
Enginos	er / Scientist / Specia	aliet IV	Hours	Kate	Amount	
-	In, Joseph	alist IV	.50	160.00	80.00	
	er / Scientist / Specia	alist II				
	wn, Aaron		1.80	95.00	171.00	
			2.30		251.00	
	Subtota	l Labor				251.00
				Task St	ubtotal	\$251.00
				Job Si	ubtotal	\$907.00
				Total this	Invoice	\$1,229.00
		Current	Prior	Total	Received	A/R Balance
		Cullent	1 1101	, 5(4)	54,811.50	1,229.00

Thank you in advance for the prompt processing of this invoice. If you have any questions, please contact Joe Waln, your Barr project manager at 952.832.2984 or email at jwaln@barr.com.



INVOICE

Page 1 of 3

Invoice Number Invoice Date Purchase Order Customer Number Project Number 1795775 June 7, 2021 --167501

227702779

4,840.00

Bill To

Elm Creek Watershed Management Commission Accounts Payable 3235 Fernbrook Lane Plymouth MN 55447

Please Remit To

Stantec Consulting Services Inc. (SCSI) 13980 Collections Center Drive Chicago IL 60693 United States

26.25

Project	Elm Creek Wa	tershed 2021 Te	echnical Services				
•	Project Manager Current Invoice Total (USD)		Spector, Diane F 17,202.25	Spector, Diane F Contract Upset			181,148.00 19,369.00 May 28, 2021
Email in	voices to Judie .	Anderson (judie	e@jass.biz)			·	
Top Tas	s k	100	Pre-Project Reviews and	d Inquiries			
Low Tasi		100	Pre-Project Reviews and Ir	nquiries			
	onal Services				Current Hours	Rate	Current Amount
Calego	ry/Employee		Mullen, Ross S		2.25	165.00	371.25
			Matthiesen, Edw	ard Armin (Ed)	5.00	205.00	1,025.00
			Subtotal Profession	onal Services	7.25		1,396.25

Low Task Subtotal	Pre-Project F	Reviews and Inquiries			1,396.25
Top Task Subtotal	Pre-Project R	Reviews and Inquiries			1,396.25
Top Task	300	Meetings			
Low Task	300	Meetings			
Professional Services	i		Current		Current
Category/Employee	•		Hours	Rate	Amount
g,,,		Mullen, Ross S	13.25	165.00	2,186.25
		Spector, Diane F	2.25	200.00	450.00
		Matthiesen, Edward Armin (Ed)	10.75	205.00	2,203.75

Low Task Subtotal	Meetings	4,840.00
Top Task Subtotal	Meetings	4,840.00

Subtotal Professional Services

Top Task	500	Project Review
Low Task	500.012	The Oaks at Bauer Farm
<u>Professional Services</u>		



Category/Employee

IN

8,032.25

INVOICE			Page 2 of 3
Invoice Number			1795775
Invoice Date			June 7, 2021
Purchase Order			
Customer Number			167501
Project Number			227702779
	Current Hours	Rate	Current Amount
Wilkinson, Anne A	1.50	141.00	211.50
Mullen, Ross S	8.75	165.00	1,443.75
Matthiesen, Edward Armin (Ed)	0.50	205.00	102.50
Subtotal Professional Services	10.75	_	1,757.75
			1,757.75

Low Task Subtotal	ine Oaks at Bo	aver rarm			1,707.70
Low Task	500.016	Territorial Lofts			
<u>Professional Services</u>			Current	PJ.	Current
Category/Employee			Hours	Rate	Amount
•		Wilkinson, Anne A	5.75	141.00	810.75
		Mullen, Ross S	8.50	165.00	1,402.50
		Subtotal Professional Services	14.25	_	2,213.25

Low Task Subtotal	Territorial Lofts				2,213.25
Low Task	500.017	The Park Group Billing			
<u>Professional Services</u>	1		Current		Current
Category/Employee			Hours	Rate	Amount
•		Wilkinson, Anne A	5.00	141.00	705.00
		Mullen, Ross S	6.50	165.00	1,072.50
		Subtotal Professional Services	11.50		1,777.50

Low Task Subtotal	The Park Group	Billing			1,777.50
Low Task	500.020	Crew Carwash			
<u>Professional Services</u>					
			Current		Current
Category/Employee			Hours	Rate	Amount
• •		Mullen, Ross \$	13.00	165.00	2,145.00
		Weigel, Eileen J	0.50	175.00	87.50
		Matthiesen, Edward Armin (Ed)	0.25	205.00	51.25
		Subtotal Professional Services	13.75	_	2,283.75
Low Task Subtotal	Crew Carwash				2,283.75

Top Task

Top Task Subtotal

600

Project Review

Other Services



INVOICE

Page 3 of 3

Invoice Number	1795775
Invoice Name	June 7, 2021
Purchase Order	
Customer Number	167501
Project Number	227702779

Low Task	600.000	Other Services			
Professional Services		•	Current Hours	Rate	Current Amount
Category/Employee		Mullen, Ross S	0.50	165.00	82.50
		Spector, Diane F	2.50	200.00	500.00
		Subtotal Professional Services	3.00	. —	582.50
Low Task Subtotal	Other Services				582.50
Low Task	600.001	HUC-8 Review			
<u>Professional Services</u>					
Category/Employee			Current Hours	Rate	Current Amount
,		Mullen, Ross S	14.25	165.00	2,351.25
		Subtotal Professional Services	14.25		2,351.25
Low Task Subtotal	HUC-8 Review				2,351.25
Top Task Subtotal	Other Services				2,933.75
		Total Fees & Disbursements			17,202.25
		INVOICE TOTAL (USD)			17,202.25

Due upon receipt or in accordance with terms of the contract







Invoice Number Invoice Date Purchase Order Customer Number Project Number 1805928 July 1, 2021 ---167501

227702779

Bill To

Elm Creek Watershed Management Commission Accounts Payable 3235 Fernbrook Lane Plymouth MN 55447 United States

Please Remit To

Stantec Consulting Services Inc. (SCSI) 13980 Collections Center Drive Chicago IL 60693 United States

Project	Elm Creek W	latersnea 2021 Te	chnical Services				
	Project Man Current Invo	ager ice Total (USD)	Spector, Diane F 10,880.75	Contract Upset Amount Billed t For Period Endi	o Date		181,148.00 30,249.75 June 25, 202 1
Email inv	oices to Judie	e Anderson judie@	@jass.biz				
Top Task	(100	Pre-Project Reviews and	d Inquiries			
Low Task		100	Pre-Project Reviews and Ir	nquiries			
<u>Professio</u>	nal Services						
					Current Hours	Rate	Current Amount
Category	y/Employee		Mullen, Ross S		2.50	165.00	412.50
			741011011, 11033 0			_	
			Subtotal Profession	onal Services	2.50	_	412.50
Subcons	ultants		Surface Water Sc	olutions II C			512.50
			2011ace Malei 20	DIOTIONS LLC			
			Subtotal Subcons	sultants		_	512.50
Low Task	r Subtotal	Pre-Project Revi	iews and Inquiries				925.0
	Subtotal		lews and Inquiries				
Top Task	Subtotal	Pre-Project Revi	ews and Inquiries				
Top Task	Subtotal k	Pre-Project Revi	ews and Inquiries Meetings				
Top Task Top Tasl Low Task	Subtotal k	Pre-Project Revi	ews and Inquiries				925.00 925.00
Top Task Top Tasl Low Task	Subtotal k	Pre-Project Revi	ews and Inquiries Meetings		Current		925.0
Top Task Top Tasl Low Task Professio	Subtotal k c enal Services	Pre-Project Revi	ews and Inquiries Meetings		Current Hours	Rate	
Top Task Top Tasl Low Task Professio	Subtotal k	Pre-Project Revi	ews and Inquiries Meetings		Hours 9.50	165.00	925.0 Current Amoun 1,567.50
Top Task Top Tasl Low Task Professio	Subtotal k c enal Services	Pre-Project Revi	ews and Inquiries Meetings Meetings Mullen, Ross S Spector, Diane F		Hours 9.50 1.00	165.00 200.00	925.0 Current Amoun 1,567.50 200.00
Top Task Top Tasl Low Task Professio	Subtotal k c enal Services	Pre-Project Revi	ews and Inquiries Meetings Meetings Mullen, Ross S		Hours 9.50	165.00	925.0 Current Amoun 1,567.50 200.00
Top Task Top Tasl Low Task Professio	Subtotal k c enal Services	Pre-Project Revi	ews and Inquiries Meetings Meetings Mullen, Ross S Spector, Diane F	ard Armin (Ed)	Hours 9.50 1.00	165.00 200.00	925.0 Current Amoun 1,567.50 200.00 410.00
Top Task Top Tasl Low Task Professio	Subtotal k c enal Services	Pre-Project Revi	ews and Inquiries Meetings Meetings Mullen, Ross S Spector, Diane F Matthiesen, Edw	ard Armin (Ed)	9.50 1.00 2.00	165.00 200.00	925.0 Current Amoun 1,567.5 200.0 410.0
Top Task Top Task Low Task Professio	Subtotal k conal Services y/Employee	Pre-Project Revi	ews and Inquiries Meetings Mullen, Ross S Spector, Diane F Matthiesen, Edw Subtotal Profession	ard Armin (Ed) onal Services	9.50 1.00 2.00	165.00 200.00	925.0 Current Amoun 1,567.50 200.00 410.00
Top Task Top Tasl Low Task Professio	Subtotal k conal Services y/Employee	Pre-Project Revi	ews and Inquiries Meetings Meetings Mullen, Ross S Spector, Diane F Matthiesen, Edw	ard Armin (Ed) onal Services	9.50 1.00 2.00	165.00 200.00	925.0 Current Amoun 1,567.50





Project Number

Invoice Number 1805928
Invoice Date July 1, 2021
Purchase Order --Customer Number 167501

