

## VLAWMO TECHNICAL COMMISSION MEETING

7:30 AM March 12<sup>th</sup>, 2021

Meeting will be held by Zoom teleconference. Meeting link:

<https://us02web.zoom.us/j/82609413241?pwd=Oy9rcURGb2VPdjB4UkV3VDVyWHA2UT09>

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 (February 12<sup>th</sup>, 2021)
- IV. Administration & Operations
  - A. Financial Report for March & authorization for Payment – Phil ✈
  - B. Update on Legal Counsel Services – Phil
- V. Programs
  - A. Education & Outreach – Nick
    - 1. Community Blue updates: Rainbarrel, “Upstream”
  - B. Cost Share Program – Tyler
    - 1. Soil Health Grant Application: Tessem SHG 2021-02 ✈
- VI. Projects
  - A. Lambert Lake update - Dawn
  - B. 319 update, Nine Key Element (NKE) Document – Dawn
  - C. Community-Engaged Learning Spring Semester – Dawn
  - D. Pleasant Lake planning for 2021 – Dawn
  - E. Swan Update at Sucker Channel – Dawn
  - F. Update on East Goose ALM – Phil
- VII. Commissioner Reports
- VIII. NOHOA
- IX. Ramsey Soil & Water Conservation Division
- X. St. Paul Regional Water Services
- XI. Public Comment
- XII. Next Meetings: TEC: April 9<sup>th</sup>, Regular Board Meeting: April 28<sup>th</sup>, 2021
- XIII. Adjourn

**Upcoming Events:** [vlawmo.org/events](http://vlawmo.org/events)

Field Workdays (CEL): March 12, 19, 26

Volunteer (WAV) meeting: March 17<sup>th</sup>

AIS Detectors Training: March 30<sup>th</sup>

Blue Thumb workshops:

Bee Lawns: March 24<sup>th</sup>

Resilient Yards: April 6<sup>th</sup>



The Vadnais Lake Area Water Management Organization  
800 County Road E East, Vadnais Heights, 55127 651-204-6070  
Website: [www.vlawmo.org](http://www.vlawmo.org); Email: [office@vlawmo.org](mailto:office@vlawmo.org)

Vadnais Lake Area Water Management Organization  
Technical Commission Minutes  
February 12, 2021

Zoom Teleconference Open Meeting:

<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	Vice Chair, Vadnais Heights (VH)
Bob Larson	Treasurer, North Oaks (NO)
Paul Duxbury	White Bear Township (WBT)
Andy Nelson	Lino Lakes (LL)
Terry Huntrods	White Bear Lake (WBL)

**Commission Members Absent:** none.

**Others in attendance:** Phil Belfiori, Brian Corcoran, Dawn Tanner, Nick Voss, Tyler Thompson (VLAWMO); Gary Eagles (North Oaks Company), Justin Townsend (RCSWCD), Ed Shapland, Sara?, Jeremy Erickson, Katy Thompson, Patricia Orud, Connie Tailon.

- I. **Call to Order** Chair Tessier called the meeting to order at 7:30 am. A roll call was made for attending Commissioners of the electronic meeting: Farrell: present Larson: present Duxbury: present Huntrods: present Nelson: present Tessier: present.
- II. **Approval of Agenda**  
The agenda for the February 12, 2021 Technical Commission Meeting was presented for approval. Tanner requested an action item on It was moved by Larson and seconded by Duxbury to approve the February 12, 2021 TEC agenda, as presented. Vote: Tessier: aye Larson: aye Duxbury: aye Nelson: aye Huntrods: aye. Motion passed.
- III. **Approval of Minutes**  
It was moved by Huntrods and seconded by Tessier to approve the January 8, 2021 meeting minutes, as presented. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.
- IV. **Administration & Operations**
  - A. **Financial Report for February & Authorization for Payment**  
Belfiori overviewed highlights of the February Finance Report and bills. Belfiori reviewed these with Treasurer Larson before the meeting.  
  
It was moved by Farrell and seconded by Larson to approve the February Treasurer's Report and authorization of payments. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.
  - B. **February TEC Report to the Board**  
Belfiori presented the February 2021 TEC Report to the Board, specifically the Lambert Lake project, continued ditch maintenance, and VLAWMO programs.  
  
It was moved by Duxbury and seconded by Huntrods to approve the February 2021 TEC Report to the Board. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**C. Update Engineering Services Proposal**

Belfiori discussed that the 2021 Request For Proposal (RFP) for VLAWMO engineering services was issued in January, soliciting bids for engineering services for 2021 & 2022, pursuant to MN Statute 103B.227. An official notice was posted on the MN League of Cities website, within the VH & WBL Press Publications January 6 & 13<sup>th</sup> editions, on the VLAWMO website, and on the VLAWMO office door. Six proposals were received, and staff reviewed and audited each for content requested in the RFP. Staff brought their recommendations to the February 10<sup>th</sup> Policy & Personnel Committee, and a recommendation for Engineer selection will be brought to the VLAWMO Board at their Feb. 24<sup>th</sup> meeting. Belfiori also mentioned that a RFP for legal counsel services has been posted for 2021 & 2022, as well.

