



VLAWMO TECHNICAL COMMISSION MEETING 7:30 AM September 11, 2020

Meeting will be held by Zoom teleconference. Meeting link:

https://us02web.zoom.us/j/82609413241?pwd=Oy9rcURGb2VPdiB4UkV3VDVyWHA2UT09

Meeting ID: 826 0941 3241 Passcode: 874971

Dial by location: +1 312 626 6799 US (Chicago)

Action items: 🗶

- I. Call to Order 7:30am Chair Gloria Tessier
- II. Approval of Agenda
- III. Approval of Minutes (August 14, 2020)
- IV. Administration & Operations
 - A. Financial Report for August & authorization for payment Phil 🖈
 - B. Update on Mississppi East Watershed Based Funding Phil
 - C. Update on proposed boundary change White Bear Center for the Arts. Phil

V. Programs

- A. Education & Outreach Nick
 - Updates from summer programs: Rainbarrel workshop, Neighborhood tour, Jr Watershed Explorer program, Floodplain Friday
 - 2. 4th and Otter sign update
- B. Cost Share Program Policy Updates, Subcommittee Meeting Tyler
 - 1. LL1 Application 2020-15 Lissick Native Planting ✓
 - 2. LL1 Application 2020-16 Green No-Mow Lawn Replacement ✓

VI. Projects-

- A. Lambert Lake update Dawn
- B. Correction crew workday at Kohler Bend Dawn
- VII. Commisioner Reports:
- VIII. NOHOA
- IX. Ramsey Soil & Water Conservation Division:
- X. St. Paul Regional Water Services
- XI. Public Comment
- XII. Next Meetings: TEC: October 9, 2020

Board of Directors Meeting: October 28, 2020. XIII. Adjourn

Events: vlawmo.org/events

- Starting Sept. 4 (12:30-3:30 pm): Buckthorn buster workdays, Fridays during Sept. Meet at 4th and Otter Lake Road. If we finish, we'll move to City Hall in Vadnais Heights.
- September 24th: Alternative Turf and Healthy Soil: Blue Thumb partnership
- October 6th: Taking Action for Water Quality web forum: VLAWMO, Conservation MN, Anoka Conservation District, Rice Creek Watershed District
- October 24-25: Lake Care Weekend (Adopt-a-Drain blitz/social distancing event)



The Vadnais Lake Area Water Management Organization

800 County Road E East, Vadnais Heights, 55127 651-204-6070 Website: www.vlawmo.org; Email: office@vlawmo.org

Vadnais Lake Area Water Management Organization Technical Commission Minutes August 14, 2020

Zoom Teleconference Open Meeting:

 $\underline{https://us02web.zoom.us/j/83828772829?pwd=RzhmTEFRSGdkYnh6ZHd4cW9vNDc3Zz09}$

Join by phone: +1-312-626-6799; meeting ID: 838 2877 2829; password: 234257

Commission Members Present:

Gloria Tessier Chair, Gem Lake (GL)

Jesse Farrell

Bob Larson

Paul Duxbury

Terry Huntrods

Vice Chair, Vadnais Heights (VH)

Treasurer, North Oaks (NO)

White Bear Township (WBT)

White Bear Lake (WBL)

Andy Nelson Lino Lakes (LL)

Commission Members Absent:

Others in attendance: Phil Belfiori, Brian Corcoran, Dawn Tanner, Nick Voss, Tyler Thompson (VLAWMO); Ed Shapland, Katherine Kanne (VLAWMO Master Water Steward); Jeremy Erickson (SPRWS); Diane Gorder, Patricia Orud (North Oaks).

Call to Order Chair Tessier called the meeting to order at 7:32 am. A roll call was made for attending Commissioners of the electronic meeting: <u>Farrell: present Larson: present Duxbury: present Huntrods: present Nelson: present Tessier: present.</u>

II. Approval of Agenda

The agenda for the August 14, 2020 Technical Commission Meeting was presented for approval. No new additions.

It was moved by Larson and seconded by Huntrods to approve the August 14, 2020 TEC agenda, as amended. Vote: Tessier: aye Larson: aye Duxbury: aye Huntrods: aye Nelson: aye. Motion passed.

III. Approval of Minutes

It was moved by Duxbury and seconded by Larson to approve the July 10, 2020 meeting minutes, as presented. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Huntrods: aye Nelson: aye. Motion passed.

IV. Administration & Operations

A. Financial Report for August & Authorization for Payment

Belfiori presented the August Financial Report for review and authorization of payments and that we are about on-track for where we should be for the year budget-wise. It's expected for more project costs to come in.

Discussion:

It was moved by Farrell and seconded by Larson to approve the August Treasurer's Report and authorization of payments. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Huntrods: aye Nelson: aye. Motion passed.

B. August TEC Report to the Board

Belfiori presented the August Technical Commission Report to the Board for review and approval. The TEC Report to Board provides a summary of status on several of the projects and program currently being implemented. He noted that the Birch Lake IESF and Whitaker Wetland projects will be closed out at the August Board of Directors meeting. Staff is recommending approval of the August 2020 TEC Report to the Board.

It was moved by Farrell and seconded by Larson to approve the August TEC Report to the Board. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Huntrods: aye Nelson: aye. Motion passed.

V. Programs

A. Education & Outreach

1. News: Sucker Channel DNR highlight, Blue-green algae, Floodplain Friday parts 3 & 4

Voss overviewed that the Sucker Channel Restoration project has been featured in a DNR newsletter. It was also presented that August is the most common time for bluegreen algae blooms and these blooms may have been and are occurring within VLAWMO. The 3rd Floodplain Friday part is being released today on August 14th. Voss explained that these videos are to support the Lambert Lake Meander project, and Lambert Creek subwatershed work. Voss also mentioned the rainbarrel workshop that took place on August 13th.

2. Birch Sand-iron filter education sign preview

Voss presented the permanent proposed sign that will be placed and displayed for the Birch Lake 4th & Otter Iron-Enhance Sand Filter project, at the intersection of Otter Lake Road and 4th Street in White Bear Lake. The sign will explain how the filter works and the connection to stormwater and lake health.

