

VLAWMO TECHNICAL COMMISSION MEETING

8:15 AM May 14, 2025

Vadnais Heights City Hall, Council Chambers, 800 County Road E East, Vadnais Heights, MN 55127

Action items: 🐼

- I. **Call to Order – 8:15am – Chair Ousky**
- II. **Approval of Agenda** 🐼
- III. **Approval of Minutes (April 9, 2025)** 🐼
- IV. **Administration & Operations**
 - A. May Financial Report and Consider Authorization for Payment – Phil 🐼 **Pg.9**
 - B. TEC Nomination for June 6, 2025 VLAWMO Subcommittee Meeting -2026 Budget Discussion/Recommendation 🐼 **Pg.18**
- V. **Programs –Lauren**
 - A. SHG 2025-06 Tessier Turfgrass Replacement Application 🐼 **Pgs.18; 23**
 - B. LL2 2025-02 White Bear Lake Sports Center Update **Pg.18**
- VI. **Projects - Dawn**
 - A. WMP and JPA Update **Pg.19**
 - B. 319 Update: Remaining Scope for Phase 1 and Work Plan Submitted for Phase 2 **Pg.19**
 - C. Rotary Nature Preserve Restoration Update **Pg.19**
 - D. Tamarack Alum Pay Request and Phase 3 Amendment 🐼 **Pgs.20; 32**
 - E. Spring Project Update: Common Carp Removal and Birch AIS **Pg.20**
 - F. Invasive Phragmites: New Site Detected and Partners Notified **Pg.21**
- VII. **Commissioner Reports**
- VIII. **NOHOA**
- IX. **Ramsey Soil & Water Conservation Division**
- X. **St. Paul Regional Water Services**
- XI. **Public Comment**
- XII. **Next meetings:** TEC: June 11, 2025, Board Meeting: June 25, 2025
- XIII. **Adjourn** 🐼

Upcoming Events: Visit [vlawmo.org/events](https://www.vlawmo.org/events)

Volunteer Cleanup at Vadnais Lake	May 10
Gardening for Monarchs & Clean Water Workshop	May 15
Neighborhood Garden Tours	June 10

**Vadnais Lake Area Water Management Organization
Technical Commission (TEC) Minutes
April 9, 2025
Vadnais Heights City Hall, Council Chambers
800 County Road E East, Vadnais Heights, MN 55127**

Commission Members Present:

Gloria Tessier	Gem Lake (GL)
Susan Miller	North Oaks (NO)
Tom Hoffman	City of Lino Lakes (LL)
Jami Philip	White Bear Township (WBT)
Terry Huntrods	City of White Bear Lake (WBL)

Absent: Nick Ousky, Vadnais Heights (VH)

Others in attendance: Phil Belfiori, Brian Corcoran, Dawn Tanner, Lauren Sampedro, Angela Hugunin (VLAWMO staff); Jeremy Erickson, SPRWS.

I. Call to Order

Vice Chair Tessier called the meeting to order at 8:17 am.

II. Approval of Agenda

It was moved by Commissioner Miller and seconded by Commissioner Philip to approve the April 9, 2025 TEC agenda as revised. Vote: all aye. Motion passed.

III. Approval of Minutes (February 12, 2025)

It was moved by Commissioner Miller and seconded by Commissioner Philip to approve the March 12, 2025 meeting minutes as presented. Vote: all aye. Motion passed.

IV. Administration & Operations

A. April Financial Report and Consider Authorization for Payment

Administrator Belfiori summarized the April financial statement as included in the meeting materials. He highlighted that half of the BWSR Watershed-based Implementation Funding grant was received and is noted under income. He explained the most significant expenses of the month were regarding Watershed Management Planning (WMP) work, the Tamarak alum project, and Carp Solutions' work at Pleasant Lake.

Staff recommended approval of the April financial report for payment.

It was moved by Commissioner Huntrods and seconded by Commissioner Philip to approve the April financial report and authorize for payment. Vote: all aye. Motion passed.

B. April TEC Report to the Board

Administrator Belfiori presented the April TEC Report to the Board. He highlighted the Polar Lakes Park reuse project and the associated LCCMR application for the project. He noted staff are continuing to look for grant opportunities if the LCCMR grant is unsuccessful. He stated the 2024 audit report and draft 2026 working budget will be brought forward at the April 23rd Board meeting, and said several grant program projects are occurring that will be discussed more today.

Staff recommended approval of the TEC Report to the Board for April.

It was moved by Commissioner Miller and seconded by Commissioner Huntrods to approve the April TEC Report to the Board. Vote: all aye. Motion passed.

V. Programs

A. Consider Recommendation on Draft 2024 Annual Report/Monitoring Report and Summary

Corcoran presented the draft 2024 Monitoring Report. He noted key components of the monitoring report and program highlights from 2024, including an overview of VLAWMO's monitoring sites, season timeline, and pollutant indicators. He discussed that staff complete special projects that involve testing for additional pollutant indicators, such as the Wilkinson deepwater wetland project and Oak Knoll spent lime project. This extra data is used for grant reporting.

Corcoran explained precipitation levels can affect nutrient loading of waterbodies. He highlighted that East Goose Lake had an increase in total phosphorus loads likely due to high amounts of runoff from significant precipitation events. He shared that overall the total phosphorus trends from 2019-2024 have stayed pretty consistent.

Corcoran highlighted creek monitoring of Lambert Creek and noted that the creek flowed during the whole monitoring season last year due to receiving three inches of above average rainfall.

Commissioner Miller asked why Black Lake doesn't have a trophic state index value for 2024. Corcoran responded that Black Lake wasn't sampled last year because we have 12 years of data on its quality and it continues to be the best quality lake in the watershed.

Huginin presented the draft documents of the 2024 Monitoring Report Summary, Annual Report, and Annual Report Summary. She explained the Monitoring Summary is a way to

provide the water quality data in a digestible format for the public. She said the Annual Report Summary is a way to share what VLAWMO does in a more tangible way for the public. She provided an overview of six projects highlighted on the Annual Report Summary including the Wilkinson deepwater wetland, Watershed Management Plan community outreach, the White Bear Lake street rehabilitation project, the Elmwood Park curb cut raingarden, Deep Lake shoreline restoration project, and groundwater conservation partnerships.

Hugunin discussed the content contained in the draft Annual Report, including year-end information on the education and outreach program, grant programs, and the water quality monitoring program. It also included partnership project highlights, a 2024 workplan with the outcomes achieved in 2024, a 2025 workplan with new goals, and financial information. She noted that some of the content is required information for BWSR, but is also a great chance for staff to reflect on what worked well last year.

Staff requested TEC approval of a recommendation to the Board for approval of the 2024 Monitoring Report, Monitoring Report Summary, Annual Report, and Annual Report Summary with non-material changes.

Commissioner Miller stated all of the reports were really well done.

It was moved by Commissioner Miller and seconded by Commissioner Philip to recommend Board approval of the 2024 Annual Report, Annual Report Summary, Water Monitoring Report, and Water Monitoring Report Summary with non-material changes Vote: all aye. Motion passed.

B. SHG 2025-03 Valdez & Smith Property Restoration Phase 2

Sampedro shared a Soil Health Grant application from landowners in North Oaks for a 70-square foot downspout raingarden and native plantings on the northwest side of their property, over a total area of about 3,600 square feet.