Page 2 of 3

227702779

3,458.75 Low Task Subtotal Meetings 3,458.75 Top Task Subtotal Meetings **Project Review** 500 Top Task 500.012 The Oaks at Bauer Farm Low Task Subconsultants 3,216.25 Surface Water Solutions LLC 3,216.25 Subtotal Subconsultants 3,216.25 The Oaks at Bauer Farm Low Task Subtotal Territorial Lofts 500.016 Low Task **Professional Services** Current Current **Hours** Rate **Amount** Category/Employee 0.75 141.00 105.75 Wilkinson, Anne A 11.75 165.00 1,938.75 Mullen, Ross S 2,044.50 12.50 **Subtotal Professional Services** 2,044.50 Low Task Subtotal **Territorial Lofts** 500.020 **Crew Carwash** Low Task **Professional Services** Current Current Rate **Amount** Hours Category/Employee 165.00 206.25 1,25 Mullen, Ross S 206.25 **Subtotal Professional Services** 1.25 206.25 **Crew Carwash** Low Task Subtotal 5,467.00 Project Review Top Task Subtotal Other Services 008 Top Task **Other Services** 000.000 Low Task **Professional Services** Current Current **Hours** Rate Amount Category/Employee 165.00 82.50 0.50 Mullen, Ross S 100.00 Spector, Diane F 200.00 0.50 182.50 1.00 **Subtotal Professional Services**





Page 3 of 3

Stanted					
		Involce Number Invoice Date Purchase Order Customer Number Project Number			1805928 July 1, 2021 - 16750 227702779
		Project Number			
Subconsultants		Surface Water Solutions LLC			187.50
		Subtotal Subconsultants			187.50
Low Task Subtotal	Other Services				370.00
Low Task	600.001	HUC-8 Review			
Professional Services					
			Current Hours	Rate	Current Amount
Category/Employee		Mullen, Ross S	4.00	165.00	660.00
		Subtotal Professional Services	4.00	_	660.00
Low Task Subtotal	HUC-8 Review			<u>.</u>	660.00
Top Task Subtotal	Other Services				1,030.00
	-	Total Fees & Disbursements	-		10,880.75
		INVOICE TOTAL (USD)			10,880.75



3235 Fernbrook Lane Plymouth MN 55447

10,333.790

Elm Creek Watershed Management Commission 3235 Fernbrook Lane Plymouth, MN 55447

i iyindaan, aas oo saa		8-Jul-21		
				Total by
				Project Area
A dustini atmatis so	1,500	60.00	90.00	110,00071104
Administrative	63.720	65.00	4,141.80	
Administrative	4.250	65.00	276.25	
Administrative - Audit	5.550	65.00	360.75	
Administrative - PRAP	0.000	70.00	0.00	
Admin - virtual PRAP	33.000	1.00	33.00	
PRAP - Reimbursable Expense	3.330	70.00	233.10	
Admin - virtual	12.00	200.00	2,400.00	
Office Support	1.00	146.64	146.64	
Storage Unit	1.00	60.00	0.00	
Data Processing/File Mgmt		60.00	0.00	
File Management	260.74	1.00	368.71	8,050.250
Admin - Reimbursable Expense	368.71	•	0.00	0,030.230
Admin - TAC support	7.70	60.00		
Admin - TAC support	7.79	65.00	506.35	
Admin - TAC support virtual	2.40	70.00	168.00	000 740
TAC Support - Reimbursable Expense	22.36	1.00	22.36	696.710
Website		60.00	0.00	
Website	0.25	65.00	16.25	
Website - Reimbursable Expense		1.00	0.00	40.050
Web Domain, hosting		1.00	0.00	16.250
Project Reviews - Secre		60.00	0.00	
Project Reviews - Admin	15.43	65.00	1,002.95	
Project Reviews - Admin offiste		70.00	0.00	
Project Reviews - Admin - File Mgmt		60.00	0.00	4 047 740
Project Reviews - Reimbursable Expense	314.76	1.00	314.76	1,317.710
Project Reviews - Admin - Specific	2.50	65.00	162.50	400 500
Project Reviews - Admin - Specific - reimbursables		1.00	0.00	162.500
Education - Secretarial		60.00	0.00	
Education - Admin	0.500	65.00	0.00	
Education - Admin virtual - Blue Thumb Partner Event	0.500	70.00	35.00	40 500
Education - Reimbursable Expense	7.50	1.00	7.50	42.500
CIPs - General - Secretarial		60.00	0.00	
CIPs - Administrative		65.00	0.00	
CIPs- Offsite Admin		70.00	0.00	
CIPs - reimbursables	32.86	· 1.00	32.86	32.860
Plan Amendment - Secre		60.00	0.00	
Plan Amendment - Admin		65.00	0.00	
Plan Amendment - Offiste		70.00	0.00	
	45.04	1.00	15.01	15.010
Plan amendment - reimbursable	15.01	1.00	10.01	15.010

Invoice Total

elm creek

Watershed Management Commission

ADMINISTRATIVE OFFICE 3235 Fernbrook Lane Plymouth, MN 55447 PH: 763.553.1144 email: judie@jass.biz www.elmcreekwatershed.org

Territorial Lofts Rogers Project #2021-016

Project Over	rview:				
Location:	Rogers, MN on Territorial Road, near the Laurel Creek development replacing existing				
	single family residence with addresses 19615 and 19625 Territorial Road.				
Purpose:	Construction of a 75-unit apartment building				
WMC Rules	Χ	Rule D	Stormwater Management		
Triggered:	Χ	Rule E	Erosion and Sedim	ent Control	
		Rule F	Floodplain Alterati	ons	
	Χ	Rule G	Wetland Alteration	1	
		Rule H	Bridge and Culvert	: Crossings	
	Χ	Rule I	Buffer Strips		
Applicant:	Territo	rial Lofts L	LC	_ Attention:	Jamison Kohout
Address:	550 25	5 th Avenu	e North	Phone:	612-282-7053
				Email:	jamison@jamisonkohout.com
	Carlsor	n McCain			
Agent:				_ Attention:	Joe Radach
Address:	3890 F	heasant	Ridge Drive NE	Phone:	763-489-7900
	#100			Email:	jradach@carlsonmccain.com

Exhibits:	Description	Date Received
Application	□ Complete ECWMC Application	April 9, 2021
	□ ECWMC Request for Review and Approval	April 9, 2021
	□ City authorization: Rogers, MN	March 8, 2021
	⊠ Review fee: \$4,050	April 8, 2021
	☑ Project Documents (site plans, reports, models, etc.)	April 9, 2021

Submittals

- 1. Stormwater Management Plan, prepared by Carlson McCain dated January 6, 2021 (revised on February 19, 2021; May 20, 2021; and June 28, 2021)
 - a. Stormwater Management Analysis and Results
 - b. HydroCAD Modeling report for existing and proposed conditions
 - c. Existing and proposed drainage maps
 - d. Ramsey-Washington Metro Watershed District Water Reuse Calculator Output
 - e. Design Phase Geotechnical Evaluation Rogers Apartment, prepared by Chosen Valley Testing on October 19, 2020

- 2. Site Construction Plans, prepared by Carlson McCain dated February 19, 2021 (revised May 20, 2021 and June 28, 2021).
- 3. HydroCAD models for the site (June 22, 2021)
- 4. Ramsey-Washington Metro Watershed District Water Reuse Calculator (as Input file), dated June 4, 2021

Findings

General

- 1. A complete application was received April 9, 2021. The initial 60-day decision period per MN Statute 15.99 expired June 8, 2021. The initial 60-day decision period was extended an additional 60-days to August 7, 2021.
- 2. The existing site is two single family residence. Runoff from the existing site flow in three directions, the largest area flows to the east, the second largest flows southwest into an existing wetland located in the southwest corner of the site, and a small portion flows southeast. All three runoff directions ultimately discharge to the North Fork Rush Creek.
- 3. The proposed Territorial Lofts includes construction of a new 75-unit apartment building with below ground parking, detached garage, surface parking, drive areas and associated utilities and stormwater management systems.
- 4. The development will create 2.397 acres of impervious area, 1.86-acres of which is new. The new, combined parcel is 5.392 acres, and the disturbance is 5.2-acres. Existing and proposed conditions HydroCAD models were created to model rate control.
- 5. A single stormwater basin in the southwest corner of the site will be constructed and function as volume (via water reuse as irrigation), water quality, and rate control.
- 6. A large wetland is located in the southwest portion of the site and will not be disturbed as part of construction. A smaller wetland (4,003 sq ft) is located along the proposed access drive, which will be replaced at 2:1 as part of the project. The wetland replacement is located in wetland bank #1649, which is in Hennepin County and the same Major Watershed [#20, Mississippi River (Metro)].
- 7. A wetland is located on the southwest corner of the parcel and is the receiving waterbody for runoff that is discharged from the proposed stormwater basin. Pretreatment of all discharge into the wetland is provided by the proposed stormwater basin. The wetland is not being disturbed as part of construction.
- 8. Because soil borings indicate show sandy lean clay, lean clay with sand, and some clayey sand as underlying soils throughout the site and beneath the proposed basin footprints, infiltration is not feasible.
- 9. There are no Elm Creek Watershed jurisdictional floodplains or steam crossings within the site.

Rule D - Stormwater Management (plans)

General

1. The project will disturb 5.2-acres of a new, combined 5.392-acre parcel. The impervious area will be 2.397-acres, 1.86 acres of which is new impervious.

- 2. The underlying soils on the site are predominantly Hydrologic Soil Group Type D (very low infiltration capacity).
- 3. Soil borings show sandy lean clay, lean clay with sand, and some clayey sand.
- 4. Stormwater will be managed on the site using a stormwater pond and water reuse system (irrigation).

Low Floor Elevations

1. The 100-year flood elevation in the stormwater basin is 2.0 feet below the low floor elevation of the underground garage parking area of the proposed apartment. Additionally, the low floor elevation of the underground garage parking is 1 foot above the emergency overflow of the pond. This **meets** Commission standards.