3. Community Blue: Jr Watershed Explorer Program

Voss presented a Community Blue Grant application from VLAWMO's Master Water Stewards to establish and implement a children's program to explore watershed education and learning by introducing a booklet, which is the ultimate end product goal. Shapland addressed that the whole idea was to implement a fun way for kids to learn and inspire interaction with their watershed and how to protect it, aimed at elementary education and activities during COVID-19. There is also expressed interest from the Tamarack Nature Center for implementation. Staff is recommending the Community Blue grant for approval in the amount of \$960.00.

Discussion: Tessier asked how the product will be introduced to the public. Shapland answered that once the product is closer to finalization, more widespread outreach to elementary teachers and schools will begin. Tessier expressed interest in including the product in City & Township newsletters.

It was moved by Farrell and seconded by Larson to approve the Community Blue grant for the Jr Watershed Explorer Program in the amount of \$960.00. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Huntrods: aye Nelson: aye. Motion passed.

B. Cost Share

Thompson overviewed that as was mentioned at the July TEC meeting, staff is seeking at least 2 Technical Commissioners and 2 Board Members to participate in a subcommittee meeting and set a date for a meeting in September. This meeting will be to review the current VLAWMO Landscape Grant Cost Share Program for efficiency and effectiveness, as well as allowing the subcommittee the opportunity to recommend program policy updates and changes for effectiveness of funded BMP reductions and removals. Any recommended changes and draft policy will be brought to the October TEC & Board meetings. Arrangements will be made for the meeting date and time once subcommittee members from the TEC & Board have committed.

Discussion: Farrell & Tessier both agreed this is a good chance to overview and review the program and they are both in for joining the Cost Share Program Subcommittee.

VI. Projects

A. Lambert Lake Update

Tanner updated that SEH is finalizing project specification and plans for bringing to the VLAWMO Board for approval to go out for project construction bid.

B. 4th & Otter Restoration update/Japanese hedge-parsley reporting

Tanner provided a brief update on the recent work to identify and remove this invasive species from the project site.

C. Carp projects update

Tanner noted that the first catch was around a dozen fish, but after reworking, over 100 fish were caught.

D. Wilkinson Feasibility update

Continuation and work with stakeholder partners is ongoing, Tanner also noted that staff was pursuing possible grant funding for projects coming out of this study.

E. 319 Priority Watershed process beginning

Tanner reported that VLAWMO will be eligible to apply for the first round of 319 Priority Watershed grant funding in 2021. She also reported that work in underway to work with the MPCA to initiate development of grant application materials using the EPA planning templates.

F. Pursuing single maintenance contract for restorations

Tanner noted that staff is working to coordinate and consolidation restoration / maintenance contracts going forward in the future.

G. Pleasant Lake sedimentation/internal loading results

Tanner gave some background into the beginning of the project. There is a small hole where Charley Channel enters. The existing sandbar has been determined to be from a prior event 100-200 years ago and is not due to inflow water from the Mississippi. The internal loading cores are showing that the sediments are doing an effective job and storing phosphorus. An iron analysis of the sediment cores was recommended by Barr for further analysis and planning.

Discussion: Gorder questioned carp management and how this fits in. Tanner answered that carp are likely not make a big difference on sedimentation, but their population is above management thresholds, so future carp removal is anticipated to have an impact.

H. Deep Lake reporting to MN DNR and Purple loosestrife initiative results

Tanner noted that after a Diane and Bob helped transplant beetles, they are still around and doing well.

VII. Commissioner Reports: Update request from BLID re: annual meeting & City of WBL updates Huntrods updated that the Birch Lake vegetation harvester has been scrapped and vegetation harvest is being contracted out for apx. \$16,000 per year.

VII. NOHOA

Gorder updated that purple loosestrife beetles were released 2 years ago on Deep Lake, though there is more purple loosestrife in the area. They are looking for ways to track and find new stands. Tanner recommended EDDMaps and Thompson offered to survey Nearmap aerial imagery to help ID and mark locations. Tanner asked about the Pleasant Lake vegetation removal. Gorder mentioned that there is an active program on Pleasant.

IX. St. Paul Regional Water Service (SPRWS) Report

Erickson noted nothing to report.

X. Ramsey Soil & Water Conservation Division (RCSWCD) Report None.

XI. Public Comment

None.

XII. Next Meetings

TEC: September 11th, 2020; Board: August 26th, 2020

XII. Adjourn

It was moved by Larson and seconded by Huntrods to adjourn at 8:36 am. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

Minutes compiled and submitted by Tyler Thompson.



TEC Staff Memo – September 2020

IV. Administration & Operations

A. Financial Report for September – The September Financial Report is attached in the ePacket.

B. Update on Mississppi East Watershed Based Funding

VLAWMO staff have been actively involved in discussion with the other watersheds and local governments in the Mississippi East watershed (See map below) for the purpose of distributing the Board of Water and Soil Resources (BWSR) Watershed-Based Implementation Funding. After much discussions, the Mississippi East watersheds/WMO are recommending to BWSR that the funding be allocated equally among the seven watersheds /WMO's located within the Mississippi East Watershed which would mean apx. \$93,000 for implementation of activities in VLAWMO. At the August meeting, the VLAWMO Board approved to target revenues received from this grant towards implementation activities in the Wilkinson Lake Feasibility study or for implementation of projects within the within the Goose Lake subwatershed. Timing to spend the grant funding would be 2021-2023.

Twin Cities Metro Area Allocation Map for the Watershed-based Implementation Funding Program



C. Update on proposed boundary change - White Bear Center for the Arts -

In July the VLAWMO received request for a Boundary Change from Rice Creek Watershed District (RCWD) which is necessary to enable the White Bear Center for the Arts (WBCA) to combined four of its land parcels which in turn is required as part of a WBCA planned site development. *See map below.* At the August meeting, the VLAWMO Board approve this boundary change with RCWD. The final decision on this boundary change now is in the hands of the MN Board of Water and Soil Resources (BWSR).