Sampedro explained that this is the second phase of a multi-phase property restoration project that began in fall 2023. She shared an overview of the location of the project, noting its proximity to Pleasant Lake, and summarized the work done as part of the first phase of their project and the proposed second phase of the project. The homeowners' project goal is eliminating all stormwater runoff from their property.

Staff recommended approval of SHG 2025-03 in the amount of \$1,000 for phase 2.

It was moved by Commissioner Miller and seconded by Commissioner Philip to recommend approval of SHG 2025-03 in the amount of \$1,000 for phase 2. Vote: all aye. Motion passed.

C. SHG 2025-04 Redding & Lynch Downspout Raingarden Phase 2

Sampedro presented a Soil Health Grant application from landowners in Vadnais Heights for a 120-square foot downspout rain garden project. This application is for the second phase of their two-year native plant project that began on their 0.28-acre property in summer 2024.

Sampedro shared an overview of the project location and its proximity to Sucker Lake. She shared photos and noted the homeowners' overall project goal of having no turfgrass in their front yard. She explained the landowners' proposed plan for the rain garden, noting some of the key plant species that will be included.

Staff recommended approval of SHG 2025-04 in the amount of \$1,250 for phase 2.

It was moved by Commissioner Huntrods and seconded by Commissioner Miller to approve SHG 2025-04 in the amount of \$1,250 for phase 2. Vote: all aye. Motion passed

D. SHG 2025-05 Troyer Turf Replacement

Sampedro shared a Soil Health Grant application from a landowner in Vadnais Heights for replacing 1,726 square feet of turf grass with native plantings at her 0.41 acre property.

Sampedro shared an overview of the location of the project and its proximity to a neighboring wetland. She noted the visibility of the proposed project from the street. She highlighted key native plant species proposed for various areas of the yard to replace existing turf grass.

Staff recommended approval of SHG 2025-05 in the amount of \$1,250.

Commissioner Miller noted that the costs seemed low for the proposed project and asked whether the homeowner planned to do the work by herself. Sampedro confirmed this and noted that seed mixes and landowner effort will lower prices.

It was moved by Commissioner Miller and seconded by Commissioner Huntrods to approve SHG 2025-05 in the amount of \$1,250. Vote: all aye. Motion passed.

VI. Projects

A. JPA Update as Part of WMP Process

Tanner gave an update on staff's work with legal counsel to update the Joint Powers Agreement (JPA) that forms the VLAWMO organization and establishes authorities. She stated that the JPA will be updated to reflect how VLAWMO currently functions, which will be brought to the April Board meeting and the May or June TEC meetings. She noted staff are working on the draft JPA concurrently with the WMP update. The JPA draft is planned to be included in the WMP 60-day review materials.

B. 319 Update: Remaining Scope for Round 1 and Workplan Preparation for Round 2 Projects

Tanner shared that VLAWMO staff and project partners have been working closely with the MPCA to finalize the Wilkinson deep-water wetland project by August 31, 2025 through the small priority watershed grant. She noted there is about \$75,000 remaining, and the funding needs to be spent by the end of August 2025. Partners are working closely with HEI and MPCA to determine remaining activities, obtain and select a quote (if deemed appropriate), and complete remaining activities at the site.

Staff and partners met with HEI in the field last week to consider remaining potential activities, which may be addressing bank erosion from a misaligned culvert at the north end of the Wilkinson deepwater wetland project. She noted Houston Engineering is currently is developing a cost estimate to repair the erosion and are hoping to go out for quotes soon.

Tanner highlighted that development of the 319 work plan for round 2 is also underway. She stated there is some uncertainty about the funding, and the MPCA staff are assisting to the best of their ability. The current plan is to submit a workplan to the MPCA, which is due by May 1, assuming funding will still go forward as planned. Tanner said another update will be provided to the TEC at the May meeting.

C. Rotary Nature Preserve Restoration Update

Tanner gave an update on staff's work with legal counsel and the City of White Bear Lake for the Rotary Nature Preserve Restoration project. Since the last TEC meeting, the project has gone out for quotes, and two were received; one from Minnesota Native Landscapes and one from Natural Shore Technologies (NST). Staff are recommending accepting the quote from NST, as they have completed other restoration projects areas with the City and have prior experience with managing Rotary Park.

Staff, with support from the City of WBL, requested that the TEC approve a recommendation to the VLAWMO Board of Directors accepting the quote received from NST and authorizing VLAWMO staff to work with legal counsel to prepare a contract with NST to complete the restoration elements as identified in their scope and the attachment documentation.

Commissioner Miller asked if the City of White Bear Lake prefers the NST quote. Tanner confirmed and said the TEC packet includes a letter of support from the City for accepting the quote.

It was moved by Commissioner Huntrods and seconded by Commissioners Philip and Miller to approve a recommendation to the VLAWMO Board of Directors accepting the quote received from NST and authorizing VLAWMO staff to work with legal counsel to

prepare a contract with NST to complete the restoration elements as identified in their scope and the attachment documentation. Vote: all aye. Motion passed

D. Spring Project Update: Tamarack Alum, Common Carp Removal, and Birch AIS

Tanner provided an update that the Tamarack Lake alum project phase 2 alum is currently underway as of this week. She said it is anticipated that the alum will be applied for the rest of the week. Barr Engineering is tracking the pH levels to ensure the project doesn't exceed the State standards.

Tanner stated that carp removal preparation is also underway. The carp barrier was completed and is fully operational at Chickadee lane. She said beavers left behind some debris at the permanent barrier at Wilkinson, and Carp Solutions is working to ensure it doesn't block the other temporary barrier between Deep/Wilkinson Lakes. She noted a trap netting effort will be occurring at the Pleasant Lake culvert location to hopefully capture fish attempting to enter the culvert/pond to spawn. This is a location that VLAWMO has been watching for the past couple of years, and residents in the area also alert VLAWMO staff when carp aggregate there. Tanner said the carp removal project may transition to maintenance next year, depending on biomass levels that will be checked after spring removals are completed.

Tanner also provided an update that the Birch Lake pre-survey for Curly-leaf pondweed was scheduled for last week, but has been delayed due to weather conditions. She said it will be attempted with Ramsey County SWCD this Friday the 11th. (Update note since the TEC meeting: the survey has been rescheduled anticipated for April 16.)

VII. Commissioner Reports

VIII. NOHOA

None

IX. Ramsey Soil & Water Conservation Division

None

X. St. Paul Regional Water Services

None

XI. Public Comment

None

XII. Next Meetings

TEC+: April 9, 2025 at 9:00 a.m.; Board Meeting: April 23, 2025 at 7:00 p.m.; TEC: May 14, 2025 at 8:15 a.m.

XIII. Adjourn

It was moved by Commissioner Hoffman and seconded by Commissioner Miller to adjourn the meeting at 9:01 am. Vote: all aye. Motion passed.

