

To keep our partners better informed of our activities in the district, we've committed to providing regular snapshots. This installment includes announcements and highlights of recently completed projects and programs.

ACD's mission is to: Holistically conserve and enhance Anoka County's natural resources for the benefit of current and future generations through partnership and innovation.

**Strong partnerships. Innovative solutions.
Healthy environments.**

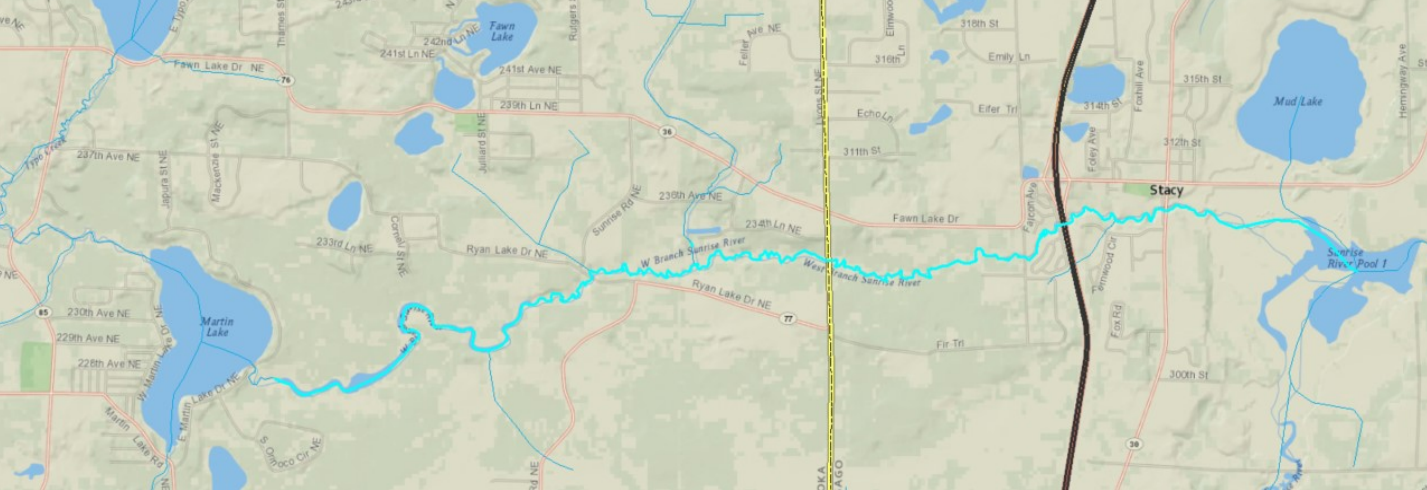
1318 McKay Dr. NE, Suite 300, Ham Lake, MN 55304
Ph:763-434-2030

www.AnokaSWCD.org

Removed from Minnesota Impaired Waters List: West Branch Sunrise River!

The Minnesota Pollution Control Agency recently released their update of the State's impaired waters list, which occurs every two years. Among the success stories was the West Branch of the Sunrise River in Anoka County and Chisago County. This stretch of river has officially been removed from the impaired waters list, thanks in large part to efforts of the Anoka Conservation District!

The portion of the river from Martin Lake to Pool 1 was listed as impaired for high pH. High pH was due to high nutrients and algae in Martin Lake just upstream. ACD's work Martin and Typo Lakes has led to pH returning to acceptable levels.



Work at the upstream lakes has been ongoing for more than 10 years. It has included rain gardens, stormwater ponds, and carp management. Both Martin and Typo Lakes have improving water quality trends, and Martin Lake has on average met state water quality standards for nutrients the last five years. With additional upcoming work, ACD hopes that Martin Lake is delisted in 2023. Partners in that work have included the Sunrise River Watershed Management Organization, Linwood Township, the Martin Lakers Association, and others.

Other Anoka County waterbodies being delisted include Howard Lake and the Mississippi River from the northwest city limits of Anoka to the Rum River. Howard Lake was impaired for excessive nutrients, and the Rice Creek Watershed District has led implementation of projects to improve it. The section of the Mississippi River was impaired for fecal coliform bacteria. There, improvements may be due to a variety of work by many who care about the Mississippi, and the City of Anoka's efforts to treat stormwater locally.