**D. WCA – Island Field Replacement Plan**

Corcoran presented the Island Field Replacement Plan in North Oaks. The plan has been reviewed and approved by the TEP. Staff is recommending the TEC recommend approval to the VLAWMO Board.

**Discussion:** Tessier asked what the current land use is, as far as the site. Eagles answered about the current site being an old deer farm and is now a hay crop.

It was moved by Huntrods and seconded by Farrell to recommend approval of the Island Field Replacement Plan to the Board. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**V. Programs**

**A. Education & Outreach**

**1. 2020 graphs preview**

Voss previewed several graphs illustrating the 2020 lake sampling data that will accompany the 2020 water monitoring report. These graphs will be interchangeable with the 2020 annual report.

Upcoming spring 2020 events:

- Cost Share open house: Feb 23<sup>rd</sup>
- WAV planning meeting: March 17<sup>th</sup>
- AIS detectors training: March 30<sup>th</sup>

**2. 2020 Annual Report update**

The 2020 Annual Report is underway, with staff reviews complete. The draft Report will be brought to the February Board meeting, pending input of the 2020 audit for final financial information. An additional 2020 water monitoring report will accompany the full Report.

**B. Cost Share Program**

**1. 2020 Landscape Level 1 Grant Extensions**

Thompson overviewed that there are 5 2020 LL1 grants that have yet to be completed, with 2 of them nearing their grant expiration dates for project completion. The other 3 were approved near the end of 2020 and are anticipated to be completed before their construction deadlines. This is a fairly normal occurrence with projects being delayed for multiple reasons. **Staff is requesting the TEC extend the project completion and closeout deadlines for grants LL1 2020-02 & LL1 2020-04 to September 30<sup>th</sup>, 2021.**

It was moved by Larson and seconded by Huntrods to grant extension deadlines for grants LL1 2020-02 & 2020-04 to September 30<sup>th</sup>, 2021. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**2. Soil Health Grant: Smith SHG 2021-1**

Staff has received its first Cost Share grant application for 2021 for a Soil Health Grant (attached in ePacket). The applicants received a prior Landscape Level 1 grant in 2019, which is closed and is in good standing. The Smiths' property is located within the Targeted Habitat Priority Zone (THPZ) and their application proposes turning their back lawn from turf into a bee/pollinator lawn, with sand & rock soil amendments, native seed mix from Mother Earth Gardens, and planting of 5 native Winterberry shrubs. The applicants will be performing the work themselves and have included rental costs for a sod cutter and skid steer from White Bear Rental. Their total estimated project is \$1,120, and they are requesting \$840 in Soil Health Grant funds (requests up to \$1,000 are allowable for Targeted Priority Zones. **Staff has reviewed and revised the Soil Health Grant application with the applicant, with clarifications, and is recommending approval of SHG 2021-1 in the amount of \$840.**

It was moved by Duxbury and seconded by Larson to approve Soil Health Grant 2021-1 for approval and funding in the amount of \$840. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**VI. Projects**

**A. Lambert Lake Update**

Tanner updated that while construction is on pause this week due to the extreme cold, though it will begin again as soon as they are able. The construction completion deadline is March 1<sup>st</sup>, so a few weeks left to go. Tanner updated regarding the UMN biochar project. The project has been delayed for several reasons, though draft plans and specs have been provided. To finish the plans for construction, SEH is recommended to complete the designs. Staff has been working with the MPCA for updating plans going forward with the current grant project.

**B. Phragmites check and update**

Tanner updated that a site off of Cty Rd F has been confirmed to be invasive, though the other sites were confirmed to be native species. The landowner has signed a cooperative agreement and has been super helpful for allowing access for treatment and taking care of the invasive patch, going into 2021.

**C. 319 update**

Staff has received approval from the MPCA on VLAWMO's Nine Key Element (NKE) plan document that allows application for funding during our priority small watershed round coming up, spring 2021. Approval is underway with the EPA. Barr Engineering is working with North Oaks Company to develop a batch of projects and a phasing plan for the first two rounds of the grant program. The MPCA has updated their website to give information on 319 small watershed grants. **Staff requests support from the TEC to bring the NKE forward to the Board as part of the regular Feb. meeting and to continue to consider a suite of projects for the first-round, 319 priority small-watershed proposal at the April regular Board meeting.**

It was moved by Farrell and seconded by Larson to recommend approval of the 319 NKE to the VLAWMO Board at their February 24<sup>th</sup> meeting. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**D. Community-Engaged Learning Spring Semester**

Tanner updated that there are 7 students so far that have signed on for Community-Engaged learning in 2021. The group will focus on the City Hall and Vadnais-Sucker Park area, working throughout the season. Staff appreciates the time and efforts put in by the students.