XIV. TEC+ Watershed Plan review meeting – 9:00 a.m.

Vadnais Heights City Hall, Council Chambers, 800 County Road E East, Vadnais Heights MN 55127

VLAWMO Finance Summary: May 2025

May-25		Actual 5/1/25	Actual to Date	2025 Budget (June 2024 Board Approved)	Carry over from 2024 to 2025	Remaining in Budget	2025 Available (Dec. 2024 Board approved)	Act vs. Budget
BUDGET #	INCOME							
5.11	Storm Water Utility		\$528,269	\$1,202,703	\$0	\$674,434	\$1,202,703	44%
5.12	Service Fees			\$1,000	\$0	\$1,000	\$1,000	0%
5.13	Interest + mitigation acct	\$3,505	\$21,052	\$30,000	\$0	\$8,948	\$30,000	70%
5.14	Misc. income - WCA admin & other		\$3,306	\$3,000	\$0	(\$306)	\$3,000	110%
5.15	Other Income Grants/loan		\$84,648	\$238,960	\$0	\$154,312	\$238,960	35%
5.16	Transfer from reserves			\$1,180,708	\$180,796	\$1,361,504	\$1,361,504	0%
	TOTAL	\$3,505	\$637,275	\$2,656,371	\$180,796	\$2,199,892	\$2,837,167	24%
EXPENSES								
3.1	Operations & Administration							
3.110	Office - rent, copies, post tel supplies	\$2,289	\$11,103	\$33,851	\$0	\$22,748	\$33,851	33%
3.120	Information Systems	\$2,031	\$9,011	\$33,850	\$0	\$24,839	\$33,850	27%
3.130	Insurance			\$12,000	\$0	\$12,000	\$12,000	0%
3.141	Consulting - Audit	\$300	\$14,045	\$23,000	\$0	\$8,955	\$23,000	61%
3.142	Consulting - Bookkeeping	\$68	\$248	\$1,500	\$0	\$1,252	\$1,500	17%
3.143	Consulting - Legal	\$45	\$1,058	\$8,000	\$0	\$6,942	\$8,000	13%
3.144	Consulting - Eng. & Tech.		\$220	\$50,000	\$0	\$49,780	\$50,000	0%
3.150	Storm Sewer Utility	\$135	\$8,013	\$22,500	\$0	\$14,487	\$22,500	36%
3.160	Training (staff/board)			\$18,000	\$0	\$18,000	\$18,000	0%
3.170	Misc. & mileage	\$200	\$528	\$7,276	\$0	\$6,748	\$7,276	7%
3.191	Administration - staff	\$36,419	\$190,392	\$470,287	\$13,165	\$293,060	\$483,452	39%
3.192	Employer Liability	\$11,801	\$57,967	\$144,579	\$0	\$86,612	\$144,579	40%
3.2	Monitoring and Studies							
3.210	Lake and Creek lab analysis			\$18,000	\$3,000	\$21,000	\$21,000	0%
3.220	Equipment			\$3,000	\$0	\$3,000	\$3,000	0%
3.230	Wetland assessment & management			\$10,000	\$0	\$10,000	\$10,000	0%
3.240	Watershed planning /special study	\$2,495	\$51,441	\$150,000	\$0	\$98,559	\$150,000	34%
3.3	Education and Outreach							
3.310	Public Education	\$33	\$2,033	\$6,000	\$0	\$3,967	\$6,000	34%
3.320	Comm., Outreach & Marketing	\$1,170	\$2,202	\$20,000	\$5,000	\$22,798	\$25,000	9%
3.330	Community Blue Ed Grant			\$12,000	\$0	\$12,000	\$12,000	0%
Total Core functions: Ops, Monitoring, Education		\$56,986	\$348,261	\$1,043,843	\$21,165	\$716,747	\$1,065,008	33%
Capital Improvement Projects and Programs								
3.4	Subwatershed Activity							
3.410	Gem Lake			\$25,000	\$0	\$25,000	\$25,000	0%
3.420	Lambert Creek			\$160,000	\$0	\$160,000	\$160,000	0%
3.421	Lambert Lake Loan	\$19,284	\$19,284	\$38,568	\$0	\$19,284	\$38,568	50%

3.425	Goose Lake			\$75,000	\$0	\$75,000	\$75,000	0%
3.430	Birch Lake		\$15,000	\$70,000	\$0	\$55,000	\$70,000	21%
3.440	Gilf Black Tam Wilk Amelia	\$30,249	\$50,897	\$375,000	\$100,000	\$424,103	\$475,000	11%
3.450	Pleasant Charley Deep		\$26,660	\$150,000	\$0	\$123,340	\$150,000	18%
3.460	Sucker Vadnais		\$45,406	\$250,000	\$0	\$204,594	\$250,000	18%
3.48	Programs							
3.480	Soil Health Grant	\$131	\$1,131	\$20,000	\$4,524	\$23,393	\$24,524	5%
3.481	Landscape 1			\$50,000	\$26,900	\$76,900	\$76,900	0%
3.482	Landscape 2/BWSR WBF		\$23,616	\$80,000	\$28,207	\$84,591	\$108,207	22%
3.483	Project Research & feasibility			\$5,000	\$0	\$5,000	\$5,000	0%
3.485	Facilities Maintenanc/ Pub. Ditch Main.		\$5,136	\$70,000	\$0	\$64,864	\$70,000	7%
3.5	Regulatory							
3.510	Engineer Plan review	\$270	\$270	\$5,000	\$0	\$4,730	\$5,000	5%
	<i>Total CIP & Program</i>	\$49,934	\$187,400	\$1,373,568	\$159,631	\$1,345,799	\$1,533,199	12%
	Total of Core Operations & CIP	\$106,920	\$535,661	\$2,417,411	\$180,796	\$2,062,546	\$2,598,207	21%

Fund Balance		4/1/2025	5/1/2025
4M Account		\$780,091	\$685,375
4M Plus Savings		\$255,482	\$256,389
Total		\$1,035,573	\$941,764

Restricted funds		5/1/2025
Mitigation Savings		\$0
Term Series		\$300,000

Vadnais Lake Area Water Management Organization
Profit & Loss
April 10 through May 14, 2025

1:45 PM

05/05/2025

Cash Basis

Apr 10 - May 14, 25

Ordinary Income/Expense

Income

5.1 · Income

5.13 · Interest

3,505.31

Total 5.1 · Income

3,505.31

Total Income

3,505.31

Gross Profit

3,505.31

Expense

3.1 · Administrative/Operations

3.110 · Office

Copies

109.95

Phone/Internet/Machine Overhead

325.00

Postage

39.02

Rent

1,815.00

Total 3.110 · Office

2,288.97

3.120 · Information Systems

Hardware

64.20

IT Support

1,697.00

Software

269.90

Total 3.120 · Information Systems

2,031.10

3.141 · Audit

300.00

3.142 · Bookkeeping help

68.40

3.143 · Legal

45.00

3.150 · Storm Sewer Utility

135.00

3.170 · Misc. & mileage

199.79

3.191 · Employee Payroll

payroll

36,419.25

Total 3.191 · Employee Payroll

36,419.25

3.192 · Employer Liabilities

Admin payroll processing

254.92

Administration FICA

2,683.92

Administration PERA

2,731.46

Insurance Benefit

6,130.34

Total 3.192 · Employer Liabilities

11,800.64

Total 3.1 · Administrative/Operations

53,288.15

3.2 · Monitoring and Studies

3.240 · Watershed Plan Amendment

2,494.60

Total 3.2 · Monitoring and Studies

2,494.60

3.3 · Education and Outreach

3.310 · Public Education

33.21

3.320 · Marketing

1,170.28

Total 3.3 · Education and Outreach

1,203.49

3.4 · Capital Imp. Projects/Programs	
3.421 · Lambert Lake Loan \$385,689.54	19,284.48
3.440 · Gilfillan Black Tamarack Wilkin	30,248.54
Total 3.4 · Capital Imp. Projects/Programs	49,533.02
3.48 · Programs	
3.480 · Soil Health Grant	130.87
Total 3.48 · Programs	130.87
3.5 · Regulatory	
3.510 · Engineer Plan review	270.00
Total 3.5 · Regulatory	270.00
Total Expense	106,920.13
Net Ordinary Income	-103,414.82
Net Income	-103,414.82