V. Programs

A. Education and Outreach:

1. Updates on Summer programs:

Rainbarrel workshop: Of 38 registrations, 18 attended. All 15 rainbarrels have been claimed by residents. The webinar was well received and lays a foundation for convenient programming next year. The webinar was also recorded and serves as a future resource on our YouTube channel.

Neighborhood Tour: 23 attendees participated in the social distancing DIY tour. Feedback showed that this easy tour style would be of interest in the future during non-pandemic times, however it seems to reduce motivation and inspiration when someone isn't on site in person to interpret the cost-share projects. This year's tour has continued valuable relationships with VLAWMO cost-share participants, who volunteered their properties as host sites. Participants received an info packet with the tour map, specs and photos of each host site project, and an interview with the property owner to describe their project and their experience building and maintaining it.

The Junior Watershed Explorer Program is now live. A feedback survey is available with the link to download the workbook. Feedback from TEC members is welcome and appreciated – this feedback will shape the final edits of the workbook when this Community Blue grant finishes its objectives in October, 2020. http://www.vlawmo.org/news/blog/introducing-junior-watershed-explorer-program/

Nick will provide additional visuals and survey responses during the September TEC meeting.



B. Cost Share Program Policy Updates, Subcommittee Meeting

The Board agreed and made a formal motion at their August meeting to convene a joint meeting that includes both members of the TEC & Board, to review and recommend Cost Share Program policy updates. The meeting is scheduled for the end of September. After the meeting, staff will bring the proposed policy updates to the October TEC meeting.

For the following 2 Landscape Level 1 grant applications, only \$3,471.87 remains in 2020 LL1 funding. Both applications received are requesting the full \$2,000 in funding. The LL1 2020-15 application project totals \$4,823, while LL1 2020-16 totals \$3,199.78. Staff is recommending funding both projects, though splitting the funding to be a more comparable funding match percentage. Staff is recommending funding in the amount of \$2,000.00 for LL1 2020-15 (41% VLAWMO match) and \$1,471.87 for LL1 2020-16 (46% VLAWMO match). Both applications are attached for review in the September TEC ePacket. Approving both grants in the amounts recommended by staff, Landscape Level 1 funding would be expended for 2020.

1. LL1 Application – 2020-15 Lissick Native Planting

An application was received for a second phase of native restoration at the Lissick's property in Vadnais Heights. Their previous 2019 grant project was completed in 2020 with great results, and was just under 13,000 square feet in size. This application is requesting funding to complete another 13,000 square feet of restoration area. The Lissicks have signed-on for a full 3 years of maintenance with their contractor, Landbridge Ecological, for the entire 26,000 square feet of restoration, totaling \$5,956. This second phase proposed in their application is requesting \$2,000, and the total project cost was bid at \$4,823, not including the agreed-upon maintenance cost. The project includes 2 herbicide applications, site prep, woodland seed, 600 2" plugs, and 108 4" pots planted. Based upon the size of their restoration and their sign-on for 3 years of maintenance cost, **staff is recommending approval and funding of LL1 2020-15 in the amount of \$2,000.00 (41% funding match).**

2. LL1 Application – 2020-16 Green No-Mow Lawn Replacement

An application was received for LL1 funding in the request amount of \$2,000.00 for no-mow front yard lawn replacement. In recent years, the MN Board of Water & Soil Resources (BWSR) has been incentivizing no or low-mow lawns as an effective means to reduce watering, fertilizing and reducing excess nutrient input into our waterbodies. This would be one of the first few implementations in VLAWMO, so it would be a good and direct example of lawn best management practices in the watershed. The project itself would replace the entire front yard turf (9,500 square feet) with no-mow fescue. The Greens have a large corner lot that drains directly to the Basswood Lake wetland complex. Staff sees this as a good opportunity to implement an example no-mow lawn within the watershed, and the Greens have partnered on cost share tours to illustrate neighborhood best management practices. Staff is recommending approval and funding of application LL1 2020-16 in the amount of \$1,471.87 (46% funding match).



VI. Projects

A. Lambert Lake Update

The Board approved the final signed plans and specs and authorized VLAWMO and SEH to go out for bid on the meander construction and sheetpile replacement during the regular Board meeting on August 28. The bid period will run from Sept. 9-Oct. 1. Bid submissions will be accepted by SEH electronically. A preconstruction meeting is required for all contractors who wish to submit a bid for the project due to the sensitive nature of project construction occurring in the wetland. The preconstruction meeting will be held on-site at Lambert Lake Pond on Sept. 23, 2:00 pm. The City of Vadnais Heights will assist with traffic control, if needed. The bid opening will take place online on Oct. 1, 2:00 pm. Bid documents will be advertised through QuestCDN, on the SEH and VLAWMO websites, and in the local Press Publications.

SEH will prepare a bid recommendation for the regular Board meeting on October 28, 2020.

UMN researchers have completed lab tests for biochar and have installed a pilot biochar filter at Lambert Lake Pond. Data collected this fall will be use to develop the full-scale biochar design.

B. Corrections crew workday at Kohler Bend on Sept. 4

VLAWMO is conducting a buckthorn removal workday on Sept. 4 with a Ramsey County corrections crew and following all COVID-19 guidelines. Buckthorn removal is focused on a previously grant-funded restoration area that has become overgrown. The workday was originally scheduled to occur on Aug. 28 but was postponed due to weather.

Residents in the immediate vicinity of the project were notified by direct mail mid-August.

Staff will provide an update at the TEC meeting. As of packet preparation, the workday has not yet occurred.

