



Please note the meeting will be held in person at the Carver County Government Center on the Wednesday, November 15, 2023. The meeting will also be available virtually using this [link](#).

LOWER MINNESOTA RIVER WATERSHED DISTRICT

Lower Minnesota River Watershed District

7:00 PM

Wednesday, November 15, 2023

Carver County Government Center

602 East Fourth Street, Chaska, MN 55318

Agenda Item	Discussion
1. Call to order	A. Roll Call
2. Approval of agenda	
3. Citizen Forum	<p><i>Citizens may address the Board of Managers about any item not contained on the regular agenda. A maximum of 15 minutes is allowed for the Forum. If the full 15 So are not needed for the Forum, the Board will continue with the agenda. The Board will take no official action on items discussed at the Forum, with the exception of referral to staff or a Board Committee for a recommendation to be brought back to the Board for discussion or action at a future meeting.</i></p>
4. Consent Agenda	<p><i>All items listed under the consent agenda are routine by the Board of Managers and will be enacted by one motion and an affirmative vote of a majority of the members present. There will be no separate discussion of these items unless a Board Member or citizen request, in which event, the items will be removed from the consent agenda and considered as a separate item in its normal sequence on the agenda.</i></p> <p>A. Approve Minutes October 18, 2023 Regular Meeting</p> <p>B. Receive and file October 2023 Financial report</p> <p>C. Approval of Invoices for payment</p> <ul style="list-style-type: none"> i. Clifton Larson Allen (CLA) – Financial services through October 2023 ii. TimeSavers Off Site Secretarial – Preparation of Oct 2023 meeting minutes iii. Rinke Noonan – October 2023 Legal Services iv. Daniel Hron – November 2023 office rent v. US Bank Equipment Finance – November 2023 copier lease payment vi. Young Environmental Consulting Group, LLC – October 2023 technical, and Education & Outreach services vii. Naiad Consulting, LLC – October 2023 administrative services, mileage & expenses viii. 106 Group – September 2023 services related to Area #3 ix. 106 Group – September 2023 services related to Vernon Avenue x. Bolton & Menk – September 2023 services related to Vernon Avenue xi. WSB – property acquisition services for Area #3 xii. Scott County SWCD – Q2 2023 monitoring, TACS & Education Services

	<ul style="list-style-type: none"> xiii. Metropolitan Council Environmental Services – 2023 Ike’s Creek monitoring services xiv. HDR Engineering – website updates and maintenance xv. Newman Sign, Inc. – Fabrication of Riley Creek signs xvi. 4M Fund – September 2023 Bank service charges D. Report on Citizen Advisory Committee E. LMRWD Permit Renewals F. LMRWD Permit Program Summary G. Authorize execution of Addendum to Recording Secretary Agreement H. Authorize reimbursement request for Appletree Condominiums Cost Share I. Approve Cost Share Application for 1880 Christy Drive, Carver J. Authorize removal of Manager Hartmann and addition of President Barisonzi as signatory to LMRWD financial accounts
5. New Business/ Presentations	<ul style="list-style-type: none"> A. Boundary Adjustment at MSP airport between LMRWD and Minnehaha Creek Watershed Districts B. Water Resource Restoration Fund Program C. Set 2024 Meeting Schedule
6. Old Business	<ul style="list-style-type: none"> A. 2021/2022 Financial Audit B. Lower Minnesota River East One Watershed One Plan C. City of Carver Levee D. Dredge Management <ul style="list-style-type: none"> i. Dredging at mouth of MN River ii. Sale of Dredge Material iii. Private Dredge Material Placement iv. Vernon Avenue reconstruction and culvert replacement project E. Watershed Management Plan F. 2024 Legislative Action G. Education & Outreach H. LMRWD Projects <p><i>(only projects that require Board action will appear on the agenda. Informational updates will appear on the Administrator Report)</i></p> <ul style="list-style-type: none"> i. Area #3 ii. Spring Creek I. Permits & Project Reviews <p><i>(only projects that require Board action will appear on the agenda. Informational updates will appear on the Administrator Report)</i></p> <ul style="list-style-type: none"> i. ACE Rent a Car (LMRWD No. 2022-022) – After the Fact Permit ii. Vernon Avenue Improvements and Access Road Culvert Replacement Project (LMRWD 2023-023) iii. 535 Lakota Lane, Chanhassen – work without a permit
7. Communications	<ul style="list-style-type: none"> A. Administrator Report B. President C. Managers D. Committees E. Legal Counsel F. Engineer
8. Adjourn	Next meeting of the LMRWD Board of Managers is 7:00 pm Wednesday, November 15, 2023.

Upcoming meetings/Events

Managers are invited to attend any of these meetings. Most are free of charge and if not the LMRWD will reimburse registration fees.

- Lower MN River East 1W1P Steering Committee meeting – Wednesday, November 15, 2023, 10:00 am to 12:00 noon – [virtual](#)
- UMWA (Upper Mississippi Waterway Association) monthly meeting – November 16, 2023, 11:30 pm, Lilydale Pool & Yacht Club
- Lower MN River East 1W1P Policy Committee meeting – October 19, 2023, 3:00pm to 5:00 pm, hybrid on at 181 W Minnesota Street, Le Center, MN or virtual (MS Teams)
- [MN Watershed Annual Conference and Tradeshow](#) – November 28 – December 1, 2023, Arrowwood Conference Center – Alexandria
- LMRWD Citizen Advisory Committee meeting – Tuesday, December 5, 2023, 4:30pm, location TBD
- River Resource Forum – Tuesday & Wednesday, December 5 & 6, 2023, MN Valley National Wildlife Refuge Visitor Center 3815 American Boulevard, Bloomington

For Information Only

- **WCA Notices**
 - Scott County – City of Shakopee, MnDOT – Notice of Application – Marystown Rd./TH 169
 - Scott County – City of Savage – Wetland delineation extension for PIDs 269170232 and 265290020 (McCull & Dakota Avenue S.)
 - Hennepin County – City of Bloomington – Notice of Application for Tarnhill Pond maintenance – Normandale Boulevard & 102nd Street
 - Scott County – City of Shakopee – Notice of Decision – delineation for PIDs 270430181 & 279120240 (Maras Street)
 - Hennepin County – City of Bloomington – Notice of Decision – South-Loop – 3500 89th Street East, Bloomington
 - Hennepin County – City of Bloomington – Notice of Decision – Lower Lyndale (Lyndale Avenue & 106th Street)
 - Hennepin County – City of Bloomington – Notice of Decision – Normandale Trail - Normandale Boulevard & 102nd Street
 - Scott County – City of Savage - TEP for 126th Street and Louisiana Avenue S.
 - Carver County – City of Chaska – Notice of Application – Engler Trail Gap
- **DNR Public Waters Work permits**
 - Dakota and Scott Counties – Cargill – dredging of up to 10,000 CY at Cargill West
- **DNR Water Appropriation permits**
 - Hennepin County – City of Bloomington – permit issued to temporary construction dewatering near intersection of East American Boulevard and 28th Avenue South to allow installation of sanitary sewer and other utilities
 - Hennepin County – City of Bloomington – permit for temporary construction dewatering to construct building at 2601 American Boulevard.
 - Scott County – City of Shakopee – administrative amendment to permit to reflect the legal form of the landowner’s name



Item 4A
LMRWD 11-15-2023

LOWER MINNESOTA RIVER WATERSHED DISTRICT

Minutes of Regular Meeting
Board of Managers
Wednesday, October 18, 2023
Carver County Government Center, 602 East 4th Street, Chaska, MN 7:00 p.m.
Approved _____

1. CALL TO ORDER

A. ROLL CALL AND ELECTION OF OFFICERS

On Wednesday, October 18, 2023, at 7:00 PM CST, in the Board Room of the Carver County Government Center, 602 East 4th Street, Chaska, Minnesota, President Hartmann called to order the meeting of the Board of Managers of the Lower Minnesota River Watershed District (LMRWD).

President Hartmann asked for the roll call to be taken. The following Managers were present: Manager Joseph Barisonzi, President Jesse Hartmann, Manager Theresa Kuplic and Manager Lauren Salvato. Manager Laura Amundson participated remotely. In addition, the following attended the meeting in-person: Linda Loomis, Naiad Consulting, LLC, LMRWD Administrator; Della Schall Young, Young Environmental Consulting Group, LLC, LMRWD Technical Consultant; Ted Suss, Eric Evenson, and Tom Crawford, Friends of the MN Valley; Lisa Frenette, Frenette Legislative Advisors; and Lori Cox, Carver WMO advisory board and BWSR Board.

John Kolb, Rinke Noonan, LMRWD Legal Counsel; and Manager Ben Burnett, Prior Lake Spring Lake Watershed District, attended the meeting virtually.

Election of Officers – This item was tabled at the September Board of Managers meeting, because of the absence of Manager Salvato. President Hartmann introduced this item. President Hartmann asked to step down from his role as President, as he has been President since 2018 and he would like to give others an opportunity.

Manager Salvato nominated Manager Barisonzi for President and Manager Hartmann for Assistant Treasurer. She then suggested that all other officers keep the office they currently hold: Manager Kuplic, Vice President; Manager Amundson, Treasurer and Manager Salvato, Secretary.

Manager Barisonzi made a motion to nominate for President - Manager Barisonzi; Vice President - Manager Kuplic; Treasurer - Manager Amundson; Secretary - Manager Salvato; and Assistant Treasurer – Manager Hartmann. Manager Kuplic seconded the nominations. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

2. APPROVAL OF THE AGENDA

Administrator Loomis noted that the invoice from Rinke Noonan, included on the agenda, was not in the meeting materials, but is at their seats. She requested that an invoice for preparation of the

September 20, 2023, meeting minutes from TimerSaver Off Site Secretarial be added to the agenda under Item 4. C. Approval of Invoices for Payment.

President Barisonzi made a motion to approve the agenda with the addition of the invoice for preparation of the September 20, 2023, meeting minutes from TimerSaver Off Site Secretarial of the August 16, 2023, meeting minutes from the agenda. Manager Hartmann seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

3. CITIZEN FORUM

Tom Crawford from River Watch, Eric Evenson from Friends of the Minnesota River Valley, Lori Cox from Carver County WMO Advisory Board and BWSR Citizen Rep board member, and Ted Suss from Friends of the Minnesota River Valley all came forward and introduced themselves to the Board.

4. CONSENT AGENDA

President Hartmann introduced the item.

A. Approve Minutes August 16, 2023, and September 20, 2023 Regular Meeting

B. Receive and file September 2023 Financial Report

C. Approval of Invoices for payment

- i. Clifton Larson Allen (CLA) - Financial services through September 2023
- ii. TimeSavers Off Site Secretarial – Preparation of August 2023 meeting minutes
- iii. Rinke Noonan, Attorneys at Law – September 2023 Legal Services
- iv. Daniel Hron – November 2023 office rent
- v. Frenette Legislative Advisors – August, September and October 2023 legislative services
- vi. US Bank Equipment Finance – October 2023 payment on copier lease
- vii. Young Environmental Consulting Group, LLC – September 2023 technical, and Education and Outreach services
- viii. Naiad Consulting, LLC – September 2023 administrative services, mileage, and expenses
- ix. Barr Engineering – September 2023 services related to Area #3 (wetland delineation & geotechnical investigation)
- x. 106 Group – September 2023 services related to Area #3
- xi. 106 Group – September 2023 services related to Vernon Avenue
- xii. Bolton & Menk – September 2023 services related to Vernon Avenue
- xiii. WSB – Property acquisition services for Area #3
- xiv. I & S Group, Inc. – August 2023 services related to Vernon Avenue Project
- xv. Star Tribune – publication of notice of public hearing
- xvi. State of Minnesota – publication of request for audit proposals
- ~~xvii. City of Burnsville – Willow Creek stabilization final payment request~~
- xviii. Dakota County SWCD – Q2 2023 monitoring, TACS & Education Services
- xix. 4M Fund – September 2023 financial service charges

D. Report on Citizen Advisory Committee

E. LMRWD Permit Renewals

F. LMRWD Permit Program Summary

Manager Hartmann made a motion to approve the Consent Agenda. Manager Salvato seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

5. NEW BUSINESS/PRESENTATIONS

A. 2024 LMRWD Work Plans

Administrator Loomis introduced and provided background on the 2024 work plans which were outlined in the 2024 budget that was approved at the September meeting.

Manager Hartmann asked if they will be taking action and approving these work plans this evening. Administrator Loomis stated that they do not necessarily have to approve the work plans but can discuss changes if necessary.

Manager Salvato suggested that the social media messaging that they are sharing needs to be more unique to the district's voice.

Ms. Young explained that there has been a lot of talk around social media and that it has been one of the most challenging items as they are starting from nothing with this. She shared that they are starting this out by covering all the bases that would normally be covered as a watershed district and then intertwining the specifics of the LMRWD. She added that they will share the quarterly social media posts with the managers and if there are changes the managers would like to make, they can let them know.

Manager Salvato added that it would be nice to highlight some of the cool things happening in the district on the social media pages.

Manager Amundson shared that it would be nice to see these projects scheduled out over the year to see where the focus is on a quarterly basis. She stated that these work plans are great. She thanked the team for putting these together. Ms. Young noted that they can create a timeline for these projects on a quarterly or bi-monthly basis to provide an update on the projects. She explained that they are currently submitting these projects at the end of the year or as the projects finish for the Board to see the final reports.

President Barisonzi added that this will help visualize the heavier time periods for these different projects. He agreed that he would like to see a quarterly or bi-monthly review of these projects. Ms. Young stated that they can definitely do this moving forward.

Ms. Young asked how frequently the Board would like to receive these reports. The Board stated that they would like a quarterly report with the continuation of the current practice that when there is a timeliness issue it will still be brought forward.

President Barisonzi shared that the depth of the work plans is very much appreciated and added that he learned a lot from reading them. He noted that he is excited to hear about the progress of these projects as it will help him increase his ability to share with others what the LMRWD does.

B. Discussion of Friends of the MN Valley funding request

Mr. Suss came forward and withdrew his request for funding for next year's County Fair project. He shared that they have reached out to the directors of SWCDs in the river basin and asked if

they would be interested in sharing a booth at the County Fairs with the Friends of the Minnesota River Valley, which has received some support. He shared the request for funding for the River Watch program.

Mr. Crawford reviewed the River Watch program with the Board. He stated that they have reached their capacity with their current funding and are requesting funding from the Board to work with more schools on the River Watch program.

Manager Salvato asked if the program is in the category of a volunteer monitor. Mr. Crawford explained that they have their own project number so the students are able to go enter the project number on the PCA database and see all of the River Watch data that has been collected since the program started. He noted that they have around 150 students who go out to the river in one day. He added that Prior Lake alone has generated a large amount of data.

Manager Salvato asked if this program is looking to get more lower income children into STEM. Mr. Crawford stated that this is definitely a priority for them. He added that they are now working with the All Nations Program to expand the diversity of the program.

President Barisonzi asked about the volume of the program. Mr. Crawford shared that during the 2022-2023 school year they worked with around 2500 kids and are around 700 kids so far this school year. He noted that they have different curriculums for elementary, middle, and high school students.

Mr. Suss reviewed the request for \$20,000 and how they would be able to expand the program with these funds.

Manager Hartmann noted that it is a priority of the district to collect chloride and asked if the students will be collecting this. Mr. Crawford stated that they have signed up for chloride tests from Salt Watch and they bring them out into the field with them. He noted that he does also send in this data. Mr. Suss added that they will be an official partner with Salt Watch soon.

The Board agreed that it would be important to them that chloride is added to this conversation and reporting structure.

Mr. Evenson shared that this funding is not only going to help the students, but also their parents, teachers, and friends. He noted that this will reach the whole sphere of the kids that are in these classes. He added that this will also help create a basis for future education of these kids and provide opportunities for them in the area of natural resources. He stated that this will also help give these students an understanding of natural resources.

Manager Kuplic shared that they are amazed that the high school students are helping teach this information to the younger students.

Manager Kuplic made a motion to support the proposal and authorize funding of \$20,000 for the 2023-2024 River Watch Program. Manager Salvato seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Hartmann, Kuplic and Salvato; the following voted against: None; President Barisonzi abstained.

Suss thanked the Board for their funding and support.

7. OLD BUSINESS

A. 2021/2022 Financial Audit

Administrator Loomis introduced this item and shared that the audit is still ongoing. She noted that they are hoping to have most of the audit wrapped up this week.

President Barisonzi asked if there had been any action taken against the previous auditor. Administrator Loomis stated that they have filed a formal complaint with the accountancy board regarding this auditor.

B. Lower Minnesota River East One Watershed One Plan Governance

An update was provided in the October Administrator Report.

Administrator Loomis shared that the first draft of the plan was released today for comments to the.. Advisory Committee. She noted that the Policy Committee will likely receive it tomorrow. She added that she can share a copy of the plan with anyone interested

C. City of Carver Levee

Administrator Loomis introduced this item and shared that she and Ms. Young had run into the project manager for the city of Carver on this project at the Minnesota Water Resource Conference and he shared that he would like to come to the December Board Meeting to give an update to the Board on this.

D. Dredge Management

i. Dredging at mouth of MN River

Administrator Loomis introduced and provided background on this item. She shared that the dredging was supposed to take place on October 2nd.

ii. Sale of Dredge Material

No update on this item.

iii. Private Dredge Material Placement

Administrator Loomis noted that she has not gotten a notice from the DNR that Cargill has requested a permit to do any additional dredging at Cargill east or west.

iv. Vernon Avenue reconstruction and culvert replacement project

Administrator Loomis shared that she did receive a notice this week from the Corp. of Engineers that they will not require a permit from them on this project. She noted that they are just waiting for the LMRWD to permit the project as well as the DNR.

E. Watershed Management Plan

No new information to report since the last update.

F. 2023 Legislative Action

Administrator Loomis introduced this item. She shared that Lisa Frenette, the Board's legislative liaison, is in attendance.

Ms. Frenette shared that they have had a lot of success with dredge management and the things that they have needed to do with BWSR allowing the Board to use some extra funds for other issues. She shared that there may not be any money available next year as so much was spent this year. She discussed the issue that has been holding back chloride legislation is the trial attorneys. She noted that this is a good year to reach out and start working with some groups that they have not worked with in the past. She suggested working with AgriGrowth, who works a lot with farming associations and has a lot of power at the capitol. She noted that AgriGrowth

is also interested in water management. She shared concerns with MCEA or other similar groups as they do not like watershed districts, and they tend to be sue-happy. She added that these groups are also attempting to pass legislation that requires watershed districts to report any sort of drainage that they have, which will essentially give them an easier way to sue watershed districts to keep them from doing projects.

Manager Salvato stated that this past year seemed like the year to have something passed for chloride. Ms. Frenette noted that this has been going on for four or five sessions.

Manager Salvato shared that she is very supportive of chloride legislative passing and asked if they should be spending their energy towards this. She stated that not asking for new money may also be strategic. She noted that they were also discussing supporting the lock and dam fish passage. Administrator Loomis explained that an issue with this is that a lot of people felt that this is not a State issue as much as it is a Federal issue. Ms. Frenette added that she would like to discuss this with Administrator Loomis further before supporting this.

President Barisonzi stated that they need to look strategically for partners that share the goal of reducing sediment upstream and not those who are looking to minimize the barriers to the sediment coming downstream. He asked what process will be followed by the Board for identifying the issues that they would like to look at putting legislative time and energy behind. Ms. Frenette stated that this has always been decided by the Board and she moves forward with their direction.

President Barisonzi asked about the process of coming up with a legislative agenda. Administrator Loomis explained that there has never really been a process for setting an agenda for legislative priorities and has looked mostly at requests for funding to manage dredge material.

Ms. Frenette shared that as things have gotten introduced in legislation that she thinks the Board would be interested in, she sends these items to Administrator Loomis to present to the Board. She suggested coming up with three or four topics to ensure that they are honing in on the most important items. She added that she has heard that the focal point of the environment committees for this year will revolve around waste energy, landfills, recycling, etc. She suggested figuring out the three topics that are most important to the Board.

Manager Amundson asked if they have all of the funding for the projects that are on the horizon. Administrator Loomis stated that they do not have any large projects other than the Area #3 project. She added that the Board had talked about doing some larger projects on the ravines; however, they do not have an idea of what these would cost. She stated that the next step in the gully issue is to prioritize the gullies and do feasibility studies on the ones that have been identified as the greatest threats. She noted that they are not far enough down the road on any of these projects to know what funding would be. She added that the Area #3 project seems to be covered and they will issue bonds for whatever difference there is once they get the bids back.

Ms. Young added that at this moment they have all funding that is needed for the things that are within the plan. She noted that one of the things that are on the docket for Administrator Loomis and Ms. Frenette to look at was amending the language so that dredge dollars can be used for other projects. She added that in 2027 they should have their next watershed management plan.

Ms. Frenette asked if they had already amended the language. Administrator Loomis said not yet as they have not heard anything back. Ms. Frenette noted that this would be a good year to talk to BWSR about tweaking this language.

Manager Salvato asked Ms. Frenette to please report back to the Board what will pertain to the district based on the focus of the environmental committee.

President Barisonzi shared that the managers should be forwarding any issues that they would like to be considered as part of the legislative agenda to Administrator Loomis so that Ms. Frenette can come back and report on her perspective of these matters.

Manager Kuplic asked how they would go about getting Federal funding. Ms. Frenette suggested meeting with Congressman Dean Phillips, or Tina Smith or Amy Klobuchar.

Administrator Loomis shared that she spoke with legal counsel on the chloride issue with the Riley Purgatory Bluff Creek Watershed District and they are also interested in getting legislation for this.

Manager Salvato added that the water storage funding is important and should be leaned into. She shared that she would like to learn more information about potential partners.

G. Education and Outreach Plan

Administrator Loomis introduced and provided background on this item. She shared that there is an applicant to the CAC from the city of Carver.

Manager Salvato made a motion to adopt Resolution 23-15 – Appointment of Lee Peterson to LMRWD Advisory Committee. Manager Hartmann seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

Administrator Loomis shared that there was a request from the city of Burnsville to work on some educational signs. She stated that the request would total around the same amount as the LMRWD's sign budget for a whole year. She noted that if they do fund this she would suggest that the Board design them and not just give Burnsville the money. She added that she can back with more information on this. She shared that they are requesting \$15,000 for several signs.

President Barisonzi asked if this request was to fund all signage or if this would be a percentage of the total cost. Ms. Young stated that they need to get more information on this to know. She noted that they can come back with a better breakdown of the numbers so that it is clear who is doing what for the dollars that are being requested.

President Barisonzi stated that he would be interested to know the impact on the project if they contributed a smaller amount.

Manager Salvato noted that with the funds for the County Fair project freed up these funds could be used here.

H. LMRWD Projects

(Only projects that require Board action will appear on the agenda. Informational updates will appear on the Administrator Report)

i. Area #3

Administrator Loomis introduced this item and shared that the city gave a notice on the decision of the wetland and they still do not have permits for this.

i. Spring Creek

Ms. Young shared that the wetland delineation was submitted for this today.

I. Permits and Project Reviews

Administrator Loomis gave an update on the Peterson wetland bank project.

i. Tramore Heights Addition Rule B (LMRWD No. 2023-020)

Administrator Loomis introduced this item and reviewed the project. She shared the recommendation of condition approval.

Manager Hartmann made a motion to conditionally approve a permit for Rule B only for Tramore Heights Addition Rule B (LMRWD No. 2023-020), which includes initial site preparation and grading only and require staff to ensure that the project complies with Rule F before a permit can be issued for construction of any impervious surface and filtration basin. Manager Salvato seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

ii. 535 Lakota Lane, Chanhassen – work without a permit

Administrator Loomis gave an update on this item.

Attorney Kolb shared that they are waiting on the court to acknowledge the filing and schedule an initial conference with the parties to set a schedule for the litigation.

6. COMMUNICATIONS

- A. **Administrator Report:** Administrator Loomis shared that her report was posted to the website today. She reviewed the updates on the One Watershed One Plan. She gave an update on projects and meetings. She added that the MPCA will be doing an assessment of the Minnesota River watershed again and have scheduled a meeting on October 31 to talk about their preliminary findings.
- B. **President:** No report
- C. **Managers:** Manager Salvato shared that the Board normally sponsors the Metro Children’s Water Festival; however, this year they sponsored an educational booth which went well.
- D. **Committees:** No report
- E. **Legal Counsel:** No report
- F. **Engineer:** No report

7. ADJOURN

At 8:39 pm, Manager Salvato made a motion to adjourn the meeting. Manager Kuplic seconded the motion. Upon a vote being taken the following voted in favor of the motion: Amundson, Barisonzi, Hartmann, Kuplic and Salvato; the following voted against: None.

The next meeting of the LMRWD Board of Managers meeting will be 7:00, Wednesday, December 20, 2023, and will be held at the Carver County Government Center, 602 East 4th Street, Chaska, MN. Electronic access will also be available.

Attest:

Lauren Salvato, Secretary

Linda Loomis, Administrator

Item 4.B.
LMRWD 11-15-2023

BEGINNING BALANCE	30-Sep-23	\$ 1,140,884.16
ADD:		
General Fund Revenue:		
October 2023 Interest		\$ 4,454.97
Permit Review fee - 5250 Eagle Creek Blvd LMRWD No. 2023-019		\$ 50.00
License fee for private dredge placement - CHS, Inc.		\$ 7,949.00
		\$ 12,453.97
Total Revenue and Transfers In		
DEDUCT:		
Debits/Reductions		
Board of Water & Soil resources	refund of unused State Funds for Dredge Mgmt	\$ 182,742.77
Daniel Hron	October 2023 office rent	\$ 650.00
Bolton & Menk	September 2023 services related to Vernon Avenue	\$ 12,847.50
Star Tribune	Publication of notice of Public Hearing for Budget	\$ 638.40
106 Group	Cultural review for Area #3 Project	\$ 8,642.22
106 Group	Cultural review for Vernon Avenue Project	\$ 9,099.70
Barr Engineering	Wetland delineation service for Area #3	\$ 299.00
Clifton Larson Allen	September 2023 financial/accounting/bookkeeping service	\$ 1,372.04
Dakota County SWCD	Q3 2023 monitoring, TACS & Cost Share Services	\$ 1,485.00
I & S Group, Inc.	August 2023 Vernon Avenue permitting services	\$ 4,410.39
Naiad Consulting, LLC	September 2023 administrative services & expenses	\$ 11,541.48
Rinke Noonan, attorneys at law	September 2023 legal services	\$ 1,264.00
State Department of Admin	publication of request for audit proposals	\$ 162.00
TimeSaver Off Site Secretarial	Preparation of August meeting minutes	\$ 272.25
TimeSaver Off Site Secretarial	Preparation of September meeting minutes	\$ 234.50
US Bank Equipment Finance	October 2023 copier lease payment	\$ 197.16
WSB	Area #3 property acquisition services	\$ 2,115.50
Young Environmental Consulting	September 2023 Technical, & Education & Outreach serv	\$ 46,967.84
4M Fund	September 2023 bank service fees	\$ 40.25
		\$ 284,982.00
Total Debits/Reductions		
ENDING BALANCE	31-Oct-23	\$ 868,356.13

	2023 Budget	October Actuals	YTD 2023	Over (Under) Budget
Administrative expenses	\$ 250,000.00	\$ 27,906.83	\$ 278,235.46	\$ 28,235.46
Cooperative Projects				
Eden Prairie Bank Stabilization Area #3	\$ -	\$ 14,276.97	\$ 133,830.22	\$ 133,830.22
Gully Erosion Contingency Fund	\$ -	\$ -	\$ -	\$ -
Seminary Fen Ravine Restoration site A	\$ -	\$ -	\$ -	\$ -
Seminary Fen Ravine Restoration site C-2	\$ 20,000.00	\$ -	\$ -	\$ (20,000.00)
509 Plan Budget				
<i>Resource Plan Implementation</i>				
Watershed Resource Restoration Fund	\$ 100,000.00	\$ -	\$ -	\$ (100,000.00)
Gully Inventory	\$ 90,500.00	\$ -	\$ 81,264.54	\$ (9,235.46)
MN River Corridor Management Project	\$ -	\$ -	\$ -	\$ -
Gun Club Fen Intrusion investigation	\$ -	\$ -	\$ -	\$ -
Assumption Creek Hydrology Restoration	\$ -	\$ -	\$ -	\$ -
Groundwater Screening Tool Model	\$ -	\$ -	\$ -	\$ -
MN River Floodplain Model Feasibility Study	\$ 75,000.00	\$ -	\$ 9,547.85	\$ (65,452.15)
Schroder Acres Park	\$ -	\$ -	\$ -	\$ -
Downtown Shakopee Stormwater BMPs	\$ 50,000.00	\$ -	\$ -	\$ (50,000.00)
PLOC Realignment/Wetland Restoration	\$ -	\$ -	\$ -	\$ -
Spring Creek Project	\$ 90,000.00	\$ 2,962.50	\$ 54,396.52	\$ (35,603.48)
West Chaska Creek	\$ -	\$ -	\$ -	\$ -
Sustainable Lakes Mgmt. Plan (Trout Lakes)	\$ -	\$ -	\$ -	\$ -
Geomorphic Assessments (Trout Streams)	\$ -	\$ -	\$ -	\$ -
Fen Stewardship Program	\$ 75,000.00	\$ 2,906.25	\$ 51,540.00	\$ (23,460.00)
District Boundary Modification	\$ -	\$ -	\$ -	\$ -
MN River Sediment Reduction Strategy	\$ -	\$ -	\$ -	\$ -
Local Water Management Plan reviews	\$ 5,000.00	\$ -	\$ 31.25	\$ (4,968.75)
Project Reviews	\$ 50,000.00	\$ 10,615.00	\$ 108,379.50	\$ 58,379.50
<i>Monitoring</i>	\$ 75,000.00	\$ 1,485.00	\$ 48,750.94	\$ (26,249.06)
<i>Watershed Management Plan</i>	\$ -	\$ 7,650.00	\$ 73,282.86	\$ 73,282.86
<i>Public Education/CAC/Outreach Program</i>	\$ 85,000.00	\$ 4,907.84	\$ 78,753.95	\$ (6,246.05)
<i>Cost Share Program</i>	\$ 20,000.00	\$ -	\$ 20,586.50	\$ 586.50
Nine Foot Channel				
Return of unused state funds	\$ -	\$ 182,742.77	\$ -	\$ -
Dredge Site Improvements	\$ 240,000.00	\$ 29,528.84	\$ 305,473.35	\$ 65,473.35
Total:	\$ 1,225,500.00	\$ 284,982.00	\$ 1,244,072.94	\$ 18,572.94



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 4. D. – Report on Citizen Advisory Committee

Prepared By

Linda Loomis, Administrator

Summary

On November 7, 2023, the Citizen Advisory Committee (CAC) toured the Black Dog Power Generation Plant in Burnsville. President Barisonzi was also able to attend. There was not a business portion to the meeting because of the tour. Thank you to Jim Bodensteiner, from Excel Energy, for arranging the tour.