Rate Controls

- 1. Rate control measures **meet** Commission standards.
- 2. Rate control for the site was provided by a stormwater basin that collects runoff for water reuse through the site's irrigation system.
- 3. The applicant provided proposed HydroCAD model output for the 2-year, 10-year, and 100-year events which are summarized in Table 1.

Table 1 Rate of Discharge Leaving Site

Direction	Condition	2-year (cfs)	10-year (cfs)	100-year (cfs)
East	Pre-Project	4.8	9.0	18.4
	Proposed	3.6	6.6	13.3
	Change	-1.2	-2.4	-5.1
Southeast	Pre-Project	0.6	1.2	2.5
	Proposed	0.4	0.8	1.7
	Change	-0.2	-0.4	-0.8
Southwest	Pre-Project	4.1	8.1	16.7
	Proposed	3.5	8.0	15.2
	Change	-0.6	-0.1	-1.5

Abstraction Controls

- 1. Abstraction controls **meet** Commission requirements.
- 2. New impervious areas will be 1.86 acres requiring abstraction of 7,427 cubic feet.
- 3. Full infiltration of 1.1 inches of runoff from impervious areas is not feasible due to low infiltration capacity soils.

- 4. Applicant used Ramsey-Washington Metro Watershed District to demonstrate 19,166 cubic feet of abstraction credits based on:
 - a. A 3.3-acre runoff collection area, including the proposed apartment building and parking lot, portions of the above ground garage, portions of the access drive, and the area immediately surrounding the stormwater pond
 - b. A 1.12 acre-water reuse application area over the pervious surfaces (turf grass) on the site
 - c. Irrigation in the amount of 1-inch equivalent weekly during the growing season (May-September), which the default (recommended) watering equivalent in the Ramsey Washington Metro Watershed District water reuse calculator over the 1.12-acre application area.
 - d. Dead storage in the pond of the amount 0.44 acre-feet (19,166 cf)
 - e. The Ramsey Washington Metro Watershed District compares the amount of average annual volume reduction that will be achieved with the parameters above to the average annual volume that would be achieved by an infiltration system designed to meet Ramsey- Washington Metro Watershed District rules (infiltration of 1.1 inches of runoff from new and reconstructed impervious surfaces). The RWMWD calculator estimates that the proposed Territorial Lofts site would result in a *greater* average annual volume reduction than a site with infiltration capacity that was designed to meet the RWMWD watershed's standards, the tool recommends volume credits equal to the dead storage volume of the pond.
- 5. The applicant is submitting the project using the design-build construction method where a subcontractor will be awarded the irrigation portion of the project. Because the irrigation portion of the project will be subcontracted at a later date and the irrigation system is part of the overall water reuse system that is necessary to meet the Commission's standards, the irrigation system must be recorded as part of the Stormwater Maintenance Agreement with the city of Rogers within 90 days of the plat being is recorded.

Water Quality

- 1. The applicant used a MIDS model to demonstrate water quality compliance
- 2. Water quality controls are met using a stormwater pond with a water reuse system for irrigation
- 3. Water quality controls **meet** the Commission's standards

Table 2 Water Quality Summary¹

	Annual Runoff Vol. (ac-ft)	Abstraction Vol. (cubic feet) ²	TP (lbs/year)	TSS (lbs/year)
Pre-Project	4.26	N/A	3.5	632
Proposed (w/o BMP's)	7.17	7,427	5.9	1,063
Proposed (w/ BMP's)	5.43	19,166³	3.1	391
Change	+1.17	+11,739	-0.4	-241

¹Note the values listed here reflect an independent analysis (MIDS model) completed by ECWMC staff and do not match the values shown in the Stormwater Management Plan submitted by Carlson McCain

Operation and Maintenance

For residential projects with a water reuse system in the city of Rogers, the landowner is responsible for the maintenance of the stormwater management BMP's. A stormwater maintenance agreement with the city will be a condition of this approval.

Rule E – Erosion and Sediment Control (plans)

- 1. Plans **meet** Commission requirements for erosion and sediment control.
- 2. The erosion and sediment control plans are consistent with current best management practices, including:
 - a. Rock construction entrance
 - b. Silt fence
 - c. Catch basin inlet protection
 - d. Stabilization of disturbed soil areas.

Rule G-Wetland Alterations

- 1. Wetland alterations **meet** the Commission's requirements
- 2. The city of Rogers is the LGU in charge of administering the Minnesota Wetland Conservation Act. Fill and replacement of one wetland in the amount of 4,003 square feet.
 - a. A wetland replacement plan has been approved by the city of Rogers.
- 3. Pretreatment of all discharge into the unimpacted wetland to the southwest is provided by the proposed stormwater basin. This wetland is not being disturbed as part of construction.

Rule I– Buffer Strips

- 1. Plans **meet** Commission requirements for buffer strips.
- 2. The buffer strip is at least 25-feet wide in all locations with a slope shallower than 6:1 (horizontal: vertical) and therefore will meet the Commission's minimum (10 feet) and average (25 feet) standard.
- 3. The wetland buffer vegetation will meet the Commission requirements for native vegetation establishment and maintenance.
- 4. Wetland buffer monumentation will meet the Commission's requirements.

Recommendation

Contingent Approval

Conditions for Approval

- 1. Approval is contingent upon final application escrow fee balance. Additional payment or refund of the fees will be determined when all conditions for approval are met.
- 2. The applicant shall provide a Stormwater Maintenance Agreement that acceptable to the city and the ECWMC within 90 days after the plat is recorded. The applicant is submitting the project using the design-build construction method where a subcontractor will be awarded the irrigation

² 1.86 acres of new impervious areas

³ Irrigation reuse, credits determined using RWMWD Reuse calculator

portion of the project. Because the irrigation system will be subcontracted at a later date and the irrigation system is part of the overall water reuse system that is necessary to meet the Commission's standards, the irrigation system should be included in the Stormwater Maintenance Agreement. The applicant should provide irrigation distribution plans (pipe locations, size, preliminary pump plan, augmentation water info, area to be irrigated, and demonstration that the receiving soils have infiltration capacity) and an Operation and Maintenance Plan for the stormwater system, including the irrigation system.

On Behalf of Wenck (now part of Stantec Consultants, Inc.)
Advisor to the Commission

July 1, 2021 Date

Attachments

Figure 1	Project Location
Figure 2	Existing Drainage Map
Figure 3	Proposed Drainage Plan
Figure 4	Proposed Water Reuse Runoff Collection Area (note the pond is also part of the capture
	area)
Figure 5	Proposed Water Reuse as Irrigation Application Area
Figure 6	Wetlands in Project Vicinity

Figure 1 Project Location

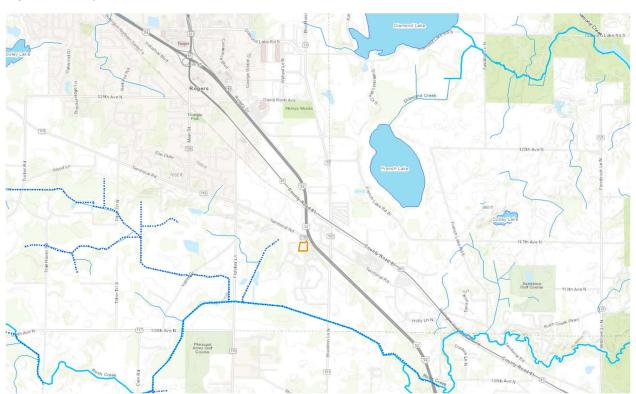


Figure 2 Existing Drainage Map

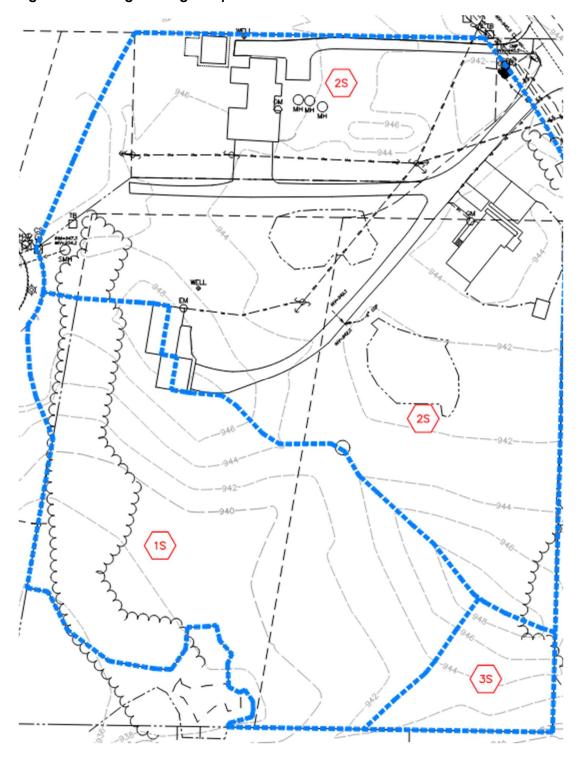


Figure 3 Proposed Drainage Plan

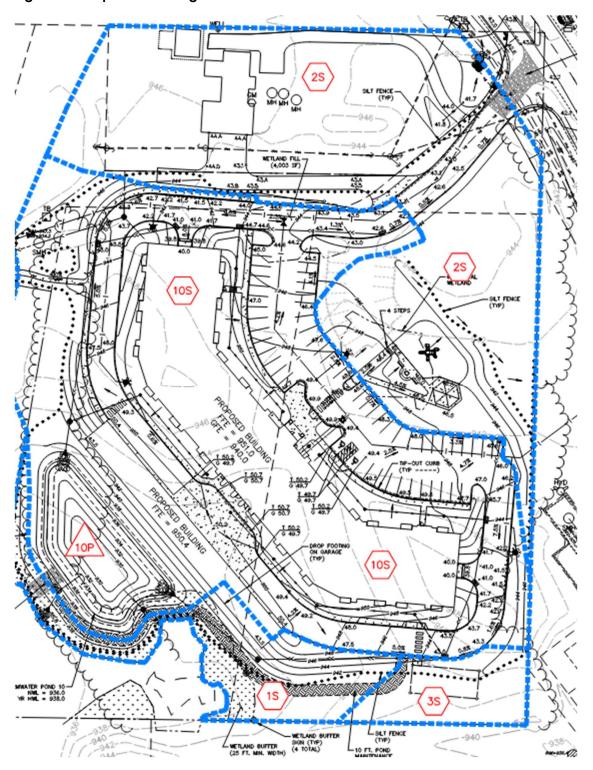


Figure 4 Proposed Water Reuse Runoff Collection Area (note the pond is also part of the capture area)