**E. Pleasant Lake planning for 2021**

Tanner updated that WSB has submitted a proposal to provide assistance to VLAWMO during 2021 and for carp removal facilitation in the fall, with project and itemized detail. The proposal, and staff recommends allocating \$20,572 for carp removal with WSB help. This recommendation is contingent upon the amount of partner funding contribution. VLAWMO has \$3,884.60 in remaining funds from Carp Solution work in 2020, along with SPRWS-allocated funds. Staff also seeks support and recommendation of the Board for these works.

It was moved by Larson and seconded by Huntrods to recommend approval to the VLAWMO Board for allocating \$20,572 for a contract with WSB for carp work, along with \$3,510-\$5,000 for working with NOHOA for curly-leaf pondweed treatment in the west bay of Pleasant Lake. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

**F. Swan Update at Sucker Channel**

Tanner updated on the swan lead poisoning situation within the watershed, as deaths are still being reported as in 2020. The Minnesota House & Senate have bills in the state congress for phasing out lead sinkers and tackle to reduce wildlife lead poisoning.

**G. Update on East Goose Adaptive Lake Management (ALM) Engagement process**

Belfiori updated on progress of the East Goose ALM engagement, along with staff review and processing of submitted feedback forms from landowners on the Lake. A community engagement survey has also been released, and information collected from this will be included in an engagement report. A website is being developed to host resources and information for the ALM program.

**H. 2021-2023 BWSR Watershed Base Implementation Fund Grant (WBIF)**

Thompson updated that the WBIF BWSR grant process is moving along, with VLAWMO's funding request being approved by BWSR, and staff has completed and submitted the grant Work Plan for review and approval by BWSR. Staff anticipates bringing the Work Plan to the February Board meeting for approval. The Grant Agreement will need to be approved and executed by April 30<sup>th</sup>.

**VII. Commissioner Reports:**

None.

**VIII. NOHOA**

Orud updated that NOHOA now has a contract with PWF consulting for completing a master plan for environmental resources for NOHOA and North Oaks.

**IX. Ramsey Soil & Water Conservation Division (RCSWCD) Report**

Townsend updated on various County projects within the Watershed, and upcoming 2021 projects.

**X. St. Paul Regional Water Service (SPRWS) Report**

Erickson updated that the SPRWS continues to move forward with the plant update, which will eventually be a pilot plant water treatment plant.

**XI. Public Comment**

None.

**XII. Next Meetings**

TEC: March 12<sup>th</sup>, 2021; Board: February 24<sup>th</sup>, 2021

**XII. Adjourn**

It was moved by Farrell and seconded by Huntrods to adjourn at 8:48 am. Vote: Tessier: aye Farrell: aye Larson: aye Duxbury: aye Nelson: aye. Motion passed.

Minutes compiled and submitted by Tyler Thompson.

## TEC Staff Memo – March 2021

### IV. Administration & Operations

#### A. Financial Report for March & authorization for Payment.

Please find the March 2021 Finance Report attached in the ePacket.

#### B. Update Legal Counsel Proposals

Pursuant to Minnesota Statute 103B, staff noticed and advertised a Request for Proposal (RFP) for legal services for 2021 and 2022. The purpose of the program is to provide general legal and related services by a qualified law firm in circumstances when needed. The advertisement for the RFP was placed in the LMC marketplace from Feb. 16-24 in the White Bear Press on the week of Feb. 8 and 15, noticed at the offices and place on the VLAWMO web page. Closing date to receive proposals was Feb. 24, 2021. Staff will bring an update on this selection process at a future TEC meeting.

### V. Programs

#### A. Education and Outreach:

##### 1. Community Blue: Programming updates

###### Rainbarrel programming update:

A rainbarrel education program was approved under Community Blue at the April 10, 2020 TEC meeting. This program was applied for by Katherine Doll-Kanne in cooperation with the Master Water Steward program capstone project, a project required under the program. Due to COVID-19, this program was modified into an online workshop. With these adjustments the program had \$727.55 in unused funds. The issued check for these funds has been returned to VLAWMO uncashed. Four rainbarrels were also left over unclaimed at the end of the program. VLAWMO staff Nick Voss and Katherine Doll-Kanne aspired to continue rainbarrel programming for 2021, established at the October, 2020 Watershed Action Volunteers (WAV) planning meeting. A new rainbarrel program application will be brought to TEC in April or May, 2021 to accommodate for COVID-19 safety precautions, and will utilize the four remaining rainbarrels carried over from 2020.

###### Upstream programming update:

“Upstream” was first approved as a Community Blue application at the February 26, 2020 VLAWMO Board of Directors meeting. Due to COVID-19, the project was postponed until 2021, and this was officially recognized at the April 22, 2020 VLAWMO Board of Directors meeting. In this timeframe between the February and April, 2020 BOD meetings, payment #1 was issued according to the grant agreement at that time. The April 22, 2020 grant amendment provided that this payment #1 (\$5,407) was to be retained until 2021 in conjunction with a renovated application that adjust and adapts the project for COVID-19 safety accommodations. A new project vision and scope has been drafted with COVID precautions in place, and this application will be presented at the April, 2021 TEC meeting.