For more information contact Jamie Schurbon, jamie.schurbon@anokaswcd.org, 763-434-2030 x210

Rice Creek Bank Stabilization Project in the City of Fridley

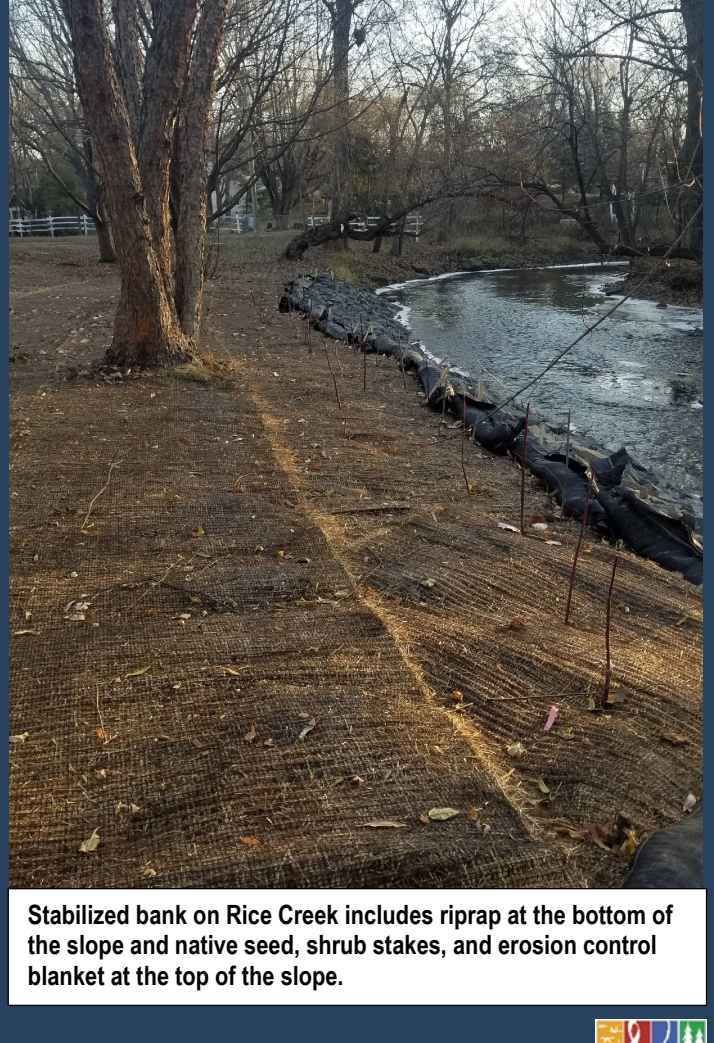
The Brua property located on Rice Creek in Fridley had approximately 85 linear feet of streambank with active erosion. Sediment and nutrients from the eroding bank directly entered Rice Creek. While the erosion severity was classified as moderate, the landowners observed the bank receding over the last several years, particularly during periods of extended high water. By being proactive and addressing the erosion at an early stage, they can minimize the overall cost of the project as well as the sediment and nutrient loading to Rice Creek.

The stabilization solution used a minimal amount of riprap and native plantings to stabilize the eroding face. The shady conditions of the site, frequent water level fluctuation, and flowing water required a hard armoring solution along the bottom portions of the slope. Native species well adapted to frequent water level fluctuations and shady conditions were planted above the riprap to soften its appearance and provide a vegetated buffer with habitat value (see picture to right).

Stabilization of the shoreline will provide reductions in the total suspended solids (2,838 pounds per year reduction) and total phosphorus (1.21 pounds per year reduction) reaching Rice Creek. In addition to the water quality benefits to Rice Creek, downstream waterbodies (Locke Lake and the Mississippi River) will also benefit.

The project was funded through a combination of the Rice Creek Watershed District's Water Quality Grant Program and the landowner.

For more information please contact Mitch Haustein, mitch.haustein@anokaswcd.org, 763-434-2030 x150



Stabilized bank on Rice Creek includes riprap at the bottom of the slope and native seed, shrub stakes, and erosion control blanket at the top of the slope.