The CAC recommendations for the Educator Mini-grants can be found under Agenda Item 6. G. – Education and Outreach.

Lastly, the LMRWD received a thank you letter for the Educator Mini-grant from School District 196 – Blackhawk Middle School in Burnsville. The Board should receive and file the letter.

Attachments

Letter of thanks from School District 196 – Blackhawk Middle School

Recommended Action

Motion to receive and file Letter of thanks from School District 196 – Blackhawk Middle School



DISTRICT196
One District. Infinite Possibilities.

Christopher Onyango-Robshaw
Interim Director of Finance and Operations

christopher.onyango-robshaw@district196.org
P: 651-423-7748
F: 651-423-7788

September 12, 2023

Lower Minnesota River Watershed District
6677 Olson Memorial Highway
Golden Valley, MN 55427

To Whom It May Concern:

Thank you to Lower Minnesota River Watershed District for their generous donation of \$500 to Black Hawk Middle School. This gift will be used to purchase science supplies.

No goods or services were received in return for this gift.

Independent School District 196 is a subdivision of the State of Minnesota and, therefore, is an exempt entity under Section 115 of the Internal Revenue Code. We are considered a governmental unit rather than a nonprofit entity. Our federal identification number is 41-6007792.

Contributions or gifts made to the school district are considered tax deductible, if they are made exclusively for public purposes. Please see Section 170(c)(1) of the Internal Revenue Code. If you have finance questions about your gift, please contact the Executive Assistant to the Director of Finance and Operations, Stephanie Rudie at 651-423-7715.

Once again, thank you for your contribution to and support of Independent School District 196.

Sincerely,

Christopher Onyango-Robshaw

xc: Anne Kusch, principal, Black Hawk Middle School

DISTRICT196.ORG

Rosemount-Apple Valley-Eagan Public Schools
3455 153rd Street West • Rosemount, MN 55068



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 4. E. – LMRWD Permit Renewals

Prepared By

Linda Loomis, Administrator

Summary

Several permits require renewal this month. Technical Memorandum – November 2023 Permit Renewal Requests, dated November 8, 2023, is attached. Young Environmental Consulting Group has reviewed the renewal requests on behalf of the LMRWD and recommends renewal of the permits.

Attachments

Technical Memorandum – November 2023 Permit Renewal Requests, dated November 8, 2023

Recommended Action

Motion to approve permit renewal requests recommended in Table 1 of Technical Memorandum – November 2023 Permit Renewal Requests, dated November 8, 2023



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Karina Weelborg, Water Resources Scientist
Hannah LeClaire, PE, Project Manager

Date: November 8, 2023

Re: November 2023 Permit Renewal Requests

Per Lower Minnesota River Watershed District (LMRWD) Rule A, it is the permittee's responsibility to request permit renewals when necessary. However, LMRWD staff has taken a proactive approach by sending out monthly reminders to current permit holders with upcoming permit expirations.

Table 1 summarizes the permittees who have responded to the permit expiration reminder, confirmed that no significant changes to the proposed project have occurred since the original permit was issued, and requested a permit extension to complete their projects.

Table 1. Summary of November 2023 LMRWD permit renewal request.

LMRWD No.	Project Name	City	Previous Expiration Date	Recommended Expiration Date
2022-014	Chaska TH 41/CSAH 61 Improvements	Chaska	December 13, 2023	December 13, 2024
	<u>Reason for Extension:</u> Project delays have extended the construction timeline			
2021-057	Cliff Road at I-35 Ramp Realignment	Burnsville	December 1, 2023	December 1, 2024
	<u>Reason for Extension:</u> Final site stabilization expected during the 2024 growing season			

Recommendation

Staff recommends renewing the permits provided in Table 1.

LMRWD Permit Program Summary



Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2019-065	TH 101 Chanhassen	Closed		11/8/2019				11/20/2019	11/20/2019	1/20/2020				11/22/2022
2019-085	Minnesota Bluffs LRT Regional Trail Repair	Closed		12/12/2019					5/20/2020	6/1/2023				7/22/2022
2020-100	Peterson Farms Road Maintenance	Closed		5/6/2020	5/6/2020			5/20/2020	5/21/2020	5/21/2021				8/11/2022
2020-103	Prairie Heights Development	Closed		5/27/2020	6/5/2020		6/17/2020		10/23/2020	10/23/2021				4/25/2023
2020-105	Freeway Landfill	Pre-Permit		8/19/2022		9/21/2022								
2020-110	CSAH 11 Reconstruction	Closed		9/28/2020	11/3/2020		12/16/2020		4/13/2021	4/13/2022	4/20/2023		10/4/2022	8/1/2023
2020-112	Vierling Industrial Project	Closed		6/25/2020	6/29/2020		7/15/2020							10/14/2022
2020-113	Fort Snelling Redevelopment (2019-057)	Active		7/20/2020	8/12/2020		8/19/2020		9/11/2020	8/19/2022	8/19/2023	8/19/2024		
2020-115	Quarry Lake Park Improvements	Closed		7/23/2020	9/8/2020		9/16/2020		9/16/2020	9/16/2021				8/5/2022
2020-116	Shakopee Memorial Bridge	Closed		8/24/2020	10/5/2020		10/21/2020		10/23/2020	10/23/2021				7/20/2022
2020-117	Greystone HQ	Closed		7/24/2020	9/10/2020			9/16/2020	9/16/2020	9/16/2021				10/3/2022
2020-123	Gaughan Companies Demolition	Closed		8/27/2020	8/27/2020			9/16/2020	9/17/2020	9/17/2021				10/15/2021
2020-123 (amended)	Shakopee Flats	Closed	10/29/2020	11/2/2020	11/2/2020			11/18/2020	2/17/2021	9/16/2021				7/25/2022
2020-126	Texas Roadhouse	Closed		9/17/2020	11/5/2020			11/18/2020	11/19/2020	11/18/2021				7/26/2022
2020-132	77th Underpass	Expired	10/18/2020	10/21/2020	11/12/2020	11/18/2020	12/16/2020		7/27/2021	7/27/2022	7/27/2023			
2020-135	Canterbury Crossings	Active		11/19/2020	12/3/2020		12/16/2020		5/11/2021	5/11/2022	4/20/2023	4/20/2024		
2021-002	CSAH 61 Drainage Ditch	Closed		2/1/2021	10/11/2021			10/20/2021	10/21/2021	5/31/2022	10/20/2023		7/25/2023	9/29/2023
2021-003	Southwest Logistics Center	Closed		2/11/2021	3/12/2021		3/17/2021		4/21/2021	4/21/2022	8/17/2023			11/22/2022
2021-007	Burnsville Cemetery Expansion	Closed	3/5/2021	9/2/2021	9/17/2021		10/20/2021		11/17/2021	10/20/2022			10/21/2022	8/1/2023
2021-009	Burnsville Industrial IV	Closed	4/2/2021	3/22/2021	3/31/2021		4/21/2021		4/23/2021	4/21/2022				10/5/2022
2021-011	2021 Shakopee Street Reconstruction	Closed	3/30/2021	3/30/2021	4/16/2021		4/21/2021		4/28/2021	4/28/2022				7/25/2022
2021-012	Canterbury Park Parking Lots Phase 2	Closed	4/1/2021	4/2/2021	4/10/2021		4/21/2021		5/11/2021	5/11/2022				7/25/2022
2021-013	Summerland Place	Closed		4/8/2021	5/27/2021		4/21/2021		4/26/2021	4/22/2022				3/22/2022
2021-015	Stagecoach Rd Improvements	Closed	4/16/2021	4/12/2021	4/30/2021		5/5/2021		5/7/2021	5/5/2022				3/23/2022

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2021-016	Whispering Waters	Active		4/14/2021	6/4/2021		6/16/2021		7/13/2021	7/13/2022	7/13/2023	7/13/2024		
2021-017	Capstone35	Closed		4/20/2021	5/12/2021		5/19/2021		8/19/2021	8/17/2022				11/22/2022
2021-018	Jefferson Court	Closed		4/22/2021	5/17/2021		6/2/2021		6/3/2021	6/2/2022	6/2/2023	6/2/2024		8/11/2023
2021-019	Cretex Site	Closed	4/23/2021	4/26/2021	4/30/2021		5/5/2021		5/7/2021	5/5/2022				5/5/2022
2021-020	Core Crossing Apartments (Prev. Southbridge)	Closed		6/14/2021	7/13/2021		7/21/2021		8/5/2021	6/15/2023	6/17/2023		11/1/2022	9/21/2023
2021-022	2021 Security & Safety Center	Active		5/18/2021	10/29/2021		11/17/2021		3/18/2022	3/18/2023	3/18/2024			
2021-023	106th Improvements Project	Closed		5/25/2021	5/28/2021		6/2/2021		6/17/2022	6/17/2022	6/17/2023		4/17/2023	8/1/2023
2021-025	TH13/Dakota Ave Improvement	Active		6/11/2021	6/15/2021		2/16/2022		5/20/2022	5/20/2023	5/20/2024			
2021-030	Building Renovation Park Jeep	Active		7/9/2021	7/16/2021		9/15/2021		6/21/2022	6/21/2023	8/15/2023	8/15/2024		
2021-031	Caribou Coffee	Closed	6/1/2021	7/9/2021	8/10/2021		8/18/2021		8/19/2021					10/4/2022
2021-033	MN MASH	Active	6/23/2021	9/17/2021				6/15/2022	6/17/2022	6/17/2023	11/30/2023	11/30/2024		
2021-034	Circle K Holiday Station Stores	Closed	8/25/2021	7/26/2021	9/10/2021		9/15/2021		10/19/2021	9/15/2022				7/12/2022
2021-035	135W Frontage Trail	Construction Complete		12/15/2021	12/22/2021		1/19/2022		11/3/2022	11/3/2023	11/3/2024		10/16/2023	
2021-039	River Bluffs Improvements	Closed		7/23/2021	8/12/2021		8/18/2021		10/1/2021	8/18/2022				10/12/2022
2021-040	Omry Independent Living	Active		8/11/2021	8/19/2021		9/15/2021	9/15/2022	8/19/2022	10/1/2023	10/1/2024			
2021-041	Line 0832	Closed		9/7/2021	9/7/2021		9/15/2021		9/17/2021	9/15/2022				6/27/2022
2021-042	Hwy 13 & Lone Oak	Closed		8/27/2021	9/16/2021		10/20/2021		10/22/2021	10/22/2022	6/30/2023		6/20/2023	8/1/2023
2021-045	Triple Crown Residences Phase II	Active		9/22/2021	10/27/2021		11/17/2021		11/19/2021	11/17/2022	11/17/2023	11/17/2024		
2021-046	CenterPoint Dakota Station Facility	Closed		9/21/2021	10/15/2021		10/20/2021		10/22/2021	10/22/2022				9/12/2022
2021-049	Stump Road Maintenance	Closed	10/20/2021	10/22/2021	10/29/2021		11/17/2021		11/19/2021	11/17/2022				9/5/2022
2021-052	Shakopee Dental Office	Closed		11/3/2021	12/14/2021		12/15/2021		12/17/2021	12/15/2022			12/1/2022	8/11/2023
2021-057	*Cliff Road Ramps	Active		12/14/2021	1/4/2022		1/19/2022		6/8/2022	6/8/2023	12/1/2023	12/1/2024		
2021-058	Perimeter Gate Improvements	Closed		12/15/2021	12/16/2021		1/19/2022		4/27/2022	4/27/2023	10/31/2023		8/1/2023	9/29/2023
2022-002	CenterPoint MBL Nicollet River Crossing	Construction Complete		1/18/2022			3/16/2022		4/25/2022	4/25/2023	10/31/2023	10/31/2024	12/17/2022	
2022-003	Ivy Brook Parking East	Closed		1/19/2022	2/25/2022		3/16/2022		5/16/2022	5/16/2023			2/16/2023	10/10/2023
2022-004	CHS Savage Terminal	On Hold		1/27/2022										

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2022-005	Chaska West Creek Apt	Active		2/8/2022	3/29/2023		4/19/2023		6/6/2023	6/6/2024				
2022-007	Engineered Hillside	Active		2/15/2022	3/14/2022			4/20/2022	4/21/2022	4/21/2023	9/20/2024			
2022-008	Ivy Brook Parking West	Closed		2/16/2022	2/25/2022		3/16/2022		5/31/2022	5/31/2023			2/27/2023	8/1/2023
2022-010	Quarry Lake Trail and Ped Bridge	Active		2/24/2022			4/20/2022		3/1/2023	3/1/2024				
2022-011	Biffs, Inc.	Closed		2/28/2022	3/29/2022		4/20/2022		8/16/2022	8/16/2023	10/31/2023		9/30/2023	10/20/2023
2022-013	Normandale & 98th St	Closed		3/22/2022	4/1/2022		4/20/2022		4/22/2022	4/22/2023	11/30/2023		7/21/2023	11/6/2023
2022-014	*TH41 & CSAH61 Improvements	Active	1/6/2022	3/23/2022	5/11/2022		5/18/2022		12/13/2022	12/13/2023	12/13/2024			
2022-015	Xcel Driveway	Active	5/25/2023	6/21/2023	7/31/2023		8/16/2023		9/21/2023	9/21/2024				
2022-016	ORF Relocation	Active		4/20/2022	6/30/2023		7/19/2023		7/20/2023	7/20/2024				
2022-017	PLOC 2022 Bank Stabilization	Closed		6/30/2022	7/5/2022			7/20/2022	7/21/2022	7/21/2023			6/12/2023	8/1/2023
2022-019	1494 SP 2785-433	Active		4/21/2022	6/24/2022		7/20/2022		4/10/2023	4/10/2024				
2022-021	CenterPoint Oak St N	Closed		4/29/2022				6/15/2022	6/17/2022	6/17/2023			3/14/2023	9/5/2023
2022-022	*Ace Rent A Car	Active		5/10/2022				11/15/2023						
2022-023	494 Corridors of Commerce	Pre-Permit	5/3/2022	5/19/2022		7/20/2022								
2022-024	Gedney Pickles Holding Pond Restoration	Closed	6/16/2022	8/10/2022			9/21/2022		11/14/2022	11/14/2023			8/30/2023	10/19/0223
2022-026	10521 Spyglass Dr	Closed	5/31/2022	7/13/2022	8/8/2022			7/20/2022	8/8/2022	8/8/2023			11/30/2022	8/24/2023
2022-027	Ivy Brook Northeast	Construction Complete		7/5/2022			8/17/2022		8/31/2022	8/31/2023	10/18/2024		11/30/2022	
2022-028	Quarry Lake Park Restroom	Closed		7/6/2022	7/8/2022		7/20/2022		7/22/2022	7/22/2023	12/31/2023			10/20/2023
2022-029	Reliakor	Cancelled		7/20/2022			8/17/2022		9/19/2022	9/19/2023				10/28/2022
2022-030	Frenchies Metals	Cancelled		7/22/2022										
2022-031	RSI Marine	Incomplete		9/20/2023		8/17/2022								
2022-034	Valleyfair Parking	Cancelled		9/26/2022	10/11/2022		10/19/2022							
2022-036	Structures Inc. Amendment	Conditional Approval		10/6/2022	12/2/2022		5/9/2023							
2022-037	Peterson Wetland Bank	Conditional Approval		5/23/2023	6/30/2023	11/16/2022	7/19/2023							
2022-039	Former Knox Site	Active		11/3/2022	12/19/2022		1/18/2023		6/6/2023	6/6/2024				
2022-040	Burnsville Sanitary Landfill	Active		11/21/2022	2/15/2023		3/15/2023	8/16/2023	8/17/2023	8/17/2024				

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2022-041	35W SP 2782-352	Active		12/15/2022	2/10/2023		2/15/2023		4/10/2023	4/10/2024				
2022-042	3rd Street Bridge Replacement	Conditional Approval		12/16/2022	2/2/2023		2/15/2023							
2023-001	Lakota Lane After-the-Fact	Under Review		1/10/2023										
2023-002	Eagle Creek Bridge	Active		1/13/2023	4/19/2023		5/9/2023		7/14/2023	7/14/2024				
2023-003	Ernst & Reidele Potential Development	No Permit Required		1/17/2023										
2023-004	CenterPoint Hwy 13 and Lynn Project	No Permit Required		1/24/2023										
2023-005	Cargill Savage West Safety Improvement Project	No Permit Required		1/25/2023										
2023-006	Borca Family DNR Dewater Review	No Permit Required		1/23/2023										
2023-007	MN River Greenway Trail	Active		3/1/2023	3/15/2023		4/19/2023		11/6/2023					
2023-008	Chaska Tech Center Amendment	Active		3/4/2023	4/11/2023		4/19/2023	7/19/2023	5/15/2023	5/15/2024				
2023-009	AT&T Bloomington to Eureka Fiber	Active		3/31/2023	5/19/2023		6/21/2023		6/26/2023	6/26/2024				
2023-010	MN River Greenway RR Bridge	On Hold	4/5/2023											
2023-011	Quarry Lake Playground	Construction Complete		4/19/2023	4/24/2023	5/9/2023		4/24/2023	4/24/2023	4/24/2024			10/16/2023	
2023-012	Concourse G Infill Pods 2-3	Active		5/4/2023	5/30/2023	6/21/2023		5/31/2023	5/31/2023	5/31/2024				
2023-013	Merriam Junction Trail	Incomplete	4/5/2023	5/8/2023										
2023-014	KTI Fencing Property	Active		5/16/2023	7/6/2023		7/19/2023		9/1/2023	9/1/2024				
2023-015	City of Bloomington Storm Sewer Maintenance	Active		5/24/2023	6/15/2023		7/19/2023		8/23/2023	8/23/2024				
2023-016	MAC Pond Maintenance Activities	Upcoming	6/15/2023											
2023-017	MN River Bluffs Chaska Trail	Upcoming	6/14/2023											
2023-018	Sibley Memorial Hwy (1901-195-TH13A)	Upcoming	7/17/2023											
2023-019	Dean Lake Wetland Fill	Active		8/27/2023	9/10/2023		9/20/2023		10/4/2023	10/4/2024				
2023-020	Tramore Heights Addition (Rule B Only)	Active	9/1/2023	8/21/2023				10/18/2023	10/20/2023					
2023-021	MAC Infiltration Pond	No Permit Required	9/27/2023											
2023-022	Safety and Security Center Phase II	Incomplete		10/2/2023										
2023-023	*Vernon Avenue Road Improvements	Conditional Approval		10/6/2023			11/15/2023							
2023-024	Carmeuse Savage Marine Improvements	Incomplete		10/11/2023										

Permit Number	Project Name	Status	Pre-Permit Meeting	Date Received	Date Considered Complete	Board Actions			Permit Issued	Permit Expiration Date	First Renewal Expiration	Second Renewal Expiration	Construction Completed	Date Permit Closed
						Information Only	Conditional Approval	Approval						
2023-025	35W SP1987-140	Upcoming												
2023-026	CenterPoint Pipeline Abandonment	Upcoming												
2023-027	TH 41 ORF	Pre-Permit	11/6/2023											

**Staff recommendation only, has not yet been presented to the Board for action*

STATUS DEFINITIONS:

Active Permit: Applicant has a valid permit issued by LMRWD

Cancelled by Applicant: Applicant withdrew their application for a LMRWD permit

Closed: Applicant has indicated the project has completed construction and that the permit file may be closed

Conditional Approval: LMRWD managers conditionally approved the permit application, pending receipt of additional information from applicant

Expired: Applicant either obtained conditional approval, approval, and/or was issued a permit and the expiration date has passed

Incomplete: Applicant applied for a permit, but the application is incomplete

No Permit Required: Applicant applied for a permit, but during the completeness review, it was determined that the project did not trigger the regulatory thresholds

On Hold: Applicant requested their application be placed on hold

Pre-Permit: Applicant has requested pre-permit application reviews or meetings, but has not yet applied for a permit from LMRWD

Under Review: Permit application is complete and under review by LMRWD staff

Construction Complete: project construction is complete but permit is not closed





LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 4. G. – Authorize execution of Addendum to Recording Secretary Agreement

Prepared By

Linda Loomis, Administrator

Summary

TimeSaver Off Site Secretarial, Inc. has submitted its annual update to the recording secretary agreement.

Attachments

Addendum to Recording Secretary Agreement

Recommended Action

Motion to accept Addendum to Recording Secretary Agreement and authorize execution by Administrator

TimeSaver Off Site Secretarial, Inc.

October 27, 2023

Ms. Linda Loomis, Administrator
Lower Minnesota River Watershed District
112 East Fifth Street
Chaska, MN 55318

Dear Linda,

Enclosed is an Addendum to the Recording Secretary Service Agreement that extends the expiration date to December 31, 2024. To comply with ESST requirements, the unit rates reflect increases of \$1.50 per hour and 50 cents per page. The base rate and unit rate first hour reflect an increase of less than 5.25%.

We appreciate the confidence you have placed in TimeSaver to handle your meeting minute needs and look forward to continuing that relationship in 2024.

If you need further information or have questions, please feel free to contact me at 612-251-8999.

Best regards,



Carla Wirth
Owner

Enclosure: Recording Secretary Service Agreement
Return envelope

**ADDENDUM TO
RECORDING SECRETARY SERVICE AGREEMENT**

Dated: December 31, 2023

By and between TimeSaver Off Site Secretarial, Inc. and the Lower Minnesota River Watershed District, 112 East Fifth Street, Chaska, MN 55318.

1. EXTENSION OF RECORDING SECRETARIAL SERVICE AGREEMENT: The term of the existing Recording Secretary Service Agreement dated December 31, 2022, shall be extended under the same terms and conditions to December 31, 2024.
2. TOSS CHARGES: TOSS shall be paid for its services as recording secretary for each meeting with a one (1) hour minimum, the highest rate prevailing, as follows:
 - a. Base Rate: One Hundred Sixty-Seven and 00/100 dollars (\$167.00) for any meeting up to one (1) hour (billable time) plus Thirty-Nine and 50/100 dollars (\$39.50) for each thirty (30) minutes following the first one (1) hour; or
 - b. Unit Rate: Fifty-Two and 50/100 dollars (\$52.50) for the first hour of meeting time and Thirty-Five and 00/100 dollars (\$35.00) for every hour after the first hour plus Fifteen and 75/100 dollars (\$15.75) for each page of draft minutes for submission to the Lower Minnesota River Watershed District for their preparation of final minutes.

At the end of the term of this Addendum or any extension of it, the parties may make a new Agreement or extend or modify the terms of this Agreement.

IN WITNESS WHEREOF, the undersigned have executed this Addendum to the Recording Secretary Service Agreement as of the day and year indicated.

January ____, 2024

LOWER MINNESOTA RIVER WATERSHED DISTRICT

By: _____
Linda Loomis

Its: Administrator

October 27, 2023

TIMESAVER OFF SITE SECRETARIAL, INC.

By: Carla Wirth
Carla Wirth

Its: President & CEO



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 4. H. – Authorize Reimbursement request for Appletree Condominiums for 2023 Cost Share Project

Prepared By

Linda Loomis, Administrator

Summary

At the April 19, 2023, meeting of the LMRWD Board of Managers a cost share application from Appletree Condominiums was approved. The project proposed to continue the work of a 2021 Cost Share which removed invasive species from a slope behind the Condominium building and added berms to slow stormwater run-off and replanted the area with native species.

The project is complete, and the condominium association is requesting reimbursement. A final report has been prepared and submitted to the LMRWD, with receipts and pictures.

Attachments

2023 Cost Share Application from Appletree Condominiums
Excerpt from April 19, 2023, meeting minutes approving the Application
Cost Share Agreement between LMRWD and Appletree Condominium Association
Appletree Condominium final report including receipts and pictures

Recommended Action

Motion to receive and file Cost Share report from Appletree Condominium Association and authorize reimbursement of \$7,500.



LOWER MINNESOTA RIVER
WATERSHED DISTRICT

Cost Share Grant Application 2023

Application type (check one)

Homeowner Non-profit - 501(c)(3) School
Business or corporation Public agency or local government unit

Project type (check all that apply)

Raingarden Vegetated Swale Infiltration Basin
Wetland restoration Buffer/shoreline restoration Conservation practice Habitat restoration
Pervious hard surface Other Step Slope Overlay District

Applicant Information

Name of organization or individual applying for grant (to be named as grantee):

Address (street, city and ZIP code):

Phone:

Email address:

Primary Contact (if different from above)

Name of organization or individual applying for grant (to be named as grantee):

Address (street, city and ZIP code):

Phone:

Email address:

Project location

Address (street, city and ZIP code):

Property Identification Number (PID)

Property owners:

Project Summary

Title

Total project cost

Grant amount requested

Estimated start date

Estimated completion date

Is project tributary to a water body?

No, water remains on site

Yes, indirectly

Yes, directly adjacent

Is this work required as part of a permit? No Yes
(If yes; describe how the project provides water quality treatment beyond permit requirement on a separate page.)

Project Details

Checklist To be considered complete the following must be included with the application.

- | | |
|---|---|
| location map (Exhibit #1) | project timeline & detailed schedule (Exhibit #5) |
| site plan & design schematic (Exhibit #2) | proof of property ownership (Exhibit #6) |
| contracted items (Exhibit #4) | plant list & planting plan (Exhibit #3) |

Project description Describe the project, current site conditions, as well as site history, and past management. Note any potential impacts to neighboring properties.

What are the project objectives and expected outcomes? Give any additional project details.

Which cost share goals does the project support? (check all that apply)

- improve watershed resources
- foster water resource stewardship
- increase awareness of the vulnerability of watershed resources
- increase familiarity with and acceptance of solutions to improve waters

How does the project support the goals you checked?

Project Details (continued)

Project benefits Estimate the project benefits in terms of restoration and/or annual pollution reduction. If you are working with a designer or contractor, they can provide these numbers. If you need help contact the district administrator. Computations should be attached.

Benefit	Amount
Water captures*	gal/year
Water infiltrated**	gal/year
Phosphorus removed	lbs/year
Sediment removed^^	lbs/year
Land restored^	sq. ft.

*New Prairie grasses & forbs on steep slope & dirt piled on brush berm will capture all rainfall & snowmelt from 10,000sq.ft. slope.

**Water that is captured & doesn't escape by evaporation or transpiration will infiltrate from 10,000sq.ft. of slope.

^^5000 sq.ft. Buckthorn Replacement seed mix area has much loose top soil. Reduced sediment both there & on 10,000sq.ft. steep slope area.

^ Seeding & Plug Planting Area on Steep Slope 315' X 32' =10,080 sq ft
 Buckthorn Replacement & Woodland seeding on gradual sloped areas =10,000 sq ft.
 Infiltration Basin (30' X 35') & Vegetated Swale (330' X 7') =3360 sq ft

How will you share the project results with your community and work to inform others about your projects environmental benefit?

Please note that by obtaining cost share funding from the Lower Minnesota River Watershed District, your project may be shared with the community through our website, social media, or other media. Your project may also be highlighted on a tour or training event, with prior notice and agreement.

Maintenance Describe the anticipated maintenance and maintenance schedule for your project.

I acknowledge that receipt of a grant is contingent upon agreeing to maintain the project for the number of years outlined in the cost share guidelines. Yes

Authorization

Name of landowner or responsible part

Signature *Maurice M Osted/Tam Foley* Date *3/23/2023* **23 MAR 2023**

Type or handwrite your answers on this form. Attached additional pages as needed.

For questions, contact Linda Loomis at Naiad Consulting@gmail.com or call 763-545-4659.

Mail the completed application to

**Lower Minnesota River Watershed District
 c/o Linda Loomis, Administrator
 112 E. Fifth St., Suite 102
 Chaska, MN 55318**

or email to:

**Linda Loomis, Administrator
naiadconsulting@gmail.com**

2023 Cost Share Worksheet

Labor Costs (contractors, consultants, in-kind labor)

Service Provider	Task	# Hours	Rate/Hour	Requested Funds from LMRWD	Matching/In-Kind Funds	Total Cost
Total:				\$	\$	\$

Project Materials

Material Description	Unit Cost	Total # of Units	Requested Funds from LMRWD	Matching/In-Kind Funds	Total Cost
Total:			\$	\$	\$

Total Requested Funds from LMRWD*:	\$	(A)	
Total Matchin/In-Kind Funds:	\$	(B)	
Project Total:	\$	(C)	

*Please note: total requested funds (A) cannot be more than 50% of the Project Total (C)

want to be more proactive with this and request the data more frequently and work with the DNR to see if they have mitigation measures in place to address the appropriation.

Lindsey Albright, Dakota Soil and Water, asked if there was a way that the district could get added to the DNR's database so that they can view the data. Ms. Young stated that this information is being monitored but the DNR is not as proactive monitoring this data as the LMRWD would like.

Manager Salvato asked about the additional costs. Mr. Kuphal explained that they kept the budget the same this year and may have more expenses. He stated that next year there will be an increase. Administrator Loomis added that there is a maximum, not to exceed number, which is rarely reached.

Administrator Loomis stated that there has been a lot of requests for increase of appropriations that need to be discussed with the DNR.