## **B. Cost Share Program**

### **1. Soil Health Grant: Tessem SHG 2021-02**

Staff has received its second Cost Share grant application for 2021 for a Soil Health Grant (attached in ePacket). The applicant had Tyler out for a site visit in 2020 for planning and interest in a prairie restoration on their 2 acre property, on the border of the Sucker-Vadnais wetland, also adjacent to the Targeted Habitat Priority Zone. The Tessems are proposing restoration of 10,000 square feet of native prairie with Pollinator Grass & Wildflower Mix. This will also have the benefit of filtering and reducing runoff to a storm drain outlet that's tributary to the wetland. The applicant will be hiring a contractor for skid steer work, but will be completing the rest of the labor themselves. Their total estimated project cost is \$1,750, and they are requesting \$1,000 in Soil Health Grant funds (requests up to \$1,000 are allowable for Targeted Priority Zones). Staff recognizes that although the property is just outside of the THPZ, this is a worthy opportunity to fund and support efforts where VLAWMO is also partnering on improvements with the Great River Greening grant. **Staff has reviewed the Soil Health Grant application, with no recommended revisions and is recommending approval of SHG 2021-02 in the amount of \$1,000.00.**

## **VI. Projects**

### **A. Lambert Lake update**

Major construction work has been completed. The meander was brought online and sheetpile replacement completed at the end of February. Vegetation restoration will continue into the spring, with substantial completion by June 1. The Star Tribune ran an article about the meander and sheetpile project on February 16.

The biochar portion of the project has made progress since the last TEC meeting. At the advice of VLAWMO legal counsel and with direction from the Board, VLAWMO terminated the contract with the UMN and sent a letter stating that, along with a refusal to pay the outstanding invoice that has been on hold since October 2020. A Supplemental Letter Agreement is now signed with SEH to complete design and permitting for an in-ground biochar filter. An MPCA change order to shift from biochar floating fingers to an in-ground filter has been formally approved and completed. With those steps completed and groundwork in place, biochar work is able to resume.

### **B. 319 update**

The Board authorized sending the Nine Key Element (NKE) Document to the EPA for approval at the regular Board meeting in February. Barr Engineering, working closely with North Oaks Company, is continuing to develop a first batch of projects and a phasing plan for the first two rounds of the grant program.

### **C. Community-Engaged Learning Spring Semester**

Seven students are working with us this semester. We started our workdays at City Hall on February 26 with a short session from 2:00-4:00 pm. We were able to bring the large piles from last fall's buckthorn cutting effort up the hill and staged them for the chipper. The City is



planning to bring the chipper over on March 5. We'll continue to bring up a couple of piles that still remain and continue cutting and treating. An especially big "thank you" to Bob Larson and Susan Miller for all of their work on past workdays cutting and piling large buckthorn at this site.

#### **D. Pleasant Lake planning for 2021**

During the February regular Board meeting, the Board authorized proceeding with WSB for carp control and partnering with NOHOA for a Curly-leaf pondweed demonstration control project in the west bay of Pleasant Lake. Partners have been notified, and plans are moving forward to complete these projects during 2021.

#### **E. Swan Update at Sucker Channel**

Trumpeter swans have continued to die at Sucker Channel, of presumed lead poisoning, as they have in past years during this same time period. The total including 2019-2021 is 21 swan deaths (5 during 2021), 10 have been tested, and 1 does not yet have final results. All completed testing has confirmed lead poisoning.

Proposed legislation has continued to advance and is planned for inclusion in the House wildlife omnibus bill. The Star Tribune ran two articles during February (Feb. 6 and Feb. 24) that included swan deaths and lead poisoning at Sucker Channel. VLAWMO staff have been coordinating with Ramsey County Parks/SWCD to put up new no-lead and no-feeding signs. Signs will be posted in the coming weeks.

#### **F. Update on East Goose Adaptive Lake Management (ALM) Engagement process**

The City of White Bear Lake and VLAWMO have assembled a new web hub for the adaptive lake management process. This web hub will be a primary source of information and updates. It contains relevant project spotlights, descriptions of each part of the adaptive lake management process, and background information. Visit the web hub online at: [www.vlawmo.org/eastgooselakeAM](http://www.vlawmo.org/eastgooselakeAM)