Contombor 20		Actual 9/1/20	Actual to Date	2020 Budget	2019 carry	Remaining in	2020 Available	Act vs. Budget			
September-20		notual 3/ 1/ 20	Actual to Date	~	over/Grants	Budget	ZUZU AVAIIADIE	Act vs. budget			
BUDGET #				INCOME							
5.11	Storm Water Utility	\$31,000	\$502,738	\$890,800	\$0	\$388,062	\$890,800	56%			
5.12	Service Fees	\$0	\$300	\$200	\$0	(\$100)	\$200	150%			
5.13	Interest + mitigation acct	\$32	\$4,169	\$5,000	\$0	\$831	\$5,000	83%			
5.14	Misc. income - WCA admin & other	\$0	\$5,150	\$3,000	\$0	(\$2,150)	\$3,000	172%			
5.15	Other Income Grants	\$5,330	\$73,358	\$0	\$0	(\$73,358)	\$0				
5.16	Transfer from reserves	\$100,000	\$250,000	\$0	\$0	(\$250,000)	\$0				
	TOTAL	\$136,362	\$835,715	\$899,000	\$0	\$63,285	\$899,000	93%			
	EXPENSES										
3.1	Operations & Administration	T		ı	ı		ı	ı			
3.110	Office - rent, copies, post tel supplies	\$1,927	\$17,610	\$25,200	\$0	\$7,590	\$25,200	70%			
3.120	Information Systems	\$959	\$9,143	\$20,000	\$2,000	\$12,857	\$22,000	42%			
3.130	Insurance	\$1,966	\$5,985	\$5,800	\$0	(\$185)	\$5,800	103%			
3.141	Consulting - Audit	\$0	\$6,893	\$6,700	\$0	(\$193)	\$6,700	103%			
3.142	Consulting - Bookkeeping	\$0	\$0	\$1,500	\$0	\$1,500	\$1,500	0%			
3.143	Consulting - Legal	\$0		\$4,000	\$2,500	\$5,485	\$6,500	16%			
3.144	Consulting - Eng. & Tech.	\$0		\$30,000	\$0	\$25,847	\$30,000	14%			
3.150	Storm Sewer Utility	\$875	\$4,565	\$14,000	\$0	\$9,435	\$14,000	33%			
3.160	Training (staff/board)	\$0 \$253		\$4,500 \$5,500	\$1,500 \$800	\$5,765	\$6,000 \$6,300	4% 51%			
3.170 3.191	Misc. & mileage Administration - staff	\$253 \$26,616	\$3,242 \$275,318	\$5,500 \$347,200	\$50,000	\$3,058 \$121,882	\$6,300	69%			
3.191	Employer Liability	\$7,645	\$73,913	\$89,600	\$12,000	\$27,687	\$101,600	73%			
3.192	Monitoring and Studies	\$1,045	\$13,913	\$69,000	\$12,000	\$21,001	\$101,000	13%			
3.210	Lake and Creek lab analysis	\$3,793	\$9,698	\$22,000	\$10,000	\$22,302	\$32,000	30%			
3.220	Equipment	\$0	\$236	\$4,000	\$10,000	\$3,764	\$4,000	6%			
3.230	Wetland assessment &	\$0	\$8,593	\$10,000	\$0	\$1,407	\$10,000	86%			
3.3	management Education and Outreach		<u> </u>								
3.310	Public Education	\$21	\$2,384	\$8,500	\$1,000	\$7,116	\$9,500	25%			
3.320	Marketing	\$0	\$1,663	\$7,500	\$0	\$5,837	\$7,500	22%			
3.330	Community Blue Ed Grant	\$960		\$10,000	\$2,000	\$2,988	\$12,000	75%			
	tions: Ops, Monitoring, Education	\$45,016	\$433,658	\$616,000	\$81,800	\$264,142	\$697,800	62%			
	ement Projects and Programs	<u> </u>			<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
3.4	Subwatershed Activity										
3.410	Gem Lake	\$0	\$0	\$0	\$0	\$0	\$0				
3.420	Lambert Creek	\$16,796	\$81,118	\$120,000	\$63,275	\$102,157	\$183,275	44%			
3.425	Goose Lake	\$1,100	\$36,663	\$60,000	\$150,316	\$173,653	\$210,316	17%			
3.430	Birch Lake	\$114,832	\$141,329	\$10,000	\$39,067	(\$92,262)	\$49,067	288%			
3.440	Gilf Black Tam Wilk Amelia	\$2,700	\$10,062	\$30,000	\$50,000	\$69,938	\$80,000	13%			
3.450	Pleasant Charley Deep	\$3,542	\$19,331	\$10,000	\$9,000	(\$331)	\$19,000	102%			
3.460	Sucker Vadnais	\$0	\$3,164	\$12,000	\$10,000	\$18,836	\$22,000	14%			
3.48	Programs	_	_								
3.481	Landscape 1	\$4,256	\$19,610	\$24,000	\$11,500	\$15,890	\$35,500	55%			
3.482	Landscape 2	\$0		\$20,000	\$11,361	\$8,740	\$31,361	72%			
3.483	Project Research & feasibility	\$0		\$0	\$0	(\$9,725)	\$0	#DIV/0!			
3.470	Facilities Maintenance	\$773	\$895	\$5,000	\$29,176	\$33,281	\$34,176	3%			
3.5	Regulatory	_									
3.510	Engineer Plan review	\$0	\$0	\$2,000	\$0	\$2,000	\$2,000	0%			
	Total CIP & Program	\$143,999	\$344,518	\$293,000	\$373,695	\$322,177	\$666,695	52%			
	Total of Core Operations & CIP	\$189,014	\$778,176	\$909,000	\$455,495	\$586,319	\$1,364,495	57%			
				-							
Fund Balance		8/1/2020	9/1/2020		Restricted fun-	ds	9/1/2020				

Fund Balance	8/1/2020	9/1/2020
4M Account	\$168,274	\$183,689
4M Plus Savings	\$723,986	\$624,015
Total	\$892,260	\$807,704

Restricted funds	9/1/2020
Mitigation Savings	\$21,035
Term Series (3/28/19)	\$0

Vadnais Lake Area Water Management Orga Profit & Loss

11:47 AM 09/02/2020

August 15 through September 11, 2020

Cash Basis

g,	
	Aug 15 - Sep 11, 20
Ordinary Income/Expense	
Income	
5.1 · Income	
5.13 · Interest	31.74
Total 5.1 · Income	31.74
6.6.6 · Grants	5,330.13
Total Income	5,361.87
Gross Profit	5,361.87
Expense	
3.1 · Administrative/Operations	
3.110 · Office	
Copies	49.86
Phone/Internet/Machine Overhead	275.00
Postage	62.00
Rent	1,540.00
Total 3.110 · Office	1,926.86
3.120 · Information Systems	
IT Support	959.00
Total 3.120 · Information Systems	959.00
3.130 · Insurance	1,966.00
3.150 · Storm Sewer Utility	875.00
3.160 · Training (staff/board)	0.00
3.170 · Misc. & mileage	253.45
3.191 · Employee Payroll	
payroll	26,616.00
Total 3.191 · Employee Payroll	26,616.00
3.192 · Employer Liabilities	
Admin payroll processing	44.92
Administration FICA	1,843.71
Administration PERA	1,996.20
Insurance Benefit	3,760.57