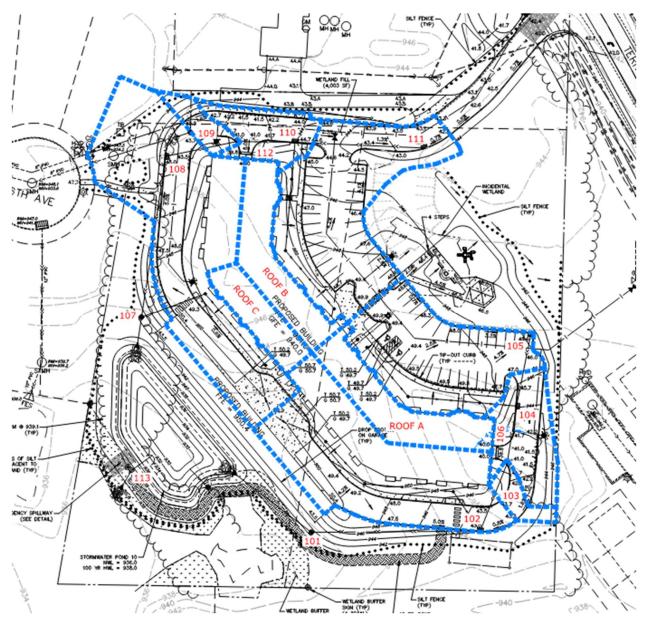


Figure 5 Proposed Water Reuse as Irrigation Application Area

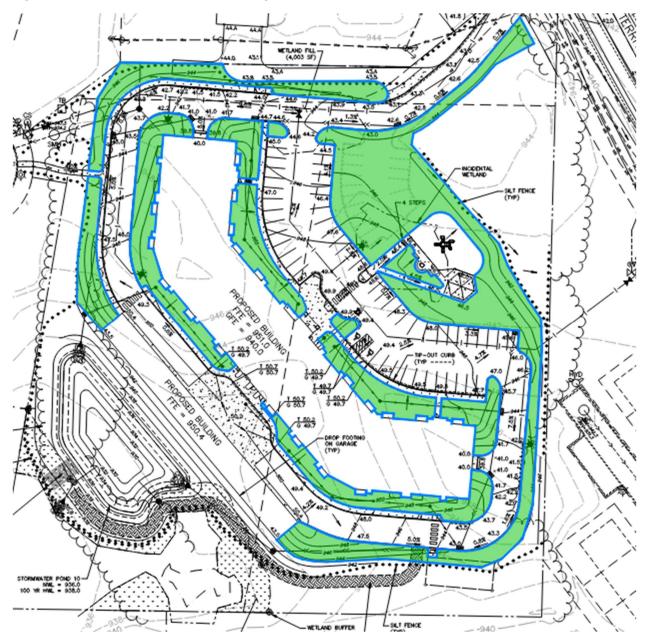
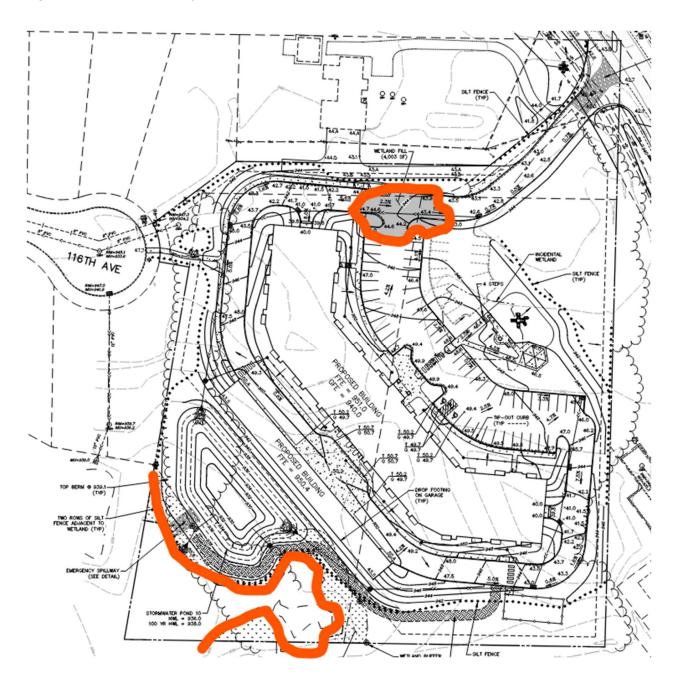


Figure 6 Wetlands in Project Vicinity



ELM CREEK WATERSHED MANAGEMENT COMMISSION POLICY ON COST SHARE FOR EQUIPMENT AND NON-STRUCTURAL PRACTICES

I. PURPOSE

The Elm Creek Watershed Management Commission (Commission) desires to:

- 1) Minimize public capital expenditures needed to correct water quality problems; and
- 2) Identify and plan for means to effectively protect and improve surface water quality; and
- 3) Protect and enhance fish and wildlife habitat and water recreational facilities; and
- 4) Secure other benefits associated with property management of surface and ground water.

With the advent of Total Maximum Daily Loads (TMDLs) as stipulated in the Clean Water Act and Municipal Separate Storm Sewer System (MS4) regulation by the Minnesota Pollution Control Agency, communities within the Elm Creek Watershed began to implement capital improvement projects to improve the water quality in lakes. The Commission has historically partnered with member communities, Hennepin County, the Three Rivers Park District, and others to provide funding for projects and to meet TMDL requirements or remove lakes from the State of Minnesota Impaired Waters list.

New technology or other scientific advances may make it possible for the most cost-effective practices to be enhancements of existing practices above and beyond current Commission rules or common practice rather than the typical current practice of the construction of new storm water facilities. The Commission, in recognizing this fact, and with the desire to spend taxpayer dollars wisely and cost-effectively, acknowledges that consideration for non-structural practices for watershed funding is a best practice.

This policy shall serve as the basis for consideration by the Commission for funding equipment and non-structural practices and partnership with member communities.

II. MINIMUM QUALIFYING CRITERIA FOR FUNDING EQUIPMENT AND NON-STRUCTURAL PRACTICES

- 1) The practice must demonstrate a benefit to a waterbody identified as impaired and with an approved TMDL.
- 2) Documentation must be provided quantifying the benefit to the waterbody or waterbodies.
- 3) Monitoring or other documentation of project effectiveness is required for a minimum of 5 years.

III. FUNDING FOR EQUIPMENT AND NON-STRUCTURAL PRACTICES

- 1) Funding for projects in which 100% of the benefit will be realized in the Elm Creek Watershed shall be eligible for up to a maximum of 25% the cost of the project. Consideration shall be given to total project cost vs. enhancement of existing practice, where applicable.
- 2) Funding for equipment and non-structural practices where less than 100% of the benefit will be realized in the Elm Creek Watershed shall be up to a maximum of 25% the cost of the project multiplied by the percentage of the member community made up of the Elm Creek Watershed. Consideration shall be given to total project cost vs. enhancement of existing practice, where applicable.
- 3) Funding shall be comply with Commission Capital Improvement Program policies and standards.

EFFECTIVE DATE:	
POLICY HISTORY:	(Initial Approval) (Revision 1)
Approved by the Technical Advisory Committee August 24, 2020	(Revision 2)

Chloride & Pet Waste Education Material Updates

Anticipated cost of education materials: \$2,500

Requesting \$3,000 from special projects accounts for WMWA's chloride education updates.

Hourly cost of graphic design services:

- \$125/hr for Taurus Moon Graphic Design
 - o 3-6 hours required for each brochure update
 - o Purchase 8 photos for \$90
- \$45/hr for Dawn Pape

Educational Items to create/update

1. Residential Snow & Ice Brochure

- Expected cost: \$375
- o Minor update and conversion to flyer.



Residential Snow and Ice Care Brochu

2. Commercial Snow & Ice Brochure

Expected cost: \$375

Convert to flyer



Commercial Snow and Ice Brochure.pd

3. Envelop stuffer for Chloride

- Expected cost: \$375
- o Minor updates to include all required information
- Add water softener info



Envelope Stuffer.pdf

4. Water Softener flyer

- Expected cost: \$625
- o Create a water softener flyer
- o Save file as PDF, Publisher, and InDesign if possible
- o Cities can edit this to fit their water system as needed
- Adapt existing Eden Prairie document



Water Softeners FINAL - 8.5x11 Flyer

5. Newsletter blurb

- o Create a sample newsletter blurb about Smart Salting
- Expected cost: \$625

6. Pet waste flyer

- Anticipated Cost: \$0
- City of Plymouth will update Eden Prairie's pet waste signage for WMWA



Eden Prairie - Pet Waste and Water Pc

7. Pet waste signage for dog waste stations at park entrances or dog parks

- Anticipated Cost: \$0
- Share Plymouth's park signage files with all cities for them to add their own city code and logo and use as needed.
- Individual cities will be responsible for printing these signs. Will be designed for standard 12" x 18" sign.
- Pet waste bag dispensers can also be used with sign





To: Elm Creek WMO Commissioners

From: Diane Spector

Date: July 6, 2021

Subject: Clean Water Fund Grant Solicitation

Recommended Commission Action Discuss potential grant opportunities and if so requested by a member city or cities, authorize development of a grant application.