Manager Amundson asked about the high chloride levels in August and if that was the result of low water levels. Ms. Roberts stated that was likely the cause but stated that there is not much of a concern for chloride in Eagle Creek. Mr. Kuphal added that it is not unlikely to see this increase due to concentration.

Mr. Kuphal explained that in the agreement there is not a line item under Deans Lake for equipment. He stated that there was some vandalism on the ultrasonic sonar that reads the water levels and shared concern that the device was damaged and may cost \$300 to repair or replace this. He asked if part of the budget could be used for equipment replacement. The Board said yes.

Manager Salvato made a motion to approve Agreement between the Lower Minnesota River Watershed District and the Scott Soil and Water Conservation District for Monitoring, Technical, Education and other Conservation Services and 2023 Statement of Work and authorize execution. President Hartmann seconded the motion. Upon a vote being taken motion carried unanimously.

B. Appletree Condominium 2023 Cost Share Project

Administrator Loomis introduced and provided background on this item. She stated that there is a greater number of people interested in this cost share program than previous years. She shared concerns with potentially exceeding the budgeted amount. She stated that if this project and the Bloomington Neighbors Nurturing Nature project is approved that they may not approve them at the full amount.

Manager Salvato recommended making more stringent criteria for projects under this program.

Ms. Young recommended holding the applications from consideration at this meeting and consider all applications after the May 15 deadline and also checking in with the applicants if they would still have a viable project if they received less than their requested amount.

Administrator Loomis agreed with this suggestion. She stated that they are more conservative with their cost share program than other watershed districts. She suggested having different

categories for these cost share projects. She recommended that applicants apply this year for projects that will be done next year.

Manager Amundson made a motion to table the Appletree Condominium cost share application and the Bloomington Neighbors Nurturing Nature cost share application until all after the May 15 deadline to consider all application received at the June Board Meeting. Manager Salvato seconded this motion. Upon a vote being taken motion carried unanimously.

C. Bloomington Neighbors Nurturing Nature Cost Share Application

This item was discussed and voted on in conjunction with item B.

D. 2022 Dakota County Monitoring Report

Administrator Loomis introduced Lindsey Albright, Water Resource Specialist for the Dakota County Soil and Water Conservation District. Ms. Albright presented a report on the results of 2022 monitoring in Dakota County.

Ms. Albright reviewed the results of the fen well monitoring in Quarry Island, Fort Snelling, and Nichols Fens. She discussed the devices used for monitoring. She reviewed the trends at each site. She recommended continuing data sharing and looking at the viability of continuing to monitor all the wells.

Ms. Young shared the importance of Ms. Albright's monitoring. She stated that the LMRWD recently spoke with the DNR and since the MET Council is doing monitoring that the district should look at stopping monitoring. She said that they are not in agreement with this as the data that the LMRWD is looking at is different than what the MET Council is looking at.

Manager Salvato asked if the fen stewardship does any vegetation sampling and how often this is being done. Ms. Young stated that this has happened at Nichols and other locations are being looked at now. She stated that the DNR did not have the capacity to sample vegetation, so the LMRWD has taken it on.

Manager Amundson asked why the water levels fluctuate so much. Ms. Young explained that with Nichols there is some sensitivity with the pumping that is happening through the MET Council. She stated that at some of the other fens they are looking at this with the DNR to determine what might be causing these trends.

6. OLD BUSINESS

A. 2021 Financial Audit

Administrator Loomis introduced and provided an update on the status of the audit. She stated that they have not yet received the audit, but the auditor said that he would have the report to them by April 15th. She noted that it was not received by that date and has not gotten a response back from the auditor. She added that the accountant has spoken to another accounting firm about taking over the 2021 audit to get this done.

Manager Salvato asked how much money has been spent on the audit. Administrator Loomis stated that Global Portfolio Consulting has been paid \$12,000-\$13,000 to get started on the audit.

Attorney Kolb mentioned that he can help come up with a plan of how to handle this.

LOWER MINNESOTA RIVER WATERSHED DISTRICT
2023 COST SHARE INCENTIVE AND WATER QUALITY RESTORATION PROGRAM
Cost Share Grant Agreement

The parties to this Agreement, made this 21st day of June 2023, are the Lower Minnesota River Watershed District, a Minnesota Watershed District ("LMRWD") a public body with purposes and powers set forth in Minnesota Statutes Chapters 103B and 103D and Appletree Condominium Association ("APPLICANT"). The purpose of this Agreement is to provide for the installation and maintenance of a project designed to protect and improve natural resources within the District, by managing storm water and said project to be located at: 8121 34th Avenue South, Bloomington, MN 55425.

1. Scope of Work. APPLICANT will install the Project in accordance with the Application submitted to the LMRWD, attached as Exhibit A. A final report must be presented to the LMRWD at the time a request is made for reimbursement of expenses as specified in Section 2 of this Agreement.
2. Reimbursement. When the installation of the project is complete in accordance with Exhibit A, the LMRWD, on receipt of adequate documentation, will reimburse the APPLICANT up to 50% of the APPLICANT's cost to install the Project, including materials, equipment rental, delivery of materials and labor, in an amount not to exceed \$7,500. APPLICANT will document with receipts all direct expenditures. At the time reimbursement is requested, APPLICANT will provide the LMRWD with copies of all documents concerning the work. Volunteer time and labor will be considered an in-kind contribution and may be used as a match, but APPLICANT will not receive reimbursement for in-kind contributions. Labor may be credited at \$20.00 per hour.
3. Public Access. LMRWD may enter APPLICANT's property at reasonable times to inspect the work to ensure compliance with this Agreement and monitor or take samples for the purpose of assessing the performance of the Project. APPLICANT will permit the LMRWD, at its cost and discretion, to place reasonable signage on APPLICANT's property informing the general public about the Project and the LMRWD's Cost Share Incentive and Water Quality Restoration Program. The LMRWD may request APPLICANT's permission to allow members of the public periodically to enter APPLICANT's property to view the Project in the company of a LMRWD representative. This paragraph does not create any right of public entry onto APPLICANT's property except as coordinated with APPLICANT and accompanied by a LMRWD representative.
4. Maintenance. APPLICANT will maintain the Project for at least five (5) years from the date installation is complete. If APPLICANT does not do so, the LMRWD will have a right to reimbursement of all amounts paid to APPLICANT, unless:
 - a. The LMRWD determines that the failure to maintain the Project was caused by reasons beyond the APPLICANT's control; or
 - b. APPLICANT has conveyed the underlying property, provided APPLICANT notifies the LMRWD at least 30 days before the property is conveyed and facilitates communication between the LMRWD and the prospective owner regarding continued maintenance of the project.

5. Agreement Void. This Agreement is void if the project installation is not complete by November 30, 2023. This Agreement may not be modified in any way except in writing and signed by both parties.
6. Indemnification. The LMRWD will be held harmless against all liability and loss in connection with the installation of the Project.
7. Compliance with Laws. APPLICANT is responsible to comply with any permits or other legal requirements applicable to the work.
8. Notices. Any notice or demand, authorized or required under this Agreement shall be in writing and shall be addressed to the other party as follows:

To LMRWD:

Administrator
Lower Minnesota River Watershed District
112 East Fifth Street, Suite 102 Chaska, MN 55318

To APPLICANT:

Tom Fahey, Primary Contact
Appletree Condominium Association
8121 34th Avenue South, Unit 201
Bloomington, MN 55425

The parties being in agreement to be signed as follows:

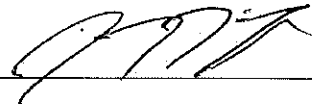
APPLICANT:

By: Thomas H. Fahey, A.A.A.

Its: Appletree Condo Assoc Board member

Date: Jun 27, 2023

LOWER MINNESOTA RIVER WATERSHED DISTRICT:

By: 

Its: President

Date: June 21, 2023



LOWER MINNESOTA RIVER
WATERSHED DISTRICT

Lower Minnesota River Watershed District

112 East Fifth Street, Suite #102

Chaska, MN 55318

(763) 545-4659

lowermnriverwd.org

Cost Share Final Report

Overview

The Final Report documents the entire grant period and must be within 30 days of project completion. The report should be no longer than six pages. Upon staff approval of the report, you will receive the final reimbursement for your grant. Please note, checks are only issued once per month by the District.

Email your report to Linda Loomis, District Administrator, at naiadconsulting@gmail.com. Contact Linda with questions at 763-545-4659 or by email.

Cost Share Grant Final Report

Project title:	Erosion Control & Maintenance Project - Phase 2
Year grant was awarded:	2023
Project location:	8121 34th Ave. S., Bloomington MN 55425
Project manager's name:	Tom Fahey, primary contact.
Project manager's contact information:	8121 34th Ave. S., Unit 201, Bloomington MN 55425 Cell: 651-503-8903 Email: thfahey@comcast.net
Time period addressed in the final report:	June 2023 - October 2023
How much is the reimbursement request?	\$7500
Who should the reimbursement check be made out to?	Appletree Condominium Association
Where should reimbursement check be mailed?	c/o Tom Fahey, Board Vice-President 8121 34th Ave. S., Unit 201, Bloomington MN 55425

1. Summary of Major Activities

Provide a short overview of Cost Share activities. Include dates and time periods during which activities were completed and who was involved.

Three core activities were identified & hours for each were estimated in the grant request. All 3 tasks have been completed by 20 Appletree volunteers (See Exhibit 1 for names, roles & hrs contributed).

PREPARATION: planned to leave some vegetation on the slope to be seeded & plugged. Realized it best to remove all trees & plants during prep. Expanded area for planting plugs from 10K to 17K sq ft due to berm issues. Resolved access with terraced paths & steps. Result: more hrs than planned.

SEEDING & PLANTING: With easier hillside access & no weeds, straw erosion blanketing, seeding & plug planting went much quicker than planned. Seeding w/ Erosion Blanketing: 10&25Jun, 1&17&29Jul, 8Aug & 4-5Sep.
Plantings: 16May, 15Jun, 30Jul-4Aug, 5-7Aug, 9Aug, 10Aug & 4-5Sep.

FIRST YEAR MAINT.: Weeding started 15July*. Watering started 24 May, ended 10 Sept.

Service Provider	TASK	Est. # Hours	Actual # Hrs
Volunteers	PREPARATION OF seeding & plug areas	235	416
Volunteers	SEEDING & PLANTING	260	187
Volunteers	1st YEAR MAINTENANCE	81	51
Total TASK HOURS		576	653

Table above shows original grant request's estimated hours & actual volunteer hours worked thru 10 Sept.

* As of 15th Oct, 12 added hrs of weeding & maintenance was completed & will continue until snowfall.

2. Project Goals

Describe how the project addressed one or more of the goals of the Cost Share Program:

- *Improve water quality or increase the capacity of the watershed to store water*
- *Preserve, protect, and restore native plant and wildlife habitats*
- *Protect and preserve groundwater quality and quantity*

Erosion Control & Maintenance Project - Phase 2 completed this year has continued to build upon Phase 1 completed in 2022. The below described efforts were done to increase water capture, infiltration and sediment removal:

- Risk of erosion was reduced & capacity of the watershed to store water was increased by building additional & reinforcing existing brush berms, installing terraced paths & steps, removing all weeds, seeding, erosion blanketing & planting plugs in 3 areas covering a total of approx. 20K sq ft.
 1. Top of the Bluff (approx. 1500 sq ft).
 2. Steep Slope planting & seeding area (increased from planned 10,000 to approx 17,000 sq ft)*
 3. Raingarden/Water Seep area (revised to approx 1,500 sq ft)*
 - *See "5. Project Challenges" for more details & Exhibit #2.1 Original Plan & #2.2 Revised Implementation.
- Improved water quality was addressed during the project by weeding, seeding & erosion blanketing in stages to reduce risk of erosion. The approx. 17,000 sq ft Steep Slope area was divided into 6 separate sections for weeding completely, then seeding & planting the section before moving on to the next section. The Raingarden/Water Seep area was addressed as a 7th effort after the other 6 sections were completed. Attention to maintaining the stability of the steep slope and reducing bluff erosion as the plantings mature will continue to benefit water quality of nearby Long Meadow Lake and the Minnesota River in the long run.
- Native plants were restored by distributing seed mixtures of short grass prairie (near top of slope), dry mixed height grass prairie (lower on slope) and savana (in more shaded areas). In addition, a total of 2646 prairie grasses, forbs and sedges were planted in the 3 areas:
 1. Top of the Bluff (1180 grass plugs of Side Oats Grama, Little Blue Stem & Prairie Dropseed).
 2. Steep Slope area (1200 forb and 180 grass plugs).
 3. Raingarden/Water Seep area (86 forb and sedge plugs).

As the plants mature, the ability to support wildlife habitat will increase. We have already seen evidence of this in the 2 test plots on the slope & flat area on the top of the bluff that were planted in 2022. Butterflies, bees and birds have been very numerous during this summer of 2023. Specifically, monarch caterpillars and monarch butterflies have been observed & photographed (see section 7 Photos). In addition, raccoons, deer, turkeys and wood chucks have been sighted in the 2023 cleared, south slope open area, as well as one coyote observation.

3. Educational Value

Describe how the project provided education value regarding the project's environmental benefits. What education and outreach was done about the project and what were the impacts? How were the results of the project shared and with whom?

Educational Value:

During the winter of 2022-2023 the 6 members of the Appletree Condo Assoc Landscape Committee were involved in the project planning prior to grant submission and Board members were also briefed. After receiving notice of the Grant, the project was described to all 75+ residents of the Appletree Condo Assoc building. A large poster showing project details was placed in the condo common area. Project progress updates were added to the poster throughout the summer.

Impacts: Information about invasive plants such as blackthorn and garlic mustard was shared with all condo members. The nineteen condo residents who participated in the project were able to learn in more detail about prairie grasses and forbs as well as undesirable plants for our prairie such as marestail (*Conyza canadensis*), pepperweed (*Lepidium virginicum*), Great Mullein (*Verbascum thapsus*), etc.

Outreach:

With a goal of expanding the current project beyond Appletree, outreach to the following organizations was initiated and impact made to date:

- MN Valley National Wildlife Refuge (NWR): Because Appletree's property abuts the NWR, a large amount of outreach has been done. This summer NWR sponsored me, and I obtained a Non-Commercial Pesticide Applicator license. In September it was agreed that I would become a volunteer group leader for invasive species removal on the NWR property. The first removal effort on NWR property was held last November. The next buckthorn removal date is being planned and will be on NWR property that abuts the two private properties on either side of the Appletree Condo building.
- Representatives for apartments both west and east of Appletree Condo Assoc property and abutting NWR property were contacted again this summer. The two Project Managers were asked last year if they would be willing to team on invasive species removal and prairie restoration on Steep Bluff Overlay district on their properties. I followed up with new reps this year again:
 - To the West: Regional Manager, Jessica Correll at Roers Companies, 144 Units, Risor Senior Apartments which now has residents.
 - To the East: The CEO, Mike Waldo for RonClark Construction & Design which has started the building of a 328-unit multi-phase, mixed-use development.

Impact: Two additional decision makers were familiarized with the need to protect the MN River Valley steep slopes and importance of addressing invasive species of plants. Both reps had considered teaming on Hennepin County's Opportunity Grant but decided to postpone any efforts.

- There was also outreach to Jack Distel at the Water Resources Division of the Engineering Dept at City of Bloomington three times this summer. Jack provided very helpful recommendations on dealing with several of the challenges that came up this summer during project implementation.

4. Project Outcomes

- *Describe the outcomes of the project.*
- *Describe what makes you most proud about the project.*

Outcomes

Those Appletree Condo Association members who were questioning the project's value have become supportive for several reasons.

Objections raised initially:

- Don't change anything, it's a wild natural area as it is.
- If you disturb the south slope, it will erode & risk damaging the building's foundation.
- I don't want to spend any money.
- I like it the way it is now.

Realizations that helped those objecting:

- Much of the flora on the south slope is not native. Invasive plants are over taking the area.
- Photo distributed of erosion occurring. Deep rooted prairie grasses will reduce the risk of erosion.
- We can apply for Grants.
- The 2 test areas & flat area planted in 2022 were blooming in 2023 & wildlife has been visible.

Most Proud

The fostering of a strong Appletree Community atmosphere & natural environment awareness.

5. Project Challenges

- Describe any changes that had to be made to original plans due to site conditions, regulatory processes, etc. and any challenges with implementing the project.
- Indicate any ways in which Nine Mile Creek staff could have better assisted you in addressing the challenges.

See:

EXHIBIT2.1_Original Plan-Ver14Mar2023

And See:

EXHIBIT2.2_Revised Impementation-Ver15Oct2023

Challenge #1:

On 31 March 2023 a snowstorm with strong winds caused 6 large trees to topple in parts of the 2 areas we had planned to cover with 5000 sq ft of Buckthorn Replacement seed & 5000 sq ft of Woodland seed.

Challenge #2:

We had planned to plant plugs of prairie forbs on the one 300-foot-long berm of brush that was constructed in 2022 after covering it completely with dirt in 2023. But as we began preparing the hillside in 2023 it was decided that all trees needed to be removed from the slope. The amount of tree trunks and branches were significantly greater than expected. We needed to decide what to do with the large unplanned excess.

Combined Resolution of Challenges #1 & #2

As a result of the windfall of trees & based on recommendation by our supplier, seed types were changed. We abandoned the planned seeding of four 5,000 sq ft areas of Upland Dry Prairie (near top of slope), Mesic Prairie (on slope & berm), Buckthorn Replacement (in seeded only area), MN Woodland (in shaded seeded only area). Instead, we used short grass prairie (near top of slope), dry mixed height grass prairie (lower on slope) and savanna mix (in more shaded areas).

With added tree branches & trunks during PREPARATION, additional berms were constructed further down the slope and the existing 2022 berm was piled higher. None of the berms were able to be completely covered with dirt. So instead of planting on the 2022 berm, both seeding & plugs were planted further down the slope where only seeding was originally planned.

Challenge #3:

As we started to prepare the slope, we realized it would be too steep to be easily accessed by the volunteers, especially during planting of plugs.

Resolution of Challenge #3

We decided to install steps in 6 areas. Larger tree trunks were sliced & used. Also, approx. 700 ft of terraced paths were dug & retaining walls were built in the steepest areas using available wood.

Challenge #4

The original plan was to excavate an area in the SW corner of the property where a water seep existed and plant rain garden type forbs. Jack Distel, City of Bloomington Erosion Control Specialist recommended no excavation be done near the seep, due to this unique feature.

Resolution of Challenge #4

A water basin further up the slope and drainage route was excavated after input from Jack Distel. (See Exhibit #2.1 & #2.2 for details of planned and implemented solution.)

6. Project Longevity

- *What will the long-term impact of the project be?*
- *Describe any follow-up projects that will occur because of the Cost Share grant.*

Long-Term Impact Envisioned

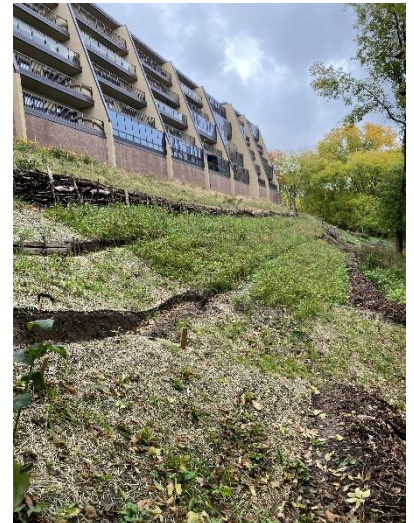
- Removal of invasive species and Prairie/Oak Savanna restoration from Bass ponds near Cedar Ave. to the MN Valley National Wildlife Refuge (NWR) Visitor Center near American Blvd on private, city & federal lands.

Short-term follow-up projects

- Buckthorn removal on NWR lands near Appletree Property
- Teaming with the new non-profit, Bloomington Neighbors Nurturing Nature (BNNN), on invasive species removal around Ike's Creek.

7. Photos

- *Provide at least three high resolution photos of the project. If you include the pictures in the document file, also email the photos as separate jpg files.*
- *Include a photo of each phase of the project, if applicable (before, during, after).*



Top right March 2023 (before), **Top left** June 2023 (during). **Bottom 3 photos** October 2023 (after). **Bottom left:** looking E, from upper berm on property W end. **Bottom mid:** from SW property corner, looking NW at drainage area. **Bottom Right:** looking E from SW property corner, with upper & lower berms and 2 of the terraced paths visible.

8. Reimbursement

- How much is the reimbursement request?

\$7500

- What is the total amount of match?

653 volunteer hrs, \$20/hr = \$13,600* plus \$7,780.24 in cash expenditures^ **TOTAL = \$21,380.24**

* See Exhibit #1 for a summary. A spreadsheet containing a daily tally of Volunteer's Names, Tasks & Hours can be provided if requested.

^ See Table #1 for Budgeted & Actual expenditures summary. See Exhibit #3 for all cash receipts.

Submit receipts and/or paid invoices for the reimbursement request and match documentation. Project expenditures without receipts will not be eligible for reimbursement. Copies of paid checks may be asked for with reimbursement requests.

TABLE # 1

Phase 2 Erosion Control Project - 2023 Budgeted & Actual Expenditures				
Spent	Budgeted			
SEED		(Order-Deliver-Pd) Dates	Store	Items
\$ 773.10		March -15May-June 2023	MNL	SEED
	920.34			Seed
Erosion Control		(Order-Deliver-Pd) Dates	Store	Items
\$ 421.54		17May -17May -17Jun 2023	Gertens	Straw Erosion Blankets
\$ 51.69		17May -17May -17Jun 2023	Gertens	Sod Staple stakes
\$ 150.03		22Jun - 22Jun - 18Aug 2023	Gertens	Peat moss & sod staples
\$ 249.87		08Aug -08Aug -18Aug 2023	Gertens	4 Straw Blankets
\$ 873.13				Sod Staple stakes
	\$ 1,360.00			Erosion Blankets & bales straw
Plugs		(Order-Deliver-Pd) Dates	Store	Items
\$ 1,376.32		22Feb -15May- 08Aug 2023	NaturaL Shore	plugs
\$ 1,032.24		22Feb -15Jun - June 2023	NaturaL Shore	plugs
\$ 2,408.56		22Feb -31Jul - 08Aug 2023	NaturaL Shore	plugs
\$ 1,000.52		22Feb -08Aug - 08Aug 2023	NaturaL Shore	plugs
\$ 5,817.64				
	\$ 5,680.88			plugs
Tools				
\$ 316.37		see itemized below*		Tools
	\$ 600.00			Tools
\$ 7,780.24	\$ 8,561.22	Total		
Spent	Budgeted			

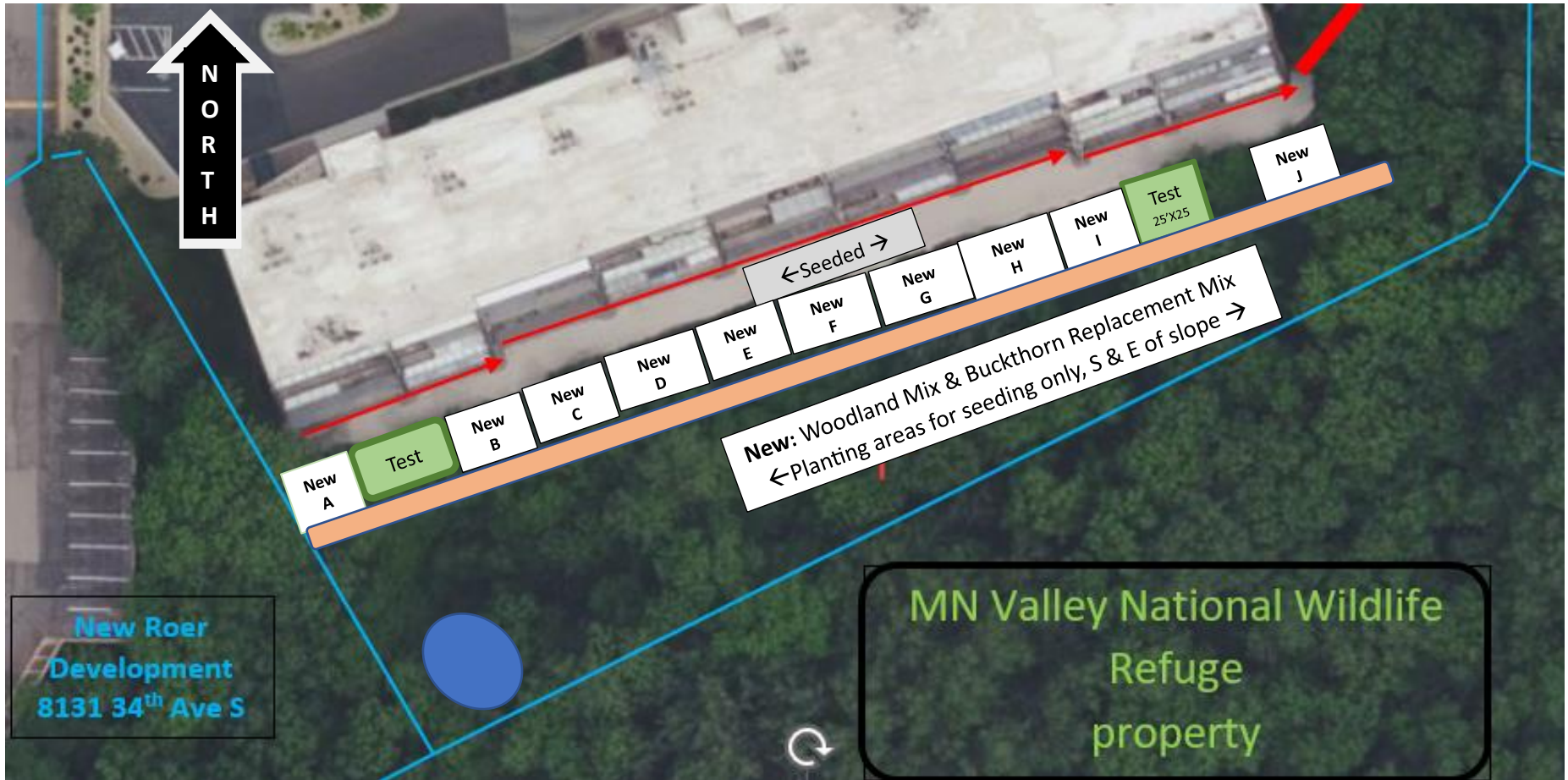
*Tools Itemized				
\$ Amt.	Date	Store	Items	Purpose
\$ 51.42	15-Apr-23	Home Depot	Gas Pole Pruner-r	tree cutting
\$ 92.50	9-May-23	Menards	chain saw supplie	tree cutting
\$ 29.54	12-Jun-23	Knitts Hrwr HanK	Sharpen Chainsav	tree cutting
\$ 25.78	15-Jun-23	Menards	Chainsaw fuel	tree cutting
\$ 22.00	11-Jul-23	Ace	chain saw sharpe	clean up & stakes
\$ 29.02	13-Jul-23	Ace	sledge hammer	replaced broken handle-for stakes
\$ 22.00	15-Jul-23	Ace	chain saw sharpe	clean up & stakes
\$ 44.11	31-Jul-23	Home Depot	Weed whip renta	to allow plugs to grow thru seeded
\$ 316.37	Total Expenditures on tools for Erosion Project			

Exhibit #1_Volunteers, Tasks & Hours as of 10 Sept. 2023

Name	Volunteer Task(s)	Hours
Tom Fahey	Coordinator & All Tasks including Watering	377.50
Ken Olstad	Weeding & Seeding	82.00
Jesse Morzenti	Weeding, Berms, Planting	42.50
Leo Tschida	Clearing trees/brush, Weeding & Planting	42.00
David Leiskau	Weeding, Berms, Planting	19.50
Maureen Olstad	Weeding & Planting	17.25
Janet Hartmann	Weeding & Planting	16.50
Pam Bott	Planting	16.00
Ben Skaar	Weeding & Seeding	6.50
Kathleen Schneibel	Planting	5.50
Jim Simpson	Weeding & Seeding	5.00
Mark Schneibel	Planting	4.75
Alesa Koppen	Planting	4.50
Forrest Wollack	Planting	3.25
Maureen Mady	Planting	3.00
Marcia Wattson	Weeding & Planting	2.33
Mary Anne Fahey	Weeding & Planting	2.25
Brad Pederson	Consulting, wholesale supplies	1.75
Linda Michel	Planting	1.00
Phil Burke	Documentation, Photos	?
TOTAL		653.08

EXHIBIT #2.1_Original Plan-Ver14Mar2023

Erosion Control & Maintenance Project - Phase 2

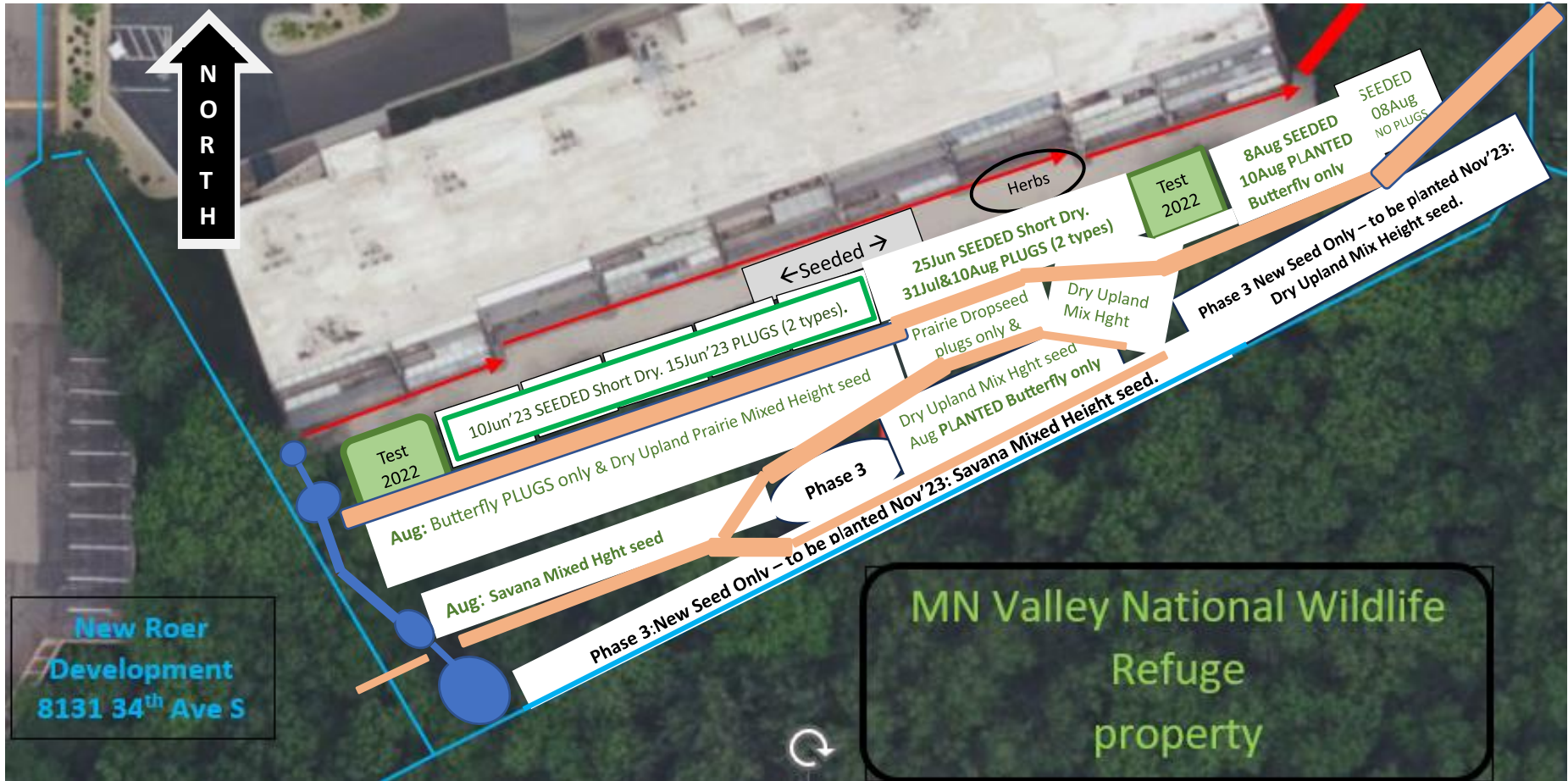


Legend

- Property lines. (Bldg is about 307' long. South property line is about 90-110' from SW corner of bldg. & about 45-55' from SE corner of bldg.)
- Completed Work:**
 - Draintile buried along entire southside of building with river rock at the surface.
 - Drain extends underground from east side of building approx 130' to the edge of bluff.
 - ← Seeded →** *Approximately 300ft X 12 ft (3600 sq ft) Prairie Mesic seeding completed in 2022 Phase 1 as part of the 2021 LMRWD Grant.*
 - Test** 2 Test (35'X20' & 25'X25') areas cleared; terraced for planting ease, wood steps & erosion control; laid seed, erosion blankets & plugs of prairie forbs & grasses.
- Proposed Work in 2023 Phase 2:**
 - New** 10 plots, treated same as 2022 test areas.
 - Vegetated Swale (about 330'X7').
 - Infiltration Basin (about 35'X30').