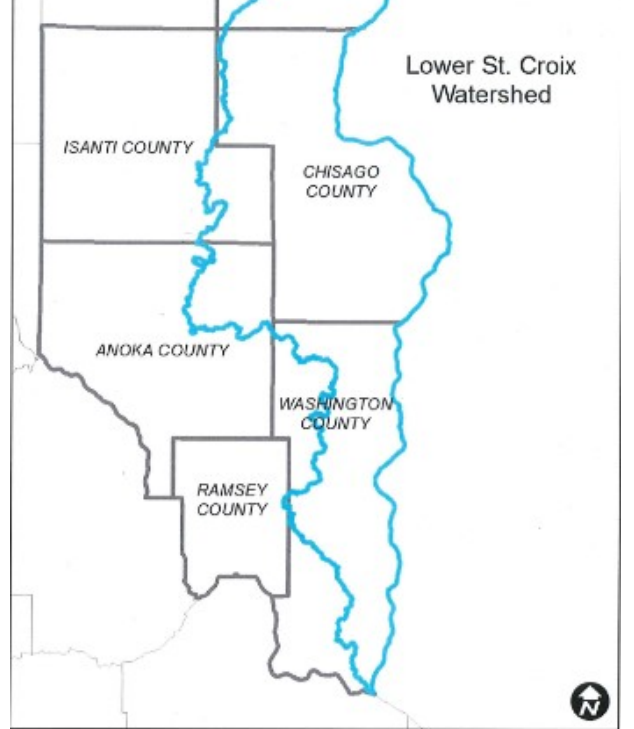


ACD is Part of (another) Award-Winning Conservation Partnership!

The Lower St. Croix Partnership, formed through the "One Watershed, One Plan" process, has been selected to receive a County Conservation Award from the Association of Minnesota Counties (AMC). The award, developed in partnership with the Minnesota Board of Water and Soil Resources (BWSR), recognizes leadership, innovation, and excellence in protecting or improving natural resources.

This year's award recognized the partnership's success forging relationships that cross the urban-rural divide, and working collaboratively to protect and improve the St. Croix River, groundwater, lakes, streams, rivers, wetlands, and upland habitat. The partnership is sharing regional education staff and a regional agricultural outreach specialist.

We are also completing a wide variety of water quality projects including stormwater treatment, erosion stabilization, enhanced street sweeping, and many more. The group follows a 10-year management plan they created together, and utilizes state grant funding for much of its work.



The Anoka Conservation District and Sunrise River Watershed Management Organization represent the Anoka County area in the Lower St. Croix partnership. Learn more at lsc1w1p.org.



Rum Riverbank Stabilization Project in Oak Grove

A project stabilizing 400 linear feet of severely eroding Rum Riverbank is complete in Oak Grove! Construction was completed in November which included;

- Installation of 850 tons of rock riprap
- Grading the bank to a more stable slope
- Blanketing and seeding with a native seed mix
- Planting native willows and dogwood trees
- Blanketing the soil with straw to protect it until the vegetation grows



Prior Bank Condition

The project was funded by an Outdoor Heritage Fund grant through the Lessard Sams Outdoor Heritage Council, as well as match dollars from the landowner and Anoka County. The Outdoor Heritage Fund is one of 4 funds created by the Clean Water, Land and Legacy Amendment. This project will prevent approximately 140 tons of sediment per year from washing into the river, and will enhance wildlife habitat along 400 feet of riverbank that had been a non-traversable eroding face prior.