The Board of Water and Soil Resources (BWSR) has opened the annual Clean Water Fund (CWF) application period, which runs from June 30 to August 17, 2021 (http://www.bwsr.state.mn.us/apply). The Clean Water Fund is comprised of several pots of money that are available to fund state priorities. The largest pot is the Projects and Practices grant program, this year funded at \$12 million. Grant funding will be released to successful applicants in about April 2022 and funds must be expended by December 31, 2024. The grants require a 25% non-state match.

Projects must be identified in an approved watershed plan or a TMDL or WRAPS. The following three high-level state priorities have been established for Clean Water Fund nonpoint implementation:

- 1. Restore those waters that are closest to meeting state water quality standards
- Protect those high-quality unimpaired waters at greatest risk of becoming impaired
- 3. Restore and protect water resources for public use and public health, including drinking water.

I reached out to Brian Vlach and Kris Guentzel to see if they had any potential projects the Commission could partner on and discussed with Jeff Strom potential projects coming out of the Diamond Lake SWA. Brian is considering a CWF application for the Dayton River Road (CSAH 12) Ravine Stabilization project, which is on the Commission's CIP. Kris suggested funding for the Diamond Lake SWA, but Jeff thinks it would be premature at this time. If one of the member cities has another project that qualifies and would show well for grant funding, you could consider assisting with or leading development of a grant application.

Judie Anderson

From:

Minnesota Board of Water and Soil Resources <mnbwsr@public.govdelivery.com>

Sent:

Wednesday, June 30, 2021 3:07 PM

To:

Judie Anderson

Subject:

News Release: BWSR Accepting Applications for Clean Water Fund Grants



News Release

BWSR Accepting Applications for Clean Water Fund Grants

Grants will support conservation projects benefiting drinking water and improving water quality

June 30, 2021

ST. PAUL — The Minnesota Board of Water and Soil Resources (BWSR) is now seeking applications for its Clean Water Fund Competitive Grants Program. More than \$12 million in grants and more than \$7 million in loans are available to local governments in fiscal year 2022, which begins July 1. Eligible applicants include soil and water conservation districts, watershed districts, watershed management organizations, counties, joint powers boards and municipalities with approved water management plans.

"These grants are a key component in ongoing efforts to keep Minnesota's waters drinkable, fishable and swimmable," said BWSR Executive Director John Jaschke. "We look forward to partnering with local governments to make strides toward improving water quality throughout the state."

The application period opens June 30 and closes August 17. Interested applicants can find the Request for Proposals on BWSR's website.

About the Minnesota Clean Water Fund

Minnesota voters approved the Clean Water, Land and Legacy Amendment in 2008 to protect, enhance, and restore wetlands, prairies, forests, and fish, game, and wildlife habitat; to preserve arts and cultural heritage; to support parks and trails; and to protect, enhance, and restore lakes, rivers, streams, and groundwater. The Clean Water Fund receives 33 percent of the sales tax revenue generated by the Legacy Amendment. More information about the Clean Water Fund is available here.

###

BWSR is the state soil and water conservation agency, and it administers programs that prevent sediment and nutrients from entering our lakes, rivers, and streams; enhance fish and wildlife habitat; and protect wetlands. The 20-member board consists of representatives of local and state government agencies and citizens. BWSR's mission is to improve and protect Minnesota's water and soil resources by working in partnership with local organizations and private landowners.

From: Diane F. Spector

Sent: Wednesday, June 30, 2021 4:44 PM

To: Chris J. Meehan <<u>cmeehan@wenck.com</u>>; Todd E. Shoemaker <<u>tshoemaker@wenck.com</u>>; Ed A. Matthiesen <<u>ematthiesen@wenck.com</u>>; Eileen J. Weigel <<u>eweigel@wenck.com</u>>; Erik R. Megow <<u>emegow@wenck.com</u>>; Peter G. Miller <<u>pmiller@wenck.com</u>>; Ross Mullen <<u>rmullen@wenck.com</u>>; Nico A. Cantarero <<u>ncantarero@wenck.com</u>>; Tom A. Berry <<u>tberry@wenck.com</u>>; Kent C. Torve <<u>ktorve@wenck.com</u>>; Steve K. Hegland <<u>shegland@wenck.com</u>>; 'Jason Quisberg' <jquisberg@wenck.com>

Cc: Katie L. Kemmitt < kkemmitt@wenck.com>

Subject: FW: News Release: BWSR Accepting Applications for Clean Water Fund Grants

BWSR Clean Water Fund grants are now open, due August 17. https://bwsr.state.mn.us/apply

- As usual, the grants required a 25% non-state match. \$12 million is available for Projects and Practices, there are also some specialty loan programs. If awarded, funds would become available in April 2022.
- Eligible entities are counties, watershed districts, watershed management organizations, and soil and water conservation districts, and cities with approved local water management plans. Projects must be identified in an approved watershed plan or a TMDL or WRAPS.
- The following three high-level state priorities have been established for Clean Water Fund nonpoint implementation:
 - 1. Restore those waters that are closest to meeting state water quality standards
 - 2. Protect those high-quality unimpaired waters at greatest risk of becoming impaired
 - 3. Restore and protect water resources for public use and public health, including drinking water.
- Note that there are special requirements for stream restoration projects, and for lake internal load projects that may require upfront work to be completed prior to submitting a grant request.
- Note that applications must be submitted online in eLink.

Please let me know if you have any questions or are interested in pursuing a grant. I will download the application questions and make them available.

-Diane

elm creek Watershed Management Commission

ADMINISTRATIVE OFFICE 3235 Fernbrook Lane Plymouth, MN 55447 PH: 763.553.1144 | email: judie@jass.biz www.elmcreekwatershed.org TECHNICAL SUPPORT
Ross S. Mullen | rmullen@wenck.com
James Kujawa | surfacewatersolutions@outlook.com
Joe J. Waln | JWaln@barr.com

STAFF REPORT

July 7, 2021

- a. 2017-050W Ernie Mayers Wetland/floodplain violation, Corcoran. The City of Corcoran contacted the Commission in December 2017 concerning drainage complaints on Mayers' property. Technical Evaluation Panels (TEPs) were held in 2017 and 2018 to assess the nature and extent of the violations and a restoration order was issued to Mayers. On October 30, 2018, an appeal of the restoration order was received by the Board of Water and Soil Resources. BWSR placed an order of abeyance (stay) on the appeal looking for a resolution between the LGU and Mayers. On January 6, 2021, BWSR received an email from Corcoran that the LGU and Mayers were working towards resolving the restoration order. BWSR gave the City and Mayers until April 5, 2021 to seek an informal resolution or furnish a complete copy of the record to them. As of this update, this matter is still in BWSR's hands for review, discussion and potential resolution.
- **b. 2018-020 North 101 Storage, Rogers.** This is an existing 3-acre lot in the northwest corner of Highway 101 and CR144. The current land use is a combination of mini-storage units and outdoor storage. The site is proposed for complete demolition and construction of seven new mini-storage buildings. At their July meeting the Commission approved Staff findings dated July 9, 2018, pending four items relating to abstration requirements and the infiltration system. The applicant requested and was granted an extension to *December 31, 2021*, provided the review process with the City of Rogers does not expire.
- c. 2020-002 Project 100, Maple Grove, renamed Minnesota Health Village (MHV). Ryan Companies is proposing to develop 100.6 acres of agricultural land into a mixed-use development consisting of office, medical, hospital, multi-family residential and senior living facilities. This site is situated between I-610 to the north, I-94 to the west and the Maple Grove Hospital to the east.

Phase I site plans consists of mass grading of approximately 35 acres in the southeast portion of the site to accommodate street and utilities, 383 parking stalls for the existing hospital and future building in this area. The Commission reviewed the concept plan for compliance with Rule D. In addition, Staff reviewed Phase I for compliance with Rules D, E, G and I. At their March 2020 meeting the Commission approved this project contingent upon the following conditions: Phase I site plans: (1) Feasibility to infiltrate stormwater in the filter bench areas of ponds 1 and 2 must be determined. If infiltration is considered feasible, design revisions and compliance with MPCA infiltration design criteria is required and (2) City, MN WCA, and Commission compliance on any wetland impacts must be adhered to. Phase I conditions for approval have been met. This item will be removed from the report.

d. 2021-009 Palisades at Nottingham 3rd Addition, Maple Grove. This is a 5-acre project located east of Zanzibar Lane approximately 400 feet north of the intersection with Nottingham Parkway. The applicant is proposing to develop the site into seven single-family residential lots. The site drains east into the Elm Creek basin. This work will disturb 3.5 acres and create 1.45 acres of new impervious area. At their April 2021 meeting, the Commission approved this project conditioned upon final wetland replacement plan submittal, review by permitting agencies, and approval by the LGU prior to impacts. No new information has been received as of this update.