EXHIBIT #2.2_Revised Implementation-Ver15Oct2023

Erosion Control & Maintenance Project - Phase 2



Legend

- Property lines. (Bldg is about 307' long. South property line is about 90-110' from SW corner of bldg. & about 45-55' from SE corner of bldg.)
- Drantile buried along entire southside of building with river rock at the surface.
- Drain extends underground from east side of building approx 130' to the edge of bluff.

Completed Work in 2022, Phase 1:

- Approximately 300ft X 12 ft (3600 sq ft) Prairie Mesic seeding completed in 2022 Phase 1 as part of the 2021 LMRWD Grant.*
- 2 Test (35'X20' & 25'X25') areas cleared; terraced for planting ease, wood steps & erosion control; laid seed, erosion blankets & plugs of prairie forbs & grasses.

Work Completed in 2023 as of 15 October, Phase 2:

- Completed June'23
- Completed July&Aug'23 Seeds & Plugs.
- Existed & added '23 Berms.
- Completed Sep'23 Water Basins & Drainage Route.
- Completed May'23 Herb Garden.

EXHIBIT #3 Expenditures



Natural Shore Technologies, Inc.
6275 Pagenkopf Road
Maple Plain, MN 55359
612-703-7581 rob.L@naturalshore.com

Invoice

DATE	INVOICE #
2/22/2023	5475

BILL TO

Tom Fahey
Appletree Condo Assoc Board Mbr
thfahey@comcast.net

QUANT...	DESCRIPTION	DUE DATE	RATE	PROJECT	AMOUNT
		5/15/2023			
320	3" Side Oats Grama (Bouteloua curtipendula)		2.00		640.00T
320	3" Blue Grama (Bouteloua gracilis)		2.00		640.00T
	Proposed pick-up May 15				
	Sales Tax when selling in Hennepin County		7.525%		96.32
Total					\$1,376.32
Payments/Credits					\$0.00
Balance Due					\$1,376.32

Please make checks payable to Natural Shore Technologies, Inc.
6275 Pagenkopf Rd. Maple Plain, MN 55359.



Natural Shore Technologies, Inc.
6275 Pagenkopf Road
Maple Plain, MN 55359
612-703-7581 rob.L@naturalshore.com

Invoice

DATE	INVOICE #
2/22/2023	5476

BILL TO

Tom Fahey
Appletree Condo Assoc Board Mbr
thfahey@comcast.net

QUANT...	DESCRIPTION	DUE DATE	RATE	PROJECT	AMOUNT
		6/15/2023			
20	3" Lance-leaved Tickseed (Coreopsis lanceolata)		2.00		40.00T
20	3" White Prairie Clover (Dalea candida)		2.00		40.00T
20	3" Purple Prairie Clover (Dalea purpurea)		2.00		40.00T
20	3" Dotted Blazing Star (Liatris punctata)		2.00		40.00T
20	3" Side Oats Grama (Bouteloua curtipendula)		2.00		40.00T
20	3" Little Bluestem (Schizachyrium scoparium)		2.00		40.00T
20	3" Aromatic Aster (Symphyotrichum oblongifolium)		2.00		40.00T
20	3" Butterfly Weed (Asclepias tuberosa)		2.00		40.00T
32	3" Swamp Milkweed (Asclepias incarnata)		2.00		64.00T
32	3" Butterfly Weed (Asclepias tuberosa)		2.00		64.00T
32	3" Purple Coneflower (Echinacea purpurea)		2.00		64.00T
32	3" Meadow Blazing Star (Liatris ligulistylis)		2.00		64.00T
32	3" Black-eyed Susan (Rudbeckia hirta)		2.00		64.00T
32	3" Stiff Goldenrod (Solidago Rigida)		2.00		64.00T
32	3" Hoary Vervain (Verbena stricta)		2.00		64.00T
32	3" Sky Blue Aster (Symphyotrichum oolentangiense)		2.00		64.00T
32	3" Grey Headed Coneflower (Ratibida pinnata)		2.00		64.00T
32	3" Anise Hyssop (Agastache foeniculum)		2.00		64.00T
	Proposed Pick-up June 15				
	Sales Tax when selling in Hennepin County		7.525%		1,032.24
Total					\$1,032.24
Payments/Credits					\$0.00
Balance Due					\$1,032.24

BLOOMINGTON GARDEN CEN
9407 OLD CEDAR AVE S
BLOOMINGTON, MN, 55425
952-854-8148

05/11/23 18:10:09

Merchant ID: *****5998
Term ID: ***8617

SALE

*****7149 VISA
Entry Method: Chip Read Contact

Appr Code: 05104D
Transaction ID: 4015

Payment Type: CREDIT
Cardholder: MADY/JOHN
Invoice: 38
Response: APPROVAL
Approved: Online
Net Name: VISA
Net ID: 02
CID Code: 0x80 (ARQC)

CAPITAL ONE VISA
AID: A000000031010
TVR: 0080008000
TSI: E800
AC: C8D593885E91FB6B
IAD: 06011203A0A002
ARC: 00

Total: USD \$ 45.16



STORE 2813 Eagan
3220 Denmark Ave
Eagan, MN 55121
(651)994-9410

CONTRACT #: 266805

Status: CLOSED

THOMAS FAHEY
8121 34TH AVE S
BLOOMINGTON, MN 55425
(651) 503-8903

Rental Center Hours

MON 6A- 8P TUE 6A- 8P WED 6A- 8P THU 6A- 8P FRI 6A- 8P SAT 6A- 8P SUN 8A- 8P

ACTUAL DURATION
2 Hours, 25 Minutes

Deposit Trans: Register #: 90 Transaction #: 10612 PO #: 0 Date: 04/15/23 eDeposit #: 2813230415073555226680582
Refund Trans: Register #: 90 Transaction #: 10810 PO #: 0 Date: 04/15/23 eDeposit #: 2813230415073555226680582

Customer Name: THOMAS FAHEY Date out: 04/15/2023 - 10:55 AM
Date Due: 04/16/2023 - 10:55 AM
Date In: 04/15/2023 - 1:21 PM

Tool Description	Charges	Amount
Gas Pole Pruner (01-026-13297)	Tool Rental Fee	\$48.00
	SubTotal	\$48.00

Rental Subtotal	\$48.00
Sales Tax	\$3.42
Contract Total	\$51.42
Deposit - PAID 04/15/23 (VISA ending 4453)	-\$50.00
Balance Charged (VISA ending 4453)	\$1.42
Outstanding Balance	\$0.00



STORE 2845 Richfield, MN
6301 Richfield Parkway
Richfield, MN 55423
(612)243-2418

CONTRACT #: 245239

Status: CLOSED

THOMAS FAHEY
8121 34TH AVE S
BLOOMINGTON, MN 55425
(651) 503-8903

Rental Center Hours

MON 6A-10P TUE 6A-10P WED 6A-10P THU 6A-10P FRI 6A-10P SAT 6A-10P SUN 8A- 8P

ACTUAL DURATION
4 Hours, 49 Minutes

Deposit Trans: Register #: 90 Transaction #: 11321 PO #: 0 Date: 07/31/23 eDeposit #: 2845230731073063524523985
Refund Trans: Register #: 90 Transaction #: 11883 PO #: 0 Date: 07/31/23 eDeposit #: 2845230731073063524523985

Customer Name: THOMAS FAHEY Date out: 07/31/2023 - 3:06 PM
Date Due: 07/31/2023 - 7:06 PM
Date In: 07/31/2023 - 7:56 PM

Tool Description	Charges	Amount
Cordless String Trimmer (08-911-00209)	Tool Rental Fee	\$36.00
(1) 18V Battery w/LED 5.0AH	SubTotal	\$36.00
(1) 18V LXT Charger (2-port)		

Rental Subtotal	\$36.00
Damage Protection*	\$5.40
Sales Tax	\$2.71
Contract Total	\$44.11
Deposit - PAID 07/31/23 (VISA ending 4453)	-\$75.00
Balance Returned (VISA ending 4453)	-\$30.89
Outstanding Balance	\$0.00

Natural Shore Technologies, Inc.
6275 Pagenkopf Rd.
Maple Plain, MN 55359
612-703-7581 rob.L@naturalshore.com

Invoice

DATE	INVOICE #
2/22/2023	5477

BILL TO

Appletree Condominium
thfahey@comcast.net

DUE DATE	PROJECT
7/31/2023	

QUANT...	DESCRIPTION	RATE	AMOUNT
20	3" White Prairie Clover (Dalea candida)	2.00	40.00T
20	3" Purple Prairie Clover (Dalea purpurea)	2.00	40.00T
20	3" Aromatic Aster (Symphyotrichum oblongifolium)	2.00	40.00T
20	3" Lance-leaved Tickseed (Coreopsis lanceolata)	2.00	40.00T
20	3" Dotted Blazing Star (Liatris punctata)	2.00	40.00T
20	3" Butterfly Weed (Asclepias tuberosa)	2.00	40.00T
20	3" Little Bluestem (Schizachyrium scoparium)	2.00	40.00T
20	3" Side Oats Grama (Bouteloua curtipendula)	2.00	40.00T
32	3" Swamp Milkweed (Asclepias incarnata)	2.00	64.00T
32	3" Butterfly Weed (Asclepias tuberosa)	2.00	64.00T
32	3" Purple Coneflower (Echinacea purpurea)	2.00	64.00T
32	3" Meadow Blazing Star (Liatris ligulistylis)	2.00	64.00T
32	3" Black-eyed Susan (Rudbeckia hirta)	2.00	64.00T
32	3" Stiff Goldenrod (Solidago Rigida)	2.00	64.00T
32	3" Hoary Vervain (Verbena stricta)	2.00	64.00T
32	3" Sky Blue Aster (Symphyotrichum oolentangiense)	2.00	64.00T
32	3" Oxeeye (Heliopsis helianthoides)	2.00	64.00T
32	3" Pale Purple Coneflower (Echinacea pallida)	2.00	64.00T
1	Garden Bundle -- 50 Plants, 11 species	164.50	164.50T
18	4" Bottle-Brush-Sedge (Carex comosa) Bebb's Sedge*	3.50	63.00T
18	4" Fox Sedge (Carex vulpinoidea)	3.50	63.00T
	Proposed Pick-up early August		
	25% Deposit due by April 15 = \$ 460.00		
	Sales Tax when selling in Hennepin County	7.525%	70.02
	*Bebb's Sedge (Carex bebbii) replaced Bottle Brush (need to confirm this info)		
	Total		\$1,000.52
	Payments/Credits		-\$460.00
	Balance Due		\$540.52

Natural Shore Technologies, Inc.
6275 Pagenkopf Rd.
Maple Plain, MN 55359
612-703-7581 rob.L@naturalshore.com

Invoice

DATE	INVOICE #
2/22/2023	5478

BILL TO

Appletree Condominium
thfahey@comcast.net

DUE DATE	PROJECT
8/8/2023	

QUANT...	DESCRIPTION	RATE	AMOUNT
32	3" Swamp Milkweed (Asclepias incarnata)	2.00	64.00T
32	3" Butterfly Weed (Asclepias tuberosa)	2.00	64.00T
32	3" Purple Coneflower (Echinacea purpurea)	2.00	64.00T
32	3" Meadow Blazing Star (Liatris ligulistylis)	2.00	64.00T
32	3" Black-eyed Susan (Rudbeckia hirta)	2.00	64.00T
32	3" Stiff Goldenrod (Solidago Rigida)	2.00	64.00T
32	3" Hoary Vervain (Verbena stricta)	2.00	64.00T
32	3" Sky Blue Aster (Symphyotrichum oolentangiense)	2.00	64.00T
32	3" Oxeeye (Heliopsis helianthoides)	2.00	64.00T
32	3" Pale Purple Coneflower (Echinacea pallida)	2.00	64.00T
1	Garden Bundle -- 50 Plants, 11 species	164.50	164.50T
18	4" Bottle-Brush-Sedge (Carex comosa) Bebb's Sedge*	3.50	63.00T
18	4" Fox Sedge (Carex vulpinoidea)	3.50	63.00T
	Proposed Pick-up early August		
	25% Deposit due by April 15 = \$ 460.00		
	Sales Tax when selling in Hennepin County	7.525%	70.02
	*Bebb's Sedge (Carex bebbii) replaced Bottle Brush (need to confirm this info)		
	Total		\$1,000.52
	Payments/Credits		-\$460.00
	Balance Due		\$540.52

Gertens
5506 Blair Ave | Inver Grove Heights, MN 55076
651.450.1501 | gertens.com

PAGE NO 1

CERTIFIED

CURT NO:	JOB NO:	PURCHASE ORDER:	REFERENCE:	TERMS:	CLERK:	DATE/TIME:
100437	000		ORDR # 752359	NET 15TH	435	5/17/23 2:26

SHIP TO: BLOOMINGTON GARDEN CENTER & LANDSCAPE COMPANY
9407 OLD CEDAR AVE S
BLOOMINGTON, MN 55425-2419
952-854-8148

SHIP TO: FAYHEY/THOMAS

DEL DATE: 5/17/23

TERMINAL: 501
ORDER: 752359

SALESPERSON: SS SAM SEGALE
TAX: DAK DAKOTA COUNTY

INVOICE: H52359/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE	PER	EXTENSION
1		7	EA	JS102	ONE-SIDED POLY STRAW BLANK 8X11X	CON 6	7	43.00	/EA	301.00 C
2		2	EA	JS100	TWO SIDED STRAW BLANKET 8X11X 2.5	CON 7	2	46.25	/EA	92.50 C
3					XXXXXXXXXXXXXXXXXXXX4451					
4					XXXXXXXXXXXXXXXXXXXX4451					
					AUTH 05565G REF:752359					

TAXABLE	393.50	SUBTOTAL	393.50
NON-TAXABLE	0.00		
		** PAID IN FULL **	421.54
		(BARB PEDERSON)	
		SUBTOTAL	393.50
		TAX AMOUNT	28.04
		TOTAL	421.54

BANKCARD PAYMENT BKCRDWXXXXXXXXXXXX4451 421.54

TOT WT: 0.00
MD: ***3612

APP: 05565G XR: 752359

X Received By

Natural Shore Technologies, Inc.
6275 Pagenkopf Rd.
Maple Plain, MN 55359
612-703-7581 rob.L@naturalshore.com

Invoice

DATE	INVOICE #
2/22/2023	5477

BILL TO

Appletree Condominium
thfahey@comcast.net

DUE DATE	PROJECT
7/31/2023	

QUANT...	DESCRIPTION	RATE	AMOUNT
640	3" Prairie Dropseed (Sporobolus heterolepis)	2.00	1,280.00T
	Proposed Pick-up July 14		
	25% Deposit Required by April 15 = \$280.00		
	Total		8.00T
	Payments/Credits		-\$280.00
	Balance Due		\$2,128.56

MNL
8740 77th St NE
Otsego, MN 55362

HEAL THE EARTH!

INVOICE

BILLING ADDRESS	BILLING DATE	INVOICE #
Appletree Condo Association Tim Fahey	4/24/2023	38034

TERMS	DUE DATE	Account #
Due on receipt	4/24/2023	

SHIPPING ADDRESS	PROJECT	P.O. NO.
MNL Otsego 8740 77th St NE Otsego, MN 55362		

QTY	UNITS	ITEM	DESCRIPTION	UNIT PRICE	EXTENSION
2	Each	Seed	MNL Upland Dry Prairie Shortgrass 5000 sq ft packets	135.00	270.00T
2	Each	Seed	MNL Upland Dry Prairie Mixed Height 5000 sq ft packets	135.00	270.00T
1	Each	Seed	MNL Savanna Mixed Height 5000 sq ft packets	180.00	180.00T
			MNL Otsego Pickup MN/WrightCty	7.375%	53.10
			Total		\$773.10
			Payments/Credits		\$0.00
			Balance Due		\$773.10

Thank you for your business. Please place the invoice number on your check.

Any amount unpaid beyond 30 days, will incur a 1.5% per month finance charge.

Phone: (763) 295-0010 • www.MNLcorp.com • AP@MNLcorp.com

Erosion Control Project
Expns
Les

Knitts Hardware Hank
10359 Main Street
PO Box 327
Boulder Junction, WI 54512

Knitts Hardware Hank
10359 Main Street
Boulder Junction WI 54512
715-985-2900

6/12/2023 12:32 PM

BRANCH	1000	INVOICE	
CASHIER	JM	2306-076642	
SALESPERSON	MGR		
ACCOUNT	CASH		
JOB	0		
NAME	CASH SALES		

OSHARP CHAIN SAW SHARPENING	4	EA @ 7.00	EA	28.00
SUBTOTAL				28.00
SALES TAX WI 5.50%				1.54
TOTAL				29.54
AMOUNT PAID				29.54
CHANGE DUE				0.00

Thank you for your business!

PAYMENT METHOD[s]

SALE-VI#	29.54
ACCOUNT	###4362
APPROVED	212123
AL	
ENTRY MODE	VISA CRDIT
AID	0000000031010

EXHIBIT #3 Expenditures page 2 of 3.

Gertens
 5300 Blaine Ave | Inver Grove Heights, MN 55076
 651.450.1501 | gertens.com

CERTIFIED
 5000 Series

CUSTOMER: 100437 JOB NO: 000 PURCHASE ORDER: REFERENCE: ORDR # 804671 TERMS: NET 15TH CLERK: 3635 DATE / TIME: 8/8/23 11:12

SOLD TO: BLOOMINGTON GARDEN CENTER & LANDSCAPE COMPANY
 9407 OLD CEDAR AVE S
 BLOOMINGTON MN 55425-2419
 952-854-8148

SHIP TO: FAHEY/THOMAS DEL. DATE: 8/8/23 TERMINAL: 501 ORDER: 804671

TAX: DAK DAKOTA COUNTY

INVOICE: 104671/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1		1	EA	STAPLE6	6" SOD STAPLE 1000PK	CON 3	1	48.25 /EA	48.25 C
2		4	EA	JS100	TWO-SIDED STRAW BLANKET 8'X112.5	CON 7	4	46.25 /EA	185.00 C
3					XXXXXXXXXXXX4453 \$249.87				
4					AUTH:07672G REF:804671				
TAXABLE									233.25
NON-TAXABLE									0.00
SUBTOTAL									233.25
** PAID IN FULL **									249.87
(BRAD PEDERSON)									
SUBTOTAL									233.25
TAX AMOUNT									16.62
BANKCARD PAYMENT									249.87
BKCRD# XXXXXXXXXXXX4453									
TOTAL									249.87

Gertens
 5300 Blaine Ave | Inver Grove Heights, MN 55076
 651.450.1501 | gertens.com

CERTIFIED
 5000 Series

CUSTOMER: 100437 JOB NO: 000 PURCHASE ORDER: REFERENCE: ORDR # 778960 TERMS: NET 15TH CLERK: 3142 DATE / TIME: 8/22/23 3:30

SOLD TO: BLOOMINGTON GARDEN CENTER & LANDSCAPE COMPANY
 9407 OLD CEDAR AVE S
 BLOOMINGTON MN 55425-2419
 952-854-8148

SHIP TO: FAHEY/THOMAS DEL. DATE: 8/22/23 TERMINAL: 402 ORDER: 778960

TAX: DAK DAKOTA COUNTY

INVOICE: H78960/6

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	LOCATION	UNITS	PRICE/ PER	EXTENSION
1		4	EA	B63	PEAT MOSS 3.8CF	FIELD	4	22.95 /EA	91.80 C
2		1	EA	STAPLE6	6" SOD STAPLE 1000PK	CON 3	1	48.25 /EA	48.25 C
3					XXXXXXXXXXXX4453 \$150.03				
4					AUTH:00079G REF:778960				
TAXABLE									140.05
NON-TAXABLE									0.00
SUBTOTAL									140.05
** PAID IN FULL **									150.03
(ERIC PEDERSON)									
SUBTOTAL									140.05
TAX AMOUNT									9.98
BANKCARD PAYMENT									150.03
BKCRD# XXXXXXXXXXXX4453									
TOTAL									150.03

40:1 FUEL PREMIUM 110 0Z NR 23.98

2674182 NR 23.98

TOTAL 23.98

TAX HENNEPIN-MN 7.525% 1.80

TOTAL SALE 25.78

VISA CREDIT 4362 25.78

Auth Code:6151140

Chip Inserted

a0000000031010

TC - d5f94a1b5795f097

TOTAL NUMBER OF ITEMS = 1

Menards - RICHFIELD
 7701 NICOTTET AVE S
 RICHFIELD, MN 55423

KEEP YOUR RECEIPT
 RETURN POLICY VARIES BY PRODUCT TYPE

Unless noted below allowable returns for items on this receipt will be in the form of an in store credit voucher if the return is done after 09/13/23

If you have questions regarding the charges on your receipt, please email us at:
 RFLDfrontend@menards.com

Erosion Control Project Expense Lcc



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 4. I. – Approve Cost Share Application for 1880 Christy Drive, Carver, MN

Prepared By

Linda Loomis, Administrator

Summary

The LMRWD has received an application under the Cost Share Grant Program. The applicant is working with the Mustard Seed Landscaping & Garden Center. The request is for one-half of the cost to install a rain garden in the back you of the applicant. The rain garden will be installed in the backyard of the home in a spot that tends to remain wet. The property is a recently constructed home, built downhill from the City of Carver water tower. The rain garden is planned to intercept stormwater flow coming from the City's property and one-half of the roof of the home. The total amount requested for the grant is \$1,392.00.

The property owner applied for funds this year, planning to install the project next year. The property owner wants to contract the landscaper now. The LMRWD has expended its 2023 funds for the Cost Share Program (although not all projects have requested reimbursement yet). This application could be applied toward the 2024 program.

Attachments

LMRWD Cost Share Grant application for 1880 Christy Drive, Carver – Boykin & Williams
Carver County GIS Maps
Carver County Property Report Card

Recommended Action

Motion to approve Application for 1880 Christy Drive, Boykin/Williams and authorize execution of Cost Share Grant Agreement



LOWER MINNESOTA RIVER
Watershed Council

Cost Share Grant Application 2022

Application type (check one) Homeowner Non-profit - 501(c)(3) School

Business or corporation Public agency or local government unit

Project type (check all that apply) Raingarden Vegetated Swale Infiltration Basin

Wetland restoration Buffer/shoreline restoration Conservation practice Habitat restoration

Pervious hard surface Other _____

Applicant Information

Name of organization or individual applying for grant (to be named as grantee):

Tom Williams

Address (street, city and ZIP code):

1880 Christy Dr. Carver, MN 55315

Phone: 1-599-270-~~5698~~ 5689 Email address: grokeone@yahoo.com

Primary Contact (if different from above)

Name of organization or individual applying for grant (to be named as grantee):

Angela Boykin

Address (street, city and ZIP code):

1880 Christy Dr Carver MN 55315

Phone: 5592733410 Email address: angboy@yahoo.com

Project location

Address (street, city and ZIP code):

1880 Christy Dr. Carver

Property Identification Number (PID)

Property owners:

Tom Williams

Project Summary

Title Tom Williams Raingarden and Native Pollinator buffer zone

Total project cost \$2784.00 Grant amount requested \$1392.00

Estimated start date TBD May Estimated completion date One week after start date

Is project tributary to a water body? No, water remains on site Yes, indirectly Yes, directly adjacent

Is this work required as part of a permit? No Yes

(If yes; describe how the project provides water quality treatment beyond permit requirement on a separate page.)

Project Details

Checklist To be considered complete the following must be included with the application.

- | | |
|--|---|
| <input checked="" type="checkbox"/> location map | <input checked="" type="checkbox"/> project timeline |
| <input checked="" type="checkbox"/> site plan & design schematic | <input checked="" type="checkbox"/> proof of property ownership |
| <input checked="" type="checkbox"/> contracted items | <input checked="" type="checkbox"/> plant list & planting plan (if project includes plants) |

Project description Describe the project, current site conditions, as well as site history, and past management. Note any potential impacts to neighboring properties.

Installing a 5-7 wide buffer zone of Native pollinator friendly plants to help slow down the water and filter out solids going into The new raingarden. Right now the water from the Carver water tower lot flows through a weed patch then into the backyard. Also the water from the half house and the yard will flow into this raingarden. The water right now flows through the a low spot in the yard into the Neighbors keeping the yard wet and then runs into the sewer drain.

What are the project objectives and expected outcomes? Give any additional project details.

The objectives are to improve the water quality by using the raingarden and buffer area to filter out any lawn Fertilizer, Herbicides and solids coming from the drive around the water tower and anything off the roofs. Installing these item should allows use to Cleanse most of the water before it can reach the lawn. An added benefit is to help dry out the neighbors lawn so he can effectively mow.

Which cost share goals does the project support? (check all that apply)

- improve watershed resources foster water resource stewardship
- increase awareness of the vulnerability of watershed resources
- increase familiarity with and acceptance of solutions to improve waters

How does the project support the goals you checked?

The raingarden will allow water to flow back into the ground and not into the storm drain. It will also allow solids to settle out.

Project Details (continued)

Project benefits Estimate the project benefits in terms of restoration and/or annual pollution reduction.

If you are working with a designer or contractor, they can provide these numbers. If you need help contact the district administrator. Computations should be attached.

Metal roof and paving from water From Carver water tower
Approximately 8,700 sq feet. Homeowner's roof is about
2,250 sq feet

Benefit	Amount	
Water captures		gal/year
Water infiltrated		gal/year
Phosphorus removed	<i>see above</i>	lbs/year
Sediment removed		lbs/year
Land restored		sq. ft.

How will you share the project results with your community and work to inform others about your projects environmental benefit?

Several different ways but the big one is doing educational talks. The Mustard seed has install some other larger raingarden and pollinator garden where we have and will continue to have raingarden education days and it would be nice if we had some smaller ones. This way we could show what is possible in small yards We had are first education day this year in August on site at Back Channel Brewing. This was a joint function with Hennipen County, Soil and water, Back channel Brewing, and The Mustard Seed. This will be a yearly event. We also having a raingarden/pollinator talk this spring for Carver/Scott Master Gardener.

Please note that by obtaining cost share funding from the Lower Minnesota River Watershed District, your project may be shared with the community through our website, social media, or other media. Your project may also be highlighted on a tour or training event, with prior notice and agreement.

Maintenance Describe the anticipated maintenance and maintenance schedule for your project.

Spring cut back of flower and weekly weeding. The weeding will get less as the plants grow in

I acknowledge that receipt of a grant is contingent upon agreeing to maintain the project for the number of years outlined in the cost share guidelines. Yes

Authorization

Name of landowner or responsible party

Tom Williams

Signature

Tom Williams

Date

11-6-2023

Type or handwrite your answers on this form. Attached additional pages as needed.

For questions, contact Linda Loomis at Naiad Consulting@gmail.com or call 763-545-4659.