## March 2021 VLAWMO Finance Report

March-21		Actual 3/1/21	Actual to Date	2021 Budget	2020 carry over/Grants	Remaining in Budget	2021 Available	Act vs. Budget
<b>BUDGET #</b>	<b>INCOME</b>							
<b>5.11</b>	Storm Water Utility	\$0	\$20,739	\$935,340	\$0	\$914,601	\$935,340	2%
<b>5.12</b>	Service Fees	\$0	\$0	\$200	\$0	\$200	\$200	0%
<b>5.13</b>	Interest + mitigation acct	\$20	\$66	\$3,000	\$0	\$2,934	\$3,000	2%
<b>5.14</b>	Misc. income - WCA admin & other	\$0	\$0	\$3,000	\$0	\$3,000	\$3,000	0%
<b>5.15</b>	Other Income Grants/ <u>loan</u>	\$0	\$0	\$894,679	\$0	\$894,679	\$894,679	0%
<b>5.16</b>	Transfer from reserves	\$0	\$0	\$192,840	\$14,000	\$206,840	\$206,840	0%
	<b>TOTAL</b>	<b>\$20</b>	<b>\$20,805</b>	<b>\$2,029,059</b>	<b>\$14,000</b>	<b>\$2,022,254</b>	<b>\$2,043,059</b>	<b>1%</b>
	<b>EXPENSES</b>							
<b>3.1</b>	<b>Operations &amp; Administration</b>							
<b>3.110</b>	Office - rent, copies, post tel supplies	\$1,964	\$5,981	\$26,214	\$0	\$20,233	\$26,214	23%
<b>3.120</b>	Information Systems	\$1,204	\$3,823	\$22,365	\$4,000	\$22,542	\$26,365	15%
<b>3.130</b>	Insurance	\$0	\$0	\$7,000	\$0	\$7,000	\$7,000	0%
<b>3.141</b>	Consulting - Audit	\$4,725	\$4,725	\$7,728	\$0	\$3,003	\$7,728	61%
<b>3.142</b>	Consulting - Bookkeeping	\$0	\$0	\$1,500	\$0	\$1,500	\$1,500	0%
<b>3.143</b>	Consulting - Legal	\$0	\$398	\$4,000	\$0	\$3,602	\$4,000	10%
<b>3.144</b>	Consulting - Eng. & Tech.	\$0	\$0	\$30,000	\$0	\$30,000	\$30,000	0%
<b>3.150</b>	Storm Sewer Utility	\$0	\$4,686	\$13,000	\$0	\$8,314	\$13,000	36%
<b>3.160</b>	Training (staff/board)	\$0	\$0	\$8,750	\$0	\$8,750	\$8,750	0%
<b>3.170</b>	Misc. & mileage	\$306	\$768	\$6,300	\$0	\$5,532	\$6,300	12%
<b>3.191</b>	Administration - staff	\$28,439	\$81,671	\$370,307	\$0	\$288,636	\$370,307	22%
<b>3.192</b>	Employer Liability	\$8,782	\$24,969	\$102,376	\$10,000	\$87,407	\$112,376	22%
<b>3.2</b>	<b>Monitoring and Studies</b>							
<b>3.210</b>	Lake and Creek lab analysis	\$0	\$0	\$18,000	\$0	\$18,000	\$18,000	0%
<b>3.220</b>	Equipment	\$0	\$78	\$3,000	\$0	\$2,922	\$3,000	3%
<b>3.230</b>	Wetland assessment & management	\$0	\$0	\$0	\$0	\$0	\$0	#DIV/0!
<b>3.3</b>	<b>Education and Outreach</b>							
<b>3.310</b>	Public Education	\$0	\$2,000	\$8,500	\$0	\$6,500	\$8,500	24%
<b>3.320</b>	Marketing	\$0	\$260	\$7,500	\$0	\$7,240	\$7,500	3%
<b>3.330</b>	Community Blue Ed Grant	\$0	\$0	\$10,000	(\$4,500)	\$5,500	\$5,500	0%
<i>Total Core functions: Ops, Monitoring, Education</i>		<i>\$45,421</i>	<i>\$129,359</i>	<i>\$646,540</i>	<i>\$9,500</i>	<i>\$526,681</i>	<i>\$656,040</i>	<i>20%</i>
	<b>Capital Improvement Projects and Programs</b>							
<b>3.4</b>	<b>Subwatershed Activity</b>							
<b>3.410</b>	Gem Lake	\$0	\$0	\$0	\$0	\$0	\$0	
<b>3.420</b>	Lambert Creek	\$175,752	\$194,064	\$222,100	\$0	\$28,036	\$222,100	87%
<b>3.425</b>	Goose Lake	\$0	\$1,125	\$124,200	\$0	\$123,075	\$124,200	1%
<b>3.430</b>	Birch Lake	\$0	\$637	\$0	\$0	(\$637)	\$0	#DIV/0!
<b>3.440</b>	Gilf Black Tam Wilk Amelia	\$0	\$0	\$16,000	\$0	\$16,000	\$16,000	0%
<b>3.450</b>	Pleasant Charley Deep	\$0	\$0	\$22,500	\$0	\$22,500	\$22,500	0%
<b>3.460</b>	Sucker Vadnais	\$0	\$16,408	\$12,500	\$0	(\$3,908)	\$12,500	131%
<b>3.48</b>	<b>Programs</b>							
<b>3.480</b>	Soil Health Grant	\$0	\$0	\$4,500	\$0	\$4,500	\$4,500	0%
<b>3.481</b>	Landscape 1	\$0	\$0	\$16,000	\$0	\$16,000	\$16,000	0%
<b>3.482</b>	Landscape 2	\$0	\$0	\$28,000	\$0	\$28,000	\$28,000	0%
<b>3.483</b>	Project Research & feasibility	\$0	\$0	\$0	\$0	\$0	\$0	#DIV/0!
<b>3.485</b>	Facilities Maintenance	\$0	\$0	\$46,540	\$0	\$46,540	\$46,540	0%
<b>3.5</b>	<b>Regulatory</b>							
<b>3.510</b>	Engineer Plan review	\$0	\$0	\$0	\$0	\$0	\$0	#DIV/0!
	<i>Total CIP &amp; Program</i>	<i>\$175,752</i>	<i>\$212,234</i>	<i>\$492,340</i>	<i>\$0</i>	<i>\$280,106</i>	<i>\$492,340</i>	<i>43%</i>
	<b>Total of Core Operations &amp; CIP</b>	<b>\$221,173</b>	<b>\$341,593</b>	<b>\$1,138,880</b>	<b>\$9,500</b>	<b>\$806,787</b>	<b>\$1,148,380</b>	<b>30%</b>

