

**VLAWMO TECHNICAL COMMISSION MEETING**  
**8:00 AM May 10, 2023**

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

**Action items:** ✈

- I. **Call to Order – 8:00am**
  - A. Selection of meeting chair ✈
- II. **Approval of Agenda ✈**
- III. **Approval of Minutes (April 12, 2023) ✈**
- IV. **Administration & Operations**
  - A. Appointment of TEC representative to May 24<sup>th</sup> budget subcommittee meeting – ✈Phil
  - B. Financial Report for May and Authorization for Payment ✈ – Phil Pg. 7
  - C. Spring flooding, lawn care, and climate data tools - Nick Pg. 15
- V. **Programs**
  - A. CB-2023-01: Minnesota Water Steward Captone ✈ - Nick Pg. 15
  - B. Rotary Park field days with Birch Lake Elementary - Nick Pg. 17
- VI. **Projects**
  - A. Pleasant Lake surveys Board approval – Phil Pg. 17
  - B. Carp project update – Phil Pg. 18
- 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 10<sup>th</sup>, Board Meeting: June 28<sup>th</sup>
- XIII. **Adjourn**

**Upcoming Events:**

Adopt-a-Drain at Minnesota Twins: May 14  
AFSA Service Day: May 26  
Landscape Revival: June 10

**Vadnais Lake Area Water Management Organization  
Technical Commission (TEC) Minutes  
April 12, 2023  
Vadnais Heights City Hall, Council Chambers  
800 County Road E East, Vadnais Heights, MN 55127**

**Commission Members Present:**

Jesse Farrell	Chair, Vadnais Heights (VH)
Gloria Tessier	Vice Chair, Gem Lake (GL)
Andy Nelson	Lino Lakes (LL)
Terry Huntrods	White Bear Lake (WBL)
Jami Philip	White Bear Township (WBT)
Susan Miller	North Oaks (NO)

**Absent:** None

**Others in attendance:** Phil Belfiori, Dawn Tanner, Brian Corcoran, Lauren Sampedro, Nick Voss (VLAWMO staff), Katherine Doll Kanne (VLAWMO Board of Directors), Anne Sawyer (BWSR), Ed Shapland (Minnesota Water Steward/CAC), Julie Hupperts (NOHOA).

**I. Call to Order**

Chair Farrell called the meeting to order at 8:00 am.

Special presentation: Administrator Belfiori and Board member Katherine Doll Kanne presented an appreciation award commemorating Chair Farrell's service as chair of the Technical Commission.

Administrator Belfiori introduced Anne Sawyer from the Minnesota Board of Water and Soil Resources (BWSR). Anne is the BWSR representative that serves as VLAWMO's main point of contact and has advisory and supervisory roles regarding VLAWMO's operations and planning.

**II. Approval of Agenda**

It was moved by Commissioner Tessier and seconded by Commissioner Miller to approve the April 12, 2023 TEC agenda Vote: all aye. Motion passed.

**III. Approval of Minutes (March 8, 2023)**

It was moved by Commissioner Huntrods and seconded by Commissioner Miller to approve the March 8, 2023 meeting minutes as presented. Vote: all aye. Motion passed.

## IV. Administration & Operations

### A. Financial Report for April and Authorization for Payment

Administrator Belfiori outlined the financial report as included in the April TEC packet. Notable items include income from interest, audit expenses, East Goose Lake spent lime efforts, and design work for the Wilkinson deepwater wetland. Staff recommends approval for payment.

It was moved by Commissioner Tessier and seconded by Commissioner Nelson to approve the April financial report and authorization for payment. Vote: all aye. Motion passed.

### B. TEC report to Board of Directors

Administrator Belfiori summarized temporary access easements were received from several landowners around Oak Knoll Pond, public ditch maintenance inspections are underway in partnership with the City of Vadnais Heights, Wilkinson Lake BMP going forward, a Pleasant Lake carp management presentation, smart irrigation controller potential partnership with White Bear Lake School District, and 2024 budget formation.

It was moved by Commissioner Tessier and seconded by Commissioner Huntrods to approve the April TEC report to the Board of Directors. Vote: all aye. Motion passed.

### C. TEC representative on 2024 budget subcommittee

Administrator Belfiori brought the 2024 budget Board subcommittee to attention noting that the scheduling of the subcommittee meeting is likely to take place before the next TEC May 10<sup>th</sup> meeting and a representative to replace Chair Farrell is needed. Chair Farrell further described the role of this subcommittee in that it allows for a special learning opportunity to see how VLAWMO efforts are prioritized and sequenced in the budget.