Rule D - Stormwater Management

Rule E - Erosion and Sediment Control

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H — BRIDGE AND CULVERT CROSSINGS

RULE I — BUFFERS

- **e. 2021-010 Gleason Field, Maple Grove.** This is an existing 45-acre city park located between Brockton (CR 101) and Vagabond Lanes at 67th Avenue. The City Parks Department is proposing to convert existing grass play fields into four artificial turf baseball/softball fields. The project also involves expanding an existing parking area, adding four park buildings, and playground amenities to the park. This work will disturb 23.5 acres and create 2.9 acres of new impervious areas. *This project was approved by the Commission at their May 2021 meeting. Pending escrow review, this project will be removed from the report.*
- **f. 2021-012 The Oaks at Bauer Farm, Champlin.** This is a 47-acre agricultural property that is proposed to be developed into 99 single-family residential homes. The site, located north of French Lake Road on the border with Dayton, will create 13.3 acres of new impervious surface. The project triggers Rules D, E, and I. The applicant demonstrates onsite rate control for discharge to the west, south, and north and is using a regional stormwater management basin to discharge to the east. *The project was approved at the May 2021 meeting contingent that the applicant incorporates revisions from the city's engineering department and continues to demonstrate compliance with Commission rules.*
- **g. 2021-013 Rush Creek Reserve, Corcoran.** This is a 91-acre site located along the north side of CR10, across from the Corcoran Community Park. The applicant is proposing to create a residential subdivision including 66 townhomes and 177 single-family units with 24.2 acres of new impervious area. The existing area is agricultural with 58 acres of cropland and 33 acres of wetlands/wooded areas. The applicant is working through revisions requested by Staff. *Updated findings and recommendations will be provided to the Commission if available.*
- h. 2021-014 Elm Creek Stream Restoration Phase IV, Champlin. This is a continuation of stream restoration work within Elm Creek. The project includes approximately 5,300 linear feet of stream bank restoration starting at Elm Creek Xing bridge and extending downstream. The work will stabilize the toe of banks, restore and enhance habitat, increase flood storage and improve water quality. At their May 2021 meeting the Commission approved this project pending escrow review. This project will be removed from the report.
- i. 2021-015 66th Avenue/Gleason Parkway, Corcoran. Reconstruction of 66th Avenue from a two-lane gravel road into a two-lane paved road with trails on both sides. Turn lanes will be added to CR 116 at the intersection with 66th Avenue. This corridor work between Gleason Parkway and CR 116. will increase accessibility between CR 101 and CR 116 into the Ravinia and future Tavera developments. At their June 2021 meeting the Commission approved this project with the following conditions. 1) no wetland impacts can occur prior to MN WCA, LGU and Commission requirements being met, and 2) receipt/refund of final review fee balance.
- j. 2021-016 Territorial Lofts, Rogers. This is a 5.39-acre site on Territorial Road, adjacent to the Laurel Creek development. The project would construct a 75-unit apartment building, underground parking, a detached garage, maintenance facilities, and access road, creating 2.397 acres of total impervious (1.86 acres of which is net new impervious) and disturbing 5.2 acres. The existing site is two single-family residential homes. The site proposes to use stormwater reuse with an irrigation system to meet abstraction requirements, due to low infiltration capacity soils. The project is being reviewed for Rules D, E, G, and I. Staff recommends approval contingent upon receipt of any outstanding project review fees and a stormwater maintenance agreement being put in place between the owner and the city with terms acceptable to the Commission.
- **k. 2021-017 The Park Group Building, Rogers.** This is a 3.0-acre site on Northdale Boulevard, northwest of the intersection of MN Highway 101 and 141st Avenue North. The project would construct a

new warehouse, access drive, loading docks, and a new parking on an undeveloped site. The project would disturb 2.79 acres and create 1.73 acres of new impervious surface. The project triggers Rules D and E. The project was approved at the May 2021 meeting pending escrow review. The applicant subsequently revised the plans to include six additional parking spaces (approximately 1000 SF of additional impervious), which Staff administratively approved based on continued compliance with Rules D and E.

- I. 2021-018 Tavera (Phase I), Corcoran. This is a 274-acre site north of Hackamore Road (62nd Avenue N) and west of County Road 116. The full residential development would construct 548-units. Phase I of the project will construct 248 units, 114 of those being single-family detached lots and 134 attached townhouse units. Phase I would disturb 85 acres and create approximately 28 acres of new or reconstructed impervious area. Stormwater would be managed by a combination of iron enhanced sand filtration, stormwater reuse, larger than required wetland buffers and disconnected impervious surfaces. The project was reviewed for Rules D, E, F, and I. Staff administratively approved grading for the project in May contingent upon the applicant addressing any future comments necessary to obtain approval from the Commission. The Commission approved the project at its June meeting contingent upon a recorded operations and maintenance agreement and receipt of any outstanding project review fees. This project will be moved to the Final Recordings section of this report.
- 2021-019 Kwik Trip, Dayton. This project is located in the northeast corner of County Roads 81 and m. 113. The applicant is proposing to subdivide this 8.2-acre parcel into one, 2-acre lot, three outlots (4.3 acres) and a street (1.8 acres) entering from CR 81. An existing regional storm pond is on the east property line. The project will remove the existing store/gas station and its access roads, create the new access road, and construct the Kwik Trip station on the easterly most two acres of the site. Existing stormwater ponds will be utilized for stormwater management. This work will disturb 8.3 acres The site design for the Kwik Trip project, the new street, and the future impervious areas for the proposed outlots meet the design criteria the regional pond was approved for by the Commission in project 2017-022. Erosion and sediment controls were administratively approved by technical staff. No other actions are necessary on this project. It will be removed from the report pending administrative escrow review.
- 2021-020 Crew Carwash, Maple Grove. This project would reconstruct an existing bank building and parking lot on a 1.80-acre parcel into a carwash. The site is located southwest of the intersection of Weaver Lake Road and Elm Creek Boulevard with access from Grove Drive. The disturbance is 1.52 acres, the existing impervious is 1.07 acres, and the proposed impervious is 1.17 acres. Runoff from this site flows into a regional pond on Arbor Lakes Parkway, which ultimately discharges to Rice Lake. The City has stated that the regional pond meets rate control and water quality treatment for the site. The applicant is proposing to use soil amendments to meet the Commission's volume rules. The Commission approved the project at its June meeting contingent upon all escrow project review fees being paid and a stormwater maintenance agreement being put in place between the owner and the city with terms acceptable to the Commission.
- 2021-021 Territorial Triangle, Dayton. This site is in the easterly triangle Territorial Road and CR 81 intersection near the border of Dayton and Maple Grove. Rush Creek flows west to east, near the ROW of CR 81 along the south lot line on this property. The applicant is proposing to subdivide the 14±acre parcel into 30 rowhome units and 56 townhome units. Two ponding basins are proposed for stormwater management. This work will disturb approximately 10 acres and create 5.7 acres of new impervious areas. Additional soils and buffer strip information is necessary prior to bringing this to the Commission for their decision. Staff extended the project decision deadline from July 11 to September 9, 2021.

RULE D - STORMWATER MANAGEMENT RULE E - EROSION AND SEDIMENT CONTROL

RULE F - FLOODPLAIN ALTERATION

p. 2021-022 Rogers High School Batting Cages and Trail Improvements, Rogers. This project is for improvements to existing batting cages and replacement of an existing trail. The work will disturb 1.55 acres and create 0.09 acres of new impervious surface. Stormwater management is provided by the existing on-site infiltration basin in the northeast corner of the site. The project is being reviewed for Rules D and E. No recommendation is available for the Commission at this time. The applicant is working on revisions requested by Staff. Updated findings and recommendations will be provided to the Commission if available.

FINAL RECORDINGS OR OTHER DOCUMENTATION/FOLLOW-UP ARE DUE ON THE FOLLOWING PROJECTS:

- **ah. 2014-015 Rogers Drive Extension, Rogers.** This project involves improvements along Rogers Drive from Vevea Lane to Brockton Lane. The project is located east of I-94, south of the Cabela development. The total project area is 8.0 acres; proposed impervious surfaces total 5.6 acres. Site plans received July 1, 2014 met the requirements of the Commission with the exception of the nutrient control. The Commission approved the site plan contingent upon the City deferring 4.6 lbs. of phosphorus for treatment in future ponding opportunities as the easterly corridor of Rogers Drive develops. 2.3 lbs. will be accounted for in the Kinghorn Spec. Building site plan, with 2.3 lbs. still outstanding. This item will remain on the report until the total deferral is accounted for.
- **ai. 2015-030 Kiddiegarten Child Care Center, Maple Grove.** Approved December 9, 2015. If the City does not take over the operation and maintenance of the underground system and the sump catch basins, an O&M agreement for the underground trench/pond system must be approved by the Commission and the City and recorded with the title. On February 5, 2019 Derek Asche contacted the owner requesting a copy of the recorded maintenance agreement. No update was available on July 2, 2019.
- aj. 2016-005W Ravinia Wetland Replacement Plan, Corcoran. In December 2016, the Commission approved Staff's recommendations on this wetland replacement plan. Final wetland impacts are 1.22 acres. Wetland credits created on site will be 4.01 acres. Excess credits of 0.75 acres are proposed to be used on Lennar's Laurel Creek development in Rogers (2017-014). All approval contingencies have been met and construction is completed. Vegetation planting and management took place throughout 2017. Barr Engineering is providing monitoring to ensure the replacement meets the performance standards of the approved plans. Annual reports have been submitted to the US Army Corps of Engineers (USACE) in February 2019, February 2020, and March 2021. Monitoring status as of March 2021: Wetlands and buffers are looking good but will need continued vegetation management in 2021 to get rid of invasive species (mostly cattail). Hydrology is good in both the restoration and creation areas.
- **ak. 2017-014 Laurel Creek, Rogers.** In June 2017, the Commission approved this project with four conditions. All contingency items have been provided with the exception of the O&M agreement which is being negotiated by the City as to whether the City or the HOA will be responsible for the operation and maintenance of the stormwater management facility. On August 31, 2017, Andrew Simmons responded that the O&M agreement is still being negotiated.
- al. 2017-029 Brayburn Trails, Dayton. At their August 2017 meeting the Commission approved Staff's findings dated August 2, 2017 with five conditions. All of the conditions have been met except for the final recordings of the O&M agreements and easements. On March 7, 2018, the City reported: final plat approval has not been granted, easements will be recorded as plats are approved. Ponds will be maintained by the City of Dayton. An agreement, and additional easement, will be required for a water re-use system within one of the ponds (between the City and HOA). This system is not part of the first addition the timing of said improvements/agreement is unknown. Construction had been expected to start in 2018.

On February 7, 2019, Jason Quisberg provided the following information: The 1st Addition was scaled back from what was proposed; associated construction activity is significantly completed. Extension of trunk utilities through Staff Sundance Golf Course are complete. The proposed 2nd Addition is under review. Improvements to 117th Avenue (East French Lake Road to Fernbrook Lane) will be part of the work done with the 2nd Addition. Construction is anticipated to start spring 2019. Pond easements are being recorded with the platting process for each addition (those [that are] part of the 1st Addition are in place). The water re-use system is not part of the 2nd Addition (will be with future additions).