<b>Fund Balance</b>	2/1/2021	3/1/2021
4M Account	\$519,538	\$457,359
4M Plus Savings	\$324,104	\$324,117
<b>Total</b>	<b>\$843,643</b>	<b>\$781,475</b>

<b>Restricted funds</b>	3/1/2021
Mitigation Savings	\$21,036
Term Series	\$0

**Vadnais Lake Area Water Management Orga**  
**Profit & Loss**  
 February 13 through March 12, 2021

9:56 AM

03/04/2021

Cash Basis

**Feb 13 - Mar 12, 21**

Ordinary Income/Expense	
Income	
5.1 · Income	
5.13 · Interest	20.02
Total 5.1 · Income	<u>20.02</u>
Total Income	<u>20.02</u>
Gross Profit	<u>20.02</u>
Expense	
3.1 · Administrative/Operations	
3.110 · Office	
Copies	38.07
Phone/Internet/Machine Overhead	290.00
Postage	13.59
Rent	1,615.00
Supplies	7.53
Total 3.110 · Office	<u>1,964.19</u>
3.120 · Information Systems	
IT Support	1,203.91
Total 3.120 · Information Systems	<u>1,203.91</u>
3.141 · Audit	4,725.00
3.170 · Misc. & mileage	306.33
3.191 · Employee Payroll	
payroll	28,438.81
Total 3.191 · Employee Payroll	<u>28,438.81</u>
3.192 · Employer Liabilities	
Admin payroll processing	44.92
Administration FICA	2,063.46
Administration PERA	2,132.90
Insurance Benefit	4,541.05
Total 3.192 · Employer Liabilities	<u>8,782.33</u>
Total 3.1 · Administrative/Operations	<u>45,420.57</u>
3.4 · Capital Imp. Projects/Programs	
3.420 · Lambert Creek Restoration	
Lambert Lake Loan	108,818.53
LL VLAWMO cash match	1,429.18
1 · LL grant \$302,679	65,504.29
Total 3.420 · Lambert Creek Restoration	<u>175,752.00</u>
Total 3.4 · Capital Imp. Projects/Programs	<u>175,752.00</u>
Total Expense	<u>221,172.57</u>
Net Ordinary Income	<u>-221,152.55</u>
Net Income	<u><u>-221,152.55</u></u>

March 2021 VLAWMO Finance Report

**Vadnais Lake Area Water Management Organization**  
**Check Detail**

9:53 AM

03/04/2021

February 13 through March 12, 2021

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	eft	02/18/2021	Reliance Standard		Checking - 1987		-88.50
				Insurance Benefit		-88.50	88.50
TOTAL						-88.50	88.50
Check	eft	02/18/2021	Reliance Standard		Checking - 1987		-202.29
				Insurance Benefit		-202.29	202.29
TOTAL						-202.29	202.29
Check	5097	03/12/2021	Nicholas Voss		Checking - 1987		-10.08
				3.170 · Misc. & mileage		-10.08	10.08
TOTAL						-10.08	10.08
Check	5098	03/12/2021	Tyler J Thompson		Checking - 1987		-25.93
				3.170 · Misc. & mileage		-25.93	25.93
TOTAL						-25.93	25.93
Check	5099	03/12/2021	Dawn Tanner		Checking - 1987		-18.48
				3.170 · Misc. & mileage		-18.48	18.48
TOTAL						-18.48	18.48
Check	5100	03/12/2021	City Of Roseville		Checking - 1987		-1,203.91
				IT Support		-1,203.91	1,203.91
TOTAL						-1,203.91	1,203.91
Check	5101	03/12/2021	Kennedy & Graven, Chartered		Checking - 1987		-693.60
				LL VLAWMO cash match		-693.60	693.60
TOTAL						-693.60	693.60
Check	5102	03/12/2021	City of White Bear Lake		Checking - 1987		-36,930.35
				payroll		-28,438.81	28,438.81
				Administration FICA		-2,063.46	2,063.46
				Administration PERA		-2,132.90	2,132.90
				Insurance Benefit		-4,250.26	4,250.26
				Admin payroll processing		-44.92	44.92
TOTAL						-36,930.35	36,930.35