Construction complete! Now we wait for green-up in the spring

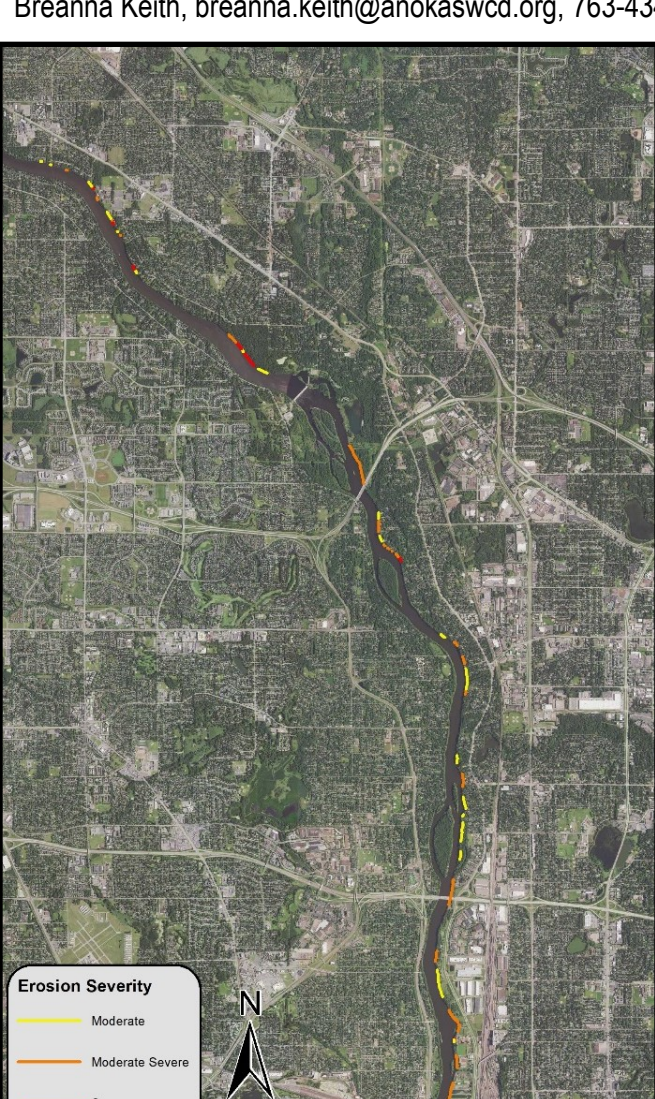
Stay tuned for more photo updates as the project greens up this coming spring!

Mississippi River Erosion Inventory Highlights Bank Stabilization Needs, Gives Project Opportunities

The Mississippi River fulfills the water resource needs of millions of people and provides hydrological and habitat benefits of national significance. It is a powerful waterbody that has shaped the U.S. landscape for millions of years. Erosion is a naturally occurring process in flowing water systems such as the Mississippi River, but it can become exacerbated with increases in extreme weather events and in developed areas where stormwater networks contribute to increased surface water volumes. Bank erosion can threaten adjacent urban and agricultural infrastructure and contributes to sediment and nutrient loading that impacts local water quality. Thus, riverbank stabilization practices that minimize erosion serve as mechanisms to combat these environmental challenges.

Using 360° photos captured from a watercraft on the Mississippi River, ACD identified the location and severity of eroded banks spanning from Coon Rapids to Fridley. Altogether, nearly 50 separate stretches of moderately to severely eroded banks were identified, collectively contributing to an estimated 8,517 tons of sediment inputs to the river each year. These stretches were, present along both private and public properties dense residential areas to expansive county parks. A recommended stabilization approach and corresponding project cost estimate was applied to each eroded bank, thus providing cost: benefit scenarios for each potential stabilization project and facilitating the strategic pursuit of those which maximize environmental benefits.

These findings are detailed in a comprehensive report located here, which also includes further details on ACD's erosion inventory methodology, profile pages for each potential stabilization project, and information on a variety of riverbank stewardship and stabilization approaches. To view examples of completed stabilization projects identified through previous erosion inventories, view our interactive projects map here. For more information please contact Breanna Keith, breanna.keith@anokaswcd.org, 763-434-2030 x160





AGENDA

SUPERVISOR REGULAR BOARD MEETING
1318 MCKAY DR. NE SUITE 300, HAM LAKE
MONDAY, DECEMBER 20, 2021, 5PM

Remotely Join ACD Board Meeting:

The ACD Board meets on-site. If you are interested in attending remotely, please contact Kathy.Berkness@AnokaSWCD.org

4:30 Supervisor Training - None Offered

5:00 - Regular Meeting – START RECORDING THE MEETING **Public Comments**

Approve the December Agenda - Call for additions, deletions, or transferring consent agenda items to the regular agenda

Consent Agenda

- A. Approval of Regular November Board Meeting Minutes
- B. Review of Staff Activity Reports and Programs
- C. Approval of November Financial Reports

Committee Meetings

- D. Personnel Meeting December 13, 2021
- E. Finance Committee Meeting: December 15, 2021

New Business Informational Items

- F. BWSR Plaque Commemorating ACDs 75th Anniversary
- G. Watersheds/MASWCD Convention
- H. Partner Report
- I. Climate Change – (requested by Truchon)
- J. Campaign Finance and Public Disclosure Memo
- K. No Mow May (requested by Werdien)