On March 4, 2021 Nico Cantarero reported that Brayburn Trails is continuing to construct homes. The development is through their 6th addition with approximately 2/3 of the development final platted. 117th Avenue improvements have been constructed and the development continues to build infrastructure and homes.

- am. 2018-046 Graco Expansion, Rogers. This project is the expansion of an existing building. The site is located in an area that has regional ponding provided for rate control purposes, but needs to account for water quality and abstraction requirements on site prior to discharging offsite as part of the improvements. The Com-mission granted conditional approval at their October 2018 meeting. Conditions of approval were to (1) submit a SWPPP plan meeting requirements, (2) clarify maintenance responsibilities for the iron enhanced sand filter, and (3) a letter from the City of Rogers stating their intentions to provide the water quality deficit in an upcoming project. Staff confirmed several minor plan revisions remain in conformance with the original approval. This item will remain on the Staff report until such time as the water quality deficit has been made up.
- an. 2018-048 Faithbrook Church, Phase 2, Dayton. This is an application for review of an expansion of an existing church located northeast of the intersection of Fernbrook Lane and Elm Creek Road. The Commission approved this project at their November 2018 meeting conditioned upon receipt of a SWPPP meeting NPDES requirements and the City accepting maintenance responsibility or recording a modified O&M plan for the stormwater features on the site in a form acceptable to the Commission. On February 7, 2019, Jason Quisberg reported that this project has gone idle; it is believed to be due to funding needs of the applicant. It was expected activity would resume in Spring 2019. On March 4, 2021 Nico Cantarero reported that the outlet to the church has been constructed. The church still has plans for a Phase 2 expansion, but it has not been initiated to date.
- **2019-002 Parkside Villas, Champlin.** This is two adjacent rural parcels totaling 13.9 acres that are proposed to be split into 56 single-family residential lots. It is located on the east side of Goose Lake Road just south of its intersection with Elm Road (CR 202). The review is for compliance with Commission Rules D and E. At their February 2019 meeting the Commis sioners approved Staff's findings dated January 29, 2019, contingent on (1) a long term O&M agreement on the stormwater basin and irrigation system being provided and recorded on the property title and (2) the applicant working with the City and Three Rivers Park District to safely outlet the pond water below the trail system adjacent to the proerty line.
- **ap. 2019-021 Brenly Meadows, Rogers.** This is a 38-unit townhome project proposed on 6.9 acres north of 129th Avenue about one-third mile west of Main Street. It triggered the Commission's review for Rules D, and E. This item was approved by the Commission at their August 2019 meeting, contingent upon O & M plan requirements for the stormwater pond and irrigation system.
- aq. 2019-026 Interstate Power Systems, Rogers. This is a 10-acre site to construct a 1-acre building for a mechanical shop and 6 acres of parking and driveways along County Road 81. It triggered review of Rule D, E, G, and I. This item was approved by the Commission at their November 2019 meeting, contingent upon documentation of existing conditions pollutant loading and a recorded O&M plan for onsite BMPs. The applicant provided the pollutant loading data in November 2019. Commission is still waiting on the O&M plan as of April 2021.
- **2019-027 Havenwood at Maple Grove.** This is a 5.6-acre site located at the northwest intersection of Bass Lake Road (CR10) and Troy Lane (CR101). The site is proposed to be subdivided into two lots. The southerly lot will be 4.5-acres with a 150-unit senior living facility. The remaining outlot (~1.3 acres) is anticipated to be a daycare facility. In their findings dated October 17, 2019, Staff recommended approval contingent upon the irrigation pond and system having an operation and maintenance plan approved by the City and Commission and recorded on the title for this property. A copy of the recorded document must be provided to the Commission.
- as. 2019-032 OSI Expansion, Medina. This an existing business located in the northwest corner of Highway 55 and Arrowhead Drive. The applicant is proposing to build an addition on the south side of the building and add parking to the north side of the site, creating an additional 3.6 acres of new impervious area. In their findings dated February 4, 2020, Staff recommended approval contingent upon receipt of O&M plans on the stormwater facilities that meet the Commission's requirements. Dusty Finke reported on March 4, 2020, that recordation of the O&M plans is still pending.

- at. 2020-001 Outlot L, Markets at Rush Creek, Maple Grove. Outlot L is a 1.55-acre lot located in The Markets at Rush Creek (Hy-Vee South) PUD development. This project is located just west of the Hy-Vee gas station and south of CR10. A 12,000 SF multi-tenant building and associated parking is proposed for this site. Stormwater management for this lot is part of the regional stormwater system approved by the Commission for project 2016-002. Commission rules require compliance with Rules D and E. On January 23, 2020, Staff administratively approved this project contingent upon receipt of a dated and signed set of final development stage plans. Signed and dated plans were received in December 2020. The project approval is good until December 31, 2021.
- **2020-008 lone Gardens, Dayton.** This project is located at the northwest intersection of CSAH 144 (Diamond Lake North) and 12 (Dayton River Road). The site consists of three agricultural properties totaling 48.29 acres. 112 new single-family residential lots creating 16.84 acres of new impervious surface area are proposed for this development. The Commission's review was for compliance with Rules D, E, G, and I. At their October 2020 meeting the Commission approved Phase I grading on the north 14-acre area conditioned that: a) the applicant accepts any and all risks for any changes required to obtain final approval by the Commission and b) that the City of Dayton grants approvals for said grading, and to deny the remainder of the application unless the applicant extends the review deadline beyond the current October 21, 2020 deadline. The applicant extended the deadline to November 30, 2020. Updated site plans received November 16, 2020 met the contingencies of the Commission approval with the exception of the post development infiltration basin percolation test requirements. At their December meeting the Commission approved the updated plans contingent upon post-development percolation tests being provided on infiltration basins to demonstrate the constructed infiltration rate meets or exceeds the design infiltration rates.

On March 4, 2021 Nico Cantarero reported that Ione Gardens constructed their 1st addition of approximately 30 homes along the northern portion of the site. The developer has indicated plans to grade the remainder of the site and construct the 2nd addition of the development in 2021 which would include the second access to the site onto North Diamond Lake Road.

- av. 2020-009 Stetler Barn, Medina. This site disturbs approximately 3.5 acres and must meet Commission Rules D, E, and I. Because of the limited available space for pasture, paddocks and land application of manure, understanding how these components will be managed is also an important part of the review. A complete plan was received on April 22, 2020. At their May 13, 2020 meeting the Commission approved this project contingent upon: 1) The landowner continuing to work with the U of M Extension Office and Hennepin County Rural Conservationist to finalize composting, pasture and paddock management plans and 2) A long-term pond/basin operation and maintenance plan and agreement with the City of Medina being approved by the City of Medina and the Commission. The agreement must be recorded on the land title with a copy of the recorded agreement provided to the Commission.
- aw. 2020-017 Meadow View Townhomes, Medina. This is a 22-acre site located south of Meander Road and north of Highway 55. Lennar Homes is proposing to build 125 townhomes with their necessary infrastructure on this site. A complete application was received May 29, 2020. The plans call for 7.64 acres of new impervious areas. The Commission's review was for conformance to Rules D, E, F, G, and I. At their October meeting, the Commission approved Staff's finding dated September 30, 2020, contingent upon (1) The mean (average) depth on the west wet-detention pond must be 4.0' or deeper; (2) Buffer strip monumentation and vegetation maintenance plans must conform to the Commission's requirements; (3) An operation and maintenance agreement of the stormwater ponds and irrigation system must be approved by the City and the Commission. Said agreement must be recorded on the property title with a copy of the recorded document provided to the Commission; and (4) Erosion and sediment controls must conform to Commission requirements. Since the approval, the City of Medina has requested the applicant provide abstraction by irrigation only, thus eliminating one filter basin. Staff reviewed the changes and found the updates to be in compliance with the Commission's original approvals for stormwater management and administratively approved the plans contingent upon item (3) above and added the condition that design information on the irrigation pump and augmentation water source must be provided within six months of this approval.
- **ax. 2020-023 Ziegler, Dayton.** This is an existing 4.73-acre commercial parcel located on Territorial Road near Holly Lane close to the Maple Grove/Dayton border. Currently the property consists of a building with bituminous drive and

RULE D - STORMWATER MANAGEMENT

Rule E - Erosion and Sediment Control

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H - BRIDGE AND CULVERT CROSSINGS
RULE I - BUFFERS

parking areas and a large gravel storage yard. The applicant is proposing to utilize the existing building, construct an additional commercial building, expand the bituminous parking lot, and add gravel lots for merchandise display and storage, triggering Commission rules D, E, G, and I. The Commission approved this project at their August 2020 meeting contingent upon wetland permitting being obtained and an Operation & Maintenance agreement being recorded on the land title. The wetland permit has been approved, but the O&M plan has yet to be received. On March 4, 2021, Nico Cantarero reported that Ziegler plans to construct their site improvements in 2021.