Mail the completed application to

**Lower Minnesota River Watershed District
c/o Linda Loomis, Administrator
112 E. Fifth St., Suite 102
Chaska, MN 55318**

or email to:

**Linda Loomis, Administrator
naiadconsulting@gmail.com**

The Mustard Seed
 10000 Great Plains Blvd
 Chaska, MN 55318
 952-445-6555



Estimate

Date	Estimate #
10/4/2023	1409

Customer Phone

1-599-270-5698

Rep

CJW

Tom Williams
 1880 Christy Dr.
 Carver, MN 55135

Qty	Description	Total
5	Remove sod and soil for raingarden and pollinator area.	462.70
1	Soil, organic raingarden installed 5 cu yd	300.00T
68	Poly Edging	510.00
6	Iris Versicolor Native #1, Item #377	166.98
6	Lobelia, Cardinal Flower, #1	179.22
6	Chelone Glabra #1, Item #9485	160.98
6	Lobelia, Great Blue, #1	179.22
3	Culver's root	89.61
3	Shredded Hardwood Fro rain garden area	555.00
1	Seed, Native wildflower seed mix per a lbs	104.89
65	Straw blanket 8' X 1' charged by the linear	75.40

Terms of Acceptance: 50% due upon acceptance/signing of estimate. Remaining balance due upon completion.

To accept this estimate, please sign, date, and email to your design rep or mail to address above with a deposit. The Mustard Seed warrants installed plant materials to the original purchaser, only once, to grow through the warranty period, provided: (a) the account was paid when due; (b) the purchaser has cared for the plant in a reasonable manner; (c) the plant has not been damaged due to an act of nature or animals such as rabbits or deer (d) plant failure was reported during the warranty period. The warranty period covers one calendar year from the time of plant installation. TMS is not responsible for natural stone defects on products installed and utility or foundation soil settlements on project sites. A monthly service charge of 2% will be charged on all past due accounts.

Signature

Date

Subtotal	\$2,784.00
Sales Tax (8.375%)	\$25.13
Total	\$2,809.13

IRIS, BLUE FLAG

LOBELIA CARDINAL

CHELONE GLABRA

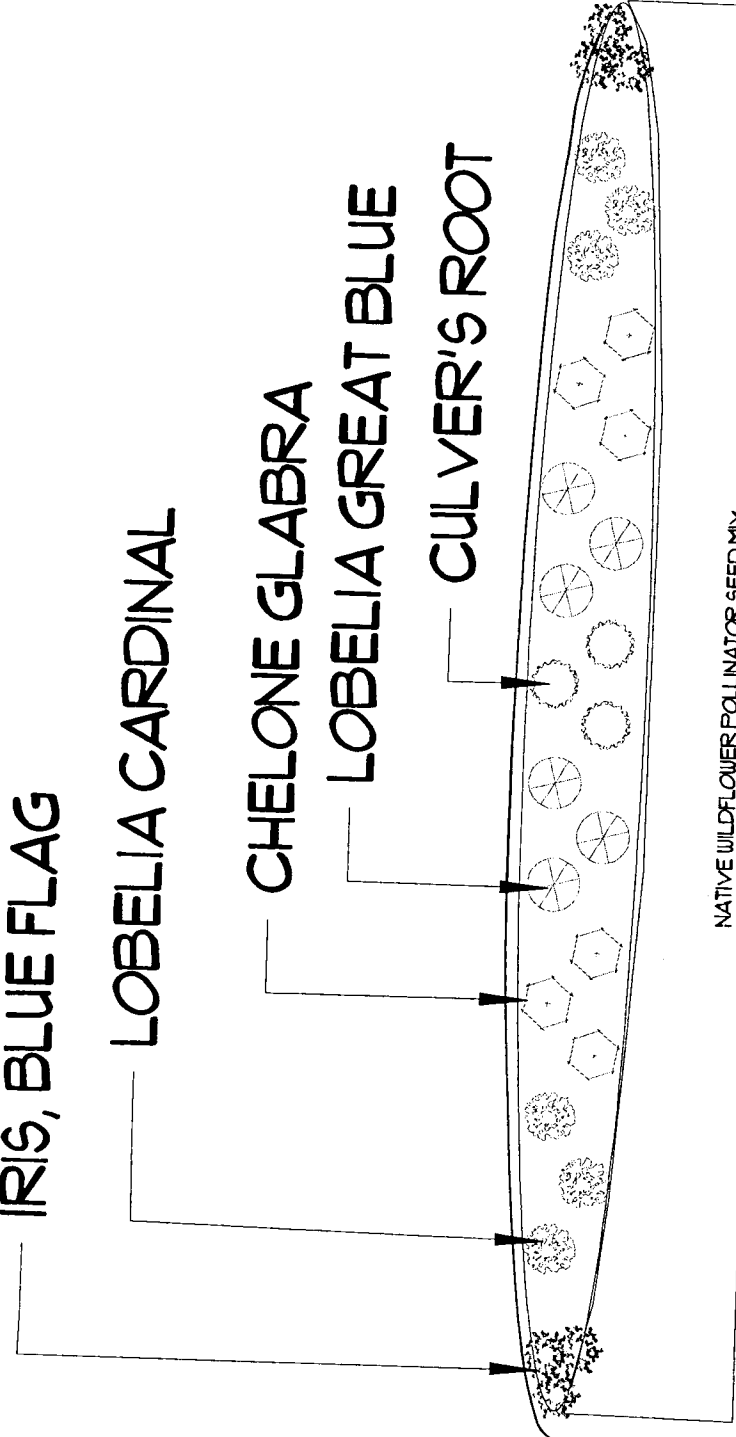
LOBELIA GREAT BLUE

CULVER'S ROOT

DEPTH 8-10"

RAIN GARDEN OVERFLOW

NATIVE WILDFLOWER POLLINATOR SEED MIX



Revision #:

Date: 10/4/2023

Scale:

1/8" = 1'

Landscape Plan:

Williams rainingarden and pollinator garden
Landscape Design by: Cory
The Mustard Seed Inc.

CERTIFICATE OF SURVEY

NOTE: FUTURE FINAL GRADE AS-BUILT REQUIRED.



SCALE : 1" = 20'

Legal Description:

LOT 11, BLOCK 1,
CHRISTY'S BLUFF
CARVER COUNTY, MINNESOTA

(924.20) = FINISHED GARAGE FLOOR ELEVATION
(925.23) = TOP OF FOUNDATION ELEVATION
(922.06) = BASEMENT FLOOR ELEVATION

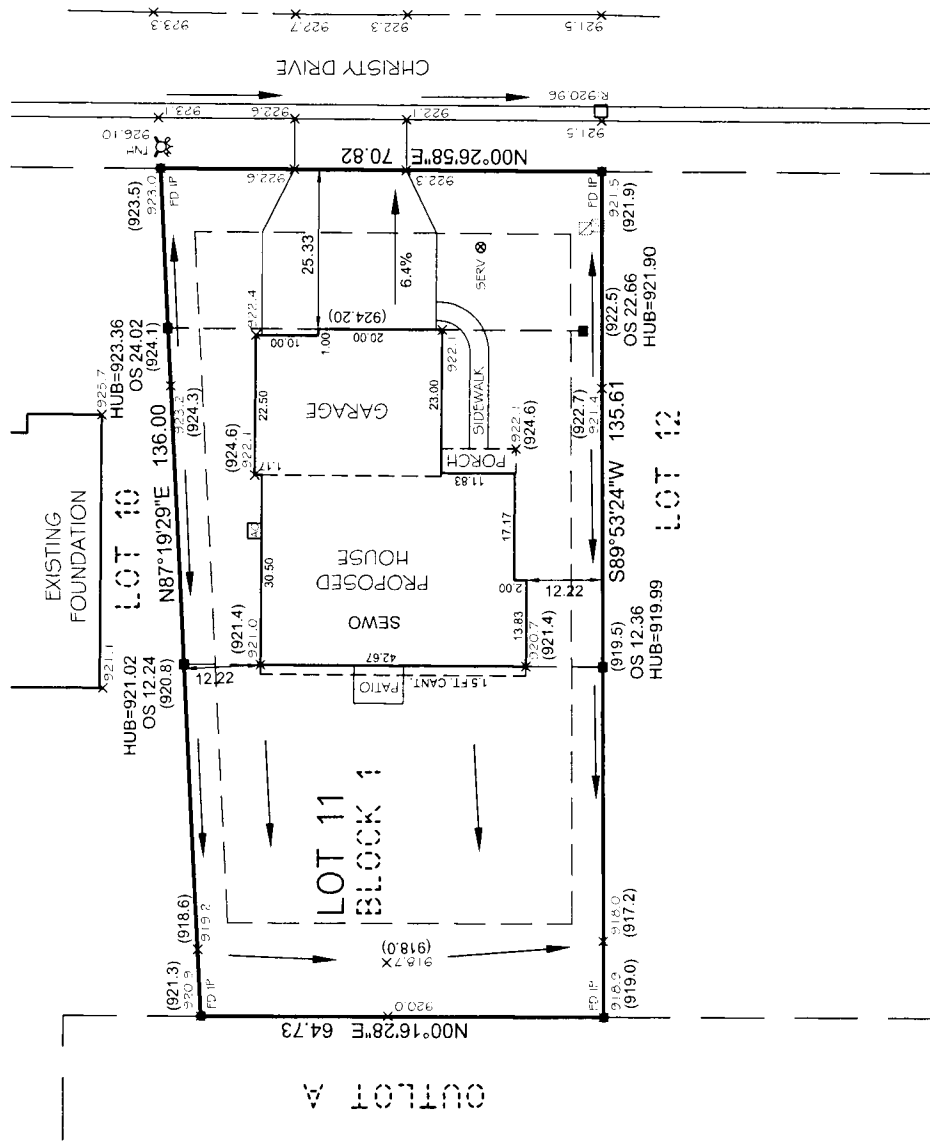
BENCHMARK:

LOT AREA : 9,198 SQ. FT.
HOUSE AREA : 1,969 SQ. FT.
PORCH AREA : 48 SQ. FT.
PATIO AREA : 48 SQ. FT.
SIDEWALK AREA : 79 SQ. FT.
DRIVEWAY AREA : 668 SQ. FT.
TOTAL IMPERVIOUS AREA : 2,812 SQ. FT. (30.6%)

LEGEND

- 000.0 DENOTES EXISTING ELEVATION
- (000.0) DENOTES PROPOSED ELEVATION
- 000.0 DENOTES AS BUILT ELEVATION
- DENOTES DIRECTION OF SURFACE DRAINAGE
- DENOTES IRON MONUMENT FOUND
- DENOTES IRON MONUMENT SET
- DENOTES WOOD HUB
- ⊙ DENOTES NAIL
- ⊞ DENOTES EXISTING UTILITY BOX
- ⊕ DENOTES EXISTING POWER POLE
- ⊗ DENOTES EXISTING LIGHT POLE
- ⊛ DENOTES EXISTING STORM MANHOLE
- DENOTES EXISTING CATCH BASIN
- △ DENOTES EXISTING F.E.S.
- ⊞ DENOTES EXISTING HYDRANT
- ⊞ DENOTES EXISTING SERVICE OR CLEANOUT
- ⊞ DENOTES EXISTING SANITARY MANHOLE
- ⊞ DENOTES EXISTING CONSERVATION POST OR WET LAND BUFFER POST
- ⊞ DENOTES EXISTING TREE
- ⊞ DENOTES EXISTING RETAINING WALL
- ⊞ DENOTES PROPOSED RETAINING WALL
- ⊞ DENOTES EXISTING TREELINE
- ⊞ DENOTES EXISTING FENCE

1. No specific soils investigation has been performed on this lot by the surveyor. The suitability of the soils to support the specific house is not the responsibility of the surveyor.
2. No title information was provided for this survey. This survey does not purport to show all easements of record.
3. See architectural plans for final building dimensions.



PROJECT NO. 17582.00
ADDRESS: XXX, CAVER, MN.
BUYER:

PREPARED FOR:
FIELDSTONE FAMILY HOMES

I hereby certify that this is a true and correct representation of a tract as shown and described hereon. As prepared by me or under my direct supervision and that I am a duly licensed Land Surveyor under the laws of the State of Minnesota.

9-15-2021
Date

Russell P. Damlo
RUSSELL P. DAMLO
Minn. Reg. No. 19086

PROBE ENGINEERING COMPANY, INC.
CONSULTING ENGINEERS,
PLANNERS and LAND SURVEYORS
300 EAST 148th ST., STE. 240, BURNSVILLE, MN 55337 PH (952)432-3000



Carver County
Property Tax Department
600 East 4th Street, P.O. Box 69
Chaska, MN 55318-0069
(952) 361-1910 • www.co.carver.mn.us

Go paperless next year! Find your Authorization Code on the back of this statement!

For the following visit our website at www.co.carver.mn.us

- Pay your taxes online
- Sign up for our Tax Payment Reminder
- Print additional copies of your Tax Statement

Property ID #: **20.1200110**

Taxpayer:

30008*139**G50**1.0655**1/4*****AUTO5-DIGIT 55315
ANGELA M BOYKIN
THOMAS E WILLIAMS
1880 CHRISTY DR
CARVER MN 55315-4592



REFUNDS?

You may be eligible for one or more refunds to reduce your property tax. Read the back of this statement to find out how to apply.

Bill #: 1474154

Property Address:
1880 CHRISTY DR
CARVER MN 55315

Property Description:
Block 001 Lot 011 CHRISTYS BLUFF

Line 13 Special Assessment Detail:
HAZ & SOLID WASTE FEE RES/AG 33.00

Principal: 33.00
Interest:

2023 PROPERTY TAX STATEMENT			
VALUES AND CLASSIFICATION			
Step 1	Taxes Payable Year:	2022	202
	Estimated Market Value:	77,200	154.0C
	Homestead Exclusion:		23.4C
	Taxable Market Value:	77,200	130.6C
	New Improvements/ Expired Exclusions:	0	47.2C
Property Classification:	Res Non-Hstd	Res Hs	
<i>Sent in March 2022</i>			
Step 2	PROPOSED TAX		
	Proposed Tax:		1,556.0
<i>Sent in November 2022</i>			
Step 3	PROPERTY TAX STATEMENT		
	First half taxes due:	05/15/2023	797.0
	Second half taxes due:	10/16/2023	797.0
	Total Taxes Due in 2023:		1,594.0

Tax Detail for Your Property

Taxes Payable Year:		2022	202
1. Use this amount on Form M1PR to see if you are eligible for a property tax refund. File by August 15. If this box is checked, you owe delinquent taxes and are not eligible. <input type="checkbox"/>			
			1,561.0
2. Use these amounts on Form M1PR to see if you are eligible for a special refund.			
Tax and Credits	3. Property taxes before credits	1,301.00	1,561.0
	4. Credits that reduce property taxes	A. Agricultural market value credits B. Other Credits	
	5. Property taxes after credits	1,301.00	1,561.0
Property Tax By Jurisdiction	6. County	A. Carver County B. Co Rail Authority	330.09 1.06
	7. City or Town	CITY OF CARVER	467.06
	8. State General Tax		488.0
	9. School District	SD 0112 Eastern Carver Only	
		A. Voter Approved Levies B. Other Local Levies	305.45 167.33
	10. Special Taxing Districts	A. Metro Council B. Metro Mosquito Control C. Carver County CDA D. Watershed	6.15 3.52 15.78 4.56
			7.0 4.0 18.0 5.0
	11. Non-school voter approved referenda levies		
	12. Total property tax before special assessments		1,301.00
	13. Special Assessments	interest: Principal: 33.00	33.00
14. TOTAL PROPERTY TAX AND SPECIAL ASSESSMENTS		1,334.00	1,594.0

Please fold on perforation BEFORE tearing



Office of County Assessor
 Carver County Government Center
 600 East 4th Street
 Chaska, MN 55318-2102
 Phone:(952) 361-1960

Taxpayer:

30008*139**G50**1.0655**3/4*****AUTO5-DIGIT 55315
 ANGELA M BOYKIN
 THOMAS E WILLIAMS
 1880 CHRISTY DR
 CARVER MN 55315-4592

Property ID Number: **20.1200110**

Property Address:
 1880 CHRISTY DR
 CARVER MN 55315

Go paperless next year!

Go to eNoticesOnline.com and register with this code:
CRV-LGWYPF9X

VALUATION NOTICE

2023 Values for Taxes Payable in: 2024

Property tax notices are delivered on the following schedule:

- Step 1** Valuation and Classification Notice

Class: Res Hstd
 Estimated Market Value: \$483,200 *See Details*
 Homestead Exclusion: \$0 *Below*
 Taxable Market Value: \$483,200
- Step 2** Proposed Taxes Notice

2024 Proposed: *Coming November 2023*
- Step 3** Property Tax Statement

1st Half Taxes:
 2nd Half Taxes: *Coming March 2024*
 Total Taxes Due in 2024:

The time to appeal or question your
Classification or Valuation
Is NOW!
It will be too late when proposed taxes are sent

You must have appealed to the Local Board of Appeal meeting first in order to appear before the County Board of Appeal. To appear at the County Board of Appeal you must call the Assessor to get on the agenda.

Property Information (legal description)

Block 001 Lot 011 CHRISTYS BLUFF

Your Property's Classification(s) and Values

Taxes Payable in 2023 (2022 Assessment)

Taxes Payable in 2024 (2023 Assessment)

The assessor has determined your

Res Hstd

Res Hstd



This map was created using Carver County's Geographic Information Systems (GIS), it is a compilation of information and data from various City, County, State, and Federal offices. This map is not a surveyed or legally recorded map and is intended to be used as a reference. Carver County is not responsible for any inaccuracies contained herein.

Map Date: 11/11/2023



This map was created using Carver County's Geographic Information Systems (GIS), it is a compilation of information and data from various City, County, State, and Federal offices. This map is not a surveyed or legally recorded map and is intended to be used as a reference. Carver County is not responsible for any inaccuracies contained herein.

Map Date: 11/11/2023

Property Card	Parcel ID Number 201200110
----------------------	-----------------------------------

Taxpayer Information
Taxpayer Name ANGELA M BOYKIN THOMAS E WILLIAMS
Mailing Address 1880 CHRISTY DR CARVER, MN 55315-



Property Address
Address 1880 CHRISTY DR
City CARVER, MN 55315

Parcel Information	
Uses	Res 1 unit
Acres	0.21
Plat	CHRISTYS BLUFF
Lot	011
Block	001

Legal Description

Building Information			
Building Style	Split Level Frame	Above Grade Finished Sq Ft 1385	Total Bedrooms 4
Year Built	2021	Garage	Y

Miscellaneous Information				
School District	Watershed District	Homestead	Green Acres	Ag Preserve
0112	WS 060 LOWER MN RIVER	Y	N	N

Assessor Information				
Estimated Market Value	2022 Values (Payable 2023)	2023 Values (Payable 2024)	Last Sale	
Land	\$106,800.00	\$135,000.00	Date of Sale	12/29/2021
Building	\$47,200.00	\$348,200.00	Sale Value	\$104,464.00
Total	\$154,000.00	\$483,200.00		

The data provided herewith is for reference purposes only. This data is not suitable for legal, engineering, surveying or other similar purposes. Carver County does not guarantee the accuracy of the information contained herein. This data is furnished on an 'as is' basis and Carver County makes no representations or warranties, either expressed or implied, for the merchantability or fitness of the information provided for any purpose. This disclaimer is provided pursuant to Minnesota Statutes §466.03 and the user of the data provided herein acknowledges that Carver County shall not be liable for any damages, and by using this data in any way expressly waives all claims, and agrees to defend, indemnify, and hold harmless Carver County, its officials, officers, agents, employees, etc. from any and all claims brought by anyone who uses the information provided for herein, its employees or agents, or third parties which arise out of user's access. By acceptance of this data, the user agrees not to transmit this data or provide access to it or any part of it to another party unless the user includes with the data a copy of this disclaimer.



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2023

Agenda Item

Item 5. A. – Boundary Adjustment at MSP Airport between LMRWD and Minnehaha Creek Watershed Districts

Prepared By

Linda Loomis, Administrator

Summary

The LMRWD and Metropolitan Airport Commission (MAC) have discussed amending the boundaries of watershed districts at the Minneapolis/St. Paul Airport (MSP) to better match the actual hydrological boundaries. LMRWD and MAC have had a number of discussions about stormwater issues at MSP and have mapped the proposed boundaries using GIS. Minnehaha Creek Watershed District (MCWD) staff have agreed to the proposed changes. The next step is to obtain official agreement from both MAC and MCWD in the form of a letter on concurrence or a resolution adopted by the respective Boards. Once concurrence has been received a petition will be submitted to BWSR requesting changes to the boundary. The amendment does not have any impact to the tax capacities of either watershed district, as MAC is a local unit of government and is tax-exempt.

Both MCWD and MAC have agreed in concept and are in the process of official agreement. In order to be prepared to submit the petition to BWSR, LMRWD staff is requesting the LMRWD Board of Managers approve the petition and adopt Resolution 23-14 - Resolution Supporting Change of Boundary Between Minnehaha Creek Watershed District and Lower Minnesota River Watershed District

Attachments

Lower Minnesota River Watershed District Petition for Boundary Change

Resolution 23-14 - Resolution Supporting Change of Boundary Between Minnehaha Creek Watershed District and Lower Minnesota River Watershed District

Recommended Action

Motion to approve Lower Minnesota River Watershed District Petition for Boundary Change and adopt Resolution 23-14 - Resolution Supporting Change of Boundary Between Minnehaha Creek Watershed District and Lower Minnesota River Watershed District

LOWER MINNESOTA RIVER WATERSHED DISTRICT
PETITION FOR BOUNDARY CHANGE

In the matter of boundary change between the
Lower Minnesota River Watershed District and
Minnehaha Creek Watershed District
Pursuant to Minnesota Statutes section 103B.215

TO: Board of Water and Soil Resources
520 Lafayette Road North
Saint Paul, MN 55155

Lower Minnesota River Watershed District (LMRWD; petitioner), a Minnesota special-purposes unit of government with powers set forth at Minnesota Statutes chapters 103B and 103D, pursuant to LMRWD resolution 23-14, hereby petitions the Board of Water and Soil Resources for an order approving the adjustment of the common jurisdictional boundary between Lower Minnesota River Watershed District and Minnehaha Creek Watershed District (MCWD), pursuant to Minnesota Statutes section 103B.215, for the following reasons:

1. LMRWD is an existing watershed district within jurisdiction entirely within the Twin Cities metropolitan area, as defined at Minnesota Statutes section 471.121, subdivision 2;
2. In 2023, Metropolitan Airports Commission (MAC), requested a watershed boundary change due to storm sewer updates at MAC which changed the drainage boundaries between LMRWD and MCWD within MAC boundaries. LMRWD completed a review of the boundary change request by examining the storm sewer connections in the MAC 2019 Master Drainage Plan and area topography. The storm sewer connections were confirmed to drain to either MCWD or the LMRWD. Topography, in geographic information system format, was then used to confirm storm sewer drainage areas around the proposed boundary change. The analysis results show that six (6) parcels, totaling approximately 581 acres, should be reassigned from MCWD to LMRWD (specified in Exhibit A, attached to and incorporated into this petition) to ensure that the boundary more closely conforms to the hydrologic watershed divide between the two districts.
3. The six parcels to be reassigned are within the jurisdictional borders of the Metropolitan Airports Commission (MAC). Maps of the proposed reassignments are attached hereto and incorporated herein as Exhibit B.
4. The petitioned adjustments will serve the public benefit by causing the common jurisdictional boundary to more closely conform to the hydrological divide between the two entities and would facilitate watershed-based water resource planning and management, making the petitioned adjustment consistent with the purposes and requirements of the Metropolitan Surface Water Management Act, Minnesota Statutes sections 103B.205 to 103B.255;

5. In fulfillment of the requirements of Minnesota Statutes section 103B.215, subdivision 2(c), the watershed management organizations and governing body (Metropolitan Airports Commission) affected by the boundary change have concurred in this petition, as evidenced by the resolution and letter from each attached to and incorporated into this petition as follows: Minnehaha Creek Watershed District (Exhibit C) and Metropolitan Airports Commission (Exhibit D);
6. LMRWD, as a petitioner, represents that none of the parcels in the area of the proposed boundary change, as listed in Exhibit A, are subject to any outstanding indebtedness or assessment from either LMRWD or MCWD and that the boundary change will not affect any benefits or damages for previously constructed improvements, making the petition consistent with Minnesota Statutes 103B.225, as required by Minnesota Statutes section 103B.215, subdivision 2(b)(3).
7. A copy of the LMRWD Board of Managers resolution 23-14 is attached hereto and incorporated herein as Exhibit E.

WHEREFORE, in accordance with Minnesota Statutes 103B.215, LMRWD respectfully petitions the Board of Water and Soil Resources to issue an order implementing the boundary change requested herein.

Lower Minnesota River Watershed District

_____ Date: _____
President

Exhibit A
Parcels to be reassigned from MCWD to LMRWD

Portions of parcels reassigned from MCWD to LMRWD

<i>Map ID</i>	<i>Property Identification Number</i>	<i>Property Owner</i>
1	2502824110002	Metropolitan Airports Commission
2	2502824210015	Metropolitan Airports Commission
3	2502824210030	Metropolitan Airports Commission
4	2502824230153	Metropolitan Airports Commission
5	2502824240057	Metropolitan Airports Commission
6	2502824330070	Metropolitan Airports Commission

Exhibit B
Map

Figure 1 Proposed LMRWD boundary change

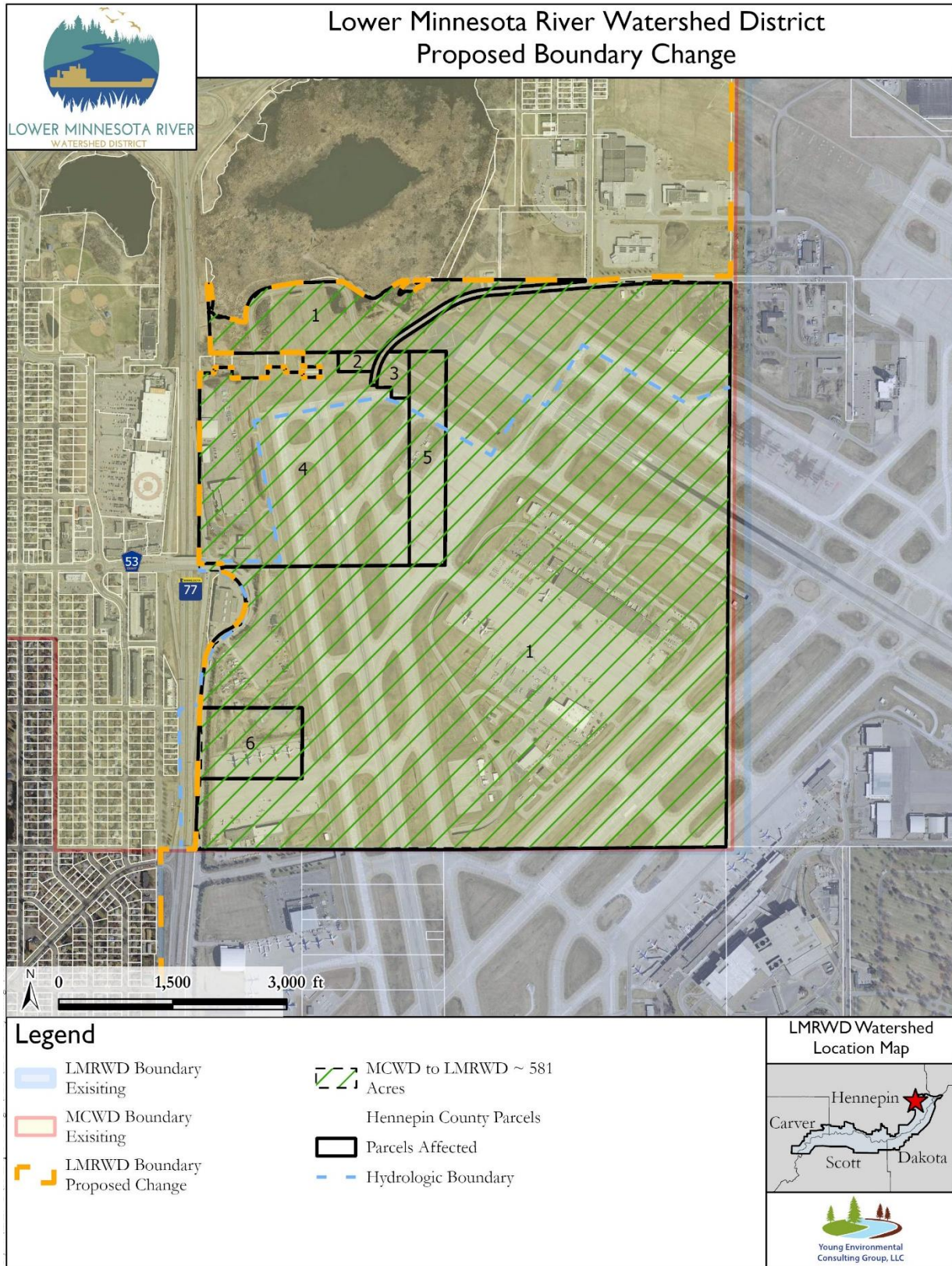


Exhibit C
Minnehaha Creek Watershed District – Resolution & Letter of Concurrence

Exhibit D
Metropolitan Airports Commission – Resolution & Letter of Concurrence

Exhibit E
LMRWD Resolution

Manager _____ introduced the following resolution and moved its adoption:

RESOLUTION 23-14

RESOLUTION SUPPORTING CHANGE OF BOUNDARY BETWEEN
MINNEHAHA CREEK WATERSHED DISTRICT, AND
LOWER MINNESOTA RIVER WATERSHED DISTRICT

WHEREAS, the Lower Minnesota River Watershed District (LMRWD), a public body with purposes and powers set forth in Minnesota Statutes Chapters 103B and 103D, hereby petitions the Minnesota Board of Water and Soil Resources for an order approving the adjustment of the common jurisdictional boundary between the LMRWD and the Minnehaha Creek Watershed District (MCWD) pursuant to Minnesota Statutes Section 103B.215, and;

WHEREAS, as a result of storm sewer updates at the Minneapolis/St. Paul Airport (MSP) by the Metropolitan Airport Commission (MAC) which changed the drainage boundaries between the LMRWD and MCWD within MAC boundaries; and

WHEREAS, the MAC requested a watershed boundary change due to said updates; and

WHEREAS, the LMRWD completed a review of the boundary change requested by examining the storm sewer connections in the MAC 2019 Master Drainage Plan and area topography; and

WHEREAS, topography, in geographic information system format, was then used to confirm storm sewer drainage areas around the proposed boundary change and connections were confirmed to drain to either the LMRWD or the MCWD; and

WHEREAS, the analysis results show that portions of five (5) parcels, totaling approximately 491.1 acres, should be reassigned from the MCWD to the LMRWD to ensure that the boundary more closely conforms to the hydrologic watershed divide between the two districts; and

WHEREAS, the parcels changing watersheds are listed on Exhibit A, attached to and incorporated into this Resolution; and

WHEREAS, the purpose of Minnesota Statutes Chapters 103B and 103D is to facilitate water resource management on a watershed basis, and that the legal boundaries of watershed management organizations should conform as closely as is practicable to hydrologic boundaries; and

WHEREAS, the parcels to be allocated to each district are contiguous to each, and the alteration of the legal boundary of each watershed to include the identified parcels will advance the purposes of Minnesota Statutes Chapters 103B and 103D; and

NOW, THEREFORE BE IT RESOLVED, the Lower Minnesota River Watershed District supports the submission of a petition to the Minnesota Board of Water and Soil Resources pursuant to Minnesota Statutes 103D to alter the boundaries between the LMRWD and MCWD.