## V. Programs

### A. Update on 2022 Annual Report and Monitoring Report

Corcoran and Voss presented the 2022 annual monitoring report and annual report. Corcoran summarized average lake phosphorus levels. This data and past data helps plan future projects and remedy lake impairments. Corcoran outlined the water monitoring highlights included in the report such as carp removal at Pleasant Lake, remote monitoring on Lambert Creek, an update on Lambert Creek flow in 2022 with rainfall almost 7" below normal, sediment sampling at Oak Knoll pond, and a summary of the chloride program that's been running for 13 years.

Voss presented the "Watershed at a Glance", a segment of the annual report that contains project highlights including the Bridgewood raingarden and Whitaker Pond biochar,

among others. He also guided the TEC through the project tables from the annual report, explaining that one table is a review of 2022 activities and the other a line-up of goals outlined for 2023. Commissioner Miller congratulated staff on their work.

**B. Education update: Spring workshops, prints, website**

Voss presented a summary of the spring 2023 workshops with a description of workshops that have taken place and one more remaining, which is Raingardens 101 scheduled for April 20<sup>th</sup>. Voss also provided a demonstration of the educational print outs that were completed in March and April including cost-share brochures, the watershed at a glance, a Blue Thumb native plant guide, and a re-print of the VLAWMO “about us” flyer. He noted that the website efforts are currently focused on HDR designing a mock up of the new website.

## **VI. Projects**

**A. Wilkinson BMP/319 Update**

Tanner updated the TEC, including stating that WCA and Army Corps of Engineers permitting is complete. VLAWMO staff will be attending the North Oaks City Council toward completion of any needed City permitting on April 13<sup>th</sup>. VLAWMO staff, with Houston Engineering, held a community meeting on March 22<sup>nd</sup> in North Oaks presenting the 60% design stage. Recent publications include March and April North Oaks News articles. Tanner described these activities using the project dashboard and referenced the funding status to date.

**B. Spent Lime Oak Knoll Pond/Wood Lake update**

Tanner stated that the project team (VLAWMO staff, City of WBL staff, and Barr Engineering) has completed the temporary easement acquisition effort for spent lime application. Following mailings and communication with residents living around the pond/lake, VLAWMO received 10 easements out of 23 parcels around the lake/pond, granting temporary access for the possible project. Tanner noted that a packet will be presented to the Board for requested authorization at the April VLAWMO Board meeting.

**C. Pleasant Lake carp removal update**

Tanner explained that project coordination is underway for a spring common carp removal in the Pleasant Lake system. Carp Solutions has secured the necessary permits from MN DNR for the temporary barrier and removal. VLAWMO staff, with assistance from UMN community-engaged learning students, have been checking carp locations with the remaining functioning active telemetry tags. VLAWMO is looking forward to another season of carp removals with Carp Solutions.

**D. Birch Lake AIS removal MN DNR grant/BLID partnership update**

Tanner explained that project coordination is underway for the second year of Eurasian watermilfoil and Curly-leaf pondweed removal in Birch Lake in partnership with BLID. The effort is part of a 2-year AIS removal grant from MN DNR. RCSWCD will be working with VLAWMO staff to conduct the required pre/post delineations. MN DNR will approve the permit for this work when they receive the pre delineation. Hand removal is expected again this year, working with Dive Guys, LLC. Tanner and Commissioner Huntrods verified that BLID and membership are up to date on upcoming plans for the 2023 season.

**E. Vadnais-Sucker Lakes Regional Park restoration update**

Sampedro said Minnesota Native Landscapes (MNL) completed the first phase of invasive species removal work in the upland sections of Vadnais-Sucker Lakes Regional Park as part of the restoration project. This area was almost 20 acres in size. MNL will be returning in the fall for the first phase of follow up foliar treatment. They will begin cutting the next area of the project the following spring, which will be within wetland areas.

Commissioner Miller asked about the total acreage being restored, Sampedro responded about 40, but she will double check.

**F. East Vadnais Lake subwatershed resiliency study update**

Sampedro summarized staff applied for a MPCA Community Planning Grant for stormwater resiliency to help protect drinking water, reduce runoff rates and volumes, and reduce chronic flooding at the intersection of Centerville Rd and Edgerton St. in the East Vadnais Lake subwatershed. Sampedro updated the TEC that the MPCA grant was not selected, however the application partnership with the City of Vadnais Heights, Ramsey County, and SPRWS is proceeding in lieu of the grant. The next step to continue the effort includes MOUs for each partner and a Request for Services that will be used to collect bids for the study.