Total 3.192 · Employer Liabilities	7,645.40
Total 3.1 · Administrative/Operations	40,241.71
3.2 · Monitoring and Studies	
3.210 · Lake & Creek lab analysis	3,793.00
Total 3.2 · Monitoring and Studies	3,793.00
3.3 · Education and Outreach	
3.310 · Public Education	20.81
3.330 · Community Blue Education Grant	960.00
Total 3.3 · Education and Outreach	980.81
3.4 · Capital Imp. Projects/Programs	
3.420 · Lambert Creek Restoration	
LL VLAWMO cash match	11,465.66
1 · LL grant \$302,679	5,330.13
Total 3.420 · Lambert Creek Restoration	16,795.79
3.425 · Goose Lake	1,100.00
3.430 · Birch Lake	
4th & Otter project	114,831.50
Total 3.430 · Birch Lake	114,831.50
3.440 · Gilfillan Black Tamarack Wilkin	2,699.99
3.450 · Pleasant Charley Deep	3,542.20
3.470 · Facilities & Maintenance	773.01
Total 3.4 · Capital Imp. Projects/Programs	139,742.49
3.48 · Programs	
3.481 · Landscape 1 - cost-share	4,256.42
Total 3.48 · Programs	4,256.42
Total Expense	189,014.43
Net Ordinary Income	-183,652.56
t Income	-183,652.56

Net Income

Vadnais Lake Area Water Management Organization Check Detail

8:04 AM 09/03/2020

August 15 through September 11, 2020

	Type N	lum	Date	Name	Item	Account	Paid Amount	Original Amount
	Check ef	ft	08/19/2020 Reliance S	tandard		Checking - 1987		-176.03
						Insurance Benefit	-176.03	176.03
TOTA	AL						-176.03	176.03
	Check 49	998	08/17/2020 Ceci Shapl	and		Checking - 1987		-960.00
						3.330 · Community Blue Education Grant	-960.00	960.00
TOTA	AL						-960.00	960.00
	Check 49	999	08/27/2020 Blackstone	Contractors LCC		Checking - 1987		-114,703.00
						4th & Otter project	-114,703.00	114,703.00
TOTA	AL						-114,703.00	114,703.00
	Check 50	000	09/11/2020 City of Vad	nais Heights		Checking - 1987		-1,926.86
						Rent	-1,540.00	1,540.00
						Phone/Internet/Machine Overhead	-200.00	200.00
						Phone/Internet/Machine Overhead	-75.00	75.00
						Postage	-62.00	62.00
						Copies	-49.86	49.86
TOTA	AL						-1,926.86	1,926.86
	Check 50	001	09/11/2020 League of	MN Cities Insurance Trust WC		Checking - 1987		-1,966.00
						3.130 · Insurance	-1,966.00	1,966.00
TOTA	AL						-1,966.00	1,966.00
	Check 50	002	09/11/2020 City Of Ros	seville		Checking - 1987		-959.00

	IT Support	-959.00	959.00
TOTAL		-959.00	959.00
Check 5003 09/11/2020 City of White Bear Lake	Checking - 1987		-34,085.37
	payroll	-26,616.00	26,616.00
	Administration FICA	-1,843.71	1,843.71
	Administration PERA	-1,996.20	1,996.20
	Insurance Benefit	-3,584.54	3,584.54
	Admin payroll processing	-44.92	44.92
TOTAL		-34,085.37	34,085.37
Check 5004 09/11/2020 Barr Engineering Co	Checking - 1987		-3,024.80
	3.450 · Pleasant Charley Deep	-3,024.80	3,024.80
TOTAL		-3,024.80	3,024.80
Check 5005 09/11/2020 Prairie Moon Nursery	Checking - 1987		0.00
TOTAL		0.00	0.00
Check 5006 09/11/2020 carp solutions	Checking - 1987		-517.40
	3.450 · Pleasant Charley Deep	-517.40	517.40
TOTAL		-517.40	517.40
Check 5007 09/11/2020 Ehlers & Associates, Inc.	Checking - 1987		-875.00
	3.150 · Storm Sewer Utility	-875.00	875.00
TOTAL		-875.00	875.00
Check 5008 09/11/2020 Regents of the University of Minnesota	Checking - 1987		-11,745.49

	1 · LL grant \$302,679	-5,330.13	5,330.13
	LL VLAWMO cash match	-6,415.36	6,415.36
TOTAL		-11,745.49	11,745.49
Check 5009 09/11/2020 SEH	Checking - 1987		-8,523.30
	3.470 · Facilities & Maintenance	-773.01	773.01
	LL VLAWMO cash match	-5,050.30	5,050.30
	3.440 · Gilfillan Black Tamarack Wilkin	-2,699.99	2,699.99
TOTAL		-8,523.30	8,523.30
Check 5010 09/11/2020 Hugo's Tree Care	Checking - 1987		-1,100.00
	3.425 · Goose Lake	-1,100.00	1,100.00
TOTAL		-1,100.00	1,100.00
Check 5011 09/11/2020 RMB Environmental Laboratories, Inc.	Checking - 1987		-3,793.00
	3.210 · Lake & Creek lab analysis	-1,160.00	1,160.00
	3.210 · Lake & Creek lab analysis	-605.00	605.00
	3.210 · Lake & Creek lab analysis	-246.00	246.00
	3.210 · Lake & Creek lab analysis	-1,173.00	1,173.00
	3.210 · Lake & Creek lab analysis	-468.00	468.00
	3.210 · Lake & Creek lab analysis	-141.00	141.00
TOTAL		-3,793.00	3,793.00
Check 5012 09/11/2020 Brian Corcoran	Checking - 1987		-132.24
	3.170 · Misc. & mileage	-132.24	132.24
TOTAL		-132.24	132.24
Check 5013 09/11/2020 Dawn Tanner	Checking - 1987		-43.70
	3.170 · Misc. & mileage	-43.70	43.70