The question on the adoption of the Resolution was seconded by Manager _____.
Upon a vote being taken there were ___ yeas and ___ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
AMUNDSON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BARISONZI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HARTMANN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KUPLIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SALVATO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Adopted by the Board of Managers of the Lower Minnesota River Watershed District this ____ day of _____, 2023.

Joseph Barisonzi, President

ATTEST:

Lauren Salvato, Secretary

I, Lauren Salvato, Secretary of the Lower Minnesota River Watershed District, do hereby certify that I have compared the above Resolution with the original thereof as the same appears of record and on file with the LMRWD and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this ____ day of _____ 20__.

Lauren Salvato, Secretary



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2023

Agenda Item

Item 5. B. – Water Resource Restoration Fund Program

Prepared By

Linda Loomis, Administrator

Summary

The LMRWD started the Water Resource Restoration Fund Program when the Comprehensive Watershed Management Plan was updated in 2018. The goal was to give the LMRWD flexibility to fund projects that may not have been included in the Plan implementation strategies, without going through a plan amendment process.

Opportunities for the LMRWD to assist municipalities implement projects that meet the goals of the LMRWD frequently arise and municipalities may not have been aware of certain projects at the time the LMRWD Plan was developed. Municipalities would ask the LMRWD to participate in the funding of these projects. Since the projects were not in the plan, funding for these projects was not included in the LMRWD budget. This made it difficult for the LMRWD to assist municipalities with these projects even though they met the goals of the LMRWD and were projects the LMRWD wanted to see completed.

Since the creation of the Water Resource Restoration Fund Program, the Board of Managers questioned how equitable this project was, how to determine which projects should be funded and how to make sure the best projects were being funded. Young Environmental Consulting Group has developed a grant application process for this program. Recommendations are attached for the Board of Managers to review. Once the Board approves the process, the LMRWD will share this program with all the cities during the upcoming annual check-in with the municipalities.

Attachments

Technical Memorandum – Water Resource Restoration Fund – Grant Application Process dated November 8, 2023

Recommended Action

Motion to approve Water Resource Restoration Fund Grant Application Process and authorize implementation.

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Erica Bock, Water Resources Scientist
Della Schall Young, PMP, CPESC, CTF, Principal Scientist

Date: November 8, 2023

Re: Water Resources Restoration Fund – Grant Application Process

The Water Resources Restoration Fund is a broad-based fund that implements Goals 2 and 3 of the Watershed Management Plan to protect, improve, and restore surface water and groundwater quality within the Lower Minnesota River Watershed District (LMRWD). Throughout the year, the LMRWD receives various requests from cities to solicit funding. Because the requests are received at different times, it is difficult to complete comparative assessments. To mitigate the issue and fund projects with the best return on public investment—and to improve the efficiency of evaluating proposed projects—Young Environmental has developed a Water Resources Restoration Fund (Fund) Application process for consideration.

The Fund application process incorporates three associated documents, all attached below. We recommend the following timeline: 1) Release the process in November following the Board meeting, 2) evaluate applications in February and March, and 3) provide Young Environmental’s recommendation to the Board in March or April 2024.

- **Attachment 1: Grant Information**, includes information that will be posted on the website regarding grant information and eligibility.
- **Attachment 2: Process Information**, includes information on the grant process and award information, which would be provided as a .pdf attachment on the website.
- **Attachment 3: Water Resources Restoration Fund Application**, which applicants will fill out to apply for funding.

Recommendation

Staff recommends consideration and approval of the Fund application process and supporting materials and subsequent distribution of the information to the local government units within the district.

Attachments

- Attachment 1—Grant Information
- Attachment 2—Process Information
- Attachment 3—Water Resources Restoration Fund Application



Lower Minnesota River Watershed District Water Resources Restoration Fund Application

Grant Program Information

The Lower Minnesota River Watershed District (LMRWD) aims to work cooperatively with local government units (LGUs) on issues affecting LMRWD resources and share costs on projects that protect or enhance these resources.

The Water Resources Restoration Fund is a program that funds projects sponsored by LGUs that:

- reduce urban nonpoint source pollution;
- improve and protect groundwater quality; and
- promote surveys and studies of wetland (particularly calcareous fen) health and management

The LMRWD aims to undertake projects jointly with LGUs and will place higher priority on funding projects that are identified in the LMRWD Watershed Management Plan (WMP) and in LGU implementation plans (e.g., comprehensive plans or surface water management plans).

Projects for consideration are those that benefit river navigation, protect high value resource areas¹ and steep slopes², address erosion and sediment control, grant public access, and promote public enjoyment of resources within the LMRWD. Projects should also have a quantifiable benefit (i.e.: pollutant reduction, stormwater volume reduction, water quality improvement, stream habitat assessments, bank stability indexes, etc.). Targeted projects to receive funding are those that align with the LMRWD goals and strategies as mentioned in the LMRWD WMP.

The LMRWD has up to **\$100,000 per fiscal year** as part of the **Water Resources Restoration Fund** as outlined in the LMRWD WMP Implementation Program Budget. Funds are awarded up to **25% of a project's cost** on a reimbursement basis for project implementation. The LMRWD will award up to 25% of the lesser of the engineer's cost estimate or bided construction cost the project. Funds can be used for project materials, labor, engineering, or consulting fees.

Eligibility:

- Project must be in the LMRWD (see [LMRWD Map](#)).
- Project must be sponsored by an LGU.
- Projects must meet or exceed minimum regulatory requirements.
- Projects must obtain all applicable federal, state, and local permits.
- Funding will not be awarded for projects to meet existing regulatory requirements. Funding may be awarded for the implementation of best management practices (BMPs) that will provide water resource benefits beyond permit requirements.

¹ High value resource areas (HVRA) are a portion of land (or watershed) that contributes direct surface runoff to a trout water and/or calcareous fen within the LMRWD.

² Steep slopes are a natural topographic feature that have an average slope of 18% or greater measured over a horizontal distance of 25 feet or more.

The following examples are eligible projects that meet the LMRWD goals; however, this list is not comprehensive.

Reduce Urban nonpoint pollution:

- Gully (ravine) stabilization projects
- Streambank stabilization projects
- Reducing discharge over the steep slopes overlay district (SSOD)
- Stormwater management to reduce pollutants such as total phosphorus and total suspended solids
- Ecological restoration projects
- Stormwater capture and reuse projects
- Shoreline restoration projects

Improve Groundwater quality:

- Chloride management and reduction projects
- Projects promoting groundwater recharge
- Projects improving water quality and increase the capacity of the soils to store or infiltrate water

Promote surveys and studies of wetland health and management:

- High value resource management plans or studies (trout stream, calcareous fens, steep slopes)
- Wetland habitat projects that preserve, protect, and restore native plant and wildlife habits
- Resource monitoring of groundwater levels or water quality
- Educational campaigns promoting high value resource management and awareness
- Vegetation management studies to reintroduce native plants, control invasive plant species, and improve wildlife habit

Application Information

Deadlines:

Submit a complete application and all required information by Thursday, February 29, 2024.

Application Status:

The LMRWD will provide the following email notifications to grant applicants updating them on their grant application status during the review process:

1. Acknowledgement of receipt of application email (within 2 business days of application submittal)
2. Proposed funding recommendation email (15 business days before the LMRWD Board Meeting where recommended projects will be considered)
3. Approved recommendation/next steps email (within 2 business days after approval at LMRWD Board Meeting)



Lower Minnesota River Watershed District Water Resources Restoration Fund Application

Process

The LMRWD has up to \$100,000 per fiscal year as part of the Water Resources Restoration Fund as outlined in the LMRWD Water Management Plan Implementation Program Budget. Funds are awarded up to 25% of a project’s cost on a reimbursement basis for project implementation. Funds can be used for project materials, labor, engineering, and consulting fees. If the applicant wishes to use the grant funds for project construction, the LMRWD will award up to 25% of the lesser of the engineer’s cost estimate or bided construction cost of the project.

This is a summary of the review process for Water Restoration Fund applications:

1. Submitted applications are reviewed for completeness and eligibility.
2. Eligible/complete applications are reviewed by staff according to criteria and scoring metrics in Table 1. Staff will reach out requesting additional information or schedule meetings, as needed.
3. Staff notifies applicants whether their projects will be considered by the LMRWD Board of Managers for funding.
4. Staff provides a funding recommendation to the LMRWD Board of Managers in accordance with Table 2.
5. The LMRWD Board of Managers votes to approve or deny the funding recommendations. The LMRWD Board of Managers meets on the third Wednesday of each month. It is recommended that applicants attend the Board Meeting to answer Board Member questions about their project.
6. If a funding request is approved, the LMRWD and the LGU will execute a grant agreement.
7. After agreement has been signed by both parties, LMRWD will provide funding on a reimbursement basis when receipts and summaries are submitted, up to 25% of the total project cost (lesser of the engineer’s cost estimate or bided construction cost). The LMRWD will not reimburse funds that exceed the grant agreement amount. No invoices of work completed prior to an executed grant agreement may be submitted to the LMRWD for reimbursement.
8. The LMRWD will hold 10% of the funds until the project is successfully completed and a final report is submitted.

Table 1. Application Evaluation Scoring Metrics and Criteria

Scoring Metric	Definition	Max Points
1. Project Type	The Project Type Score considers whether a proposed project is a tributary to an impaired waterway, if it solves an issue previously identified by the community or LMRWD plans, and whether the project is explicitly included in the LGU or LMRWD plans.	24
2. Plan Goals Addressed	The Plan Goals Addressed Score gives credit depending on how well-aligned a proposed project is with the goals of the LMRWD Watershed Management Plan (Section 3.0). Projects are assigned a score of 0-9 based on how many of the LMRWD goals are addressed.	9
3. Stormwater Volume Control	The Stormwater Volume Control Score gives credit to projects that exceed the standards for stormwater runoff volume management. Projects are assigned a score of 0-7 based on the amount of volume reduction that the proposed project provides.	7

Scoring Metric	Definition	Max Points
4. Pollutant Management	The Pollutant Management Score gives credit to projects that exceed the amount of water quality treatment provided beyond what is required for regulatory purposes. Projects without a pollutant reduction component (beyond regulatory requirements) will receive a score of 0, whereas those reducing pollutant loading beyond regulatory requirements to downstream resources can receive a score of up to 7.	7
5. Habitat Restoration	The Habitat Restoration Score gives credit to projects that provide habitat benefits. Projects with no habitat benefit receive a score of 0. Projects that include habitat creation or enhancement as the primary purpose of the project receive a score of up to 7.	7
6. Streambank Stabilization	The Streambank Stabilization Score gives credit to projects that restore or stabilize degraded streambanks or shorelines. A project is assigned a bank stabilization score based on the length of the stream bank or shoreline restored or stabilized and the level of existing degradation. This metric is only applied to projects with a designed restoration component (versus indirect benefits). Projects without a designed streambank or shoreline restoration component are assigned a score of 0. Projects that stabilize more than 100 feet of streambank or shoreline restoration receive a score of up to 7.	7
7. Watershed Benefits	The Watershed Benefits Score gives credit to projects that provide benefits beyond the immediate site location. Scores are based on where the proposed project is located within the watershed, giving greater weight to those in the upstream reaches of the watershed.	7
8. Partnership Opportunities	The Partnership Opportunity Score gives credit to projects that allow the LMRWD to partner with other organizations. The LMRWD is interested in being a project partner with its member communities. A project receives the maximum score of 7 if one or more of the partners (including the applicant) is a financial contributor to the project.	7
9. Public Education	The Public Education Score gives credit to projects that spread awareness of the LMRWD's projects and their benefits to the public. The score is based on the accessibility of the final project, giving the greatest weight to those on public lands with public access and ability to spread public awareness and education.	7
Total Score		82

Table 2. LMRWD Funding Request Scoring Priority

Project Score	Priority	Recommended Action
0–19	Low	Do not recommend funding requests at this time; additional information may be needed to evaluate the potential project more fully.
20–40	Low-to-Moderate	Work with applicants to incorporate more LMRWD goals, policies, or strategies.
41–61	Moderate-to-High	Consider partial funding requests, with funding amount and design components that align with LMRWD priorities.
62–82	High	Recommend up to 25% of the funding request as presented.

Award Information

Grant Award

Applicants will be notified of the proposed recommendation via email 15 business days before the LMRWD Board meeting where funding recommendations will be presented. After the LMRWD Board meeting, the applicant will be notified of an approved or denied funding request. If a project is approved, the applicant will then enter into a grant agreement with the LMRWD. No invoices for work completed prior to an executed agreement may be submitted to the LMRWD for reimbursement.

Executing Grant and Maintenance Agreement

Each applicant selected is required to enter into a grant agreement with the LMRWD defining the obligations of the applicant and the LMRWD. Any amendment to the terms of the agreement will be through a mutual written agreement signed by all parties to update the original document.

The agreement includes, but is not limited to, items such as promoting and acknowledging LMRWD sponsorship, reporting, payment schedule, terms of the agreement and use of funds, cost overruns, and cancellation. The agreement also allows the LMRWD access to the project area for evaluation and promotion of the project.

Payments

Payments from the LMRWD to the grantee are reimbursement-based and require receipts or paid invoices as well as a summary of the work completed as part of the receipt/invoice. LMRWD can reimburse funds throughout the project as requested by the grantee, up to the final grant amount, as agreed upon in the grant agreement. The LMRWD will hold 10% of the funds until the project is successfully completed, and a final summary report is submitted and approved. If the grant money is being used for construction of a project, the LMRWD reserves the right to access the project area for inspection before releasing funds.

Grant Reporting Requirements

Grant Monitoring

The LMRWD will require a site visit (or virtual meeting if it is a program or study) during the project. The site visit will document project status and is intended to ensure that work is performed as part of the grant agreement.

Summary Reports

A narrative providing a summary of the work completed with each invoice is required. The summary may include work completed as part of the receipt/invoice, construction updates, photos, and project timelines.

Final Summary Report

Within 30 days after project completion, a final summary report must be submitted with receipts or paid invoices before final reimbursement can be dispersed. Grantees will be required to include original receipts of the expenses, and digital photos of project components. Additionally, electronic copies of all education materials produced shall be provided to the LMRWD when applicable.



Lower Minnesota River Watershed District (LMRWD) Water Resources Restoration Fund Application

Fill out the project application. The following information is required for all projects.

Project Information	
Project Name:	
Address/Cross Streets:	
Property Owner Name:	
City:	
County:	
Project Contact Name:	
Project Contact Phone:	
Project Contact Email:	
Land Access:	<input type="checkbox"/> Private Access Only <input type="checkbox"/> Partially Private Access <input type="checkbox"/> Partially Public Access <input type="checkbox"/> Public Access
Describe Access Location:	
Attach access map showing:	
<ul style="list-style-type: none"> • Public versus private land • Limits of disturbance • Property lines and property ownership • Right-of-way (ROW) and access information 	
Attach project map showing:	
<ul style="list-style-type: none"> • Project location • Project features • Watershed boundary (if applicable) • Waterbodies to which the project drains • Calcareous fens (if applicable) • Trout streams (if applicable) • Minnesota Pollution Control Agency (MPCA) Impaired Waters (if applicable) 	
List Project Partners:	

What is the proposed project schedule? (Estimated schedule is acceptable. Please indicate the finality of the schedule. For construction projects, at a minimum, provide the estimated bid opening date, construction start date, and length of anticipated construction.) Describe factors that may affect your anticipated schedule, if any.

Provide a project narrative informing the LMRWD how the project addresses similar goals of the LMRWD Watershed Management Plan ([Watershed Management Plan, Section 3: Goals, Policies, and Strategies](#)). Address how the project meets of the goals of the local governmental unit's (LGU) surface water management plan. Describe the goals, need, size, and quantifiable benefits of the project. Project narratives should include a summary of existing and proposed conditions. Reference attachments as necessary.

Funding	
Funding Amount Request from LMRWD (up to 25% of total cost):	\$ _____
Matching Funds from applicant and additional partners	Applicant Contribution \$ _____
	\$ _____
	\$ _____
	\$ _____
Total Project Cost (attach engineer's cost estimate if project has not yet been bid or fee estimate if your project is not a construction project)	\$ _____
Attach cost/fee estimate or bidded construction cost	
Is the project in the LMRWD Watershed Management Plan Capital Improvement Projects Section (pg. 188/259 of the Watershed Management Plan)?	<input type="checkbox"/> Yes (If Yes, what is the name of the project as identified in the Plan?): _____ <input type="checkbox"/> No
Is the project included in the LGU Local Comprehensive Plan or LGU Surface Water Management Plan (SWMP)?	<input type="checkbox"/> Local Comprehensive Plan Location (Section and Page No.): _____ <input type="checkbox"/> SWMP Location (Section and Page No.): _____
What waterbody(s) does your project drain to?	Name(s): _____
Are any of these waterbodies an MPCA listed impaired water, designated trout stream, calcareous fen, or Minnesota Department of Natural Resources (DNR)-Protected wetland? Minnesota Impaired Waters List	<input type="checkbox"/> Yes (If Yes, Name/s): _____ <input type="checkbox"/> No
What issues does the project address within the LGU Local Comprehensive Plan or SWMP?	

Please fill out the rest of the application form as it applies to your project.

The following sections may not apply to all projects.

If a section does not apply, please select not applicable (N/A).

Stormwater Volume Control	
Does your project propose any volume control or reduction of stormwater runoff?	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
If yes , what is the estimated total volume reduction? (Ensure your project narrative describes method of stormwater volume control)	

Pollutant Management	
Does your project propose pollutant management to prevent impairment or protect downstream resources?	<input type="checkbox"/> Yes <input type="checkbox"/> N/A
Is the downstream resource impaired for any pollutants? Minnesota's Impaired Waters List	<input type="checkbox"/> Yes (If yes, list the impairments): <hr/> <input type="checkbox"/> No
What are the pollutants targeted and their percent reduction because of the project? (Ensure that your project narrative describes the method of pollutant management)	Pollutant
	Percent Reduction

Brief Description of Habitat Restoration Benefits
<p>Please provide a brief description (500 words or less) about how the proposed project provides habitat benefit (i.e. increase in native plantings, removing dams, aquatic connectivity, riparian restoration, wetland restoration, forest management). If project is in a stream or river, please provide the MPCA Stream Habitat Assessment (MSHA) score (or other stream habitat assessment), documentation, and photos (if applicable).</p>

Streambank Stabilization	
Is there a designed streambank restoration component of the project?	<input type="checkbox"/> Yes If Yes, what is the proposed length to be stabilized: _____ <input type="checkbox"/> N/A
Has the current bank stability been evaluated? (i.e. Bank Erosion Hazard Index, MPCA Channel Condition and Stability Index, Minnesota Department of Transportation (MnDOT) Hydlnfra, etc.) Please attach supporting documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is the current streambank stability? Please attach supporting documentation and photos.	<input type="checkbox"/> Very Stable <input type="checkbox"/> Stable <input type="checkbox"/> Moderately Unstable <input type="checkbox"/> Unstable
Permitting	
Does the project trigger any LMRWD Rules (if applicable)?	<input type="checkbox"/> Rule B: Erosion and Sediment Control <input type="checkbox"/> Rule C: Floodplain and Drainage Alteration <input type="checkbox"/> Rule D: Stormwater Management: <input type="checkbox"/> Rule F: Steep Slopes <input type="checkbox"/> N/A
If the project triggers LMRWD Rules, summarize how the project intends to comply with the Rules (i.e. stormwater management).	
Provide documentation of additional permitting requirements from regulatory agencies (e.g., Minnesota DNR, MPCA, and/or additional city permits). Identify which permits are required and provide their status (in-progress, obtained, etc.) Before funds are dispersed, copies of approved permits will be required; however, approval is not required for application eligibility.	
Permit	Status

Construction Plans

Attach Construction Plan Sheets
(if applicable)



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2024

Agenda Item

Item 5. C. – Set 2024 Meeting Schedule

Prepared By

Linda Loomis, Administrator

Summary

Every year the Board of Managers sets its meeting schedule for the following year. In addition, the Board should consider setting a date for

Dates for regular meetings in 2024 are:

- Wednesday, January 17, 2024
- Wednesday, February 21, 2024
- Wednesday, March 20, 2024
- Wednesday, April 17, 2024
- Wednesday, May 15, 2024
- Wednesday, June 19, 2024
- Wednesday, July 17, 2024
- Wednesday, August 21, 2024
- Wednesday, September 18, 2024
- Wednesday, October 16, 2024
- Wednesday, November 20, 2024
- Wednesday December 18, 2024

Managers should check their schedules to see if there are any known conflicts that preclude them from being able to attend a meeting either in person or remotely. In addition, the 2024 work plans called for a board workshop in early 2024 to gain the Board's input and set direction for messaging and priorities for the year. Young Environmental Consulting Group will facilitate a discussion to inform Education & Outreach program task for 2024 which will include the Citizen Advisory Committee (CAC), social media activities, signage development, school engagement efforts and community outreach and engagement activities. Young Environmental would like to get this meeting on the calendar so that planning for the meeting can begin. The 2024 Public Education and Outreach Plan is attached for the Board's review.

Lastly, adjacent watershed districts, Nine Mile Creek WD, and Riley, Purgatory, Bluff Creek WD, have met to plan an education event for local elected officials. It has not yet been determined whether this will be a workshop on the water or some other type of activity. The LMRWD has not hosted a tour of the River since 2019, before COVID. The 2019 tour partners were the Burnsville and Savage Chambers of Commerce.

Attachments

2024 Public Education and Outreach Plan

Recommended Action

Determine meeting dates and motion to set 2024 meeting schedule as determined

LOWER MINNESOTA RIVER WATERSHED DISTRICT

2024 Public Education and Outreach Plan

Work Plan—September 1, 2023

Young Environmental continues to administer the Lower Minnesota River Watershed District's (LMRWD's) public education and outreach program. The tasks below fulfill Goal 9 in the Watershed Management Plan: Public Education and Outreach, which functions to increase public participation and awareness of the Minnesota River and its unique natural resources.

Summary

<i>Outcome:</i>	2024 Public Education and Outreach Plan
<i>Project Partners:</i>	City Partners, Residents, and Businesses of the LMRWD; US Fish And Wildlife Service; And Nongovernmental Organizations (NGOs); Public and Private Schools
<i>Timeline for Completion:</i>	January 2024–December 2024
<i>Total Fees:</i>	\$70,000
<i>Total Expenses:</i>	\$5,000
<i>Total Project Budget:</i>	\$75,000

Objective 1. Project Management and Board of Managers Coordination

Task 1.1: Project plan development and project management. Finalize the work plan, assign project tasks, determine whether additional resources are needed, set dates for deliverables, generate and maintain project schedule, and perform monthly invoicing.

Task 1.2 Board Workshop. To begin 2024 Education and Outreach in alignment with LMRWD priorities, our team will lead a Board Workshop in early 2024 to gain input and inform the direction of messaging and priorities for the year. Young Environmental will lead a workshop to discuss Education and Outreach priorities for 2024. We will facilitate a conversation to understand the 2024 goals and determine how to align the various program components to reach the intended audience and share key messages.

Task 1.3. Quarterly Updates. Young Environmental will provide quarterly updates on Education and Outreach program tasks and deliverables to keep the Board of Managers informed on progress, evolving needs, and lessons learned from the community.

Timeline for Completion: January 2024–December 2024

Deliverables: Board of Managers Kick-Off Workshop and Quarterly Updates

Estimated Budget: \$5,000

Objective 2. Citizen Advisory Committee (CAC)

Young Environmental supports the CAC by preparing meeting agendas and minutes, securing educational presentations, tours, and learning opportunities, creating educational materials, coordinating attendance at local events, and increasing membership. In 2023, three new CAC members joined the committee. To boost this membership, targeted recruitment materials were sent to 15 partner cities and counties to be used as handouts, posting in facilities, inclusion in newsletters and/or on social media platforms. Recruitment postings were also shared quarterly on the LMRWD social media platforms. Eight meetings have been held so far this year with topics and tours ranging from the fish of the Minnesota River to wastewater treatment. CAC members have also been invited to additional learning opportunities such as salt reduction and best practices for pollinators. In 2024, Young Environmental hopes to continue the momentum with the CAC through the following tasks.

Task 2.1: Maintain a CAC of five members or more and focus on retaining existing members. Young Environmental will continue to search for CAC members using the LMRWD website and social media as well as through outreach at local tabling events. Current CAC members, municipal partners, and other groups within the LMRWD will also be asked to assist in reaching interested members of the community. Retaining our existing CAC membership is important so recognition of their impact and regular thanks will be incorporated. Young Environmental will continue to suggest and facilitate opportunities for unique and engaging educational experiences for CAC members to participate in on their own time to further their learning of water and natural resources.

Task 2.2: Plan and facilitate CAC meetings. Young Environmental will develop monthly meeting agendas with input from the LMRWD and the CAC. As part of agenda development, Young Environmental may also organize speakers and visits to projects and high-value resource sites.

Task 2.3: Monitor and assist the CAC. Young Environmental will draft a meeting summary or notes with the secretary, provide technical information, and support and host the virtual and/or in-person meetings.

Task 2.4: Develop educational materials as directed by the CAC. Over the course of the year, the CAC may need to have materials developed to convey the work of the LMRWD or to address recurring questions it has encountered. Young Environmental will draft up to four educational items in cooperation with the CAC and LMRWD Administrator.

Deliverables: CAC membership roster, list of education opportunities attended, meeting agendas, summaries, and CAC-guided educational materials

Estimated Budget: \$15,000

Objective 3. Social Media

We understand that it can be difficult to measure return on investment with social media efforts. We have provided an attachment with summarized 2023 analytics to date where we compare LMRWD metrics with neighboring watershed districts and provide context to understand the progress we've made and future adjustments needed. From this data, we do fall behind our neighbors in terms of followers; however, the number of "likes" is very comparable and do have a wide reach (a reach an estimated number of people who saw any content from your page or about your page). There has also been a 26% increase in our Instagram reach since last year. We have not seen an increase in Facebook or Twitter so far in 2023, but still feel that social media is the best way to let people know about the LMRWD even though the complexity of measuring the influence of social media exists.

Example: Twitter post to the left. While it received only one "like" by the NRCS_Minnesota but it has received 19 views in under 24 hours. It has three links. One to University of Minnesota-Extension, one to the LMRWD resident webpage, and one to the LMRWD rain garden and native plant handout. This drives people to our site regardless of how many followers we have or how many likes it gets.

Through our analytics, we have identified topics that perform well: salt, yard care, the CAC, and stormwater seem to be the topics most viewed across all platforms. In 2024, Young Environmental hopes to continue social media with the modifications to the program as noted below.

To maximize the proposed budget, we will make adjustments to focus energy on Instagram (which is performing well), grow our followers through partnership posts with neighboring collaborators and through our own internal network (CAC), and create targeted content pillars that align with our audiences' proven interests.

Task 3.1: Maintain social media sites. LMRWD Facebook, Instagram, and Twitter accounts were established in 2021. Young Environmental will continue to create quarterly content calendars and post content. Content will be based on trends noted with high engagement. Young Environmental will continue to gather and take photos of LMRWD resources/projects and perform weekly monitoring of all sites for partner content, follower comments, and analytic tracking. Because Instagram is performing well, we will focus on creating content that works well on this platform, including "how-to" conservation videos provided by CAC members.

Task 3.2: Enhance social media messaging. Young Environmental suggests adjustments to grow the social media audience and target unique users by enriching our social media messaging. In addition to best practice content, social media posts will include more posts about what makes the LMRWD special and its unique resources. Targeted campaigns may include personal connections to the Minnesota River,



recreation, and LMRWD project highlights. We will share knowledge and foster a sense of pride and ownership in the community and talk about the work LMRWD has done to protect resources through work on specific projects.

Task 3.3: Grow social media following. To continue intentionally growing the social media audience, we will explore partnerships for joint content with local organizations, tapping into existing networks. We will also research active neighborhood associations or conservation groups on Facebook who may have shared interests and invite them to follow our accounts. We will create signage for tabling events with links to the LMRWD website and an invitation to follow our social media accounts.