Chair Farrell noted that a project that has four major partners is an impressive collaboration. The application partners are working on a study for the Centerville Rd/Edgerton St flooding near the future site of Big Wood Brewery and sees the resiliency study efforts as complimentary.

**I. Commissioner Reports**

Chair Farrell acknowledged and welcomed new Commissioner Susan Miller for the City of North Oaks. Commissioner Miller noted how much the City and North Oaks Home Owner's Association appreciate working with VLAWMO, and that VLAWMO provides a knowledge base to the community.

Commissioner Philip provided that spring activities at White Bear Township includes installing erosion control and stormwater inlet protections.

Huntrods notes that BLID is curious and anxious to see if there was any fish kill on Birch Lake this winter but is yet to see as the ice melts.

Chair Farrell reports active street sweeping in the City of Vadnais Heights. Only one sweeper is currently operating due to the high need for pothole patching.

**II. NOHOA**

None

**III. Ramsey Soil & Water Conservation Division**

None

**IV. St. Paul Regional Water Services**

None

**V. Public Comment**

None

**VI. Next Meetings:**

Next TEC meeting May 10<sup>th</sup>. Next BOD meeting April 26<sup>th</sup>.

**XIII. Adjourn**

It was moved by Commissioner Tessier and seconded by Commissioner Huntrods to adjourn the meeting at 8:51 am. Vote: all aye. Motion passed.

Minutes compiled by Nick Voss.

# VLAWMO Finance Summary: May 2023

May-23		Actual 5/1/23	Actual to Date	2023 Budget	Carry over from 2022 to 2023	Remaining in Budget	2023 Available	Act vs. Budget
<b>BUDGET #</b>	<b>INCOME</b>							
<b>5.11</b>	Storm Water Utility	\$0	\$10,891	\$1,090,887	\$0	\$1,079,996	\$1,090,887	1%
<b>5.12</b>	Service Fees	\$0	\$0	\$200	\$0	\$200	\$200	0%
<b>5.13</b>	Interest + mitigation acct	\$4,492	\$17,857	\$1,000	\$0	(\$16,857)	\$1,000	1786%
<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/loan	\$0	\$69,693	\$385,284	\$0	\$315,591	\$385,284	18%
<b>5.16</b>	Transfer from reserves	\$0	\$0	\$294,364	\$231,999	\$526,363	\$526,363	0%
	<b>TOTAL</b>	<b>\$4,492</b>	<b>\$98,441</b>	<b>\$1,774,735</b>	<b>\$231,999</b>	<b>\$1,908,293</b>	<b>\$2,006,734</b>	<b>6%</b>
<b>EXPENSES</b>								
<b>3.1</b>	<b>Operations &amp; Administration</b>							
<b>3.110</b>	Office - rent, copies, post tel supplies	\$2,236	\$10,700	\$28,181	\$0	\$17,481	\$28,181	38%
<b>3.120</b>	Information Systems	\$1,589	\$7,603	\$33,300	\$0	\$25,697	\$33,300	23%
<b>3.130</b>	Insurance	\$161	\$161	\$7,571	\$0	\$7,410	\$7,571	2%
<b>3.141</b>	Consulting - Audit	\$2,524	\$10,585	\$9,000	\$0	(\$1,585)	\$9,000	118%
<b>3.142</b>	Consulting - Bookkeeping	\$63	\$153	\$1,500	\$0	\$1,347	\$1,500	10%
<b>3.143</b>	Consulting - Legal	\$0	\$641	\$6,000	\$0	\$5,359	\$6,000	11%
<b>3.144</b>	Consulting - Eng. & Tech.	\$772	\$772	\$30,000	\$15,000	\$44,228	\$45,000	2%
<b>3.150</b>	Storm Sewer Utility	\$1,723	\$2,978	\$15,000	\$0	\$12,022	\$15,000	20%
<b>3.160</b>	Training (staff/board)	\$0	\$7,800	\$13,250	\$0	\$5,450	\$13,250	59%
<b>3.170</b>	Misc. & mileage	\$234	\$611	\$6,300	\$0	\$5,689	\$6,300	10%
<b>3.191</b>	Administration - staff	\$31,403	\$170,829	\$422,353	\$0	\$251,524	\$422,353	40%
<b>3.192</b>	Employer Liability	\$9,475	\$49,220	\$122,428	\$0	\$73,208	\$122,428	40%
<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	\$72	\$928	\$3,000	\$1,000	\$3,072	\$4,000	23%
<b>3.230</b>	Wetland assessment & management	\$0	\$0	\$0	\$10,000	\$10,000	\$10,000	0%
<b>3.240</b>	Watershed planning /special study	\$0	\$0	\$10,000	\$5,000	\$15,000	\$15,000	0%
<b>3.3</b>	<b>Education and Outreach</b>							
<b>3.310</b>	Public Education	\$100	\$2,107	\$6,000	\$0	\$3,893	\$6,000	35%
<b>3.320</b>	Marketing	\$1,093	\$3,372	\$15,000	\$9,500	\$21,128	\$24,500	14%
<b>3.330</b>	Community Blue Ed Grant	\$0	\$0	\$8,000	\$0	\$8,000	\$8,000	0%
<i>Total Core functions: Ops, Monitoring, Education</i>		<i>\$51,445</i>	<i>\$268,460</i>	<i>\$754,883</i>	<i>\$40,500</i>	<i>\$526,923</i>	<i>\$795,383</i>	<i>34%</i>
<b>Capital Improvement Projects and Programs</b>								
<b>3.4</b>	<b>Subwatershed Activity</b>							
<b>3.410</b>	Gem Lake	\$0	\$0	\$15,000	\$10,000	\$25,000	\$25,000	
<b>3.420</b>	Lambert Creek	\$0	\$2,083	\$55,000	\$0	\$52,917	\$55,000	4%
<b>3.421</b>	Lambert Lake Loan	\$19,284	\$19,284	\$38,568	\$0	\$19,284	\$38,568	50%