TOTAL		-43.70	43.70
Check 5014 09/11/2020 Tyler J Thompson	Checking - 1987		-52.21
	3.170 · Misc. & mileage	-52.21	52.21
TOTAL		-52.21	52.21
Check 5015 09/11/2020 Nicholas Voss	Checking - 1987		-46.11
	3.170 · Misc. & mileage	-25.30	25.30
	3.310 · Public Education	-20.81	20.81
TOTAL		-46.11	46.11
Check 5016 09/11/2020 Ceci Shapland	Checking - 1987		-2,000.00
	3.481 · Landscape 1 - cost-share	-2,000.00	2,000.00
TOTAL		-2,000.00	2,000.00
Check 5017 09/11/2020 samantha crosby	Checking - 1987		-256.42
	3.481 · Landscape 1 - cost-share	-256.42	256.42
TOTAL		-256.42	256.42
Check 5018 09/11/2020 helen easton	Checking - 1987		-2,000.00
	3.481 · Landscape 1 - cost-share	-2,000.00	2,000.00
TOTAL		-2,000.00	2,000.00

Vadnais Lake Area Water Management Organization Custom Transaction Detail Report

July 1 through September 1, 2020

09/03/2020 Accrual Basis

8:07 AM

	Туре	Date	Num	Name	Memo	Account	Clr	Split	Amount	Balance
Jul 1 - Sep 1, 20										
	Credit Card Charge	07/03/2020		Google*SVCAPPS_VLAWM		US Bank CC	$\sqrt{}$	WEB	36.00	36.00
	Credit Card Charge	07/08/2020		Ace Hardware	Stakes for VH city hall	US Bank CC	$\sqrt{}$	3.470 · Facilities & Maintenance	27.99	63.99
	Credit Card Charge	07/09/2020		adobe *photography plan		US Bank CC	$\sqrt{}$	Software	9.99	73.98
	Credit Card Charge	07/15/2020		Prairie Moon Nursery	seed for VH city hall	US Bank CC	$\sqrt{}$	3.470 · Facilities & Maintenance	42.00	115.98
	Transfer	07/20/2020			Funds Transfer	US Bank CC	$\sqrt{}$	Checking - 1987	-231.79	-115.81
	Credit Card Charge	07/24/2020		hologram	account refill	US Bank CC	$\sqrt{}$	Software	30.00	-85.81
	Credit Card Charge	07/27/2020		University of Minnesota	project management training Dawn	US Bank CC	$\sqrt{}$	3.160 · Training (staff/board)	235.00	149.19
	Credit Card Charge	07/27/2020		Adobe "Creative Cloud		US Bank CC	$\sqrt{}$	Software	32.20	181.39
	Credit Card Charge	07/27/2020		Zoom	subscription	US Bank CC	$\sqrt{}$	Software	16.09	197.48
	Credit Card Charge	08/03/2020		${\sf Google*SVCAPPS_VLAWM}$		US Bank CC	$\sqrt{}$	WEB	36.00	233.48
	Credit Card Charge	08/26/2020		Prairie Moon Nursery	seed for VH city hall 4th & Otter	US Bank CC		4th & Otter project	128.50	361.98
Jul 1 - Sep 1, 20									361.98	361.98

I. Update on the East Mississippi Watershed Based Implementation Funding

VLAWMO staff have been actively involved in discussion with the other watersheds/WMOs SWCD's, Counties and Cities located in the Mississippi East watershed (See map) for the purpose of distributing the Board of Water and Soil Resources (BWSR) Watershed-based Implementation Funding. After much discussions, the Mississippi East watersheds/WMO's are recommending to BWSR that the funding be allocated equally among the seven watersheds /WMO's which would mean apx. \$93,000 for implementation of activities in the their State approved watershed management plans. If this recommendation is ultimately approved by BWSR, VLAWMO Staff would anticipate that this grant funding would be targeted to implement activities identified in the Wilkinson Lake Feasibility study or for implementation practices within the within the Goose Lake subwatershed. Timing to spend the grant funding would be 2021-2023. Staff hopes to provide the TEC with an update on the BWSR approved grant allocation to VLAWMO later in the year.

Twin Cities Metro Area Allocation Map for the Watershed-based Implementation Funding Program





Vadnais Lake Area Water Management Organization 800 County Road E East Vadnais Heights, MN 55127 www.vlawmo.org (651) 204-6071

LANDSCAPE LEVEL 1 GRANT APPLICATION FORM

Please submit form and required materials to: TYLER THOMPSON tyler.thompson@vlawmo.org

Please fill in the application as best as possible and use additional pages if necessary. Refer to the Grant Guidance document for further information or contact Tyler Thompson with any questions.

APPLICANT INFORMATION
NAME: Greg + Judy Lissick DATE: 8/25/2020
ADDRESS: 4276 Greenhaven Ct. CITY: Vadrais Hgts ZIP: 55127
PHONE: 6/2-8/7-6874 EMAIL: jlissick agmail. com
PROJECT SUMMARY
estimated total cost of your project: \$ 5000 and amount of grant requested: (\$2,000 maximum) \$ 2000
WHEN DO YOU PLAN TO COMPLETE YOUR PROJECT?
Phase 2 will start full 2020 of more planting in Spring 2021 TYPE OF PROJECT THAT WILL BE COMPLETED:
Raingarden/ Shoreline Native Plant Infiltration Basin Restoration Other
If other, please describe proposed project:
PROJECT BACKGROUND
Describe your property: Does your property connect to a lake, stream, ditch, or wetland? What issues are you hoping to address with your project? We have apple 1.5 acres that backup to a wetland. The past 5+ jews we have been waked on buchthan removal + other invasive species, we have now hired a leavegical land scape company to help us with native planting restoration to such acres species for with life habitat. * Improve water quality of wetland, using Curb land as a buffer fulter.
information). After removing invasine species, we are restring the land with hative plantings in clied in a her baccours buffer to the adjacent welland in the each instance in proving water quality
improviz wild life habitut. We have signed up for 3 years of wanterance on our project to ensure native planting, get were established & the project goals are net.