Deliverables: Quarterly content calendar, weekly posting to social media accounts, monitoring and maintenance of accounts, and image gathering, and design creation

Estimated Budget: \$10,000

Objective 4. LMRWD Signage

Young Environmental continued work on interpretive signs near high-value resource areas and at LMRWD project sites in 2023. Design is complete for Courthouse Lake (shown below) and a similar sign is currently being drafted for Quarry Lake. These signs will be fabricated over the fall and winter months for spring 2024 installation. Other sign projects that are progressing include conversations with the City of Burnsville for interpretive signs at the Rudy Kraemer Nature Preserve, interpretive and resource protection signs for Ike’s Creek in partnership with the City of Bloomington and the Minnesota Valley National Wildlife Refuge, and a co-branded creek crossing sign for Riley Creek in cooperation

COURTHOUSE LAKE

About Courthouse Lake
 Courthouse Lake sits in what was one of three open-pit clay mines in the City of Chaska, located within the Lower Minnesota River Watershed.
 During the late 1800s and early 1900s, the brick-making industry excavated cream-colored clay here. The unique, yellow-colored bricks were used in many buildings.
 With the clay removed, high-quality groundwater filled the mine and created a lake with cold and well-oxygenated water. These conditions are ideal for stream trout, leading the Minnesota Department of Natural Resources to take interest in it as a "put-and-take" fishery. The stream trout do not reproduce in lakes so annual stocking is required to maintain the fishery.
 Other recreation at the lake includes a 0.7-mile path around the lake that meanders through areas of restored native plants. Native plants do well in the soils and climate of their original location. They typically need less water and pesticides, and their deep roots infiltrate water, maintain healthy soils, and reduce soil erosion. Sections of the lawn around Courthouse Lake were restored to native plants, increasing the pollinator corridor along the Minnesota River and reducing polluted runoff from entering Courthouse Lake.

Lake Specs
 SIZE: 12 acres
 DEPTH: 57 feet

Q: WHAT ARE POLLINATORS?
 Pollinators are bees, wasps, butterflies, moths, birds, bats, beetles, flies, and other insects that travel among flowering plants to help produce many of the fruits, vegetables, and nuts we eat.
FACT Pollinators are responsible for one out of every three bites of food you eat!

WHAT CAN YOU DO? Help keep this lake clean & cool
KEEP STORM DRAINS CLEAN: Pick up pet waste and keep storm drains clear of litter, leaves, grass clippings, and other debris. Water from rain and snowmelt washes off lawns and enters drains on your street. This water is not treated before it enters the lake.
USE SIDEWALK SALT MINIMALLY: Shovel snow early and often so deicers are not needed. One teaspoon of salt permanently pollutes five gallons of water and harms freshwater systems, including the trout that are susceptible to changes in chloride.
REDIRECT YOUR DOWNSPOUT: Angle downspouts toward your lawns or gardens. This will help filter and cool rain and snowmelt before it enters the groundwater that supplies Courthouse Lake.

Create pollinator habitats
REDUCE PESTICIDE USE: Broad-spectrum insecticides used to kill unwanted pests often eliminate or harm a wide range of non-targeted insects as well. Be selective and reduce reliance on pesticides.
INCORPORATE NATIVE PLANTS INTO YOUR YARD: Attract bees, butterflies, and birds to your garden with native plants that provide color to your landscape and food and shelter for pollinators.
INSTALL A BAT OR NATIVE BEE HOUSE: Now that you have pollinators coming to your yard and garden, why not give them a place to call home?

Q: WHAT ARE NATIVE PLANTS?
 Native plants are the type of flowers and vegetation that grow naturally in a particular area without human interaction. These types of plants are the indigenous species that have evolved and occur naturally in an ecosystem and habitat.

Q: WHAT IS A "PUT-AND-TAKE" FISHERY?
 A put-and-take fishery means that hatchery-raised fish are stocked for fishing. Put-and-take management typically does not create a self-sustaining population of trout because few of the stocked fish reproduce.

Logos for Carver County, City of Chaska, and Lower Minnesota River Watershed District.

with the Riley Purgatory Bluff Creek Watershed District. Young Environmental also continues

communication with Dakota County Parks for potential signage opportunities along the Minnesota River Greenway/Big Rivers Regional Trail. Young Environmental hopes to keep this successful program moving in 2024 through the following tasks.

Task 4.1: Interpretive signage. Young Environmental will continue to identify sites for LMRWD project and LMRWD resource signage and will make recommendations for proposed interpretive sign locations. Young Environmental will continue to work with local partners on locations and messaging and with the current signage contractor for design and fabrication. The Board of Managers will receive estimates for the cost of up to five signs annually.

Task 4.2: Resource identification and protection signs: In 2023, Young Environmental designed in-house graphics for Riley Creek crossing sign and Ike's Creek clean water starts here sign. In 2024, Young Environmental will continue to investigate opportunities for in-house sign graphic design for small-scale resource signs.

Deliverables: Recommendations for LMRWD sign locations, design, and fabrication cost coordination

Estimated Budget: \$10,000 (design and fabrication costs not included)

Objective 5. Schools Engagement

Young Environmental continued outreach to local schools. As part of this outreach, programming coordination with the Dakota County Soil and Water Conservation District (SWCD), the City of Burnsville, and Burnsville High School resulted in a request for proposal (RFP) for a consultant to develop in class curriculum and a field component for 9th grade science classes. The curriculum will be centered on water chemistry and testing. The RFP went out to consultants in May and this fall Bolton & Menk will deliver programming to three applied biology classes at the high school. This program may be replicable for other schools in LMRWD. The second round of the Educator Mini-Grant Program was also released in early 2023. Direct emails were sent to over 600 educators and organizations by Young Environmental about this program. The announcement was also shared on social media and city and county partners. Unfortunately, there were no applicants. For the 2023-24 school year direct mailing with information and a promotional handout went out to 106 schools in all partner cities in May before the end of the school year with hopes that more advance notice might increase applications. This fall an email blast and social media posts will be used to solicit applicants. With any new program, we understand the difficulty in start-up. In conversations with neighboring watershed districts, we understand these programs often take a year or so to gain interest and participants. We hope that in this round of educator grants, our second year of the program, we see increased interest. If necessary, Young Environmental will reevaluate engagement methods before proceeding with the winter/spring round of funding.

Task 5.1: Partnerships. Young Environmental will continue to explore educational opportunities for students within our partner cities to grow and expand our relationship with schools. Young Environmental will develop education plans for interested partners for the 2023–24 academic year. With any successful partnership, we will make sure to share the story on the website and social channels.

Task 5.2: Grant program. In 2022, Young Environmental developed the Educator Mini-Grant Program, providing schools, non-profits, educators, and students with funding opportunities. As part of this program, Young Environmental will assist in evaluating proposals, awarding grants, and compiling reports and reimbursement requests.

Deliverables: Relationship-building with partners, education plans, mini-grant outreach and promotion, and website updates

Estimated Budget: \$15,000

Objective 6. Community Outreach and Engagement

Young Environmental continued outreach to local organizations and participated in conversations to reach the community with water quality and natural resource messaging. As part of that, Young Environmental participated in a workgroup made up of stakeholders from Hennepin County to discuss and share ideas for a portable aquatic invasive species (AIS) hands-on display. This display would be available for all partners to bring to local events throughout the county and would promote best practices when dealing with AIS. Young Environmental also developed a low-maintenance landscapes handout to bring to local events and for sharing on the LMRWD website. This handout encourages residents to adopt less intense lawn care practices for water conservation and pollinator habitat. In 2023, Young Environmental coordinated several tabling events for CAC members to provide outreach to the community. This is the first year the LMRWD has attended farmers markets. Young Environmental staff assisted at several of these events:

- Everything Spring Expo: Eden Prairie
- Arbor Day Walk & Green Fair: Eden Prairie
- Burnsville Native Plant Market
- Eagan Market Fest
- Chaska Farmers Market
- Bloomington Farmers Market
- Buzz Fest: Bloomington



These events provided one-on-one interaction with residents in several LMRWD communities. Informational handouts on cost-share and clean water practices were handed out and personal connections were made. Young Environmental looks forward to continuing this outreach in 2024.

Task 6.1: Partnership. Young Environmental will continue to evaluate existing and established education and/or sustainability program partnerships with local cities, counties, nonprofits, and NGOs in 2024.

Task 6.2: Local events. In 2022, Young Environmental developed criteria to help determine participation in events and programming and the CAC a list of potential events and programs based on these criteria. In 2024, Young Environmental and the CAC will revisit criteria and list of existing events to assess effectiveness and adjust if necessary. Young Environmental will coordinate participation in events and programs as directed and will support the CAC in the events that meet those criteria. We believe local events are a way to also grow our audience and community and solicit input from the public. These events will also help us grow our audience on social media by providing an accessible follow-up.

Task 6.3: Tabling materials. Young Environmental developed several handouts that may be brought to community tabling events. Based on guidance from the CAC, Young Environmental will continue to develop additional handouts and/or other materials and investigate the purchase of interactive displays and present cost findings to the board.

Deliverables: Event criteria, list of events, local event participation, handout development, and interactive display memorandum

Estimated Budget: \$15,000

Meeting Goals of the LMRWD Watershed Management Plan

The Watershed Management Plan informs the day-to-day work of the LMRWD. Below, we have included the goals and strategies identified for the Education and Outreach program. These strategies have informed all the proposed objectives and will drive our ongoing work in this area.

Issues	Goals	Strategies
Issue 8: Public Education and Outreach	Goal 9: Public Education and Outreach: To increase public participation and awareness of the Minnesota River and its unique natural resources	Strategy 1.2.1: Provide public information services Strategy 4.2.3: Provide educational opportunities Strategy 8.1.1: Promote safety education Strategy 9.1.1: Maintain Citizen Advisory Committee Strategy 9.1.2: Develop an outreach program Strategy 9.1.3: Engage volunteers Strategy 9.1.4: Provide opportunity for public input Strategy 9.2.1: Produce scientific studies and work products Strategy 9.2.2: Promote a variety of education programs Strategy 9.2.3: Use multiple outlets to distribute information

Facebook

112 followers | 83 pages like our page

- Facebook reach decreased 20.5% in 2023 from 2022.
 - 2023 - January 1, 2023 - August 28, 2023
 - 2022 - January 1, 2022 - December 31, 2023

Reach: the number of people who saw any content from your Page or about your Page. This metric is estimated.

Best Performing Facebook Post of 2023

Join the CAC	229 - reach	1 - link click	1 - share	June 14, 2023
<p>Do you care about the Minnesota River, lakes, streams, wetlands, and groundwater in your community? Do you wonder how you might help protect and restore them? The LMRWD is seeking interested residents, just like you, to join its Citizen Advisory Committee (CAC). The CAC is a volunteer advisory group appointed annually by the District's Board of Managers. You do not need to be an expert to apply. All you need is an interest and concern for our shared water and natural resources. Applications can be found here: bit.ly/LMRWDCAC.</p> <p>Lower Minnesota River Watershed District</p>				

With Facebook we are:

- **Reaching** people with Salt, Volunteering (CAC), Educator Grants, District Learning
- People are **clicking** on **links** to Recreation, CAC, Yard Care
- People are **sharing** content about People, CAC, Yard Care, Stormwater

Comparing Facebook with our neighbors.

Watershed District	Number of Facebook Followers	Number of Last 5 Post Likes	District Size
Lower Minnesota	112	1, 1, 2, 3, 2	80 square miles
Nine Mile	922	1, 0, 4, 2, 17 (+1 share) - tag with 3 Rivers Park District	50 square miles
Riley Purgatory Bluff Creek	427	1, 2, 2, 3, 2	50 square miles

Instagram

250 followers

- Instagram reach increased 26.2% in 2023 from 2022.
 - 2023 - January 1, 2023 - August 28, 2023
 - 2022 - January 1, 2022 - December 31, 2023

Reach: the number of people who saw any content from your Page or about your Page. This metric is estimated.

Best Performing Instagram Post of 2023

Order a rain barrel	102 - reach	14 - likes	6 - share	March 1, 2023
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With Instagram we are:

- **Reaching** people with Yard Care, Stormwater, Volunteering (CAC), Recreation
- People are **liking** content about Yard Care, Stormwater
- People are **sharing** content about Yard Care, Stormwater

Comparing Instagram with our neighbors.

Watershed District	Number of Instagram Followers	Number of Last 5 Post Likes	District Size
Lower Minnesota	250	3, 9, 2, 2, 4	80 square miles
Nine Mile	1,057	1, 0, 5, 23 (tag with 3 Rivers), 9	50 square miles
Riley Purgatory Bluff Creek	467	9, 12, 22, 17, 26 *use videos/questions	50 square miles

Twitter

92 followers

- Twitter impressions decreased 12% in 2023 from 2022
 - 2023 - January 1, 2023 - August 28, 2023
 - 2022 - January 1, 2022 - December 31, 2023

Impressions: how many total times a Tweet has been seen.

Best Performing Tweet of 2023

Lawn care	824 - impressions	2 -likes	1 - retweet	3 - user profile clicks	4 - detail expands
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User profile click: how many times a user clicked on your username leading them to your Twitter page.

Detail expand: how many times a user clicks on the Tweet to view more details.



With Twitter we are:

- Making an **impression** with Yard Care, Recreation, Salt, Stormwater
- People are **liking** content about Salt, Stormwater, Yard Care
- People are **liking** content about Salt, Stormwater, Yard Care

Comparing Twitter with our neighbors.

Watershed District	Number of Twitter Followers	Number of Last 5 Post Likes	District Size
Lower Minnesota	92	0, 1, 1 (with retweet), 1, 0	80 square miles
Nine Mile	116	0, 1, 0, 2, 1	50 square miles
Riley Purgatory Bluff Creek	246	1, 2, 1, 1 (with retweet), 1	50 square miles



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. A. – 2021/2022 Financial Audit

Prepared By

Linda Loomis, Administrator

Summary

A draft of the 2021 Audit is complete and under internal review at Redpath. The LMRWD is currently awaiting to hear whether there are follow-up questions.

Attachments

No attachments

Recommended Action

No action recommended – for information only



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. B. – Lower Minnesota River Easy One Watershed One Plan

Prepared By

Linda Loomis, Administrator

Summary

A draft of the plan was issued to partners for comment. Comments from the Advisory committee were due to ISG, November 10th. The meeting of the Advisory Committee scheduled for November 15, 2023 has been cancelled. The Steering Committee will meet November 10, 2023, at 10:00am to review the comments.

The Policy Committee (PC) also received the draft plan and comments from the PC were due to Holly Bushman, (LeSueur SWCD), November 8th. Policy Committee meetings are scheduled for the third Thursday of the month at 3:00pm.

Attachments

No attachments

Recommended Action

No action recommended – for information only



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. C. – City of Carver Levee

Prepared By

Linda Loomis, Administrator

Summary

Representatives from the City of Carver have asked to come before the LMRWD Board of Managers at the December meeting to provide an update to the Board.

Attachments

No attachments

Recommended Action

No recommended action – for information only



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2023

Agenda Item

Item 4. D. – Dredge management

Prepared By

Linda Loomis, Administrator

Summary

- i. **Dredging at the mouth of the MN River**
Dredging at the mouth of the river has been completed. An invoice from the US Army Corps of Engineers has not been received yet.
- ii. **Sale of Dredge Material**
There is no new information to report about the sale of dredge material since the last update.
- iii. **Private Dredge Material Placement**
Payment from Savage Riverport and CHS, Inc. has been received. Payment from Cargill is working its way through the Cargill System.
- iv. **Vernon Avenue reconstruction and culvert replacement project**
The LMRWD is still working to obtain required permits. It has been determined that no permit is required by the DNR or the US Army Corps of Engineers. A permit from the LMRWD is on this meeting agenda for approval.

Attachments

No attachments

Recommended Action

No action recommended



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. E. – Watershed Management Plan

Prepared By

Linda Loomis, Administrator

Summary

All cities with an LGU permit from the LMRWD has complied with the requests made so that the LMRWD can audit the adherence of the cities to LMRWD rules. Staff from Young Environmental Consulting Group, on behalf of the LMRWD is reviewing the information received from the cities. Cities with and LGU permits from the LMRWD are: Bloomington, Burnsville, Egan, Mendota Heights, Carver, and Shakopee.

Municipal Coordination meetings are being scheduled for late November and December. The LMRWD meets with all cities annually to check in, further information sharing between the LMRWD and the cities, review recent and upcoming projects and programs, and to assess and leverage continued partnership on projects that protect or enhance natural resources.

Attachments

No attachments

Recommended Action

No recommended action



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. F. – 2024 Legislative Action

Prepared By

Linda Loomis, Administrator

Summary

Lisa Frenette of Frenette Legislative Advisors is working to schedule a meeting with Rita Weaver of the Board of Water and Soil Resources to discuss how to prioritize use of the water storage initiative money and how the LMRWD might help create more storage within the MN River Basin.

Attachments

No attachments

Recommended Action

No action recommended



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting
Wednesday, November 15, 2023

Agenda Item

Item 6. G. – Education & Outreach

Prepared By

Linda Loomis, Administrator

Summary

The LMRWD sent a communication about the educator mini-grant program to educators that serve students living within the LMRWD (even though schools may be located outside the boundaries of the LMRWD). Four applications were received and evaluated by the Citizen Advisory Committee (CAC).

A total of \$1,800 was requested. Technical Memorandum – Lower Minnesota River Watershed District Educator Mini-Grant Program Award Recommendation dated November 7, 2023, is attached to inform the Board of the CAC's recommendations. Grant applications are attached to the Technical memorandum.

Attachments

Technical Memorandum – Lower Minnesota River Watershed District Educator Mini-Grant Program Award Recommendation dated November 7, 2023

Recommended Action

Motion to approve the recommendations of the CAC and awards educator mini-grants as follows:

- Nicollet Middle School Green Team - \$500;
- Pilot Knob STEM Magnet School - \$300;
- Chaska high School - \$500; and
- Redtail Ridge Elementary School - \$500

Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District (LMRWD)

From: Jen Dullum, Education and Outreach Coordinator
Suzy Lindberg, Communications Manager

Date: November 7, 2023

Re: Lower Minnesota River Watershed District (LMRWD) Educator Mini-Grant Program Award Recommendation

The LMRWD Educator Mini-Grant Program (Program) was approved in the fall of 2022. Before the end of the 2022-23 school year, Young Environmental Consulting Group (Young Environmental) sent a flyer to over 100 schools informing them of the program and preparing educators for the upcoming fall application period. The flyer (attached) provided them with a menu of funding options to spark interest and help provide educators with ideas for possible programming grant requests. In September 2023, Young Environmental opened the Program application period for the 2023-24 school year and shared the Program details with over 650 individual educators and organizations by email (contact list can be made available by request). The Program details were also shared via the LMRWD website and social media platforms.

We received the attached applications from the four educators listed below before the application process closed on October 20, 2023:

- Peg Challgren, Nicollet Middle School Green Team, Burnsville, MN
- Michele Link-Valenstein, Pilot Knob STEM Magnet School, Eagan, MN
- Kelly Dreier, Chaska High School, Chaska, MN
- Caren Hudak, Redtail Ridge Elementary School, Savage, MN

The applicants were prescreened per the managers' approved criteria and then forwarded to the Citizen Advisory Committee (CAC) for evaluation. The CAC reviewed the applications and scored them prior to their November 7, 2023, meeting. Individual score sheets can be made available upon request.

Applications scoring 5 or more points, as summarized in the table below, are forwarded for consideration.

Educator/School	Average Score	Requested Amount	Eligible Expenses
Peg Challgren Nicollet Middle School Green Team	7	\$500	Water testing field trip <u>OR</u> canoe paddle field trip to study floodplain forest.
Michele Link-Valenstein Pilot Knob STEM Magnet School	8	\$300	Minnesota Zoomobile at STEM fair.
Kelly Dreier Chaska High School	8	\$500	Turbidity tubes and dissolved oxygen probe.
Caren Hudak Redtail Ridge Elementary School	6.8	\$500	Microscope document cameras and Minnesota watershed/wetland lesson plans.

Recommendation

Based on the information presented and the evaluation completed by the CAC, Young Environmental recommends awarding Nicollet Middle School Green Team \$500, Pilot Knob STEM Magnet School \$300, Chaska High School \$500, and Redtail Ridge Elementary School \$500 for a total of \$1,800 in 2023 Educator Mini-Grants.

Attachments:

Applications

Mini-Grant flyer



Educator Mini-Grant Program Application

Name of School/Organization:

Nicollet Middle School Green Team

First Name:

Peg

Last Name:

Challgren

Email:

pchallgren@isd191.org

Phone:

952-567-9971

Describe your current role?

Science teacher and co-Green Team leader

If you are a student, please provide the name and email of your supervising educator.

Address of School/Organization

Street Address:

400 E. 134th St.

Address line 2:

City:

Burnsville

State:

MN

Zip Code:

55337

Name and Address Where Activity Will Take Place (if Different from Above)

Street Address:

Address line 2:

City:

State:

Zip Code:

What age(s) are the participants?

K–5th grade

6–12th grade

18+ years

Senior

Estimated number of participants:

35-40

Describe your proposed activity or project and how it relates to water resources and wildlife habitat education. Include project goals and learning objectives for participants.

We would like to take a field trip with Wilderness Inquiry focused on water testing on the Mississippi River or through the Chain of Lakes to analyze wildlife sanctuaries and how the waterways affect wildlife populations in those areas. Or, partner with WI and the Mississippi Park Connection groups to paddle across from the Bdote confluence of the Mississippi and MN Rivers for a tour of the Crosby Farm Park tree sanctuary. Analyze the sustainability of specific tree species and how they play a role in maintaining the tree canopy of the flood plain forest.

Project goals for the middle schoolers would be to instill an appreciation for the interconnectivity of water ways and wildlife habitat. Our hope is that our students would have the opportunity to learn about the interconnectivity of water resources and habitat, which will then translate into them becoming more informed and engaged citizens. We want to educate and encourage the next generation of environmental activists :)

When is this activity/project scheduled to take place?

Spring of 2024

Total requested amount (maximum \$500):

\$500.00

Specify how funds will be allocated (e.g. supplies, materials, and transportation):

Transportation, materials

I understand that if my funding request is approved, I must complete and submit the Program Project Reporting and Reimbursement form to receive payment. Any photos submitted may be used by the LMRWD in future communications.

Signature:

Date:

09/20/2023



LOWER MINNESOTA RIVER
WATERWAYS COMMISSION

Educator Mini-Grant Program Application

Name of School/Organization:

Pilot Knob STEM Magnet School

First Name:

Michele

Last Name:

Link-Valenstein

Email:

michele.linkvalenstein@isd197.c

Phone:

651-428-1634

Describe your current role?

STEM Teacher/ Magnet Facilitator

.org

If you are a student, please provide the name and email of your supervising educator.

Address of School/Organization

Street Address:

1436 Lone Oak Road

Address line 2:

City:

Eagan

State:

MN

Zip Code:

55121

Name and Address Where Activity Will Take Place (if Different from Above)

Street Address:

Address line 2:

City:

State:

Zip Code:

What age(s) are the participants?

K-5th grade

6-12th grade

18+ years

Senior

Estimated number of participants:

200-300

Describe your proposed activity or project and how it relates to water resources and wildlife habitat education. Include project goals and learning objectives for participants.

One of the large scale events we host at Pilot Knob is a STEM Fair. In the past, this event has focused on Engineering. Our goal is to reconfigure this event to represent all components of STEM. Students must understand that science is in the natural world all around us and that we can use STEM to become stewards of the land and animals. As a district, we are located two miles from the confluence of the Minnesota and Mississippi Rivers. We want to honor the heritage that comes with this location and incorporate that into our STEM programming.

Many of our Earth and Life Sciences standards revolve around wildlife habitats. We would like to represent that at our STEM fair by inviting the Minnesota Zoomobile Booth to present. A Zoomobile booth would provide a naturalist and animals with a connection to a local conservation theme. This addition would allow us to educate students and families about wildlife animals that live in the Watershed District alongside us.

When is this activity/project scheduled to take place?

March 2024

Total requested amount (maximum \$500):

\$300

Specify how funds will be allocated (e.g. supplies, materials, and transportation):

\$300 to bring the Zoomobile to Pilot Knob for two hours.

I understand that if my funding request is approved, I must complete and submit the Program Project Reporting and Reimbursement form to receive payment. Any photos submitted may be used by the LMRWD in future communications.

Signature: 

Date:

09/25/2023



LOWER MINNESOTA RIVER
WATERSHED DISTRICT

Educator Mini-Grant Program Application

Name of School/Organization:

Chaska High School

First Name:

Kelly

Last Name:

Dreier

Email:

dreierk@district112.org

Phone:

(952) 556-7100

Describe your current role?

AP Environmental Science Teacher

If you are a student, please provide the name and email of your supervising educator.

Address of School/Organization

Street Address:

545 Pioneer Trail

Address line 2:

City:

Chaska

State:

MN

Zip Code:

55318

Name and Address Where Activity Will Take Place (if Different from Above)

Street Address:

Address line 2:

City:

State:

Zip Code:

What age(s) are the participants?

K-5th grade

6-12th grade

18+ years

Senior

Estimated number of participants:

250 students

Describe your proposed activity or project and how it relates to water resources and wildlife habitat education. Include project goals and learning objectives for participants.

We currently conduct stream study tests of East Chaska Creek with our AP environmental Science students. We would like to add in turbidity testing by adding turbidity tubes and we would like to add a portable dissolved oxygen sensors so we are not having to bring computers down to the stream with us.

The goals of this lab is for students to understand the various test scientiest do to determine the health of a stream. We also discuss factors that influence changes in these tests and what the human impacts are.

When is this activity/project scheduled to take place?

Every year during the fall

Total requested amount (maximum \$500):

\$500

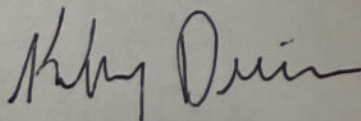
Specify how funds will be allocated (e.g. supplies, materials, and transportation):

4 turbidity tubes - $\$54.44 \times 4 = 217.76$

1 portable dissolved oxygen probe - \$280

I understand that if my funding request is approved, I must complete and submit the Program Project Reporting and Reimbursement form to receive payment. Any photos submitted may be used by the LMRWD in future communications.

Signature:



Date:

10/17/2023



Educator Mini-Grant Program Application

Name of School/Organization:

Redtail Ridge Elementary

First Name:

Caren

Last Name:

Hudak

Email:

chudak@plsas.org

Phone:

952-226-8042

Describe your current role?

Junior Naturalist Advisor - 4th Grade Teacher

If you are a student, please provide the name and email of your supervising educator.

Address of School/Organization

Street Address:

15200 Hampshire Ave. S

Address line 2:

City:

Savage

State:

MN

Zip Code:

55378

Name and Address Where Activity Will Take Place (if Different from Above)

Street Address:

Address line 2:

City:

State:

Zip Code:

What age(s) are the participants?

K–5th grade

6–12th grade

18+ years

Senior

Estimated number of participants:

100

Describe your proposed activity or project and how it relates to water resources and wildlife habitat education. Include project goals and learning objectives for participants.

Our school would like to purchase microscope document cameras for students to utilize on site which would be useful and fun for students in exploring the microscopic world. We have several wetland areas on our school site and we could use this equipment to help students understanding of the health our our local wetlands and natural envionment.

I will work with our IT department to find the best option for our technology and make sure that it fits our students needs.

If there is any additional funds from the purchase of microscope document cameras, I would like to purchase specific lesson materials which would help students understand our Minnesota watershed and wetlands.

When is this activity/project scheduled to take place?

We will use this equipment throughout the school year.

Total requested amount (maximum \$500):

\$500

Specify how funds will be allocated (e.g. supplies, materials, and transportation):

Microscope attachment for document camera or individual microscopic document cameras for student l pads at approximately \$40-50 dollars each.

Lesson materials such as slides, books on Minnesota Watershed.

I understand that if my funding request is approved, I must complete and submit the Program Project Reporting and Reimbursement form to receive payment. Any photos submitted may be used by the LMRWD in future communications.

Signature:

Date:

10/20/2023

EDUCATOR MINI-GRANT PROGRAM



Do you have a water or natural resource-related project or program that you wish you could bring into the classroom to enhance your curriculum? How about a field trip or speaker to connect classwork to the “real world?”

The Lower Minnesota River Watershed District has 10 grants of up to \$500 each for educators to help cover costs of materials and programming.

The grant application period for the 2023-2024 school year opens on September 18 and closes October 20. Scan the QR code below to go to our website for more information.

Start planning
now and apply
this fall.



Scan the QR code or contact us at info@lowermnrriverwd.org.



Looking for inspiration? Here are some ideas to get you thinking.

- Waders
- Dip nets
- In-school presenter (ex. MN Zoo, Metropolitan Council)
- Field trip
- Bus transportation
- Petri dishes
- Microscope
- Magnifying lenses
- Rite in Rain notebooks
- Ph strips
- Chlorine test strips
- Chloride-ion selective electrode
- Materials for water-quality experiments
- Materials for stormwater experiments
- Interactive learning tools
- Materials for aquatic species lessons
- Textbooks
- Storybooks featuring water and natural resources



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2023

Agenda Item

Item 6. H. – LMRWD Projects

Prepared By

Linda Loomis, Administrator

Summary

i. Area #3

The Architectural history report has been received and The State Historic Preservation Office workbook has been completed and received by the LMRWD. An application for a Public Water Works permit has been submitted to the MnDNR. The DNR has several comments that will be addressed as part of the 90% plan development. The MnDNR and US Army Corps of Engineers Joint Application has been submitted. Inter-Fluve has prepared potential impacts shapefiles and will be shared with the noted agencies in the next couple of weeks. Permit applications will need to be made with the LMRWD and the City of Eden Prairie.

An appraisal has been completed which is being reviewed by WSB. Once the appraisal has been certified, it will be sent to the LMRWD. We hope to get this in the next couple of weeks.

ii. Spring Creek

The wetland delineation has been completed. The report was shared with the US Army Corps of Engineers and additional information was requested. The next step is to apply to the WCA authority, the City of Carver, who will ask for concurrence of a TEP (Technical Evaluation Panel) and then issue a notice of decision.