New Business-Action Items

- L. Rum River Enhancement (OHF) Miller Riverbank Stabilization Payment #1
- M. Lawns to Legumes Payment
- N. 2022 Fee Schedule
- O. 2022 Handbook
- P. SSTS NRBG Requests
- Q. Burman WMA Amendment Request
- R. Sunrise River Chain of Lakes Carp Management Project Payment Approval
- S. Martin and Coon Lake Retrofits Contractor Payment
- T. Martin Lakeshore Stabilization Contractor Payment and Contract Extension
- U. WSB Contract Amendment for the Sunrise River Chain of Lakes Carp Mgmt. Project
- V. Appoint Representative to Rum Metro WBIF Grants Process
- W. Pollinator Habitat Reimbursement Request
- X. Memo Lab Selection

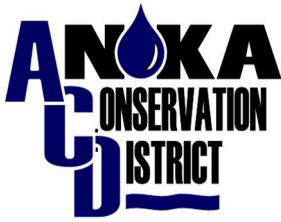
Additions

- Y.
- Z.
- AA.

Pay Bills

FYI /Meetings

- December 24, ACD Christmas Holiday
- December 31, ACD New Year's Holiday
- January 18, ACD Board Meeting Ham Lake 5pm



BOARD MEETING MINUTES

DATE: NOVEMBER 15, 2021

TIME: 5:00 PM

LOCATION: ACD OFFICE: 1318 MCKAY DR NE
HAM LAKE MN 55304

Members Present: Mary Jo Truchon, Chair
Jim Lindahl, Vice Chair
Sharon LeMay, Secretary
Glenda Meixell, Treasurer
Colleen Werdien, Supervisor

Others Present: Chris Lord, District Manager
Kathy Berkness, Office Administrator

Chair Truchon Called the meeting to order 5:03pm

Public Comments – None.

Approve the November Agenda - Call for additions, deletions, or transferring consent agenda items to the regular agenda. Additions noted (P) MASWCD Resolution Ballot, (Q) Outreach Position, (R) Lawns to Legumes Grant Program

- Meixell moved to approve the November Agenda. LeMay seconded the motion. All eyes, motion carried.

Consent Agenda

A. Approval of October Minutes

B. Review of the Staff Activity Reports

C. Approval of the October Financial Reports

- Werdien moved to approve the consent agenda. Lindahl seconded the motion. All eyes, motion carried.

New Business-Information Items

D. BWSR Plaque Commemorating ACD's 75th Anniversary

Berkness realized that BWSR requested to be added to the December agenda to present the award and she mistakenly added it to the November agenda.

- Lindahl moved to table the BWSR Plaque Commemorating ACD's 75th Anniversary. LeMay seconded the motion. All eyes, motion carried.

E. MASWCD Convention

The Board reviewed all the convention materials and discussed attendance and accommodations. Both Meixell and Werdien expressed interest in staying at the Double Tree Hotel Sunday and Monday night. The Board also discussed extending an invitation to the City of Anoka for the Outstanding Conservationist banquet. The Board came to a consensus to extend an invitation to up to three City of Anoka employees and officials. Lord stated he would reach out to the city.

F. Partner Report

The Board reviewed the report provided in advance by NRCS District Conservationist Christopher Hogge.

G. Watershed Meetings

The Board discussed watershed organization meeting attendance as follows:

- Jim Lindahl; CCWD Advisory Committee Meeting –Attended the Meeting

- Sharon LeMay; Lower St. Croix 1W1P – There will not be another St. Croix 1W1P until January
- Glenda Meixell; MWMO Citizens Advisory Meeting – Went to Area IV meeting and the MWMO
- Collen Werdien; LRRWMO & Rum River 1W1P – Attended the URRWMO Meeting
- Mary Jo Truchon; Rice Creek Watershed District Citizen’s Advisory Committee – Attended the meeting

New Business – Informational Items

H. Climate Change

Truchon asked if the District employees would come up with a short list on how to combat climate change in the day-to-day activities at ACD and provide the outcome at the December meeting.

I. BWSR Grant Agreements

- Meixell moved to approve the 2022 & 2023 State of Minnesota Board of Water and Soil Resources Conservation Delivery and State Cost Share Grant Agreement PO #3000013674 as listed below. Werdien seconded the motion. All ayes, motion carried.