PROJECT SPECIFICATIONS

In order to determine the water quality benefit of your project (amount of stormwater and pollutants captured), specific information is required for VLAWMO staff to perform the calculations. If you are working with a professional landscaper, they should be able to provide you with this information.

TOTAL PROPERTY AREA		PROJECT SIZE		
(SQ.FT):	1.13 acres	(SQ.FT.):	13,000 sq. ft.	
IMPERVIOUS AREA		PERVIOUS AREA		
DRAINING TO PROJECT		DRAINING TO		
(SQ.FT.):	N/A	PROJECT (SQ.FT.)	: N/A	
IF YOUR PROJECT INCLUE	DES INFILTRATION, P LEASE PR	OVIDE THE FOLLOWING	INFORMATION	
SOIL INFILTRATION		DEPTH OF RAINGARDS	EN	
RATE (INCHES/HR):		(INCHES	S):	

ADDITIONAL REQUIRED MATERIALS

Include a detailed drawing and budget for your project compiled by either yourself or your contractor that provides information for how the project will be installed, lists the materials that will be purchased (see guidance regarding what can be included as part of the grant program) and a list of the plants that will be used. Native restoration projects are required to use ONLY plants that are native to this ecoregion. All other projects must include AT LEAST 50% native plants. Hybrids of native plants will not count towards this requirement. **This information may be scanned and emailed to VLAWMO GIS Watershed Technician, Tyler Thompson (tyler.thompson@vlawmo.org)**



CONTRACT AGREEMENT

This AGREEMENT is made as of the 12th day of August, in the year 2020, by and between the following parties, for services in connection with the PROJECT identified herein:

Judy Lissick		
CONTACT	PROJECT	
Vandais Heights, MN 55127	St. Paul. MN 55114	
4276 Greenhaven Ct.	670 Vandalia St.	
Judy čissick	candonidge Ecological	
OWNER/REPRESENTATIVE	CONTRACTOR	

OWNER/REPRESENTATIVE This contract governs the rights and responsibilities of LANDBRIDGE ECOLOGICAL (hereafter referred to as LANDBRIDGE) and Judy Lissick (hereafter referred to as OWNER/REPRESENTATIVE + Lissick), where LANDBRIDGE has been retained to perform services for the contracting party. By signing below, the OWNER/REPRESENTATIVE is attesting that she is fully authorized by the landowner to enter into such an agreement.

SCOPE OF SERVICES LANDSKIDGE will perform the following professional design and construction services to the property and provide all material, equipment, tools and labor, necessary to complete the WORK described herein, including the following:

	UNIT	COST/UNIT	TOTAL COST
Project setup/mobilization	LS	\$525.00	\$525.00
Herbicide applications	EA	\$385.00	\$770.00
Site preparation	LS	\$492.00	\$492.00
Woodland Seed	LS	\$455.00	\$455.00
Seeding	LS	\$175.00	\$175.00
2" plugs installed (600)	EA	\$2.75	\$1650.00
4" pots installed (108)	EA	\$7.00	\$756.00
		TOTAL	\$4823.00

SCHEDULE OF PAYMENTS The OWNER/REPRESENTATIVE agrees to pay LANDBRIDGE for professional and construction services as follows:

- Work-in-progress shall be invoiced on a monthly basis. Terms of payment shall be net 30 days. The OWNER acknowledges that non-payment of fees owed under this agreement will result in a mechanics lien being placed on the property upon which the project is located.

LIMITATION OF LIABILITY The OWNER shall indemnify LANDBRIDGE and hold it harmless from and against any loss, claims, liabilities, damages and costs, including reasonable attorney's fees, related to the PROJECT or the performance of their services pursuant to this AGREEMENT, unless caused by the negligence of LANDBRIDGE, its agents or employees.

ENTIRE AGREEMENT This AGREEMENT represents the entire agreement and understanding of the parties hereto with respect to the subject matter of this AGREEMENT, and it supersedes all prior and concurrent agreements, understandings, promises or representations, whether written or oral, made by either party to the other concerning such subject matter. This AGREEMENT may be amended only in a written document signed by both parties.

INSURANCE LANDBRIDGE agrees to maintain during the term of this contract the following insurance: Workers Compensation Insurance, Commercial General Liability (with coverage no more restrictive that that provided for by standard ISO Form CG 00 01 11 88 or CG 00 01 10 93 with standard exclusions "a" through "n") with a minimum limit of \$1,000,000.00 per occurrence and \$2,000,000.00 in the aggregate for bodily injury and property damages, the limit specified may be satisfied with a combination of primary and Umbrella/Excess Insurance.

COMPLETION All parties agree the work for this PROJECT will be performed by 12/31/2020 with several intermediate completion dates unless circumstances beyond LANDBRIDGE's control prevent LANDBRIDGE from completing the PROJECT.