Attachments

No attachments

Recommended Action

No action recommended



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, November 15, 2023

Agenda Item

Item 6. I. – Permits & Project Reviews

Prepared By

Linda Loomis, Administrator

Summary

i. ACE Rent a Car (LMRWD No. 2022-022) – After the Fact Permit

This project is within the boundaries of the Minneapolis/ St. Paul Airport on land that is managed by the Metropolitan Airport Commission (MAC). A permit for this project conditionally. The conditions were not met before construction was started. MAC was informed that the LMRWD did not issue a permit for this project. MAC assisted in getting the information necessary to remedy the compliance issue. More details are provided in Technical Memorandum – ACE Rent a Car (LMRWD 2022-022) After-the-Fact Permit dated November 8, 2023.

Attachments

Technical Memorandum – ACE Rent a Car (LMRWD 2022-022) After-the-Fact Permit dated November 8, 2023

Recommended Action

Motion to approve an After-the Fact permit for ACE Rent a Car

ii. Vernon Avenue Improvements and Access Road Culvert Replacement Project (LMRWD 2023-023)

This project is a project of the LMRWD. Since it is a LMRWD project the application for a permit was reviewed by Barr Engineering rather than Young Environmental Consulting Group. Details of the review are provided in Technical memorandum – Vernon Avenue Improvements and Access Road Culvert Replacement Project (LMRWD No. 2023-023) dated November 7, 2023.

Attachments

Technical memorandum – Vernon Avenue Improvements and Access road Culvert Replacement Project (LMRWD No. 2023-023) dated November 7, 2023

Recommended Action

Motion to conditionally approve a permit for Vernon Avenue Improvements and Access Road Culvert Replacement (LMRWD 2023-023) subject to receipt of the contact information for the contractor and the person(s) responsible for inspection and maintenance of erosion and sediment control features, and a copy of all other required permits including the NPDES Construction Stormwater Permit and the City of Savage Right of Way permit.

iii. 535 Lakota Lane, Chanhassen – work without a permit

The LMRWD received a survey of the property which meets the LMRWD's request. However, the survey must be certified by a professional engineer. The after-the-fact permit application will be evaluated once the survey is certified. The LMRWD will inform the City of the recommendations LMRWD will bring to the LMRWD Board.

Attachments

No attachments

Recommended Action

No action recommended



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Erica Bock, Water Resources Scientist
Della Schall Young, PMP, CPESC, CTF, Principal Scientist

Date: November 8, 2023

Re: ACE Rent a Car (LMRWD No. 2022-022)
After-the-Fact Permit

Don Schilling, Walser Automotive Group, (the applicant) has applied for an individual project permit from the Lower Minnesota River Watershed District (LMRWD) to expand an existing building and paved parking lot for rental cars within the Metropolitan Airports Commission Boundary (MAC), as shown in Figure 1. The applicant's engineer, Phillips Architects & Contractors, LTD (the engineer), has provided site plans for the ACE Rent a Car (Project).

The Project consists of redeveloping an existing gravel impervious hard surface area currently being used for parking/maneuvering. The project disturbs approximately 1.26 acres. The project is not located within the High Value Resource Area, Steep Slopes Overlay District, or Minnesota River floodplain. The LMRWD permit review staff had made comments on the incomplete permit application in March 2023. After not receiving any updated materials from the Project staff, permit review staff requested an update on the Project status in October 2023. ACE Rent a car provided an update that the Project is currently under construction without a permit from the LMRWD. Generally, the path forward would be to coordinate with the municipality to issue a stop work order and get the permitting items in order. Because this Project is located on MAC property, it presents some added complexity. LMRWD legal counsel, John Kolb with Rinke Noonan was consulted to outline the permitting path forward for the work without a permit which included reaching out to MAC to notify them of the issue and working with the applicant to collect the outstanding application items.

Permit review staff met with Marisa Trapp, Manager of Environmental Affairs for MAC,

on October 19, 2023, to bring MAC up to speed about the Project and that it is in violation of the LMRWD's Rules since ACE Rent a Car is performing work without a permit. The outstanding application items were discussed, and permit review staff informed MAC that the applicant would be notified of the issue.

The applicant was informed on October 23, 2023, that the Project is working without a permit, which is in violation of the LMRWD Rules and highlighted the following outstanding application items:

- A signed Authorization of Agent form because the property is owned by the MAC.
- Final construction plans signed by a professional engineer.
- Copy of the NPDES Construction Stormwater Permit.
- Name and contact information for all contractors undertaking land disturbing activities.
- Name and contact information for the person responsible for erosion control inspection and maintenance.

The applicant was required to submit the remaining items by the end of the day October 27, 2023, for consideration at the November 2023 LMRWD Board Meeting

Summary

Project Name: ACE Rent a Car

Purpose: Expand building and existing paved parking lot

Project Size:

Area Disturbed	Existing Impervious Area	Proposed Impervious Area	Net Increase Impervious Area
1.26 acres	3.84 acres	3.78 acres	-0.06 acres

Location: 2143 East 77th St., Minneapolis, MN 55435

LMRWD Rules: Rule B – Erosion and Sediment Control

Recommended Board Action: Approval

Discussion

The LMRWD received the following documents for review:

- LMRWD online permit application; received May 10, 2022.
- Topographic Survey and Site Removal Plan by Jacobson Engineers & Surveyors; revised September 13, 2022; received May 10, 2022.
- Site Plan, Landscape Plan, Lighting Plan by Phillips architects & Contractors, LTD; revised September 13, 2022; received May 10, 2022.
- Project Construction scheduled; received October 11, 2023.
- Civil Set by Jacobson Engineers & Surveyors; dated July 5, 2023; received October 26, 2023.
- Authorization of Agent Form; signed March 17, 2023; received October 26, 2023.
- Name and contact information for all contractors undertaking land disturbing activities; received October 26, 2023.
- Name and contact information for the person responsible for erosion control inspection and maintenance; received October 26, 2023.
- NPDES Construction Stormwater Permit; received October 27, 2023.

The application was deemed complete on October 27, 2023, and the documents received provide the minimum information necessary for permit review.

Rule B – Erosion and Sediment Control

The LMRWD regulates land-disturbing activities that affect one acre or more under Rule B. The proposed Project disturbs approximately 1.26 acres within the LMRWD boundary. The applicant has provided an erosion and sediment control plan and a Stormwater Pollution Prevention Plan. The constructor and individuals responsible and liable for the inspection and maintenance of erosion and sediment control features are:

Contractor:

Sever Construction

Brett Svendsen

Brett.svendsen@severco.com

612-719-1855

Erosion control inspection and maintenance:

Wruck Excavating

Tony Wruck

320-267-1855

The applicant has provided a copy of the Project's NPDES Construction Stormwater Permit. The Project complies with Rule B. The Project aims to be completed by Spring 2024.

Site Inspection

Because the project was already under construction, Erica Bock with Young

Environmental Consulting Group visited the site on October 27, 2023, to verify proper erosion and sediment control. No sediment and erosion control violations were found at the Project site. The bituminous paving has been completed and the landscaping is taking place. The active site has all temporary erosion and sediment control BMPs in place and operational as shown in the photos in Attachment 1.

Recommendations

Based on our review of the project, we recommend approval of the After-the-Fact ACE Rent a Car Project Permit.

Attachments

- Figure 1—ACE Rent a Car Project Location Map
- Attachment 1—ACE Rent a Car Inspection Photos



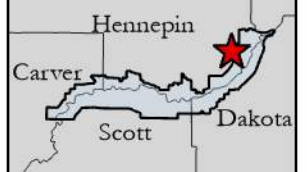
Figure I: Ace Rent A Car Project Location
Permit 2022-022



Legend

- Ace Rent A Car Project Location
- Proposed Impervious
- Proposed Building Extension
- Parcels

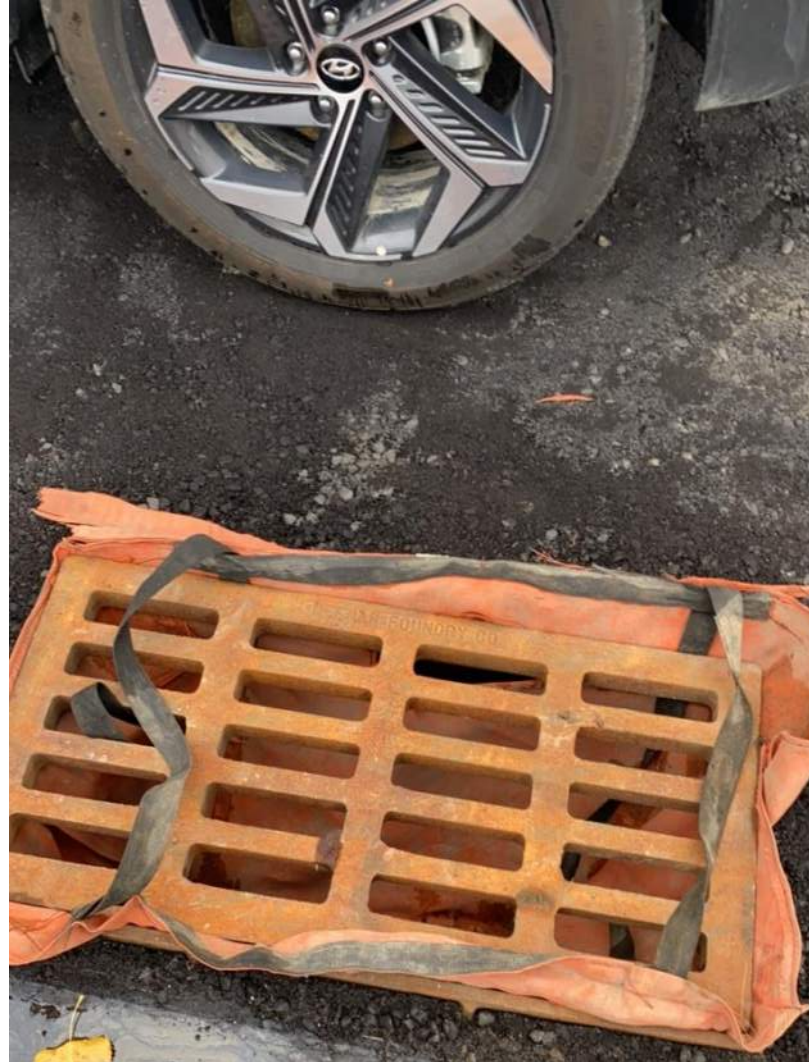
LMRWD Watershed Location Map



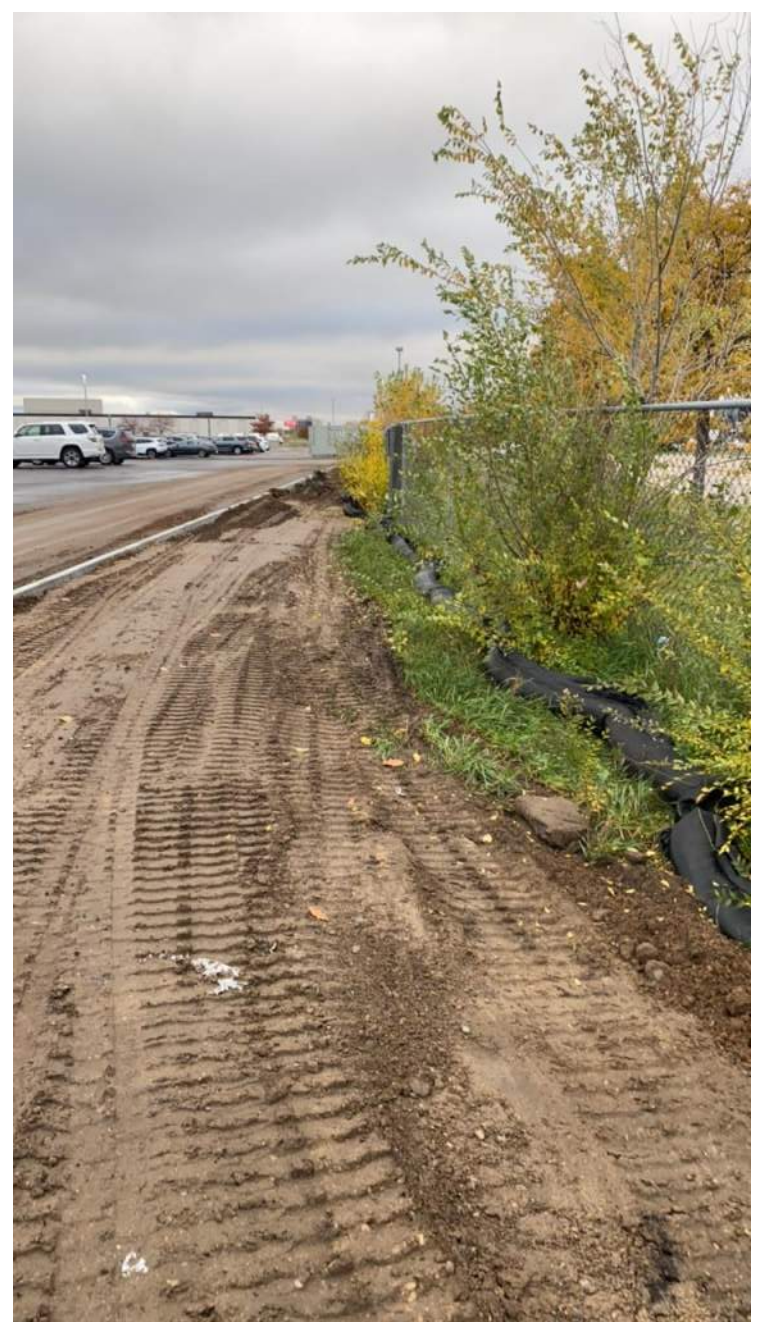
ACE Rent a Car Inspection Photos

Erica Bock, Water Resources Scientist, Young Environmental Consulting
Group

October 27, 2023



Proper inlet protection on ACE Rent a Car Project Site



Perimeter sediment control BMPs on Project site



Stockpile with temporary BMPs surrounding



Clean disposal site areas



Impervious surfaces completed in the correct locations as shown on plans

Technical Memorandum

To: Young Environmental Consulting Group, LLC
From: Barr Engineering Co. (Gabby Campagnola, Jim Herbert P.E.)
Subject: Vernon Avenue Improvements and Access Road Culvert Replacement Project
(LMRWD No. 2023-023)
Date: November 7, 2023
Project: LMRWD Permitting Support

Summary

Project name: Vernon Avenue Improvements and Access Road Culvert Replacement Project

Purpose: Reconstruct Vernon Avenue, reconstruct the dredge site access road, and replace the access road culvert

LMRWD Rules: Rule B – Erosion Control
Rule C – Floodplain and Drainage Alteration
Rule D – Stormwater Management

Recommended Board Action: Conditional Approval

General Project Information

The project area is located along Vernon Avenue and the adjacent access road in Savage, Minnesota. The existing roadway is deteriorating and has received temporary repairs including filling potholes. The proposed project consists of reconstructing 0.7 miles of Vernon Avenue, reconstructing the access road from Vernon Avenue to the dredge material placement site, and replacing the access road culvert. The project site is located in the Minnesota River floodplain and is adjacent to multiple wetlands.

The table below summarizes the project extent and size.

Area Disturbed	Net Cut	Existing Impervious Area	Proposed Impervious Area	Net Increase Impervious Area
2.5 acres	854 Cubic Yards	1.9 acres	1.9 acres	0.0 acres

The following documents were submitted for review:

1. LMRWD Permit application, received October 6, 2023.
2. Vernon Avenue Improvements and Culvert Replacement Project Narrative prepared by Young Environmental Consulting Group, LLC dated October 6, 2023.

3. Vernon Avenue Improvement plans prepared by Bolton & Menk, dated October 2, 2023, and received October 6, 2023.
4. Wetland Delineation Report prepared by ISG, dated June 5, 2023, and received October 6, 2023.
5. Cargill-LMRWD Access Easement Agreement dated August 8, 2006, and received October 6, 2023.
6. City of Savage Conditional Use Permit Amendment dated July 8, 2014, and received October 6, 2023.
7. Geotechnical Evaluation Report prepared by Braun Intertec, dated May 3, 2023, and received October 6, 2023.
8. Vernon Avenue Improvements and Access Road Culvert Replacement Project No Rise Certification Evaluation, prepared by Young Environmental Consulting Group, LLC dated October 6, 2023.
9. HEC-RAS models submitted October 20, 2023.

Rule B: Erosion Control

The LMRWD regulates land-disturbing activities that affect one acre or more under Rule B. The proposed project would disturb approximately 2.5 acres. The applicant has submitted an erosion and sediment control plan and storm water pollution prevention plan (SWPPP) for the proposed project. Proposed temporary erosion and sediment control features include rock construction entrances, sediment control log, and storm drain inlet protection. Permanent erosion and sediment control features include stabilization with seed and blanket. The project generally complies with Rule B, but the LMRWD will need contact information for the contractor and person(s) responsible for the inspection and maintenance of erosion and sediment control features before it can issue a permit.

Rule C: Floodplain and Drainage Alteration

The LMRWD regulates the placement of fill and alterations to drainageways below the 100-year flood elevation. The project is located in the Minnesota River floodplain, shown on the FEMA Flood Insurance Rate Map (FIRM) for Scott County, Panels 27139C0061E and 27139C0063E (effective February 12, 2021). The effective FIRM shows the project in FEMA Zone AE (or the 100-year floodplain) between cross sections F and G with a 100-year elevation of 717.7 and 718.5 ft. NAVD88 respectively, shown in Figure 1.

The applicant performed a hydraulic analysis using USACE Hydrologic Engineering Center River Analysis System (HEC-RAS) version 6.4.1. Young Environmental Consulting Group, LLC (Young Environmental) received the FEMA effective model for the Lower Minnesota River from Carver to the river's confluence with the Mississippi River from the Minnesota Department of Natural Resources. The FEMA effective model was preserved as a reference and a Duplicate Effective Model. Young Environmental made the following modifications to the Duplicate Effective Model to more accurately model existing conditions along Vernon Avenue:

- Update the model to include model modifications developed by Barr Engineering Co. (Barr) in 2019 to reflect the Dredge Site Project that was completed in 2020.
- Update the model to include a new cross section to accurately model topographic changes from the proposed project.
- Modify two existing cross sections to align with 2023 survey data.

This model is referred to as Corrected Effective Model as seen in Figure 2 and is representative of the existing conditions.

Young Environmental made a proposed condition model by using the Corrected Effective Model and updating the relevant cross sections to represent the proposed road profile of Vernon Avenue and the access road. Table 1 reports the 100-year flood elevation and floodway elevation for the cross sections adjacent to the project area for the existing conditions (Corrected Effective Model) and proposed conditions. Results shown in Table 1 demonstrate the proposed project does not cause a rise for the 100-year flood elevation or floodway elevation for the project area. Therefore, the project meets the criteria for a no-rise certificate and a signed no-rise certificate was provided for the proposed project.

Table 1 HEC-RAS Model Water Surface Elevations Within the Project Area

River Station	100-Year Existing Flood Elevation	100-Year Proposed Flood Elevation	Difference in 100-Year Flood Elevation	100-Year Existing Floodway Elevation	100-Year Proposed Floodway Elevation	Difference in 100-Year Floodway Elevation
37	717.76	717.76	0.00	717.99	717.99	0.00
36.96	717.75	717.75	0.00	717.99	717.99	0.00
36.5	717.67	717.67	0.00	717.91	717.91	0.00
36	717.53	717.53	0.00	717.73	717.73	0.00
35.75	717.45	717.45	0.00	717.66	717.66	0.00
35.5	717.41	717.41	0.00	717.62	717.62	0.00

Another component of the proposed project is replacing a culvert under the access road. The existing culvert is a 48-inch RCP that has an invert elevation of 695.35 ft. on the north side and 695.01 ft. on the south side. The culvert will be replaced in-kind and will have inverts that match the existing conditions, so there will be no adverse effect to drainage through the project area.

Rule D: Stormwater Management

The LMRWD regulates land-disturbing activities that create new or reconstructed impervious areas greater than one acre. The proposed project reconstructs 1.9 acres of impervious surfaces, so stormwater management is required.

As part of Rule D, applicants must demonstrate proposed runoff rates will not exceed existing runoff rates. The proposed impervious surface equals the existing impervious surface; therefore, runoff rates will not increase due to the proposed project.

Rule D requires linear projects to retain one inch of runoff from fully reconstructed impervious surfaces due to the maximum extent practicable on sites without restrictions. The project results in 1.9 acres of reconstructed surfaces, therefore a volume retention of 0.158 acre-feet is required. The applicant explored options to meet volume retention. It was determined volume retention is not feasible at the project site due to the presence of clay soils and high groundwater levels that make infiltration impracticable. In addition, Vernon Avenue is bordered by wetlands that would have to be disturbed to construct stormwater management facilities. Due to the project site being restricted, volume retention will not be provided as part of the proposed project.

The final requirement of Rule D is a no net increase in total phosphorus or total suspended solids compared to existing conditions. The proposed impervious surface equals the existing impervious surface, therefore, no net increase will be achieved.

Recommendations

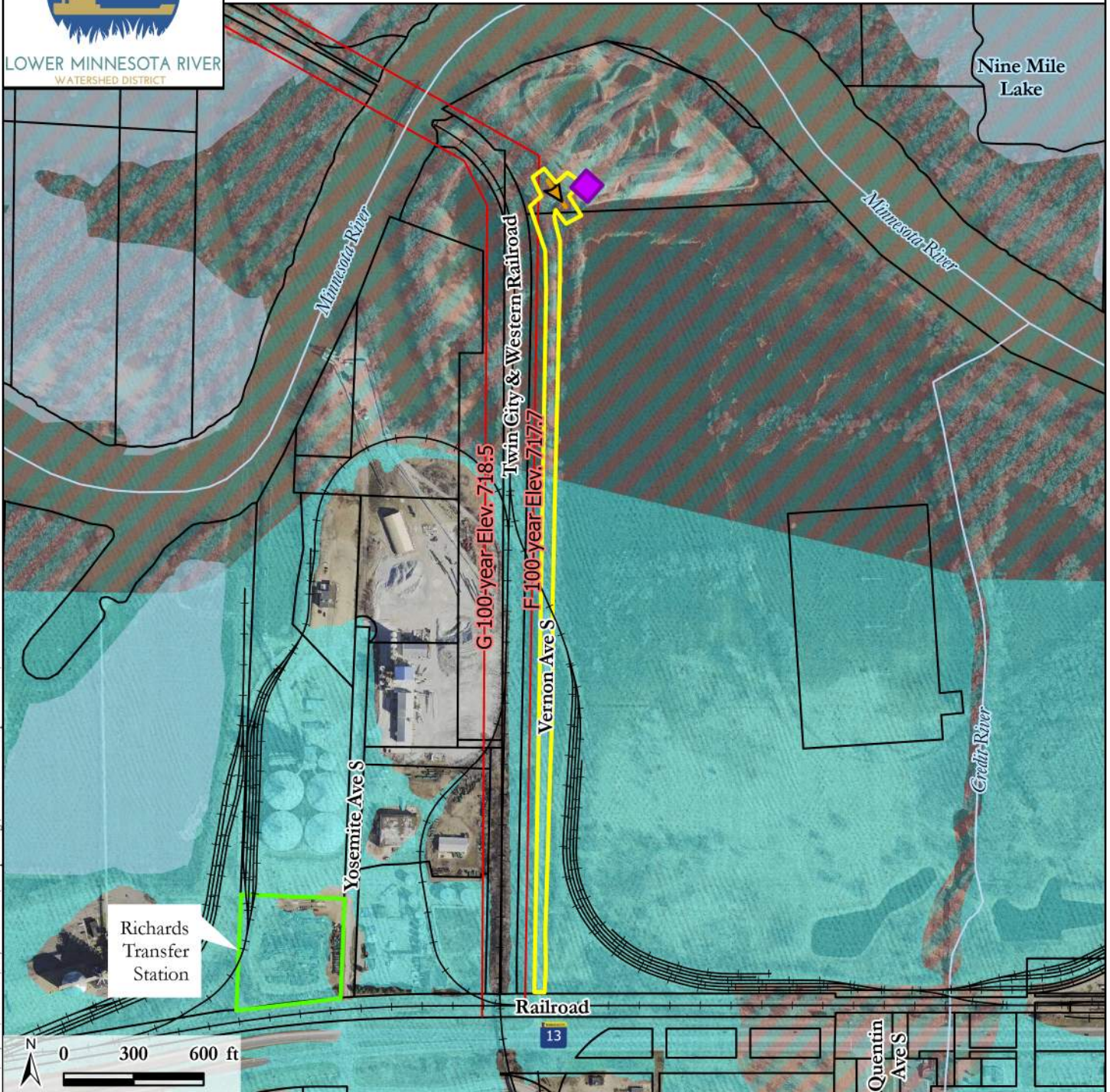
Barr recommends the board conditionally approves the project based on the following comments:

1. The applicant provides the LMRWD with the contact information for the contractor and person(s) responsible for the inspection and maintenance of erosion and sediment control features.
2. The applicant provides the LMRWD a copy of all other required permits including the NPDES Construction Stormwater Permit and City of Savage Right of Way permit.



LOWER MINNESOTA RIVER
WATERSHED DISTRICT

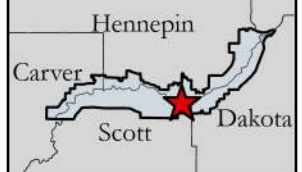
Figure I: Vernon Ave Improvement and Culvert Replacement Project Location



Legend

- Project Location
- Staging Area
- Richards Transfer Station
- Proposed Culvert Replacement
- FEMA Cross Sections
- ~ Public Waters
- Public Waterbodies
- Parcels
- 100-yr Floodplain
- Floodway
- +— Railroads

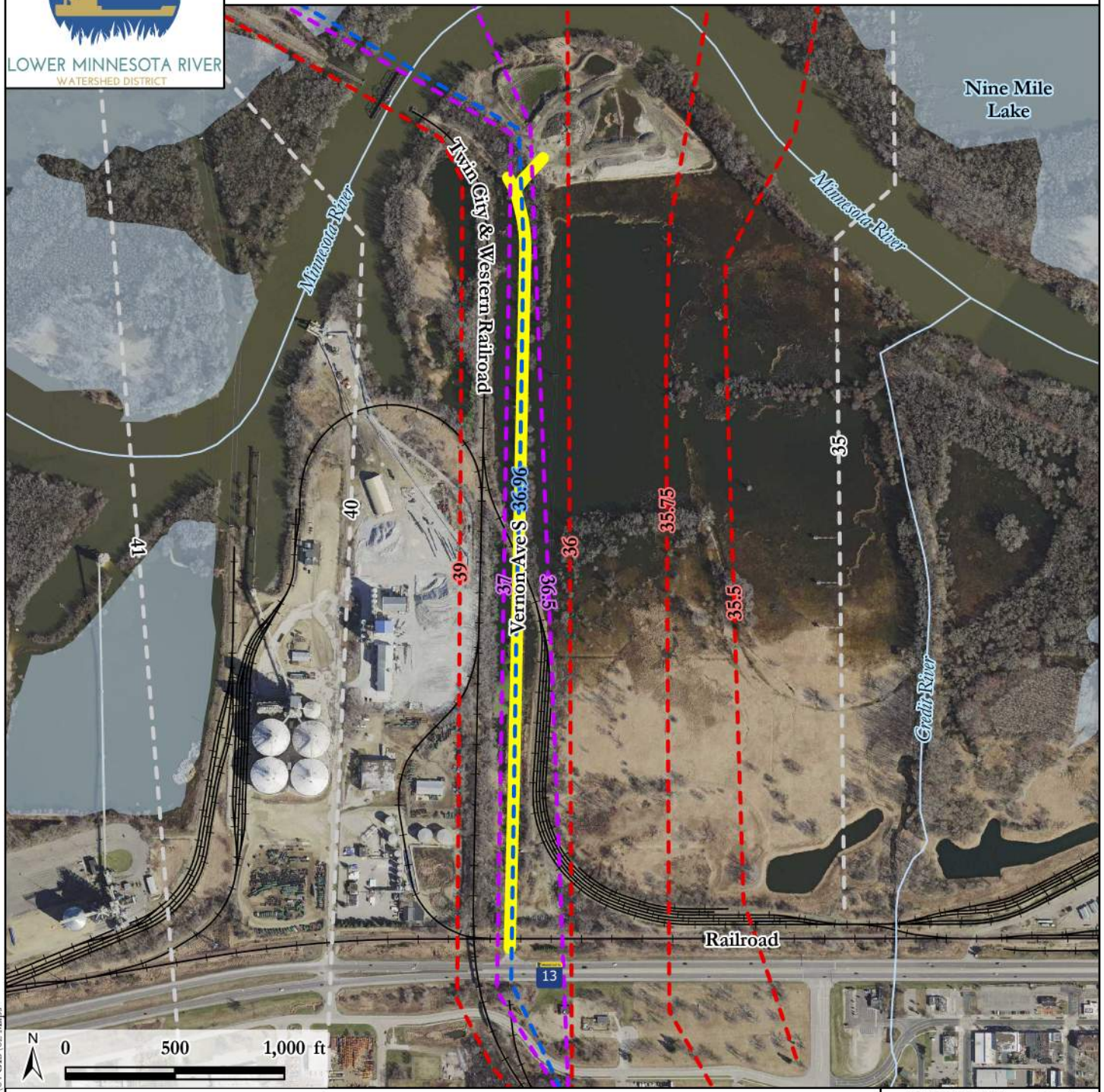
LMRWd Watershed Location Map



Young Environmental
Consulting Group, LLC



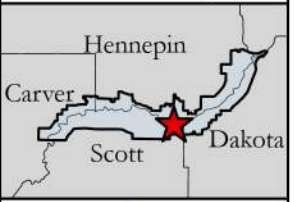
Figure 2: Corrected Effective Model Modifications



Legend

- █ Project Area
- - - New Cross Section
- - - Modified Cross Section
- - - Barr Cross Section
- FEMA Cross Section
- Public Waters
- Public Waterbodies
- Railroads

LMRWD Watershed Location Map



Projects \LMRWD\ Cap. Improvement Projects \Dredge Site 04 GE\02 Maps