3.425	Goose Lake	\$687	\$12,693	\$92,500	\$0	\$79,807	\$92,500	14%
3.430	Birch Lake	\$0	\$0	\$20,000	\$0	\$20,000	\$20,000	0%
3.440	Gilf Black Tam Wilk Amelia	\$11,963	\$53,467	\$157,500	\$43,000	\$147,033	\$200,500	27%
3.450	Pleasant Charley Deep	\$11,560	\$11,560	\$48,000	\$30,000	\$66,440	\$78,000	15%
3.460	Sucker Vadnais	\$0	\$1,857	\$35,000	\$28,000	\$61,143	\$63,000	3%
3.48	<b>Programs</b>							
3.480	Soil Health Grant	\$0	\$78	\$8,000	\$0	\$7,922	\$8,000	1%
3.481	Landscape 1	\$0	\$0	\$30,000	\$6,263	\$36,263	\$36,263	0%
3.482	Landscape 2/BWSR WBF	\$638	\$1,576	\$35,000	\$36,636	\$70,060	\$71,636	2%
3.483	Project Research & feasibility	\$0	\$0	\$5,000	\$0	\$5,000	\$5,000	0%
3.485	Facilities Maintenanc/ Pub. Ditch Main.	\$2,965	\$5,657	\$90,000	\$37,600	\$121,943	\$127,600	4%
3.5	<b>Regulatory</b>							
3.510	Engineer Plan review	\$0	\$0	\$5,000	\$0	\$5,000	\$5,000	0%
	<i>Total CIP &amp; Program</i>	\$47,097	\$108,255	\$634,568	\$191,499	\$717,812	\$826,067	13%
	<b>Total of Core Operations &amp; CIP</b>	<b>\$98,542</b>	<b>\$376,715</b>	<b>\$1,389,451</b>	<b>\$231,999</b>	<b>\$1,244,735</b>	<b>\$1,621,450</b>	<b>23%</b>

<b>Fund Balance</b>	4/1/2023	5/1/2023
4M Account	\$927,289	\$846,347
4M Plus Savings	\$230,942	\$231,872
Total	\$1,158,231	\$1,078,219