Landbridge Ecological, LLC Tory Christensen, OWNER 670 Vandalia St. St. Paul, MN 55114 612-503-4420 tory@landbridge.eco

Lissick Residence
OWNER/REPRESENTATIVE
4276 Greenhaven Ct.
Vandais Heights, MN 55127
jlissick@gmail.com
612.817.6874





BID PROPOSAL

To: Judy Lissick Contact: Erin O'Leary

Address: 4276 Greenhaven Ct. Vandis Heights, MN 55127 Phone: 612.503.4472

Email: erin@landbridge.eco

Project Name: Lissick Phase II Woodland Planting

Project Location: Vandis Heights, MN Bid Date: 08.11.2020

Item#	Item Description	Unit	Est Qty	ı	Jnit Price	Т	otal Price
Installation	n Costs						
1	Project Setup/Mobilization	LS	1	\$	525.00	\$	525.00
2	Herbicide Applications	EA	2	\$	385.00	\$	770.00
3	Site Preparation	LS	1	\$	492.00	\$	492.00
4	Woodland Seed	LS	1	\$	455.00	\$	455.00
5	Seeding	LS	1	\$	175.00	\$	175.00
6	2" Plugs Installed (recommended qty 500-800)	EA	600	\$	2.75	\$	1,650.00
7	4" pots Installed (recommended qty 100-200)	EA	108	\$	7.00	\$	756.00
		TOTAL	BASE BID	:		\$	4,823.00
Manageme	nt Costs	TOTAL	BASE BID	:		\$	4,823.00
Manageme	nt Costs Germination Year - Full Site Mowing	TOTAL	BASE BID	\$	773.00	\$	4,823.00 1,546.00
		TOTAL			773.00 870.00	·	
9	Germination Year - Full Site Mowing	TOTAL	2	\$		\$	1,546.00
9	Germination Year - Full Site Mowing Year Two - 3 IPM visits	TOTAL	2 3	\$ \$	870.00	\$	1,546.00 2,610.00

(1) 2 gal

20

\$

...---

Optional Plant Enhancements

2 gallon shrubs Installed (recommended qty 20)

ota

700.00

35.00





Vadnais Lake Area Water Management Organization 800 County Road E East Vadnais Heights, MN 55127 www.vlawmo.org (651) 204-6071

LANDSCAPE LEVEL 1 GRANT APPLICATION FORM

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Please fill in the application as best as possible and use additional pages if necessary. Refer to the Grant Guidance document for further information or contact Tyler Thompson with any questions.

		APPLICAN	IT INFORMATION			
NAME: Janelle and Dan Green			DATE: 8/12/2020			
ADDRESS: 611 Westfiel	d Lane		CITY: Vadnais Heig	ghts	ZIP: <u>55127</u>	
PHONE: 612-210-7452	2	EMAIL	janelle.t.green@g	mail.com		
		PROJE	CT SUMMARY			
ESTIMATED TOTAL COST OF YOUR PROJECT:	\$3199.78		AMOUNT OF GRANT RE (\$2,000	QUESTED: MAXIMUM)	\$2000	
WHEN DO YOU PLAN TO CO	OMPLETE YOUR PR	ROJECT?			Fall 2020	
TYPE OF PROJECT THAT WIRE Raingarden/ Infiltration Basin	ILL BE COMPLETE Shoreline Restoration	D:	Native Plant Restoration		Other 🔽	
If other, please describe proposed project:		No mow	lawn replacement			
PROJECT BACKGROUND						
Describe your property: Does your property connect to a lake, stream, ditch, or wetland? What issues are you hoping to address with your project? Our property is within the Greenhaven Wetland Complex in Vadnais Heights, with a Freshwaster Emergent wetland directly across the street. We are in the Lambert Creek drainage area and subwatershed. Our home is on the corner of Westfield Ln. and Greenhaven Dr., with a large front- and side-yard footprint adjacent to the street. The majority of that footprint is grass. We would like to replace all of our existing grass with no mow fescue, which requires very little watering, fertilizer, or weed control - and of course, very little mowing.						
Describe how your project Information). We are passionate about the *Reduce our mowing to one specially important for a late *Keep our lawn healthy with *Control weeds without restambert Creek in stormwate	ne environment and ally twice a year, wharge corner lot thout having to wate sorting to sprays that	d our local ha ich will keep er it in the di	abitats, and this project w grass clippings out of the y months or use fertilizer	rill help us to e street and	:	

PROJECT SPECIFICATIONS

In order to determine the water quality benefit of your project (amount of stormwater and pollutants captured), specific information is required for VLAWMO staff to perform the calculations. If you are working with a professional landscaper, they should be able to provide you with this information.

TOTAL PROPERTY AREA		PROJECT SIZE	
(SQ.FT):	17,000	(SQ.FT.):	9,500
IMPERVIOUS AREA		PERVIOUS AREA	
DRAINING TO PROJECT		DRAINING TO	
(SQ.FT.):	N/A	PROJECT (SQ.FT.	^{):} N/A
IF YOUR PROJECT INCLUE	DES INFILTRATION, P LEASE PI	ROVIDE THE FOLLOWING	GINFORMATION
SOIL INFILTRATION		DEPTH OF RAINGARD	EN
RATE (INCHES/HR):		(INCHES	S):

ADDITIONAL REQUIRED MATERIALS

Include a detailed drawing and budget for your project compiled by either yourself or your contractor that provides information for how the project will be installed, lists the materials that will be purchased (see guidance regarding what can be included as part of the grant program) and a list of the plants that will be used. Native restoration projects are required to use ONLY plants that are native to this ecoregion. All other projects must include AT LEAST 50% native plants. Hybrids of native plants will not count towards this requirement. **This information may be scanned and emailed to VLAWMO GIS Watershed Technician, Tyler Thompson (tyler.thompson@vlawmo.org)**

Estimate Summary

11571 K- Tel Drive Minnetonka Mn 55343 www.rainbowlawncare.com • (952) 922-3810

A Personalized Proposal for the Green Family Located at:

Janelle Green 611 Westfield Ln Vadnais Heights, MN 55127

(612) 210-7452 janelle.t.green@gmail.com Source: Internet Search Proposal By: Anthony King

Account Number: 20676 Date: 07/31/2020

SERVICES	PRICE
Hydroseed - Fall No mow install. Whole lawn. Harley rake whole area and level. Spray with hydroseed.	\$2,605.00
Round Up 1st application prior to seeding. Whole lawn. Dont spray the backyard and existing No Mow around front garden bed.	\$250.00
Round Up 2nd application prior to seeding. Whole lawn. Dont spray the backyard and existing No Mow around front garden bed.	\$125.00

#20676 Janelle Green 6	11 Westfield Vadnais Heights MN 55127
	Subtotal \$2,980.00
	Sales Tax \$219.78
	Total Service \$3,199.78
	We accept:
	DISCOVER