<i>This grant is for the following Grant Programs :</i>		
P22-5481	2022 - Conservation Delivery (Anoka CD)	\$20,765
P23-5571	2023 - Conservation Delivery (Anoka CD)	\$20,765
P22-5661	2022 - State Cost-Share Fund (Anoka CD)	\$11,107
P23-5751	2023 - State Cost-Share Fund (Anoka CD)	\$11,107
Total Grant Awarded: \$63,744		

- Lindahl moved to approve the 2022 State of Minnesota Board of Water and Soil Resources Local Capacity Services and the Buffer Law Grant Agreement PO #3000013843 as listed below. LeMay seconded the motion. All ayes, motion carried.

<i>This grant is for the following Grant Programs:</i>		
P22-6081	2022 - SWCD Local Capacity Services (Anoka CD)	\$131,300
P22-6171	2022 - Buffer Law (Anoka CD)	\$8,500
Total Grant Awarded: \$139,800		

- LeMay moved to approve the 2022 & 2023 State of Minnesota Board of Water and Soil Resources Natural Resource Block Grant Agreement PO #3000013991 as listed below. Lindahl seconded the motion. All ayes, motion carried.

<i>This grant is for the following Grant Programs :</i>		
P23-6714	2023 - Shoreland-NRBG (Anoka CD)	\$2,615
P22-6799	2022 - Septic Treatment Systems - NRBG (Anoka CD)	\$18,600
P22-6281	2022 - Local Water Management - NRBG (Anoka CD)	\$8,094
P22-6884	2022 - Septic Treatment Systems Upgrade - NRBG (Anoka CD)	\$34,876
P23-6368	2023 - Local Water Management - NRBG (Anoka CD)	\$8,094
P22-6936	2022 - BWSR Septic Treatment Systems (Anoka CD)	\$25,450
P22-6455	2022 - Wetland Conservation Act - NRBG (Anoka CD)	\$63,191
P23-6542	2023 - Wetland Conservation Act - NRBG (Anoka CD)	\$63,191
P22-6629	2022 - Shoreland-NRBG (Anoka CD)	\$2,615
Total Grant Awarded: \$226,726		

To promote the Rum RIM program, BWSR is offering a modest grant for staff. This is a program for establishing Conservation Easements in the Rum River Watershed.

- Werdien moved to approve the State of Minnesota Board of Water and Soil Resources Professional and Technical Services Master Joint Powers Agreement as listed below. Meixell seconded the motion. All ayes, motion carried.

Consideration and Payment

4.1 Consideration. The total of all Work Order Contracts will not exceed **\$17,000,000.00 (Seventeen Million Dollars)**. The State will pay for all services satisfactorily performed by the SWCD for all Work Order Contracts issued under this MJPA. The total compensation for an Individual Work Order Contract will not exceed **\$100,000.00 (One Hundred Thousand Dollars)**.

Easement Delivery – per easement, paid annually, not to exceed	\$ 100
Easement Acquisition	
Phase 1	\$1,000
Phase 2	\$1,000

J. Mississippi River Stabilization (CWF Round 2) Grant Amendment

The Board reviewed a memo and a contract amendment prepared by Stormwater and Shoreland Specialist Mitch Haustein. Lord explained the amendment stating originally the project was installed and shortly thereafter damaged because of high water and ice. The grant was then extended until 12/31/21 to fix everything. The planned barge needed to facilitate the correction of the riverbank stabilization could not be used as the water was too low. The other options were not practical, thus an extension to 12/31/22 is required.

- Lindahl moved to authorize the Board Chair to execute the grant agreement amendment extending the deadline to December 31, 2022 for CWF grant #C18-2864. Werdien seconded the motion. All ayes, motion carried.

K. Carp Solutions Contract – Sunrise River Chain of Lake Carp Management

The Board reviewed material provided by Schurbon about a payment to Carp Solutions for Carp Management.

- Meixell moved to approve \$21,480.00 payment of invoice “ACD_10-22-21” and “ACD3_Ratitags” both dated 10/22/2021 to Carp Solutions LLC for services provided to under the Sunrise River Chain of Lake Carp Management Services 2021 contract. Lindahl seconded. All ayes, motion carried.

L. OHF Rum Riverbank Stabilization Grant – Washington Conservation District invoice #3 (WCD)

The Board reviewed a memo and related correspondence prepared by Water Resource Specialist Jared Wager related to a payment to WCD for engineering services provide for the OHF Rum Riverbank Stabilization Grant.