<b>Restricted funds</b>		5/1/2023
Mitigation Savings		\$21,014
Term Series		\$0

**Vadnais Lake Area Water Management Organiz:**  
**Profit & Loss**  
**April 13 through May 10, 2023**

1:26 PM  
 05/03/2023  
 Cash Basis

**Apr 13 - May 10, 23**

<b>Ordinary Income/Expense</b>	
<b>Income</b>	
5.1 · Income	
5.13 · Interest	4,491.75
<b>Total 5.1 · Income</b>	<u>4,491.75</u>
<b>Total Income</b>	<u>4,491.75</u>
<b>Gross Profit</b>	<u>4,491.75</u>
<b>Expense</b>	
3.1 · Administrative/Operations	
3.110 · Office	
Copies	156.54
Phone/Internet/Machine Overhead	305.00
Postage	29.40
Rent	1,715.00
Supplies	29.89
<b>Total 3.110 · Office</b>	<u>2,235.83</u>
3.120 · Information Systems	
IT Support	1,439.00
Software	149.90
<b>Total 3.120 · Information Systems</b>	<u>1,588.90</u>
3.130 · Insurance	161.00
3.141 · Audit	2,524.20
3.142 · Bookkeeping help	63.19
3.144 · Eng. & Tech.	771.65
3.150 · Storm Sewer Utility	1,722.50
3.170 · Misc. & mileage	234.38
3.191 · Employee Payroll	
payroll	31,403.28
<b>Total 3.191 · Employee Payroll</b>	31,403.28
3.192 · Employer Liabilities	
Admin payroll processing	44.92
Administration FICA	2,282.97
Administration PERA	2,355.24
Insurance Benefit	4,791.95
<b>Total 3.192 · Employer Liabilities</b>	<u>9,475.08</u>
<b>Total 3.1 · Administrative/Operations</b>	<u>50,180.01</u>
3.2 · Monitoring and Studies	
3.220 · Equipment	71.97
<b>Total 3.2 · Monitoring and Studies</b>	<u>71.97</u>
3.3 · Education and Outreach	
3.310 · Public Education	100.00
3.320 · Marketing	1,093.18
	<u>1,093.18</u>

<b>Total 3.3 · Education and Outreach</b>	1,193.18
<b>3.4 · Capital Imp. Projects/Programs</b>	
<b>3.421 · Lambert Lake Loan \$385,689.54</b>	19,284.48
<b>3.425 · Goose Lake</b>	
Oak Knoll	687.00
<b>Total 3.425 · Goose Lake</b>	<u>687.00</u>
<b>3.440 · Gilfillan Black Tamarack Wilkin</b>	
Wilk 319 cash match \$182,137	11,962.66
<b>Total 3.440 · Gilfillan Black Tamarack Wilkin</b>	<u>11,962.66</u>
<b>3.450 · Pleasant Charley Deep</b>	<u>11,560.00</u>
<b>Total 3.4 · Capital Imp. Projects/Programs</b>	43,494.14
<b>3.48 · Programs</b>	
<b>3.482 · Landscape 2</b>	637.50
<b>3.485 · Facilities &amp; Maintenance</b>	2,965.40
<b>Total 3.48 · Programs</b>	<u>3,602.90</u>
<b>Total Expense</b>	<u>98,542.20</u>
<b>Net Ordinary Income</b>	<u>-94,050.45</u>
<b>Net Income</b>	<u><u>-94,050.45</u></u>

**Vadnais Lake Area Water Management Organization**  
**Check Detail**  
 April 13 through May 10, 2023

1:23 PM  
 05/03/2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	eft	05/01/2023	Reliance Standard		Checking - 1987		-312.17
				Insurance Benefit		-91.50	91.50
				Insurance Benefit		-220.67	220.67
TOTAL						-312.17	312.17
Check	eft	05/10/2023	US Bank		Checking - 1987		-63.19
				3.142 · Bookkeeping help		-63.19	63.19
TOTAL						-63.19	63.19
Check	5541	05/10/2023	Lauren Sampedro		Checking - 1987		-38.45
				3.170 · Misc. & mileage		-38.45	38.45
TOTAL						-38.45	38.45
Check	5542	05/10/2023	Dawn Tanner		Checking - 1987		-120.00
				3.170 · Misc. & mileage		-120.00	120.00
TOTAL						-120.00	120.00
Check	5543	05/10/2023	Brian Corcoran		Checking - 1987		-66.76
				3.170 · Misc. & mileage		-66.76	66.76
TOTAL						-66.76	66.76
Check	5544	05/10/2023	Nicholas Voss		Checking - 1987		-62.99
				3.170 · Misc. & mileage		-9.17	9.17
				3.320 · Marketing		-53.82	53.82
TOTAL						-62.99	62.99
Check	5545	05/10/2023	Barr Engineering Co		Checking - 1987		-687.00
				Oak Knoll		-425.00	425.00
				Oak Knoll		-262.00	262.00
TOTAL						-687.00	687.00
Check	5546	05/10/2023	carp solutions		Checking - 1987		-11,560.00
				3.450 · Pleasant Charley Deep		-11,560.00	11,560.00
TOTAL						-11,560.00	11,560.00
Check	5547	05/10/2023	Ramsey County		Checking - 1987		-637.50
				3.482 · Landscape 2		-637.50	637.50
TOTAL						-637.50	637.50
Check	5548	05/10/2023	Houston Engineering, Inc		Checking - 1987		-13,897.66