- **2020-025** Paulsen Farms, Corcoran. This is an 88-acre parcel located south of CR30 and east of Bechtold Road. Twenty (20) single family rural residential lots with 5.2 acres of new impervious areas are proposed on this site. This project triggered Rules D, E, and I. At their October 2020 meeting the Commission approved Staff's findings dated September 23, 2020 contingent upon: (1) rate control at culvert #3 must be equal to or less than pre-development rates for all storm events; (2) buffer strip monumentation conforms to the Commission's requirements; and (3) an operation and maintenance agreement must be created and approved by the City and the Commission. Said agreement must be recorded on the property title with a copy of the recorded document provided to the Commission. This project has been put on hold by the applicant. They have been informed that the approval expires October 14, 2021. On February 25, 2021, Kevin Mattson responded, no updates.
- **2020-027** Kariniemi Addition, Corcoran. This is a 12.7-acre parcel located on Lot 3, Block 1 of the Rolling Hills Acres subdivision (ECWMC Project 2019-030) about a mile north of Highway. 55 on the east side of Rolling Hills Road. The applicant proposes to create three lots with a shared driveway for access along the northerly portion of the property. Project work will disturb 2.6 acres and create 0.83 acres of new impervious areas. This project was approved by the Commission at their September 2020 meeting pending receipt of O & M plans. On February 25, 2021, Kevin Mattson responded, this project is anticipated for Spring 2021. City is aware of Commission approval contingency requirements.
- **2020-030 Nelson International, Corcoran**. This project would construct a new semi-truck and trailer dealership and center on a 22.4-acre site. The project will disturb 9.5 acres and create 6.6 acres of impervious surface. The existing condition is a single-family residence with 0.4 acres of impervious. The application was reviewed for Rules D, E, G, and I. In their findings dated November 4, 2020, Staff recommend approval contingent on submission and approval of an O&M agreement with the City and that a subsequent addition to the proposed structure shall be submitted for administrative review. The Commission approved Staff's recommendations at their December 9, 2020 meeting. On February 25, 2021, Kevin Mattson responded, this project is anticipated for Spring 2021. City is aware of Commission approval contingency requirements.
- **bb. 2020-032 Enclave Rogers Commerce Boulevard.**, **Rogers**. This project would create an apartment complex on a 3.3-acre site. The existing condition is undeveloped. The project will disturb the entire site and create *2.15* acres of impervious surface. The applicant is proposing an iron enhanced sand filter to meet Total Phosphorus removal requirements. The site is within two of the three outlots created as part of the adjacent former Lowe's development. The application was reviewed for Rules D and E. Staff granted administrative approval for grading contingent on applicant accepting risk for changes required for final approval and on approval from the City for grading activities. In their findings dated December 2, 2020, Staff recommended approval with those conditions, as well as submission of an O&M agreement for stormwater features, minor updates to the hydrology report, and minor updates to the SWPPP. The Commission approved Staff recommendations at their December 9, 2020 meeting.
- bc. 2020-033 Weston Woods, Medina. This project would create 150 residential units on a 135-acre undeveloped site. The project will disturb 49.2 acres and create 17.49 acres of impervious area. The Commission approved this project at their March 2021 meeting with four contingencies: a) Wetland replacement plans must be approved by the City of Medina (LGU), MN DNR and USACE prior to impacts, b) Provide quantification of the change in flood storage capacity for the one-percent annual chance flood event due to the proposed project, c) Provide documentation that changes in flood elevation and loss of floodplain storage have been avoided, minimized, and/or mitigated to the extent practicable. Demonstrate that changes in flood elevation will not cause high water or aggravate flooding on other land and, d) An O&M agreement for stormwater facilities, including irrigation pumping system components and augmentation wells system, must be approved by the City and the Commission and recorded within 90-days after final plat approval on the title to this property. A copy of the recorded agreements must be provided to the Commission.

Rule D - Stormwater Management

Rule E - Erosion and Sediment Control

RULE F - FLOODPLAIN ALTERATION

RULE G - WETLAND ALTERATION
RULE H — BRIDGE AND CULVERT CROSSINGS

RULE I - BUFFERS

- **bd. 2020-036 Balsam Pointe, Dayton.** This project would create 98 residential units on a 10-acre site near the intersection of Dimond Lake Road South and Dayton Road. The existing condition is undeveloped. The project will disturb the entire site and create 5.3 acres of new impervious. The application is being reviewed for Rules D and E. The Commission approved Staff's recommendations at their January 13, 2021 meeting contingent upon an O&M agreement meeting the Commission's standards being recorded on the land title.
- **2021-007** Birchwood 2nd Addition, Rogers. This project is east of CR13 (Brockton Lane) approximately 1/2 mile south of the intersection of CR 144 (141st Avenue North) and CR13. The applicant is proposing to develop the site into 30 single-family residential lots. The site drains south and east into Grass Lake. This work will disturb 10 acres and create 4.0 acres of new impervious area. At their April 2021 meeting the Commission approved this project contingent upon the final SWPPP being submitted prior to grading and receipt of any outstanding project review fees.

THIRD PARTY HUC-8 MODEL REVIEW

Member cities have noted significant differences between the flood elevations in their community hydrologic and hydraulic (XPSMWM) models and those included in the Elm Creek Floodplain Modeling and Mapping HUC-8 study.

Wenck/Stantec drafted a summary table that compares the approximately 80 hydraulic structures modeled in the HUC-8 study based on assumptions with information aggregated from utility datasets and the State Aid Bridge Information Tool (developed by MNDOT to assist local State Aid agencies by displaying bridge [and culvert] information on an internet-based map). Wenck/Stantec staff have contacted members of the TAC to request available information about the remaining hydraulic structures and will issue a report after the MNDNR has scheduled the Flood Risk Review Meeting to provide cities as much time as possible to respond to the data request.

Updating the Natural Resources Strategic Plan

Hennepin County is in the process of updating the Natural Resources Strategic Plan, which will define our natural resources goals and strategies for the next 10 years.

The plan guides the county's work to improve, protect, and preserve natural resources and provides a framework for our natural resources policies, programs, and partnerships.

We need your input

We all play a role in protecting our natural resources, and we need to hear from you as we update the Natural Resources Strategic Plan. We will be seeking input from the community throughout the year-long plan development process to ensure your values and priorities are reflected.

Current feedback opportunities

Take our survey by August 1, 2021, to help shape priorities and let us know how you would like to be engaged in the update of the plan.

Stay up to date

Sign up for Natural Resources Strategic Plan email updates to stay informed of the process and opportunities to provide feedback at each step.



See the Natural Resources Strategic Plan update factsheet (PDF) for a summary of the process and timeline

Questions or comments about the plan? Contact

kristopher.guentzel@hennepin.us

Phone: 612-596-1171

Open all

About the plan and the county's role in protecting natural resources

From lakes and rivers to urban parks, forests and pairies, Hennepin County has an abundance of diverse landscapes and natural resources. These natural resources provide critical habitat for wildlife, protect water quality, offer recreational opportunities, and enhance our collective quality of life.

About the Natural Resources Strategic Plan

The updated Hennepin County Natural Resources Strategic Plan will define our natural resources goals and strategies for the next 10 years.

The Hennepin County Natural Resources Strategic Plan guides the county's work to improve, protect, and preserve natural resources and provides a framework for our natural resources policies, programs, and partnerships.

The plan guides the duties and authorities of the Soil and Water Conservation District, a role that Hennepin County fulfills. The plan also includes science and data-based information to guide staff in addressing the technical issues facing surface waters, groundwater, natural resources, wildlife, and soils of Hennepin County.

Review the current <u>Natural Resources Strategic Plan (PDF)</u>, which was adopted by the county board in May 2016.

Hennepin County's role in protecting natural resources

Work the county does to protect land and water resources includes:

- Protecting and restoring natural areas, including managing and acquiring conservation easements to permanently protect the best remaining natural areas in the county
- Protecting and restoring wetlands, including enforcing the state's Wetland Conservation Act
- Improving water quality by partnering with local watershed management organizations and cities
- Preventing the spread of noxious weeds and aquatic invasive species by conducting inspections, educating residents, and working with partners on projects
- Improving and diversifying the tree canopy by growing, planting and maintaining healthy trees,
 working with partners on large-scale planting events and through grants, managing threats to the tree canopy, and educating the public
- Educating residents and providing technical and financial assistance to landowners on topics such as sustainable landscaping, agricultural best management practices, soil health initiatives, and other practices to protect water quality and wildlife habitat
- Managing navigational buoys and public access points for several public waters, including Lake Minnetonka, Lake Independence and Lake Sarah

Plan update process and timeline

The updated plan will seek to better align with new county initiatives, shifting demographics, and changing landscapes. This is the first opportunity to incorporate the county's climate and racial equity priorities into the foundation of the plan.

Staff are planning the update process now. We anticipate four phases, each of which will include community engagement.

Staff are committed to listening to understand community values about natural resources, learn about their priorities, and identify emerging issues or concerns that should be considered in the plan.

Each phase will include opportunities for the public to offer feedback and stay up to date on the progress toward the adoption of the updated plan. A variety of engagement tools will be used throughout the process, including surveys, meetings, and one-on-one conversations. Staff will share updates on the county's website and through social media and local news outlets.

Phases and timeline

Updating the Natural Resources Strategic Plan



Phase 1 – Information gathering: Summer and Fall 2021

• Create awareness about the county's process to update the plan and gather information about how the community wants to be engaged in the plan update.

- Listen to understand what the community values about natural resources, learn about their priorities, and identify emerging issues or concerns that should be considered in the plan.
- Finalize the plan update process and draft the goals, objectives, and strategies for the plan.

Phase 2 – Development: Winter 2021

- Share the draft goals, objectives, and strategies for the plan and gather feedback on what the community likes and areas for improvement.
- Gather feedback on what the community likes and areas for improvement to inform the drafting of the plan.
- Conduct county board briefing.

Phase 3 – Review: Spring 2022

- Share the draft plan and seek more detailed comments on plan's contents.
- Review the feedback received and make final edits to the plan.
- Discuss changes with commissioners and seek feedback on remaining issues.
- Submit for board consideration and adoption.

Phase 4 – Adoption: Summer and Fall 2022

- Conduct final public comment process where the board will consider any final feedback and decide if any additional updates are needed to the plan.
- Plan adopted by the county board.

Advisory groups

About the advisory groups

Staff are convening advisory groups comprised of county staff and external partners to provide ongoing feedback on the plan development.

County staff are in the process of forming these groups. More details will be shared once the groups are established.

Internal collaboration group

A group of county staff from across lines of business will provide guidance on existing partnerships within the county and suggest new opportunities for collaboration.

External partnership group

A group of external partners will include representatives from local and state government, federal agencies, local institutions, nonprofit organizations, and residents. The group will help define the plan's vision, establish partnership goals, suggest opportunities for collaboration, and identify gaps and roles for the county's natural resources programs and services.