## March 2021 VLAWMO Finance Report

<b>Check 5103 03/12/2021 Press Publications</b>	<b>Checking - 1987</b>		<b>-251.84</b>
	3.170 · Misc. & mileage	-158.32	158.32
	3.170 · Misc. & mileage	-93.52	93.52
TOTAL		-251.84	251.84
<b>Check 5104 03/12/2021 City of Vadnais Heights</b>	<b>Checking - 1987</b>		<b>-1,956.66</b>
	Rent	-1,615.00	1,615.00
	Phone/Internet/Machine Overhead	-290.00	290.00
	Postage	-13.59	13.59
	Copies	-38.07	38.07
TOTAL		-1,956.66	1,956.66
<b>Check 5105 03/12/2021 Innovative Office Solutions</b>	<b>Checking - 1987</b>		<b>-7.53</b>
	Supplies	-7.53	7.53
TOTAL		-7.53	7.53
<b>Check 5106 03/12/2021 SEH</b>	<b>Checking - 1987</b>		<b>-8,855.07</b>
	LL VLAWMO cash match	-735.58	735.58
	1 · LL grant \$302,679	-8,119.49	8,119.49
TOTAL		-8,855.07	8,855.07
<b>Check 5107 03/12/2021 Sunram Construction, Inc</b>	<b>Checking - 1987</b>		<b>-166,203.33</b>
	1 · LL grant \$302,679	-57,384.80	57,384.80
	Lambert Lake Loan	-108,818.53	108,818.53
TOTAL		-166,203.33	166,203.33
<b>Check 5108 03/12/2021 CliftonLarsonAllen</b>	<b>Checking - 1987</b>		<b>-4,725.00</b>
	3.141 · Audit	-4,725.00	4,725.00
TOTAL		-4,725.00	4,725.00

March 2021 VLAWMO Finance Report

**Vadnais Lake Area Water Management Organization**  
**Custom Transaction Detail Report**  
 January 1 through March 1, 2021

9:52 AM

03/04/2021

Accrual Basis

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount	Balance
<b>Jan 1 - Mar 1, 21</b>									
Credit Card Charge	01/03/2021		Google*SVCAPPS_VLAWM		US Bank CC	√	WEB	36.00	36.00
Credit Card Charge	01/11/2021		adobe *photography plan		US Bank CC		Software	9.99	45.99
Credit Card Charge	01/19/2021		Survey Monkey	survey monkey premium	US Bank CC		3.320 · Marketing	260.40	306.39
Transfer	01/20/2021			Funds Transfer	US Bank CC		Checking - 1987	-193.97	112.42
Credit Card Charge	01/26/2021		Adobe "Creative Cloud		US Bank CC		Software	32.20	144.62
Credit Card Charge	02/03/2021		Google*SVCAPPS_VLAWM		US Bank CC		WEB	36.00	180.62
								<b>180.62</b>	<b>180.62</b>
<b>Jan 1 - Mar 1, 21</b>									

## Applicant Landowner Information

Name: Alex Tessem
Address of property where project will be implemented: 4296 Rice St
City, State, Zip: Vadnais Heights, MN 55126
Phone: 763.257.6929
Email address: alex.tessem@gmail.com

## Grant Specifics

ESTIMATED TOTAL COST OF YOUR PROJECT: \$ 1,750

AMOUNT OF GRANT REQUESTED: (\$750 MAXIMUM) \$ 1,000

(\$1,000 Maximum if within Targeted Priority Zone)

WHEN DO YOU PLAN TO COMPLETE YOUR PROJECT? 2021

### PROJECT TYPE:

Raingarden  Native Restoration/Pollinator Planting  Turf Replacement  Other

If other, please describe proposed project: \_\_\_\_\_

## Project Background

Describe your property: Does your property connect to a lake, stream, ditch, or wetland in VLAWMO? What is the purpose of your project?

Our drainage feeds directly into the wetlands in Vadnais-Sucker Lakes Regional park. There's a storm water basin on the bottom 1/8 of our property. That basin has an overflow pipe that drains into the wetlands on the west side of the park. This project is adjacent to the drainage and would filter the water coming from the cultivated upper portions of our property.

Describe how your project will support the goals of the Soil Health Grant Program (see guidance page for more information). Does your proposed project directly reduce, capture, or treat stormwater?

This project will restore native habitat to about 1/4 acre of our property. We'll also be creating a buffer between our managed lawn and the water drainage. This will help filter the water from the upper portion of our property before it reaches the drainage that ultimately ends up in the wetlands in Vadnais-Sucker Lakes Regional Park. We'll also be supporting the restoration of native vegetation on private land directly adjacent to a DNR Targeted Habitat Priority Zone.