- Lindahl moved to approve payment of \$1,268.74 for WCD invoice #5408 (project invoice #3) for engineering services provided under the WCD-ACD. Werdien seconded the motion. All ayes, motion carried.

M. Invasive Species Cost Share Reimbursement

The Board reviewed a memo prepared by Restoration Ecologist Carrie Taylor related to Invasive Species reimbursements.

- Meixell moved to reimburse Falkner \$220.00 using ACWMA funds, Toghramadjan \$220.00 using ACWMA funds and Hadsall \$110.00 using 2021 MDA funds. Lindahl seconded the motion. All ayes, motion carried.

N. Lawns to Legumes Reimbursements

The Board reviewed a memo prepared by Taylor related to Lawns to Legumes reimbursements.

- Lindahl moved to reimburse Heidi Ferris \$750.00, Wayne Hawkinson \$1,500.00 and Ellen Johnson \$750.00 for eligible Lawns to Legumes expenses. LeMay seconded the motion. All ayes, motion carried.

O. Well Sealing Contract Amendment

The Board reviewed a memo prepared by Water Resource Technician Kris Larson requesting an amendment to the well sealing contract. Lord explained that the original estimate for sealing the well was much less than the actual work that had to be completed as there were unforeseen labor and expense.

- Meixell moved to approve the amendment to agreement increasing landowner funding from 60% to 75% of total project cost. LeMay seconded the motion. All ayes, motion carried.
- Lindahl moved to approve the amendment to agreement increasing the total project cost from \$915.00 to \$3,168.21. LeMay seconded the motion. All ayes, motion carried.

P. Well Sealing Cost Share Payment

The Board reviewed a memo prepared by Larson requesting approval for a well sealing cost share reimbursements. Lord pointed out that the previous motion amending the contract was in need before payment is made to Meyers.

- Lindahl moved to approve reimbursement for well sealing cost share payments listed below. Meixell seconded the motion. All ayes, motion carried.

Activity Name	Budget	
	Reimbursement Amount	Total Project Cost
CWFWS-2021-22-Fridley-Meyers Pete Meyers	\$ 2,376.15	\$ 3,168.21
CWFWS-2021-23-Fridley-Burdick Dora Burdick	\$ 1,759.20	\$ 2,932.00
CWFWS-2021-25-Blaine-Ryan James Ryan	\$ 720.00	\$ 1,200.00

Q. MASWCD Resolutions

The Board reviewed the resolution ballot. Lord provided detail about some of the resolutions that were in question. Further stating when reviewing the resolutions he looks at things in a different light such as asking whether or not MASWCD is the a good entity to address the issue.

R. Outreach and Engagement Coordinator Position

Lord provided the Board with Emily Johnson’s exit interview take-away. The Board discussed. Lord stated he wanted to have the exit interview first before moving forward with recruitment for the position. He has a better feel after meeting with Johnson and will have the recruitment material ready at the December meeting.

S. Lawns to Legumes Community Grant

Werdien inquired of Taylor would be applying for another Lawns to Legumes grant. Lord explained that she had planned on applying as there is a lot of interest. Werdien inquired if it

was a conflict of interest if she applied for a grant. Lord explained that she has every right to apply as an individual suggesting applying through Metro Blooms.

PAY BILLS

- Meixell moved to approve electronic payments EP1544 - EP1555 & DD2281 - DD2406 & check numbers 15515 -15645. Werdien seconded the motion. All ayes, motion carried.

The Board reviewed the FYI meetings.

FYI /Meetings

- November 25 & 26 – Thanksgiving Holiday
 - December 12-14 - MASWCD Convention – Double Tree in Bloomington
 - December 20 - ACD Board Meeting Office in Ham Lake 5pm
 - December 24 – ACD office closed for Christmas Holiday
 - December 31 – ACD office closed New Year’s Holiday
-
- Anoka County WROC Events - Go to Anoka SWCD website Click on “Outreach” then “Events” from Dropdown (direct link: <https://www.anokaswcd.org/index.php/educational/events.html>)
- Lindahl moved to adjourn at 6:42pm. Meixell seconded the motion. All ayes, motion carried.

Prepared by Kathy Berkness, Office Administrator

Date

Approved as to form and content by Mary Jo Truchon, Chair

Date