			3.485 · Facilities & Maintenance	-1,935.00	1,935.00
			Wilk 319 cash match \$182,137	-11,962.66	11,962.66
TOTAL				-13,897.66	13,897.66
	<b>Check 5549</b>	<b>05/10/2023 Innovative Office Solutions</b>	<b>Checking - 1987</b>		<b>-29.89</b>
			Supplies	-29.89	29.89
TOTAL				-29.89	29.89
	<b>Check 5550</b>	<b>05/10/2023 SEH</b>	<b>Checking - 1987</b>		<b>-771.65</b>
			3.144 · Eng. & Tech.	-771.65	771.65
TOTAL				-771.65	771.65
	<b>Check 5551</b>	<b>05/10/2023 Ehlers &amp; Associates, Inc.</b>	<b>Checking - 1987</b>		<b>-1,722.50</b>
			3.150 · Storm Sewer Utility	-1,722.50	1,722.50
TOTAL				-1,722.50	1,722.50
	<b>Check 5552</b>	<b>05/10/2023 Kennedy &amp; Graven, Chartered</b>	<b>Checking - 1987</b>		<b>-1,030.40</b>
			3.485 · Facilities & Maintenance	-1,030.40	1,030.40
TOTAL				-1,030.40	1,030.40
	<b>Check 5553</b>	<b>05/10/2023 Metro - Inet</b>	<b>Checking - 1987</b>		<b>-1,439.00</b>
			IT Support	-1,439.00	1,439.00
TOTAL				-1,439.00	1,439.00
	<b>Check 5554</b>	<b>05/10/2023 diana grundeen</b>	<b>Checking - 1987</b>		<b>-100.00</b>
			3.310 · Public Education	-100.00	100.00
TOTAL				-100.00	100.00
	<b>Check 5555</b>	<b>05/10/2023 FastSigns</b>	<b>Checking - 1987</b>		<b>-97.36</b>
			3.320 · Marketing	-97.36	97.36
TOTAL				-97.36	97.36
	<b>Check 5556</b>	<b>05/10/2023 City of Vadnais Heights</b>	<b>Checking - 1987</b>		<b>-2,205.94</b>
			Rent	-1,715.00	1,715.00
			Phone/Internet/Machine Overhead	-305.00	305.00
			Postage	-29.40	29.40
			Copies	-156.54	156.54
TOTAL				-2,205.94	2,205.94
	<b>Check 5557</b>	<b>05/10/2023 League of MN Cities Insurance Trust WC</b>	<b>Checking - 1987</b>		<b>-161.00</b>
			3.130 · Insurance	-161.00	161.00
TOTAL				-161.00	161.00
	<b>Check 5558</b>	<b>05/10/2023 CliftonLarsonAllen</b>	<b>Checking - 1987</b>		<b>-2,524.20</b>
			3.141 · Audit	-2,524.20	2,524.20

TOTAL			-2,524.20	2,524.20
<b>Check 5559</b>	<b>05/10/2023 impressive print</b>	<b>Checking - 1987</b>		<b>-942.00</b>
		3.320 · Marketing	-190.00	190.00
		3.320 · Marketing	-252.00	252.00
		3.320 · Marketing	-500.00	500.00
TOTAL			<u>-942.00</u>	942.00
<b>Check 5560</b>	<b>05/10/2023 City of White Bear Lake</b>	<b>Checking - 1987</b>		<b>-40,566.19</b>
		payroll	-31,403.28	31,403.28
		Administration FICA	-2,282.97	2,282.97
		Administration PERA	-2,355.24	2,355.24
		Insurance Benefit	-4,479.78	4,479.78
		Admin payroll processing	-44.92	44.92
TOTAL			<u>-40,566.19</u>	40,566.19
<b>Check 5561</b>	<b>05/10/2023 Minnesota Pollution Control Agency</b>	<b>Checking - 1987</b>		<b>-19,284.48</b>
		3.421 · Lambert Lake Loan \$385,689.54	-19,284.48	19,284.48
TOTAL			<u>-19,284.48</u>	19,284.48

**Vadnais Lake Area Water Management Organization**  
**Custom Transaction Detail Report**  
**March 1 through May 1, 2023**