Please briefly describe anticipated maintenance activities of your project:

We will bury a hose to supply water to the site as needed. We will monitor rain levels and supplement watering until the site is fully established. Weekly weeding will also occur for the first few years until the native plants are able to out compete, then we'll weed as needed. A mowed buffer zone will also be maintained around the entire project to help prevent encroachment of non-native vegetation. We will also follow mowing practices on the site as recommended by the seed supplier.

### 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 (Acres):	87,000	TOTAL PROJECT SIZE (SQ.FT.):	10,000
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IMPERVIOUS AREA DRAINING TO PROJECT (SQ.FT.):	7,000	PERVIOUS AREA DRAINING TO PROJECT (SQ.FT.):	80,000
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IF YOUR PROJECT INCLUDES INFILTRATION, PLEASE PROVIDE THE FOLLOWING INFORMATION

SOIL INFILTRATION RATE (INCHES/HR):		DEPTH OF RAINGARDEN BASIN (INCHES):	
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### Additional Required Attachments

To complete your application, please include:

- Detailed drawing or plan of the proposed project, drafted by either the landowner or a contractor.
- Detailed project budget estimate with clear cost and material breakouts that equate to your total project cost estimate.

**\*\*This information, along with the application, may be scanned and emailed to VLAWMO GIS Watershed Technician, Tyler Thompson (tyler.thompson@vlawmo.org)\*\***

Opting in to the education incentives would allow reapplying for Soil Health Grant funds the consecutive year after being awarded grant funding. Incentives entail committing to three of the following four options for 2 years:

1. Documenting seasonal photos, organizing them, and sending them to VLAWMO via jump drive or email, to show the progress and growth of the project.
2. Provide a neighborhood spotlight article featuring a photo of participants posing in front of the project, as well as a mini-interview 1-2 years after the project was installed to speak to their experience in install, maintenance, any problems, and enjoyment for others to learn from.
3. Participate as a host site for VLAWMO’s annual neighborhood BMP tour working in conjunction with VLAWMO Master Water Stewards.
4. Help coordinate VLAWMO’s annual native plant swap with Master Water Stewards. This entails saving seeds, dividing and potting mature plants for sharing with other residents or public raingardens, or taking plants from the plant swap for the home project as needed.



VLAWMO Soil Health Grant Operations & Maintenance Requirements:

Projects must be maintained for a minimum of 5 years, and applicants must be willing to participate in VLAWMO's Education & Outreach and project sharing efforts. The applicant is responsible for Project maintenance items referenced in the Soil Health Grant Guidance document for a 5 year period, after Project completion. VLAWMO is not responsible for completing maintenance activities, but will assist with staff guidance. A project may be visited and inspected by VLAWMO staff during the 5 year maintenance period. Please inform VLAWMO if you move within the 5 years of project implementation so we may provide the new owners with information and guidance on Project.

Are you willing to commit to the following Soil Health Grant requirements:

- **Maintain the project for at least 5 years after its implementation?**  YES  NO
- **Participate in VLAWMO's outreach and project sharing efforts?**  YES  NO
- **Do you understand that your Project may be visited and inspected by a VLAWMO representative during the 5 year Project maintenance period?**  YES  NO

Print Name Alex Tessem

Signature *Alex Tessem* Date 02/07/2020



VLAWMO Project

1767.50

Description	Store	Unit Size	# of units	Cost per Unit	Cost
Non-plant materials					
White Wine Vinegar - Kill Vegetation	Menards	128 oz	20	2.50	50.00
Permanently Installed Garden Hose - Buried	Menards	100'	3	30.00	90.00
Pole Mounted Sprinkler	Menards	1	1	40.00	40.00
Diesel for 1025R site prep	Karth	1 Gal	10	2.75	27.50
Dirt Work/Stump Removal - For Hire Skid Steer	Mike Wolney	1 Hour	4	150.00	600.00
Plant materials					
Pollinator Grass & Wildflower Mix for Mesic to Wet Soils	Prairie Restoration	1 oz	40	19.50	780.00
6 Pack Potted Pollinator Variety	Prairie Restoration	6 Pack	12	7.50	90.00
4 Inch Potted Pollinator Plants Variety	Prairie Restoration	1 4 inch Pot	20	4.50	90.00

#### Project Plans

##### **10,000 sq ft Native Planting**

Early spring 2021 we'll level out planting area and remove existing stumps with for hire skid loader.

Spring 2021 we'll cut down and treat the existing monoculture of canary reed grass with white vinegar.

After a week we'll remove dead vegetation and turn up top soil to promote weed germination. Once those weeds sprout we'll do 2nd treatment.

During wait period we'll bury garden hose in ground to provide permanent water source for the native planting when needed.

A week after 2nd treatment we will seed with prairie mix. Will make sure to water at least 1 inch per week if there isn't sufficient rain.

##### **100 sq ft Native Planting**

We have a cultivated pollinator garden with a 100 sq ft circle in the middle we'll plant with 100% native plantings

Once the seed is down for the 10,000 sq ft project we'll purchase 6 packs and 4 inch plants to fill in the 100 sq ft at a rate of 1 plant per .75 sq feet