Vadnais Lake Area Water Management Organization

1:47 PM

Check Detail

05/05/2025

April 10 through May 14, 2025

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	eft	04/16/2025	further		Checking - 1987		-7.00
				Insurance Benefit		-7.00	7.00
TOTAL						-7.00	7.00
Check	eft	04/17/2025	Reliance Standard		Checking - 1987		-428.30
				Insurance Benefit		-428.30	428.30
TOTAL						-428.30	428.30
Check	eft	05/01/2025	US Bank		Checking - 1987		-68.40
				3.142 · Bookkeeping help		-68.40	68.40
TOTAL						-68.40	68.40
Check	5964	05/14/2025	Dawn Tanner		Checking - 1987		-106.40
				3.170 · Misc. & mileage		-106.40	106.40
TOTAL						-106.40	106.40
Check	5965	05/14/2025	Lauren Sampedro		Checking - 1987		-54.39
				3.170 · Misc. & mileage		-54.39	54.39
TOTAL						-54.39	54.39
Check	5966	05/14/2025	Brian Corcoran		Checking - 1987		-39.00
				3.170 · Misc. & mileage		-39.00	39.00
TOTAL						-39.00	39.00

Check 5967 05/14/2025 Town Law Center, PLLP	Checking - 1987	-2,944.60
	3.143 · Legal	-45.00 45.00
	3.510 · Engineer Plan review	-270.00 270.00
	3.150 · Storm Sewer Utility	-135.00 135.00
	3.240 · Watershed Plan Amendment	-2,494.60 2,494.60
TOTAL		-2,944.60 2,944.60
Check 5968 05/14/2025 Metro - Inet	Checking - 1987	-1,697.00
	IT Support	-1,697.00 1,697.00
TOTAL		-1,697.00 1,697.00
Check 5969 05/14/2025 Bridget Donovan	Checking - 1987	-70.05
	3.480 · Soil Health Grant	-70.05 70.05
TOTAL		-70.05 70.05
Check 5970 05/14/2025 Abby Lemon	Checking - 1987	-60.82
	3.480 · Soil Health Grant	-60.82 60.82
TOTAL		-60.82 60.82
Check 5971 05/14/2025 Lake Restoration	Checking - 1987	-26,178.54
	3.440 · Gilfillan Black Tamarack Wilkin	-26,178.54 26,178.54
TOTAL		-26,178.54 26,178.54
Check 5972 05/14/2025 HDR Engineering, Inc.	Checking - 1987	-1,170.28
	3.320 · Marketing	-1,170.28 1,170.28
TOTAL		-1,170.28 1,170.28

Check 5973 05/14/2025 Barr Engineering Co	Checking - 1987	-4,070.00	
	3.440 · Gilfillan Black Tamarack Wilkin	-4,070.00	4,070.00
TOTAL		-4,070.00	4,070.00
Check 5974 05/14/2025 Innovative Office Solutions	Checking - 1987	-64.20	
	Hardware	-64.20	64.20
TOTAL		-64.20	64.20
Check 5975 05/14/2025 CliftonLarsonAllen	Checking - 1987	-300.00	
	3.141 · Audit	-300.00	300.00
TOTAL		-300.00	300.00
Check 5976 05/14/2025 City of Vadnais Heights	Checking - 1987	-2,288.97	
	Rent	-1,815.00	1,815.00
	Phone/Internet/Machine Overhead	-325.00	325.00
	Postage	-39.02	39.02
	Copies	-109.95	109.95
TOTAL		-2,288.97	2,288.97
Check 5977 05/14/2025 Minnesota Pollution Control Agency	Checking - 1987	-19,284.48	
	3.421 · Lambert Lake Loan \$385,689.54	-19,284.48	19,284.48
TOTAL		-19,284.48	19,284.48
Check 5978 05/14/2025 City of White Bear Lake	Checking - 1987	-47,784.59	
	payroll	-36,419.25	36,419.25
	Administration FICA	-2,683.92	2,683.92
	Administration PERA	-2,731.46	2,731.46
	Insurance Benefit	-5,695.04	5,695.04

	Admin payroll processing	-254.92	254.92
TOTAL		-47,784.59	47,784.59

Vadnais Lake Area Water Management Organization
Custom Transaction Detail Report
March 1 through May 1, 2025

1:43 PM
05/05/2025
Accrual Basis

	Type	Date	Num	Name	Memo	Account	Clr	Split	Amount	Balance
Mar 1 - May 1, 25										
	Credit Card Charge	03/03/2025		Google*SVCAPPS_VLAWM		US Bank CC	√ WEB		42.00	42.00
	Transfer	03/20/2025			Funds Transfer	US Bank CC	√ Checking - 1987		-1,482.50	-1,440.50
	Credit Card Charge	03/21/2025	Aatrix		1095-B efile	US Bank CC	√ 3.142 · Bookkeeping help		27.99	-1,412.51
	Credit Card Charge	03/25/2025		Adobe "Creative Cloud		US Bank CC	√ Software		32.50	-1,380.01
	Credit Card Charge	03/25/2025	Aatrix		1095-B efile	US Bank CC	√ 3.142 · Bookkeeping help		16.99	-1,363.02
	Credit Card Charge	03/27/2025		Vista Print	business cards	US Bank CC	√ 3.320 · Marketing		61.73	-1,301.29
	Credit Card Charge	03/31/2025		Monarch Joint Venture	fee for in person presentation 2025	US Bank CC	√ 3.320 · Marketing		150.00	-1,151.29
	Credit Card Charge	04/02/2025		Google*SVCAPPS_VLAWM		US Bank CC	√ WEB		41.99	-1,109.30
	Credit Card Charge	04/14/2025		Dollar Tree Stores	WAV mtg supplies	US Bank CC	3.310 · Public Education		4.05	-1,105.25
	Credit Card Charge	04/14/2025		Fresh Thyme	WAV mtg snacks	US Bank CC	3.310 · Public Education		29.16	-1,076.09
	Credit Card Charge	04/14/2025		Zoom	subscription april25-april26	US Bank CC	Software		149.90	-926.19
	Credit Card Charge	04/26/2025		Canva	design program	US Bank CC	Software		120.00	-806.19
Mar 1 - May 1, 25									-806.19	-806.19

TEC Staff Memo – May 14, 2025

IV. Administration & Operations

A. May Financial Report and Consider Authorization for Payment

Please find the May financial report and authorization to pay bills for consideration and approval.

B. TEC Nomination for June 6, 2025 VLAWMO Subcommittee Meeting

The VLAWMO Board of Directors approved a motion at the April 23rd meeting to request a member of the TEC attend the June 6, 2025 Board subcommittee meeting (6:30pm at Vadnais Heights City Hall). Staff requests that the TEC appoint a representative to attend this meeting.

V. Programs

A. SHG 2025-06 Tessier Turfgrass Replacement Application

Landowners Gloria and Ray Tessier submitted a Soil Health Grant application for replacing turfgrass with native plants through seed mix and live plugs, low mow fescue grass, and native shrubs totaling about 3,000 square feet at their 1.51 acre property in the City of Gem Lake. Much of the front yard will be removed and replaced with the native plantings and low mow fescue grass. The native plant seed mix, plugs, and shrubs were all selected to improve pollinator habitat and conserve water. They will also help capture stormwater runoff that currently directly runs off Scheuneman Road. The landowners will be completing the work themselves. The turfgrass is currently being smothered to kill off the turf and allow for the native plant seed to have direct contact with the soil. The project presents an education and outreach opportunity as not many landowners in the City of Gem Lake currently participate in VLAWMO's grant programs, and the project is highly visible from Scheuneman Road, especially due to its proximity to the Gem Lake Hills Golf Course. This could lead to future grant applications and water quality projects in the City. The total estimated project cost is \$688.00.

Requested action: Staff recommends approval of SHG 2025-06 in the amount of \$516.00

B. LL2 2025-02 White Bear Lake Sports Center Update

At the February TEC Meeting, staff provided background on a bioswale project that VLAWMO is partnering on with the City of White Bear Lake and Ramsey County Soil and Water Conservation Division (RCSWCD) at the White Bear Lake Sports Center. Since the TEC meeting, SRF Consulting Group completed 100% construction plans for the bioswale and the City requested bids for the project in April. Nine bids were received for the project and the lowest bid was received from Shoreline Landscaping & Contracting for \$167,422.00. The City of White Bear Lake submitted a Landscape Level 2 Grant application for constructing the bioswale, which includes a 10,800 sq foot bioswale, a pretreatment sump and baffle manhole structure, a pretreatment rain guardian turret, and stabilization of a channel at the swale outlet with native plants and riprap.

Due to State grant and anticipated construction timing, the application was reviewed at the April 23rd Board meeting. Staff recommended the Board approve the LL2 grant application and utilization of \$44,791.65 from the BWSR Watershed Based Implementation Funding grant and \$45,000 of VLAWMO Birch Lake subwatershed funds, for a total of \$89,791.65 towards the project. Staff also recommended approval of a Memorandum of Understanding (MOU) between the City and RCSWCD that outlined roles related to construction of the project. In the MOU, partners would split the costs of construction and participate in construction management and observation of the project, with RCSWCD being the lead entity for observation and the City managing the construction contract. The Board approved the LL2 grant application not to exceed \$89,791.65 and approved the MOU for construction of the project.

The approved grant application packet can be found here:

https://www.vlawmo.org/index.php/download_file/5137/

VI. Projects

A. JPA and WMP Update

VLAWMO staff have sent the draft JPA for review to member communities and requested comments by May 28, 2025. Staff and HEI continue working on the draft WMP and anticipate requesting approval and authorization by the TEC to recommend the draft WMP for consideration by the Board at the June TEC and Board meetings.

B. 319 Update: Remaining Scope for Round 1 and Work Plan Preparation for Round 2 Projects

VLAWMO staff and project partners continue working closely with MPCA to finalize the Wilkinson deep-water wetland project by August 31, 2025. At the time of packet preparation, VLAWMO staff are waiting for review and comment by MPCA. A status update will be provided at the TEC meeting if additional information is available.

The second-round draft work plan was approved by the VLAWMO Board at the April 23, 2025, meeting and was accepted by MPCA prior to the May 1, 2025, deadline. VLAWMO will be notified in late summer/fall as to the status of the program, funding levels, and preparation of a grant contract.

C. Rotary Nature Preserve Restoration Update

Following authorization by the Board at the April 23, 2025, meeting, VLAWMO staff are working with legal counsel to prepare a contract for the project. VLAWMO staff met with the City of White Bear Lake and Natural Shore Technologies to discuss and plan for the first scope that will be part of that contract. If additional

information is available at the TEC meeting, those updates will be provided at that time.

D. Tamarack Alum pay request and phase 3 amendment

Tamarack phase 2 alum was completed in April. A pay request was authorized by the Board at the April 23, 2025, meeting. This payment is included in the bills for May. An amendment was prepared for phase 3 of the project. LRI has signed the amendment and returned it to VLAWMO for signature. Phase 3 is anticipated to be completed during fall 2025.

Attachment: SECOND AMENDMENT TO THE CONTACTOR SERVICES AGREEMENT (Tamarack Lake Alum Treatment Project)

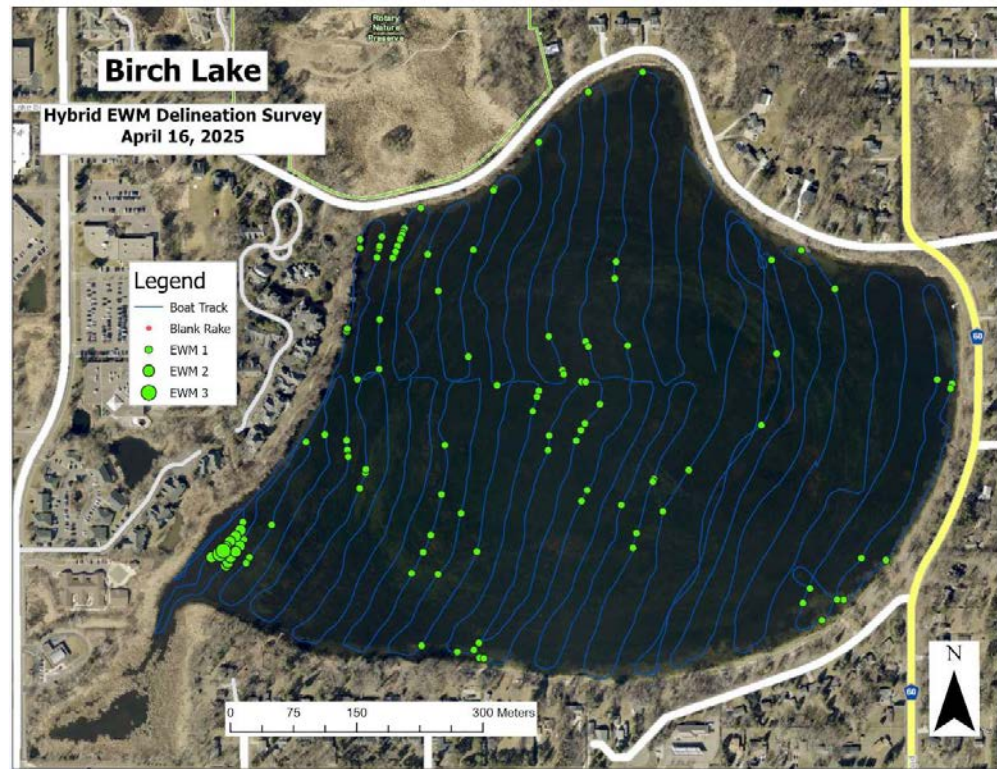
Requested action: VLAWMO staff request a recommendation to the Board to authorize and sign the Second Amendment to the Contractor Services Agreement for phase 3 pricing for the Tamarack alum project, for a total of \$27,380, and authorize staff to return the fully executed amendment to LRI and coordinate phase 3 in the fall.

E. Spring Project Update: Common Carp Removal and Birch AIS

Common carp removal: Small removals were completed on April 24 (26 carp) and May 5 (18 carp). Big-mouth buffalo were moved over the barrier during each removal. The spawning run appears to be later than previous years. The project is going smoothly.

The Birch Lake pre-survey for Curly-leaf pondweed was completed, the permit from MN DNR for EWM and CLP removal has been received, and a hand-pulling removal by Dive Guys and paid by BLID is tentatively scheduled for May 29.

Pre-survey EWM distribution (CLP was not detected)



F. Invasive Phragmites: New site detected and partners notified

VLAWMO staff were notified of a new location that is confirmed to be infested with invasive Phragmites. The location is on MnDOT property in White Bear Township with the potential to also spread into North Oaks Company property. RCSWCD is coordinating the treatment effort with MnDOT. RCSWCD requested that VLAWMO keep an eye on the location in case of spread and to let partners know. NOC has been notified and responded in support of watching this location.

The location is reported in EDDMapS. A packet of identification information from the University of Minnesota was provided to the two residential addresses in White Bear Township that are located closest to the infestation.

EDDMapS

find • map • track

[REPORT SIGHTINGS](#)
[MAPS](#)
[SPECIES INFO](#)
[TOOLS](#)
[TRAINING](#)
[LOGIN / REGISTER](#)
[ABOUT](#)

12238635

European common reed, *Phragmites*
(*Phragmites australis* ssp. *australis*)

Last Visit: Sep 12, 2024

Current Status: Positive

[Revisit Record](#)

Survey Information

Method

Google Map

Datum

WGS84

Comments

Too far off road to treat with spray truck. Good spot for the drone to treat.

Project Name

EDDMapS Pro

Other




Other Geographic Locations



Location


White Bear Township

Location

US Congressional District MN-4



EDDMapS

find • map • track

[REPORT SIGHTINGS](#)
[MAPS](#)
[SPECIES INFO](#)
[TOOLS](#)
[TRAINING](#)
[LOGIN / REGISTER](#)
[ABOUT](#)

12238635

European common reed, *Phragmites*
(*Phragmites australis* ssp. *australis*)

Last Visit: Sep 12, 2024

Current Status: Positive

[Revisit Record](#)

Record ID

12238635

Species Information

Location Information

Habitat

Right-of-Way

Location

Ramsey, Minnesota, United States

Coordinates

45.11197, -93.05041

Infestation Information

Infestation Status

POSITIVE

Density

50-75%

Infested Area

0.0322945 Acres

Reporter Information

Reporter

Loni Anderson, MNDOT

Observation Date

September 12, 2024

Date Entered

September 12, 2024

Date Updated

September 13, 2024

Updated By

EDDMapS Administrator

Source Type

iPhone

Verification and Review


Verification

Reporter Expertise

Method

Map

Satellite



Legend

Positive

Treated

Eradicated

Negative

Soil Health Grant Application



Submit completed application to:

Lauren Sampedro

lauren.sampedro@vlawmo.org

Applicant Information:

Name:	Ray and Gloria Tessier
Address:	4076 Scheuneman Road
City/Township, State, Zip:	Gem Lake, MN 55110
Phone:	651 426 1961
Email:	gtessier@comcast.net



Project Summary:

ESTIMATED TOTAL PROJECT COST (\$)	\$688.00
AMOUNT REQUESTED (\$1,000 MAX or \$1,250 in Priority Area)	\$516.00
EXPECTED PROJECT COMPLETION (Month, Year)	May, 2026

PROJECT TYPE:

- ☐ Downspout/Small
Raingarden
- ☒ Native Restoration/
Pollinator Garden
- ☒ Turfgrass
Replacement
- ☐ Other

If other, please describe
the proposed project: _____

Project Background:

Describe your property. What is the purpose of your project? Does your property connect to a lake, stream, ditch, or wetland in VLAWMO?	Residential, until last year, very shady, lost two trees, now sunny. Replace turf grass with native plant seed, native plugs, eco grass, and five native shrubs for pollinators. Yes, the property and project drain directly to several wetlands.
--	--

Project Background: Continued

Describe how your project will support the goals of the Soil Health Grant Program. (See grant policy)	By replacing our turf grass with native plantings, eco grass and native shrubs we will be offering a pollinator friendly lawn, reduce water usage and decrease carbon emissions used to mow our current property.
Briefly describe the planned installation and maintenance activities for your project.	Cover 1,500 square feet of current grass/weeds until October/November of 2025, to kill all grass/weeds currently in place. In November, seed native plant seed and native plugs. In June, 2025, spread eco grass and plant five native bushes over an area of 1,800 square feet.

Project Specifications:

TOTAL PROPERTY AREA (Acres)	1.51 acres.
Total PROJECT SIZE (SQ FT)	3,000 square feet
IF APPLICABLE: DEPTH OF RAINGARDEN BASIN (Inches)	



Required Attachments:

- ⇒ Detailed drawing or plan of the proposed project.
- ⇒ Detailed project budget estimate with itemized costs and materials that equal your total estimated cost.

VLAWMO Soil Health Grant Agreement



It is understood that:

1. The grantee is responsible for maintaining the project for at least 5 years after its installation. VLAWMO is not responsible for completing maintenance activities.
2. The grantee will participate in VLAWMO's outreach and project sharing efforts.
3. A project may be visited and inspected by a VLAWMO representative during the 5-year maintenance period.
4. Grant awards will expire within 1 year of grant approval unless the project is extended with VLAWMO approval.

The applicant's signature indicates their agreement to the above terms and certifies the grant application information is true and accurate. A VLAWMO staff signature will constitute an approved and executed grant agreement between the grantee and the VLAWMO.

Applicant/Grantee

Signature Ray & Gloria Tesser Date 5/1/2025

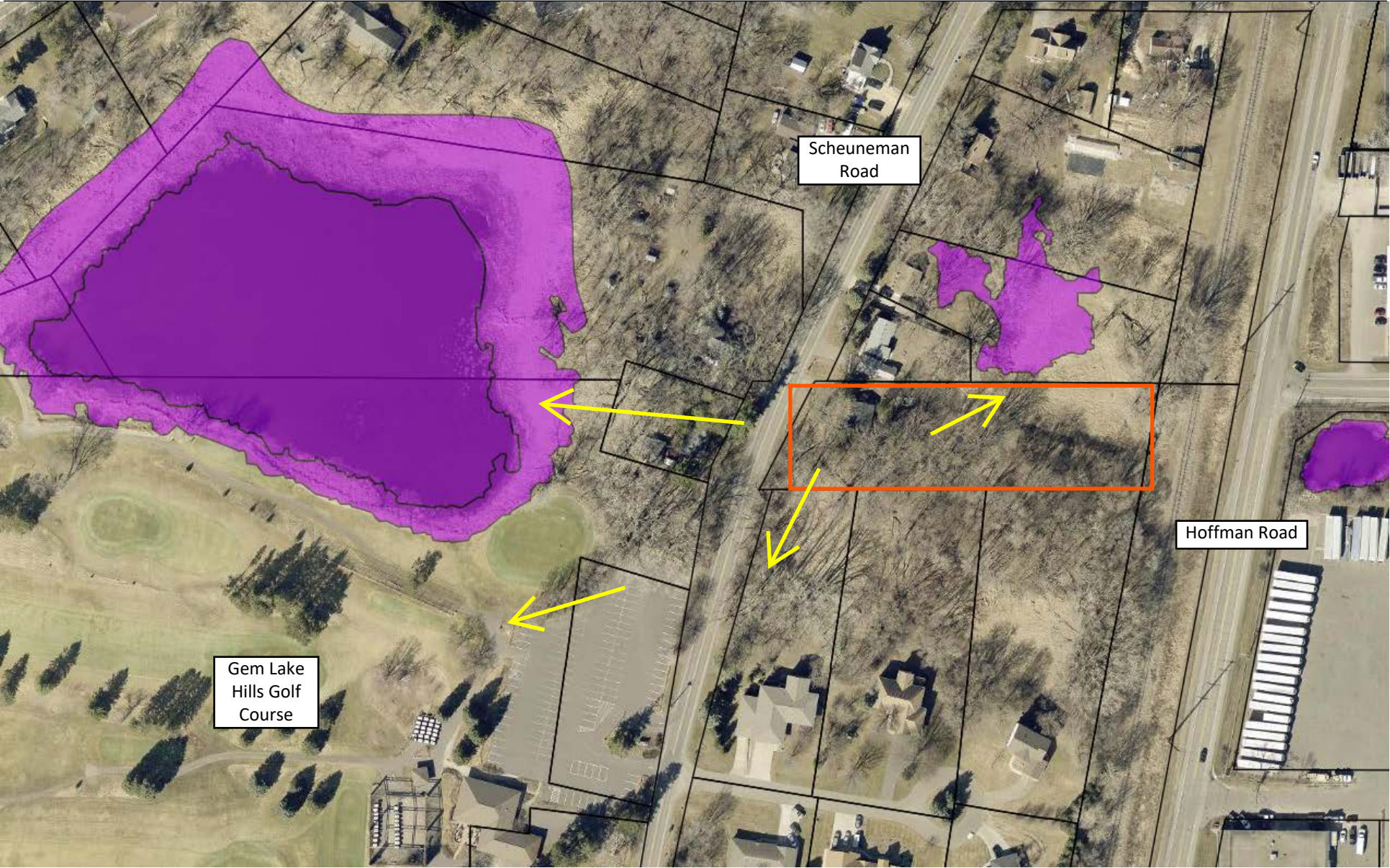
Print Ray & Gloria Tesser





VLAWMO Staff

Signature _____ Date _____

Print _____

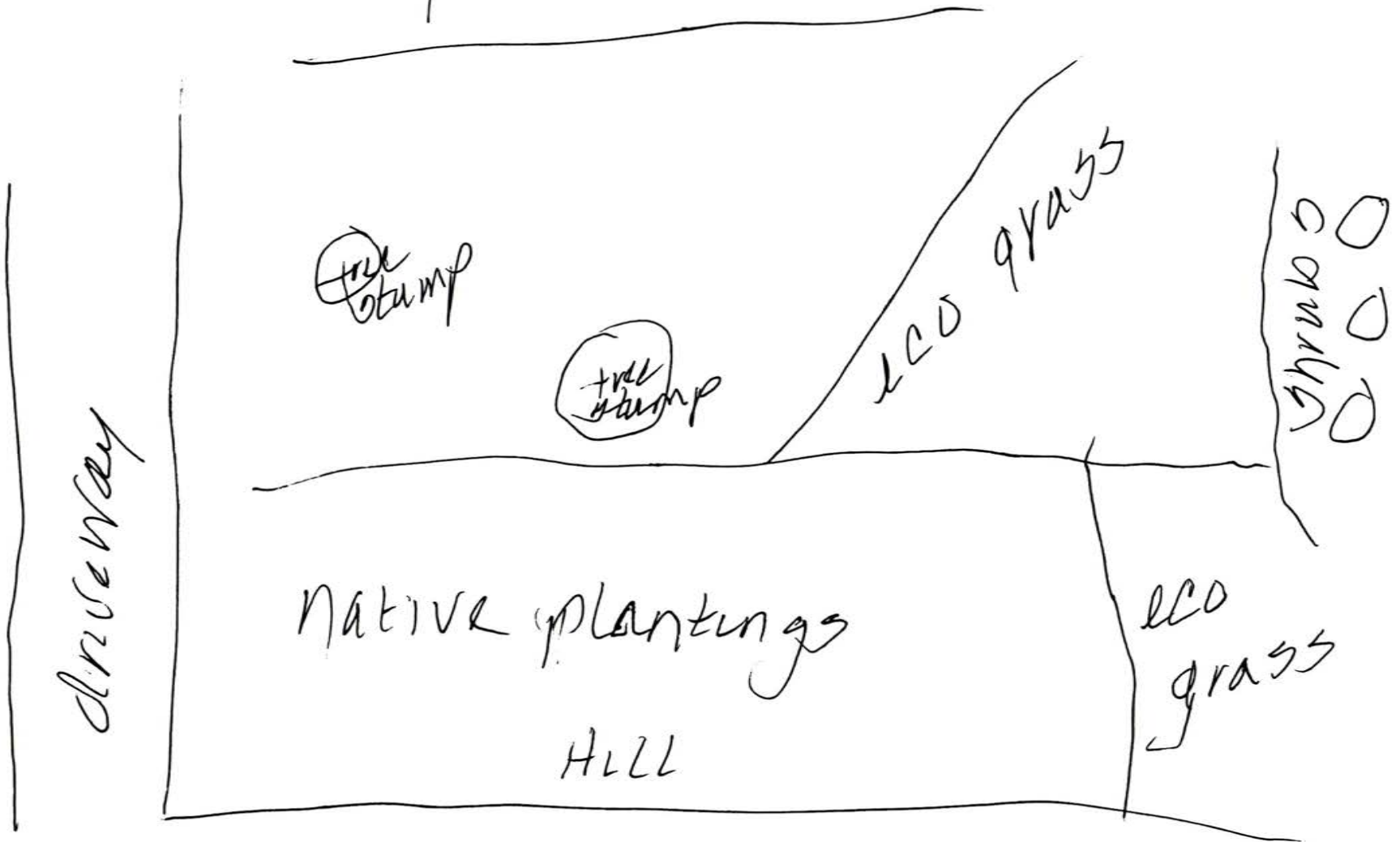
SHG 2025-06 Tessier Turfgrass Replacement Application



-  Ramsey County Parcels
-  Project Location
-  Flow Arrows
-  Wetland

VLAWMO TEC - May 2025

9076 Ochungeman Rd
house



Cost Estimate

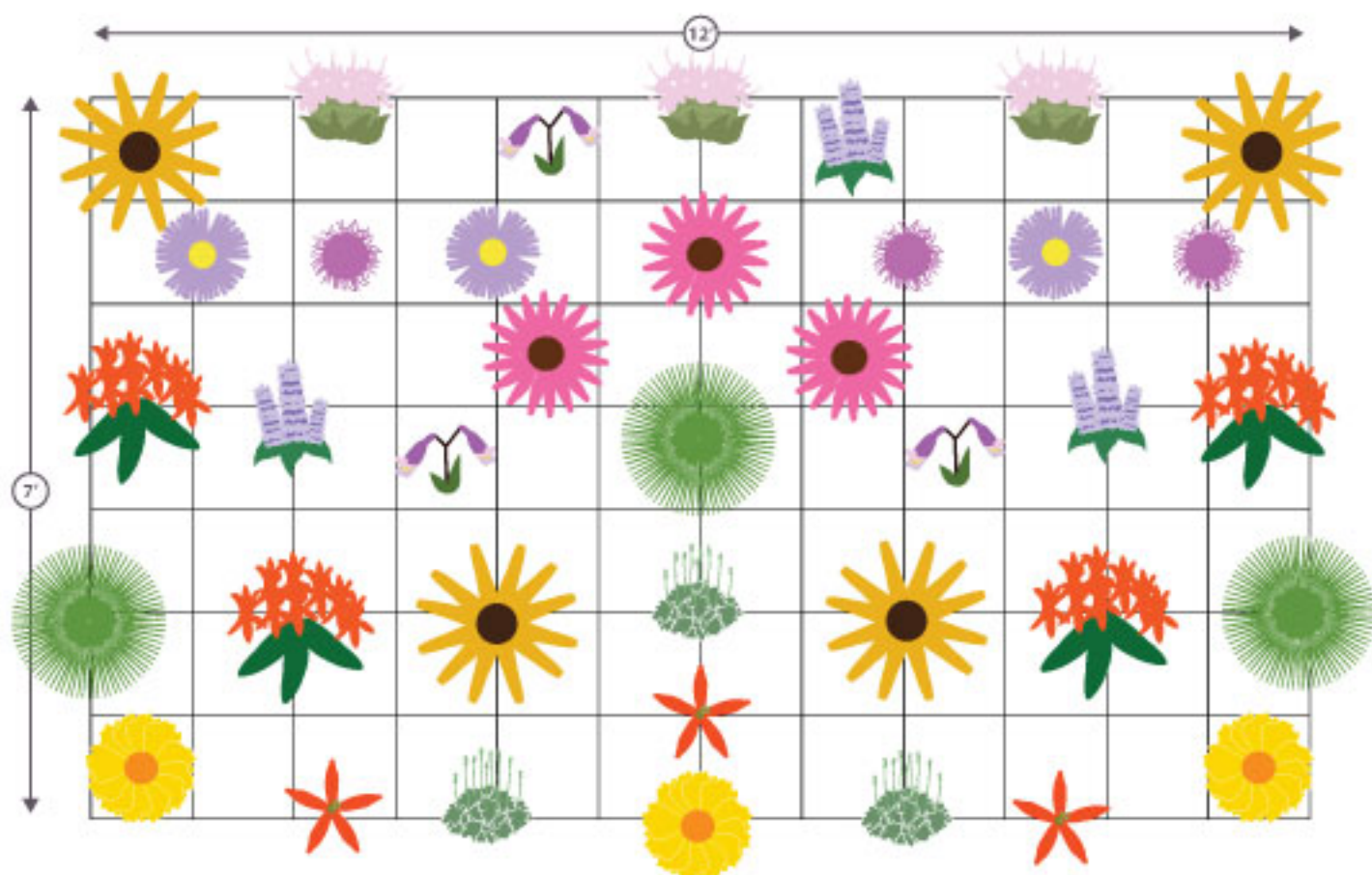
Plants, Grass and Shrubs, 4076 Scheuneman Road, Gem Lake

Prairie Moon Pollinator Palooza Seed Mix 1,500 square feet	\$ 55.00
Oats Cover Crop, 3 pounds	\$ 12.00
Prairie Moon Eco Grass 1800 square feet	\$ 70.00
Button Bush	\$98.00
3 Nine Bark Shrubs \$64.00 each	\$ 192.00
Dogwood Garden Glow Shrub	\$64.00
Prairie Moon Pollinator Live Plugs-38 Plant	\$159.00
Black Plastic	\$38.00
	\$ 688.00

THE POLLINATOR GARDEN

SPRING 2025

LAYOUT SUGGESTIONS FOR PLANTING



38 PLANTS | 11 Flowers, 1 Grass | Covers 75 - 100 sq ft.



Anise Hyssop (3)



Wild Bergamot (3)



Butterfly Weed (4)



Hairy Beardtongue (3)



Lance-leaf Coreopsis (3)



Orange Coneflower (4)



Purple Coneflower (3)



Royal Catchfly (3)



Prairie Alumroot (3)



Smooth Blue Aster (3)



Button Blazing Star (3)



Prairie Dropseed (3)



V. A. Tessier Turfgrass Replacement

SHG 2025-06 Grant Application

Lauren Sampedro
TEC Meeting
5/14/2025



SHG 2025-06–Location Aerial



Existing Area



Proposed Plan



SECOND AMENDMENT TO THE CONTACTOR SERVICES AGREEMENT
(Tamarack Lake Alum Treatment Project)

This Second Amendment (“**Amendment**”) is made and entered into this ____ day of _____, 2025 by and between the Vadenais Lake Area Water Management Organization (“**VLAWMO**”) and Lake Restoration, Inc. (“**Contractor**”).

RECITALS

- A. The parties entered into a Contractor Services Agreement dated August 28, 2024 (“**Agreement**”) to have the Contractor conduct up to four phases of alum applications to equal the full treatment on Tamarack Lake (the full treatment dose was determined in the feasibility study by Barr Engineering, which is part of the Agreement).
- B. The Contractor provided the phase 1 application in 2024, phase 2 application in spring 2025, and the parties are planning to have the Contractor provide the phase 3 application during 2025.
- C. The parties desire to update the rates in the Agreement for the phase 3 application to be provided in 2025.
- D. The updated rates for phase 3 in 2025 are attached hereto as Exhibit A (“Updated 2025 Rates”).

AMENDMENT

In consideration of the mutual promises and agreements made between the parties regarding this matter, the parties hereby agree to amend the Agreement as follows:

- 1. Phase 3 Application. The parties agree that the updated 2025 Rates, provided in this amendment, shall apply to the phase 3 alum application to be performed by the Contractor on Tamarack Lake, and that the updated 2025 Rates replace the rates contained in Exhibit B of the Agreement for the purposes of the phase 3 application. VLAWMO agrees to pay the Contractor based on the updated 2025 Rates for the phase 3 application.
- 2. Good Faith Negotiations. The parties agree to negotiate in good faith to agree upon an amendment for the remaining phase of the project, the timing of which is contingent upon monitoring data and the project engineer’s recommendation.
- 3. No Other Amendments. This Amendment, which includes the recitals and the exhibit, is limited to updating the unit price amounts for phase 3 and negotiating in good faith regarding the rates for the remaining future phase. This Amendment does not modify any other provisions of the Agreement, all of which continue to remain in effect.

IN WITNESS THEREOF, the parties hereto have executed this Amendment as of the day and year written above.

VLAWMO:

Contractor:

By: _____
Board Chair

By: Paul Krutort
V.P. Sales and Marketing

By: _____
Administrator

Date: 05/06/2025

Date: _____

LAKE RESTORATION, INC.

YOUR LOCAL AQUATIC EXPERTS SINCE 1977



04/29/2025

Lake: Tamarack

County: Ramsey

Barr Engineering Company
Attn: Greg Wilson
4300 MarketPointe Drive, Suite 200
Bloomington, MN 55435

Lake Restoration Unit Prices – 2025 Fall Alum Treatment For Tamarack Lake (Phase 3):

Item	Description	Unit	Estimated Quantity	Unit Price	Extension
2.1	Mobilization/Demobilization to Tamarack Lake	EA	1	\$11,580	\$11,580
2.2	Aluminum Sulfate Application to Tamarack Lake	Pounds	20,000	\$0.79	\$15,800
Total Price					\$27,380

VLAWMO:

By: _____

Its: _____

Signed, _____

Contractor:

By: Paul Kretsch

Its: V.P. Sales & Marketing

Paul Kretsch
Signed, _____



EXHIBIT A
Updated 2025 Rates

[attached hereto]