1:21 PM

05/03/2023

Accrual Basis

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount	Balance
<b>Mar 1 - May 1, 23</b>									
Credit Card Charge	03/02/2023		Google*SVCAPPS_VLAWM		US Bank CC	√	WEB	42.00	42.00
Credit Card Charge	03/08/2023		adobe *photography plan		US Bank CC	√	Software	9.99	51.99
Credit Card Charge	03/10/2023		CN Labs	YSI diagnostics	US Bank CC	√	3.220 · Equipment	651.64	703.63
Transfer	03/20/2023			Funds Transfer	US Bank CC	√	Checking - 1987	-150.94	552.69
Credit Card Charge	03/23/2023		Prairie Restorations	seed for E. Vadnais resto.	US Bank CC	√	3.460 · Sucker Vadnais	287.02	839.71
Credit Card Charge	03/24/2023		Prairie Moon Nursery	seed for E. Vadnais resto.	US Bank CC	√	3.220 · Equipment	20.00	859.71
Credit Card Charge	03/27/2023		POND5	picture of salamander	US Bank CC	√	3.310 · Public Education	7.00	866.71
Credit Card Charge	03/27/2023		Adobe "Creative Cloud		US Bank CC	√	Software	32.20	898.91
Credit Card Charge	03/29/2023		CDW Government	phil laptop battery	US Bank CC	√	Hardware	94.86	993.77
Credit Card Charge	04/03/2023		Google*SVCAPPS_VLAWM		US Bank CC	√	WEB	41.99	1,035.76
Credit Card Charge	04/04/2023		Trophies By EDCO	Tec award Jesse	US Bank CC	√	3.310 · Public Education	87.30	1,123.06
Credit Card Charge	04/05/2023		POND5	pictures	US Bank CC	√	3.320 · Marketing	8.00	1,131.06
Credit Card Charge	04/11/2023		Frattalone Companies	keys for Carp Solutions	US Bank CC		3.220 · Equipment	10.76	1,141.82
Credit Card Charge	04/13/2023		Target	remote camara battery	US Bank CC		3.220 · Equipment	71.97	1,213.79
Credit Card Charge	04/28/2023		Zoom	subscription april23-april24	US Bank CC		Software	149.90	1,363.69
								<b>1,363.69</b>	<b>1,363.69</b>
<b>Mar 1 - May 1, 23</b>									

## TEC Staff Memo – May 10, 2023

### IV. Administration & Operations

**A. Appointment of TEC representative to May 24<sup>th</sup> budget subcommittee meeting** As a follow-up to the discussion at the April TEC meeting, the VLAWMO Board of Directors approved a motion at the April 28<sup>th</sup> meeting to request a member of the TEC attend the May 24<sup>th</sup> 2023 Board subcommittee meeting (6:30pm at Vadnais Heights City Hall). Staff requests that the TEC appoint a representative to attend this meeting.

**B. Financial report for May and Authorization for Payment**

Please find the May financial report and authorization to pay bills in the ePacket for review and approval.

**C. Spring flooding, spring lawn care, and climate data tools**

Nick Voss will provide a brief presentation conveying local resources to help be informed on flooding and climate trends, and to support communications in these areas to constituents. Voss will also describe a new web resource for municipal partners regarding May lawn mowing trends such as No Mow May and Slow Mow May.

Find a write-up summary on “No Mow May” and current spring lawn care trends at the VLAWMO blog:

[www.vlawmo.org/news/blog/slow-mow-may-balanced-way](http://www.vlawmo.org/news/blog/slow-mow-may-balanced-way)

Retrieve state and local climate data for custom graphs:

<https://arcgis.dnr.state.mn.us/ewr/climatetrends/>

National Weather Service Twin Cities Spring flood outlook:

<https://storymaps.arcgis.com/stories/3980977dd53a459c88476bedb7799bd3>

### V. Programs

**A. CB-2023-01: Minnesota Water Steward Capstone**

Megan Sigmon-Olsen will be completing the Minnesota Water Steward training in May, 2023. Part of this training includes a capstone project, which takes place from May to the end of 2023 as needed. As with past Minnesota Water Steward capstone projects and according to the Community Blue grant policies, Minnesota Water Stewards apply for a Community Blue grant to support their capstone efforts. Up to \$5,000 is available for a Minnesota Water Steward Community Blue application. As of packet release date (5/3/23) the Community Blue application is in preparation. Nick Voss will present the application and provide an overview of the project particulars during the 5/10/23 TEC meeting.

Megan's capstone is focused on the Rice Lake wetland complex in White Bear Township. As a resident of Oakmede Lane and member of the Rice Lake Home Owner's Association, Megan will be 1) Continuing the Rice Lake purple loosestrife beetle effort that was initiated by the Rice Lake Home Owner's Association (HOA) in 2016 (\$8,000 Community Blue Grant) and 2) Conducting education and outreach in the form of a neighborhood mailing and raingarden tours in conjunction with National Night Out (August 1<sup>st</sup>, 2023).

The 2016 purple loosestrife beetle introduction at Rice Lake was pioneered by the HOA and contracted with Fortin Consulting to conduct the beetle release and DNR permitting. Consensus in the field of purple loosestrife biocontrol is that over time, beetle populations can require new beetle releases to sustain the population and continue limiting purple loosestrife in the wetland complex. The most common reason for beetle population decline is a poor winter survival rate. Megan will be contracting again with Fortin Consulting (now Bolton & Menk) for oversight, materials, and DNR permitting on beetle release.

Education elements to compliment the beetle release will consist of education on purple loosestrife and its impact on wetlands, proper yard waste disposal to support wetland health, lawn alternatives such as raingardens, and other VLAWMO-endorsed efforts such as Adopt-a-Drain.

Excerpt from the MN DNR webpage on purple loosestrife biocontrol: [Webpage link](#)

*"The long-term objective of biological control is to reduce the abundance of purple loosestrife in wetland habitats throughout Minnesota. Biological control, if effective, will reduce the impact of purple loosestrife on wetland flora and fauna. Purple loosestrife will not be eradicated from most wetlands where it presently occurs, but its abundance can be significantly reduced so that it is only a small component of the plant community, not a dominant one. Leaf-eating beetles released since 1992 have established reproducing populations at more than 90% of the sites visited. They have also dispersed from release sites and established at new sites. Leaf-eating beetles have been found on unmanaged purple loosestrife infestations more than 12 miles away from where they were released.*

*When leaf-eating beetles successfully limit the abundance of a purple-loosestrife infestation, the beetles disperse to sites with higher abundances of the plant. So, to continue to limit purple loosestrife in Minnesota, managers and volunteers work to facilitate beetle dispersal to purple loosestrife sites without established beetle populations."*

## **B. Rotary Park Field Days with Birch Lake Elementary**

VLAWMO, Birch Lake Elementary, the City of White Bear Lake, and the White Bear Rotary are working together to create an educational experience that complements the Birch Lake Rotary Park habitat restoration (VLAWMO grant-funded 2022). The activity consists of two half-day classroom visits to numerous classrooms (May 13, 14), and two half-day field visits to the park and restoration site. Nick Voss will briefly preview the concepts and storytelling methods utilized in the curriculum with ideas on how this can transfer to adult audiences.

## **VI. Projects**

### **A. Pleasant Lake surveys Board approval**

The VLAWMO Board approved adding 2 vegetation surveys (1 focused on Curly-leaf pondweed early in the season and 1 later in the season focused on native species) and a Curly-leaf pondweed delineation in Pleasant Lake for 2023 survey work with RCSWCD at the April regular Board meeting. This effort is being conducted in partnership with NOHOA and to advance the discussion with the Minnesota Department of Health (MDH) regarding possible chemical treatment of invasive species in Pleasant Lake. This was an addition made to the earlier approved RCSWCD quote for survey work in VLAWMO lakes during 2023.

From the Board packet:

Invasive aquatic plant management in Pleasant Lake is an issue that has been raised by residents in North Oaks. Invasive plants found in Pleasant Lake include Curly-leaf pondweed, which can increase internal phosphorus loading when it dies back in the early summer and releases nutrients into the water column, and Eurasian watermilfoil. In the past, VLAWMO and NOHOA have considered chemical treatment of Curly-leaf pondweed to control this invasive plant species. The Minnesota Department of Health (MDH) would not allow permitting for chemical treatment because they had identified a priority to measure baseline chemical statewide and wanted to complete that effort prior to possible chemical use in Pleasant Lake. Baseline data collection and analysis was completed in 2022.

MDH has stated that they are willing to discuss possible chemical treatment with VLAWMO and partners. Partners in this effort would include the North Oaks Homeowners' Association (NOHOA) and St. Paul Regional Water Services (SPRWS). Both entities have expressed willingness to participate in conversations with MDH.

To consider chemical treatment and begin a conversation, MDH requires updated plant surveys. To capture Curly-leaf pondweed maximum extent requires an early season survey and delineation because of this species' growth cycle (begins growing under the ice in the winter, reaches maximum growth early in the season, and dies back around late June). To capture native species, a late summer/early fall survey is recommended.

Ramsey County Soil and Water Conservation Division (RCSWCD) was requested and provided an updated quote for survey work to include Pleasant Lake survey during 2023, at an estimated cost of ~\$10,000. Aquatic plant survey work was approved by the VLAWMO Board for 2023 at their December, 2022, regular Board meeting. An approved MOU is in place with NOHOA; they are supporting this work at 50% up to a total of \$4,000.

**B. Pleasant Lake carp removal update**

Project coordination continues for a spring Common carp removal in the Pleasant Lake system. The barrier is in place, monitoring is underway with the PIT antenna and a remote camera, and partner communication is ongoing as we wait for carp to move to the barrier. If removal has occurred by the time of the TEC meeting, an update will be provided at the meeting.

Barrier in place and reinforced for 2023 removal:

