

## VLAWMO TECHNICAL COMMISSION MEETING

8:15 AM March 11, 2026

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

Action items: 

- I. Call to Order – 8:15am – Vice Chair Tessier
- II. Approval of Agenda 
- III. Approval of Minutes (February 11, 2026)  Pg. 2
- IV. Administration & Operations - Phil
  - A. March Financial Report and Consider Authorization for Payment  Pg. 8
- V. Programs – Lauren, Angela
  - A. LL1 2026-01 Ballering Rain Garden Application Phase 2  Pgs. 15, 18
  - B. Watershed Awards Voting  Pgs. 15, 37
  - C. Late Winter/Early Spring Outreach Updates Pg. 16
- VI. Projects – Dawn
  - A. Update on WMP 90-day Draft and Upcoming BWSR Meeting Pg. 16
  - B. Update on 319/Wilkinson Lake Phase 2 Project Pgs. 17, 40
- 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 8, 2026; Board Meeting: April 22, 2026
- XIII. Adjourn 

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

Turf Alternatives Workshop

March 4<sup>th</sup>

**Vadnais Lake Area Water Management Organization  
Technical Commission (TEC) Minutes  
February 11, 2026  
Vadnais Heights City Hall, Council Chambers  
800 County Road E East, Vadnais Heights, MN 55127**

**Commission Members Present:**

Erin Spry (alternate)	Vadnais Heights (VH)
Gloria Tessier	Gem Lake (GL)
Susan Miller	North Oaks (NO)
Jami Philip	White Bear Township (WBT)
Tom Hoffman	City of Lino Lakes (LL)

**Absent:** Nick Ousky (Vadnais Heights); Terry Huntrods (City of White Bear Lake (WBL))

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

**I. Call to Order**

Vice Chair Tessier called the meeting to order at 8:15 am.

**II. Approval of Agenda**

It was moved by Commissioner Philip and seconded by Commissioner Miller to approve the February 11, 2026 TEC agenda as presented. Vote: all aye. Motion passed.

**III. Approval of Minutes (January 14, 2026)**

It was moved by Commissioner Philip and seconded by Commissioner Miller to approve the January 14, 2026 meeting minutes as presented. Vote: all aye. Motion passed.

**IV. Administration & Operations**

**A. February Financial Report and Consider Authorization for Payment**

Administrator Belfiori summarized the February financial statement as included in the TEC packet. He highlighted income from the final SSU revenue for 2025 from Anoka and Ramsey counties, which was the allotment from December. He also highlighted payments to the consultant for the new website, Incarnation Lutheran Church for grant reimbursement, and to consultant engineers for initial work to develop concept designs for the Wilkinson Phase 2 project.

Administrator Belfiori recommended approval of the February financial report and payment of the bills.

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

#### B. TEC Report to Board for February

Administrator Belfiori presented some of the highlights from the TEC Report to the Board for the February 25<sup>th</sup> meeting. These included staff continuing to work with the City of Vadnais Heights on feasibility work and data collection for the next project phase of the City Hall resiliency project and partnering on the whole city resiliency study. The Communication and Outreach program was busy with the Get Gritty campaign, annual report development, and Rotary Nature Preserve sign development. The grant programs have started being active with grant applications and preparation for the Turf Alternatives workshop. He also highlighted the annual field visit for the 2025 audit started today and the Watershed Management Plan (WMP) is being considered for submission to BWSR at the February 25<sup>th</sup> Board meeting.

Administrator Belfiori recommended approval of the February TEC report to the Board.

It was moved by Commissioner Philip and seconded by Commissioner Miller to approve the February TEC report to the Board. Vote: all aye. Motion passed.

### V. Programs

#### A. Watershed Awards – Updated Deadline for Nominations

Huginin shared that the nomination deadline for the Watershed Steward Award has been extended, and nominations will now be accepted through March 1<sup>st</sup> in efforts to get a more robust nomination pool for the TEC's review. She encouraged the TEC to consider submitting a nomination. Huginin shared that staff hope to have nominees ready for the TEC's consideration by the March TEC meeting.

#### B. Website Update

Huginin stated that the new website is now live. She shared that some of the Google functionality is still being set up and it can take Google search engines a few weeks to catch up to the new website links. She added that if the TEC are searching for a document through Google, it may not be available yet but should be accessible on the VLAWMO website directly. She thanked the TEC for their support and assistance in the development of the new website.

#### C. Spring Workshop Announcement: Turf Alternatives

Hugunin shared that an in-person Turf Alternatives workshop, a partnership with Blue Thumb, will be held on March 4<sup>th</sup> from 6-7:30 p.m. at the Vadnais Heights City Hall. She said this workshop is in response to a lot of community interest from our garden tours, conversations at events, and grant applications. There is so much interest in turf alternatives. Hugunin said that VLAWMO's grant programs will be shared at the end of the workshop. She shared there are flyers about the workshop available to take today and invited the TEC to attend or to help spread the word.

Commissioner Miller asked if the event has been posted on the VLAWMO Facebook page. Hugunin confirmed that the first promotional post would go live that afternoon and said it will be part of a series of Facebook posts. Commissioner Miller responded that she would share it with North Oaks community members. Hugunin added the event will also be posted in the North Oaks weekly e-newsletter.

Commissioner Philip stated that she printed the workshop flyer and posted it in White Bear Township's Town Hall, the Town website, and on social media.

Alternate Commissioner Spry asked if there is a need to coordinate with the local government units to ensure their website links are updated with VLAWMO's new website. Hugunin confirmed and responded they will be hearing from her soon.

## **VI. Projects**

### **A. Consider Recommendation of WMP 90-day Draft**

Tanner presented that staff are happy to have the final draft of the WMP included in the packet. She explained this is the 90-day review draft that will need to be sent to the Board of Water and Soil Resources (BWSR) for approval. A public hearing for the WMP will be held on Feb 25, 2026. She noted the hearing was publicly noticed in Press Pubs last week and this week. She provided an update on the WMP process since December, including that the review agency and staff comments were addressed in this draft of the WMP. She stated that one of the main comments BWSR requested was adding more priority criteria to the WMP, with six main comment areas.

She explained the six high-priority comment areas: first, the recommendation to identify priority resources for focal efforts over the next 10 years; second, the request to clearly provide measurable goals and quantifiable measures and identify more goals that can be measured (she shared examples of new measurable goals for Birch Lake and Tamarack Lake that were added to address this); third, checking the timing for WMP approval and if budget information needs to be added for 2026 (was determined the current plan goes through 2026 and the budget can begin at 2027); fourth, adding priority wetland areas; fifth, adding water quality monitoring data trends (she explained Trophic State Index (TSI) data was added to address this); and sixth, clarifying the degree to which the WMP can be adopted by reference by member communities (she said

this was addressed by adding that communities can only adopt data and maps by reference from the WMP).

Tanner presented the next steps of the WMP process including bringing the WMP to the February 25, 2026, Board meeting to hold a public hearing and recommend approval of the WMP, and submittal of the WMP to BWSR for their 90-day review after the meeting.

Staff recommended the TEC provide a recommendation to the Board to approve the 90-day draft WMP.

Alternate Commissioner Spry congratulated staff and stated she especially appreciated the call out boxes and measurable goals.

Commissioner Tessier stated the WMP is very comprehensive and recognized staff's work to put the plan together.

It was moved by Commissioner Philip and seconded by Commissioner Miller to recommend to the Board to approve the 90-Day BWSR Review Draft WMP and submit the approved WMP to BWSR for inclusion on the agenda at the BWSR Metro meeting on April 6, 2026.

#### B. Update on 319/Wilkinson Lake Phase 2 Project

Tanner provided an update that documents for phase 2 of the Wilkinson Lake project are underway to be ready for the next Board meeting. She stated that a Memorandum of Understanding (MOU) is under review by project partners and Houston Engineering has been working on an updated project design that will be ready to present soon.

Tanner explained that the project involves the same partners as the first phase of the Wilkinson deep-water wetland project. She stated the MOU and maintenance agreement are now a single document and the agreement will be signed this coming Friday. She added that the updated project design will be an exhibit in the MOU and maintenance agreement. She explained a temporary easement document is underway, and the Minnesota Land Trust (MLT) needs to be a signatory on the easement due to having an easement on the conservation area. She said staff's goal is to have the MOU signed and ready to bring to the February 25, 2026, Board meeting. MLT has provided an email of support for the temporary easement that will be included in the Board packet, while staff and partners continue to work on the easement.

#### C. Consider Recommendation on Invasive Common Carp Removal 2025 Report

Tanner shared that a 2025 report is now available from Carp Solutions. She highlighted that the biomass is now at a density of 14 kg/ha. She noted that when the carp removal project started, the biomass density was at 273 kg/ha. Tanner added that Carp Solutions has estimated that the

current population stands at around 500 individuals. Staff are not seeing successful reproduction of the carp because they are unable to access the areas where the eggs and young can survive.

Commissioner Miller asked where the carp are able to successfully spawn, and if the carp cannot spawn in the channel between Deep Lake and Pleasant Lake because of the primary fish barrier. Tanner confirmed and explained that the carp are trying to go to shallow waterbodies. They used to go to Wilkinson Lake to spawn, but the Wilkinson carp barrier has prevented that. Carp are still trying to get to that area to spawn but are unable to and can only spawn in areas like Deep Lake where there is more predation. She added the carp removal work is now moving to the maintenance phase. Commissioner Miller stated there is a heavy flow of water through the channel from Charley Lake to Pleasant Lake and asked if the carp have issues navigating that. Tanner responded that the carp can still go through it. Commissioner Miller asked if there are plans to add a barrier at Charley Lake. Tanner replied Carp Solutions considered that option, but a barrier system would likely not be effective due to the flow. She added that trap netting could be effective there in the future, if needed.

Staff recommended that the TEC provide a recommendation to the Board to accept and share the 2025 year-end report from Carp Solutions.

It was moved by Commissioner Miller and seconded by Commissioner Philip to recommend to the Board to accept and share the 2025 year-end report from Carp Solutions.

## **VII. Commissioner Reports**

Commissioner Philip stated she will not be able to attend the March TEC meeting and will find an alternate.

## **VIII. NOHOA**

None.

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

None.

## **X. St. Paul Regional Water Services**

None.

## **XI. Public Comment**

None.

## **XII. Next Meetings**

TEC meeting: March 11, 2026 at 8:15 am; Board meeting and WMP Public Hearing: February 25, 2026 at 7:00 pm.

## **XIII. Adjourn**

It was moved by Commissioner Miller and seconded by Commissioner Philip to adjourn the meeting at 8:46 am. Vote: all aye. Motion passed.

DRAFT

# VLAWMO Finance Summary: March 2026

Feb-26		Actual 3/1/26	Actual to Date	2026 Budget (June 2025 Board Approved)	Carry over from 2025 to 2026	Remaining in Budget	2026 Available (Dec. 2025 Board approved)	Act vs. Budget
<b>BUDGET #</b>	<b>INCOME</b>							
<b>5.11</b>	Storm Water Utility		\$27,867	\$1,335,000	\$0	\$1,307,133	\$1,335,000	2%
<b>5.12</b>	Service Fees			\$1,000	\$0	\$1,000	\$1,000	0%
<b>5.13</b>	Interest + mitigation acct	\$2,945	\$12,887	\$30,000	\$0	\$17,113	\$30,000	43%
<b>5.14</b>	Misc. income - WCA admin & other			\$3,000	\$0	\$3,000	\$3,000	0%
<b>5.15</b>	Other Income Grants/ <u>loan</u>			\$180,000	\$0	\$180,000	\$180,000	0%
<b>5.16</b>	Transfer from reserves			\$1,138,245	\$172,445	\$1,310,690	\$1,310,690	0%
	<b>TOTAL</b>	\$2,945	\$40,754	\$2,687,245	\$172,445	\$2,818,936	\$2,859,690	2%
<b>EXPENSES</b>								
<b>3.1</b>	<b>Operations &amp; Administration</b>							
<b>3.110</b>	Office - rent, copies, post tel supplies	\$2,271	\$3,509	\$35,544	\$0	\$32,035	\$35,544	10%
<b>3.120</b>	Information Systems	\$3,770	\$5,970	\$37,150	\$0	\$31,180	\$37,150	16%
<b>3.130</b>	Insurance			\$12,000	\$0	\$12,000	\$12,000	0%
<b>3.141</b>	Consulting - Audit			\$29,900	\$0	\$29,900	\$29,900	0%
<b>3.142</b>	Consulting - Bookkeeping	\$63	\$130	\$1,500	\$0	\$1,370	\$1,500	9%
<b>3.143</b>	Consulting - Legal		\$92	\$9,000	\$0	\$8,908	\$9,000	1%
<b>3.144</b>	Consulting - Eng. & Tech.		\$435	\$50,000	\$0	\$49,565	\$50,000	1%
<b>3.150</b>	Storm Sewer Utility	\$200	\$5,337	\$22,500	\$93,619	\$110,782	\$116,119	5%
<b>3.160</b>	Training (staff/board)	\$54	\$54	\$18,000	\$0	\$17,946	\$18,000	0%
<b>3.170</b>	Misc. & mileage		\$330	\$7,276	\$0	\$6,946	\$7,276	5%
<b>3.191</b>	Administration - staff	\$38,808	\$95,468	\$511,724	\$0	\$416,256	\$511,724	19%
<b>3.192</b>	Employer Liability	\$12,754	\$28,262	\$169,583	\$0	\$141,321	\$169,583	17%
<b>3.2</b>	<b>Monitoring and Studies</b>							
<b>3.210</b>	Lake and Creek lab analysis			\$25,000	\$0	\$25,000	\$25,000	0%
<b>3.220</b>	Equipment			\$3,000	\$0	\$3,000	\$3,000	0%
<b>3.230</b>	Wetland assessment & management			\$0	\$0	\$0	\$0	#DIV/0!
<b>3.240</b>	Watershed planning /special study	\$258	\$258	\$80,000	\$0	\$79,742	\$80,000	0%
<b>3.3</b>	<b>Education and Outreach</b>							
<b>3.310</b>	Public Education			\$8,000	\$0	\$8,000	\$8,000	0%
<b>3.320</b>	Comm., Outreach & Marketing	\$300	\$8,127	\$25,000	\$0	\$16,873	\$25,000	33%
<b>3.330</b>	Community Blue Ed Grant		\$7,939	\$12,000	\$0	\$4,061	\$12,000	66%
<i>Total Core functions: Ops, Monitoring, Education</i>		\$58,478	\$155,911	\$1,057,177	\$93,619	\$994,885	\$1,150,796	14%
<b>Capital Improvement Projects and Programs</b>								
<b>3.4</b>	<b>Subwatershed Activity</b>							

3.410	Gem Lake			\$10,000	\$0	\$10,000	\$10,000	0%
3.420	Lambert Creek			\$455,000	\$0	\$455,000	\$455,000	0%
3.421	Lambert Lake Loan			\$38,568	\$0	\$38,568	\$38,568	0%
3.425	Goose Lake	\$690	\$2,771	\$40,000	\$0	\$37,229	\$40,000	7%
3.430	Birch Lake			\$102,500	\$20,000	\$122,500	\$122,500	0%
3.440	Gilf Black Tam Wilk Amelia	\$92	\$3,183	\$383,000	\$0	\$379,817	\$383,000	1%
3.450	Pleasant Charley Deep		\$759	\$115,000	\$0	\$114,241	\$115,000	1%
3.460	Sucker Vadnais		\$437	\$271,000	\$20,000	\$290,563	\$291,000	0%
3.48	<b>Programs</b>							
3.480	Soil Health Grant	\$49	\$49	\$25,000	\$15,530	\$40,481	\$40,530	0%
3.481	Landscape 1			\$50,000	\$11,558	\$61,558	\$61,558	0%
3.482	Landscape 2/BWSR WBF		\$320	\$80,000	\$11,738	\$91,418	\$91,738	0%
3.483	Project Research & feasibility			\$5,000		\$5,000	\$5,000	0%
3.485	Facilities Maintenanc/ Pub. Ditch Main.			\$50,000		\$50,000	\$50,000	0%
3.5	<b>Regulatory</b>							
3.510	Engineer Plan review			\$5,000	\$0	\$5,000	\$5,000	0%
	<b>Total CIP &amp; Program</b>	\$831	\$7,519	\$1,630,068	\$78,826	\$1,701,375	\$1,708,894	0%
	<b>Total of Core Operations &amp; CIP</b>	<b>\$59,309</b>	\$163,430	\$2,687,245	\$172,445	<b>\$2,696,260</b>	\$2,859,690	<b>6%</b>

Fund Balance	2/1/2026	3/1/2026
4M Account	\$841,458	\$720,123
4M Plus Savings	\$264,405	\$265,149
Total	\$1,105,863	\$985,272

Restricted funds	3/1/2026
Mitigation Savings	\$0
Term Series	\$300,000

Vadnais Lake Area Water Management Organization

9:44 AM

Check Detail

03/03/2026

February 12 through March 11, 2026

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Check	eft	02/12/2026	further		Checking - 1987		-7.00
				Insurance Benefit		-7.00	7.00
TOTAL						-7.00	7.00
Check	eft	02/18/2026	Reliance Standard		Checking - 1987		-231.22
				Insurance Benefit		-231.22	231.22
TOTAL						-231.22	231.22
Check	eft	03/11/2026	US Bank		Checking - 1987		-62.60
				3.142 · Bookkeeping help		-62.60	62.60
TOTAL						-62.60	62.60
Check	6129	03/11/2026	Metro Blooms		Checking - 1987		-300.00
				3.320 · Marketing		-300.00	300.00
TOTAL						-300.00	300.00
Check	6130	03/11/2026	Anoka County		Checking - 1987		-200.00
				3.150 · Storm Sewer Utility		-200.00	200.00
TOTAL						-200.00	200.00
Check	6131	03/11/2026	Metro - Inet		Checking - 1987		-3,770.00
				IT Support		-2,200.00	2,200.00
				Software		-1,570.00	1,570.00
TOTAL						-3,770.00	3,770.00
Check	6132	03/11/2026	City of White Bear Lake		Checking - 1987		-51,323.98
				payroll		-38,808.27	38,808.27
				Administration FICA		-2,838.34	2,838.34
				Administration PERA		-2,910.64	2,910.64
				Insurance Benefit		-6,294.76	6,294.76
				Admin payroll processing		-277.18	277.18
				Employer PFML		-194.79	194.79
TOTAL						-51,323.98	51,323.98
Check	6133	03/11/2026	Leslie Scherer		Checking - 1987		-48.77
				3.480 · Soil Health Grant		-48.77	48.77

TOTAL				-48.77	48.77
	<b>Check 6134</b>	<b>03/11/2026 Press Publications</b>	<b>Checking - 1987</b>		<b>-165.52</b>
			3.240 · Watershed Plan Amendment	-103.00	103.00
			3.240 · Watershed Plan Amendment	-62.52	62.52
TOTAL				<u>-165.52</u>	<u>165.52</u>
	<b>Check 6135</b>	<b>03/11/2026 Town Law Center, PLLP</b>	<b>Checking - 1987</b>		<b>-184.00</b>
			3.440 · Gilfillan Black Tamarack Wilkin	-92.00	92.00
			3.240 · Watershed Plan Amendment	-92.00	92.00
TOTAL				<u>-184.00</u>	<u>184.00</u>
	<b>Check 6136</b>	<b>03/11/2026 City of Vadnais Heights</b>	<b>Checking - 1987</b>		<b>-2,270.85</b>
			Rent	-1,865.00	1,865.00
			Phone/Internet/Machine Overhead	-335.00	335.00
			Postage	-18.10	18.10
			Copies	-52.75	52.75
TOTAL				<u>-2,270.85</u>	<u>2,270.85</u>
	<b>Check 6137</b>	<b>03/11/2026 Barr Engineering Co</b>	<b>Checking - 1987</b>		<b>-690.00</b>
			3.425 · Goose Lake	-690.00	690.00
TOTAL				<u>-690.00</u>	<u>690.00</u>

**Vadnais Lake Area Water Management Orgar**  
**Profit & Loss**  
 February 12 through March 11, 2026

9:46 AM

03/03/2026

Cash Basis

Feb 12 - Mar 11, 26

Ordinary Income/Expense	
Income	
5.1 · Income	
5.13 · Interest	2,944.94
Total 5.1 · Income	<u>2,944.94</u>
Total Income	<u>2,944.94</u>
Gross Profit	2,944.94
Expense	
3.1 · Administrative/Operations	
3.110 · Office	
Copies	52.75
Phone/Internet/Machine Overhead	335.00
Postage	18.10
Rent	<u>1,865.00</u>
Total 3.110 · Office	2,270.85
3.120 · Information Systems	
IT Support	2,200.00
Software	<u>1,570.00</u>
Total 3.120 · Information Systems	3,770.00
3.142 · Bookkeeping help	62.60
3.150 · Storm Sewer Utility	200.00
3.160 · Training (staff/board)	53.79
3.191 · Employee Payroll	
payroll	38,808.27
Total 3.191 · Employee Payroll	38,808.27
3.192 · Employer Liabilities	
Admin payroll processing	277.18
Administration FICA	2,838.34
Administration PERA	2,910.64
Employer PFML	194.79
Insurance Benefit	<u>6,532.98</u>
Total 3.192 · Employer Liabilities	<u>12,753.93</u>
Total 3.1 · Administrative/Operations	57,919.44
3.2 · Monitoring and Studies	
3.240 · Watershed Plan Amendment	<u>257.52</u>
Total 3.2 · Monitoring and Studies	257.52
3.3 · Education and Outreach	
3.320 · Marketing	<u>300.00</u>
Total 3.3 · Education and Outreach	300.00
3.4 · Capital Imp. Projects/Programs	

3.425 - Goose Lake	690.00
3.440 - Gilfillan Black Tamarack Wilkin	92.00
<b>Total 3.4 - Capital Imp. Projects/Programs</b>	<b>782.00</b>
<b>3.48 - Programs</b>	
3.480 - Soil Health Grant	0.00
<b>Total 3.48 - Programs</b>	<b>0.00</b>
<b>Total Expense</b>	<b>59,258.96</b>
<b>Net Ordinary Income</b>	<b>-56,314.02</b>
<b>Net Income</b>	<b>-56,314.02</b>

Credit Card

Custom Transaction Detail Report

January 1 through March 1, 2026

9:42 AM

03/03/2026

Accrual Basis

Type	Date	Num	Name	Memo	Account	Cir	Split	Amount	Balance
Credit Card Credit	01/02/2026		Adobe "Creative Cloud	credit	US Bank CC	✓	Software	-29.36	-29.36
Credit Card Charge	01/02/2026		Google*SYCAPPS_VLAWM		US Bank CC	✓	WEB	42.00	12.64
Credit Card Charge	01/02/2026		Adobe "Creative Cloud		US Bank CC	✓	Software	21.66	34.30
Transfer	01/20/2026			Funds Transfer	US Bank CC	✓	Checking - 1987	-391.78	-357.48
Credit Card Charge	02/02/2026		Google*SYCAPPS_VLAWM		US Bank CC	✓	WEB	42.00	-315.48
Credit Card Charge	02/02/2026		Adobe "Creative Cloud		US Bank CC	✓	Software	21.66	-293.82
Credit Card Charge	02/12/2026		Humanitix	MN Watershed Leg. Event	US Bank CC	✓	3.160 - Training (staff/board)	53.79	-240.03
								<b>-240.03</b>	<b>-240.03</b>

Jan 1 - Mar 1, 26

Jan 1 - Mar 1, 26

## TEC Staff Memo – March 11, 2026

### IV. Administration & Operations

#### A. March Financial Report and Consider Authorization for Payment

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

### V. Programs

#### A. LL1 2026-01 Ballering Rain Garden Application Phase 2

Landowner Katie Ballering submitted a Landscape Level 1 Grant application for a 160 square foot rain garden and native plantings over a total area of about 2,200 square feet at her property in the City of North Oaks. This is the second phase of a multi-phase stormwater project that started in the fall of 2025 at her 1.3 acre property. The project area drains to Pleasant Lake. The rain garden will be acting like a curb cut rain garden by capturing stormwater runoff directly from Pleasant Lake Road as well as from several neighboring properties. Currently, stormwater runoff is already flowing to the proposed rain garden area and is causing erosion. In addition to the “curb cut” rain garden, the project will involve adding native plants adjacent to the proposed rain garden area and along the driveway on a steep slope, with the primary goals of capturing stormwater and improving water quality, reducing erosion and turf grass, reducing irrigation needs, adding pollinator habitat, and restoring the native plant community. The landowner completed a bee lawn in the first phase of her project and will complete buckthorn removal efforts on the property outside of the grant project.

The landowner will be hiring a contractor to complete the site preparation and rain garden installation work and is planning to complete the native planting and mulch installation work herself. The rain garden is estimated to reduce volume by about 12,418.93 cu ft/yr (27%), total suspended solids by about 42.3 lbs/yr, and total phosphorus by about 0.23 lbs/yr.

The applicant received two bids for the project; one from Jones Mulch Service at \$8,052.26 and another from MN Mulch Services at \$7,662.11. The low bid of \$7,662.11 with the landowner’s estimated planting and mulch costs of \$2,449.50 results in a total estimated project cost of \$10,111.61.

**Requested action:** Staff recommends approval of LL1 2026-01 in the amount of \$7,500 for phase 2.

#### B. Watershed Awards Voting

Nominations have closed for the 2025 Watershed Steward Award. VLAWMO staff appreciate all those who submitted a nomination. Staff are eager to celebrate the community collaboration that is critical to VLAWMO’s mission. The **Watershed Steward Award** recognizes volunteers, businesses, neighborhood or lake

associations, or community groups who have worked independently or with VLAWMO staff to improve water resources or community understanding of water issues.

A total of three nominations were received and are included later in the packet. Please see full nomination forms included in the packet to inform voting. Staff will share a brief overview of each nomination during the March TEC meeting before the TEC votes.

**Requested action:** Staff request that the TEC votes on one recipient of the Watershed Award to allow the sharing of this news with the recipient before official announcement of the winner at the April Board meeting.

### C. Late Winter/Early Spring Outreach Updates

Staff received the 2025 watershed annual report from Adopt a Storm Drain. The report outlines storm drain adoptions from the past year, drain cleaning and collection, participant types, and statistics by municipality. The report is available at this [link](#), and staff will highlight key report findings at the TEC meeting.

VLAWMO will host a Turf Alternatives workshop with Blue Thumb on March 4th. At the time of packet preparation, 15 attendees had registered. This opportunity was offered in response to increasing community interest in alternative yards in recent years, both in grant applications and in questions at community events. Staff will share an update on the workshop at the TEC meeting.

## VI. Projects

### A. Update on WMP 90-day Draft and Upcoming BWSR Meeting

The VLAWMO Board conducted the Public Hearing at the February 25, 2026, meeting. There were no members of the public in attendance, and no comments were received. Anne Sawyer, BWSR Board Conservationist, was in attendance for the hearing and regular meeting of the Board. The Board approved the 90-Day BWSR Review Draft WMP and submission of the approved WMP to BWSR for inclusion on the agenda at the BWSR Metro meeting on April 6, 2026. VLAWMO staff submitted the approved WMP and completed public hearing packet to State review authorities on February 26, 2026. Sawyer followed up with State review authorities on February 26, providing guidance for reviewers to submit any remaining comments to BWSR (and cc VLAWMO). She also provided sample presentations for VLAWMO and HEI staff to use to develop the approximately 10-minute presentation for the BWSR Metro meeting. The Board will likely have one representative from the Board join staff at the in-person meeting on April 6, 2026.

VLAWMO anticipates the following next steps and timeline:

- **On or Before March 19:** Submit PPT presentation to BWSR for Metro meeting
- **April 6:** BWSR Metro meeting and recommendation to Board
- **April 22:** BWSR Board authorization
- Following BWSR approval: Plan adoption and share with review authorities

## **B. Update on 319/Wilkinson Lake Phase 2 Project**

The VLAWMO Board approved the MOU and grant contract for the Phase 2 project at the February Board meeting. The grant contract has been signed and returned to MPCA. At the time of packet preparation, VLAWMO staff are waiting for the fully executed grant contract to be returned by MPCA. Other items are ongoing.

Below is a summary of the status at the time of packet preparation:

- **Project Design:** Revised easement area was prepared by HEI following an in-person meeting with NOC and VLAWMO staff. The project design is included in the packet.
- **Temporary (construction) Easement and Temporary Extended (maintenance) Easement Agreement:** Exhibits being revised by HEI, draft text has been provided by VLAWMO's attorney, and partner review is anticipated to be initiated shortly.

**Attachment:** Draft Conceptual Design with Easement Areas from HEI

# LL1 Grant Application



Submit completed application to:

Lauren Sampedro

lauren.sampedro@vlawmo.org

## Applicant Information:

Name:	Katie Ballering
Address:	80 E Pleasant Lake Road
City/Township, State, Zip:	North Oaks, MN 55127
Phone:	651-792-5676
Email:	katiesunrise@hotmail.com

## Project Summary:

### PROJECT TYPE:

ESTIMATED TOTAL PROJECT COST (Lowest responsible bid \$)	\$10,111.61
AMOUNT REQUESTED (\$5,000 reg, \$7,500 curb cut)	\$7,500 (Phase 2)
EXPECTED PROJECT COMPLETION (Month, Year)	September, 2026

- Rain Garden/Infiltration Basin: Curb cut
- Rain Garden/Infiltration Basin: Regular
- Shoreline/Streambank Stabilization and/or Restoration
- Filtration
- Other

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

## Project Background:

Describe the project location.  Does it connect to a lake, stream, ditch, or wetland in VLAWMO?  What issues will be addressed with this project?	See attached sheet.
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## Project Background: Continued

<p>Describe how your project will support the goals of the Landscape Level 1 Grant Program.  (See LL1 policy)</p>	<p>See attached sheet.</p>
<p>Briefly describe the planned installation and maintenance activities for your project.</p>	<p>See attached sheet.</p>

## Project Specifications:

<p><b>TOTAL PROPERTY AREA (Acres)</b></p>	<p>1.3</p>	<p><b>Total PROJECT SIZE (Sq Ft)</b></p>	<p>2,200</p>
<p><b>IMPERVIOUS (HARD) AREA DRAINING TO PROJECT (Sq Ft):</b></p>	<p>5,663</p>	<p><b>PERVIOUS (GRASSY, NON-PAVEMENT) AREA DRAINING TO PROJECT (Sq Ft):</b></p>	<p>20,038</p>
<p><b>DEPTH OF PRACTICE (In):</b> <i>Provide if project includes infiltration/filtration</i></p>	<p>6-9</p>	<p><b>BOTTOM SURFACE AREA (Sq Ft):</b> <i>Provide if project includes infiltration/filtration</i></p>	<p>160</p>

## Required Attachments:

- ⇒ Detailed drawing or plan of the proposed project. If project is complex, VLAWMO may require project final designs to be completed by a qualified professional or engineer. Drawing must include project dimensions that enable VLAWMO staff to model the project for estimated water quality benefits.
- ⇒ At least 2 bids for construction of proposed project.
- ⇒ Detailed project budget estimate with itemized materials and costs that equal the total project cost.

# 2026 Landscape Level 1 (Curb Cut) Application

## Applicant Information

Name: Katie Ballering

Address: 80 E Pleasant Lake Road, North Oaks, 55127

Phone: 651-792-5676

Email: [katiesunrise@hotmail.com](mailto:katiesunrise@hotmail.com)

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## Project Summary

**Phase 2—curb-cut rain garden and native restoration** on a 1.3-acre, partially wooded residential lot with ~240 ft of downslope road frontage. This phase implements three linked elements to slow, spread, and sink road water runoff before it reaches small wetlands downslope:

1. **Curb-cut rain garden / infiltration basin** to intercept street/frontage runoff (14×8 ft baseline; 16×10 ft if space allows). Including site preparation for the rain garden and native revegetation and soil stabilization of a 40×40 ft understory area to ensure proper water infiltration for the area for proposed rain garden.
2. **Driveway side-slope stabilization** (~20×10ft) planted with 30 native dwarf bush honeysuckle (*Diervilla lonicera*) at 2-2.5-ft on-center for durable, low-maintenance cover.

This is **Phase 2** following the approved and successful 2025 Soil Health Grant (plastics removal, micro-grading/aeration, bee-lawn establishment).

## Estimated Total Project Cost (lowest responsible bid)

\$10,111.61

## Amount Requested

75% of eligible costs, capped at \$7,500 (curb-cut category).

Calculation:  $75\% \times \$10,111.61 = \$7,583.71 \rightarrow$  Request \$7,500.00

## Expected Project Completion (Month, Year)

September 2026

## Project Type (check one)

- Shoreline/Streambank Stabilization and/or Restoration
- Filtration
- Raingarden/Infiltration Basin: Curb cut
- Raingarden/Infiltration Basin: Regular
- Other: \_\_\_\_\_

## Project Background

- **Location.** The parcel is residential, partially wooded, and downslope from the roadway; the ~240-ft frontage collects street/yard runoff that infiltrates onto the property and then flows toward wetlands downslope.
- **Problems addressed.** Concentrated sheet flow at the frontage; legacy plastic landscape fabric/edging removal; grading for the rain garden area; and an eroding driveway side-slope.

- **Water-resource connection.** While not directly adjacent to a lake or stream; runoff reaches small wetlands below the property. Treating stormwater higher in the landscape reduces volume and pollutant transport to those wetlands.
- **Phase linkage.** Phase 2 of one integrated multi-year project; **Phase 1 (2025 Soil Health Grant)** removed plastics, improved grade/aeration, and established a pollinator-friendly bee-lawn to increase water infiltration, reduces water usage and eliminates use of chemical fertilizer and pesticides/herbicides in the lawn thereby improving soil health. Phase 2 adds a curb-cut rain garden and native restoration to treat roadway/frontage runoff at the source.

## How the project supports Landscape Level 1 goals

- **Reduces stormwater rate and volume.** The “curb-cut” conveys street/frontage runoff into a vegetated infiltration basin (rain garden), attenuating peaks and reducing total discharge offsite.
- **Improves water quality.** The shape and size and deep-rooted Minnesota-native plants increase residence time and filter sediments/nutrients before water percolates or overflows.
- **Stabilizes erosion.** Micro-grading, rock-armored inlet and outlet, a stone-lined natural overflow path, and dense native cover eliminate rills/sheet flow on the frontage; the driveway side-slope is stabilized with shrub structure and a native ground layer.
- **Preserves groundwater quality/quantity.** Increased on-site infiltration recharges shallow groundwater while vegetated media and roots attenuate contaminants.
- **Builds native habitat & lowers inputs.** Adding MN-natives to all project areas improves pollinator/avian value, reduces irrigation, and eliminates routine pesticides/herbicides in maintenance.

## Planned Installation & Maintenance

- **Site preparation.** Remove existing vegetation; remove non-native ornamentals in the footprint; remove remaining plastic fabric/edging and dispose appropriately.
- **Excavation and grading.** Excavate a basin with a flat bottom and appropriate depth and slope; set pretreatment at the street inlet (stone/vegetated forebay sized to inflow) and a stable overflow—a stone-lined natural flow path directing excess water back to and established overflow route.
- **Inlet/outlet armoring.** Install washed stone/river rock (size per contractor; typically, 1-4" for aesthetic channel lining or 3–6" riprap for higher energy) at the inlet apron, outlet apron, and along the overflow swale to dissipate energy and prevent scour.
- **Soils and mulch.** Install bioretention media (sand/compost/topsoil per Minnesota stormwater guidance; and apply natural, non-dyed mulch (~3") over the basin, side slopes, and adjacent reclaimed/regraded areas around the rain garden and areas cleared of invasives to stabilize disturbed soils and suppress weeds.
- **Planting (by zone).**
  - **Rain garden (112–160 sq ft):** MN-native, wet-tolerant bottom (e.g., blue flag iris, rose milkweed, blue vervain) and mesic slopes; install 4 trays of mixed Rain Garden Kit plugs (sized to the 160-sq-ft upper bound).
  - **Rain Garden Preparation Area:** seed with 2 × 1,000-sq-ft Buckthorn Replacement Mix; add 2 trays of Buckthorn Replacement Kit plugs as clustered “anchors” along paths/edges and micro-slopes. Woodland edge band: install 1 tray of Woodland Edge Kit plugs to transition between lawn and woods.
  - **Driveway side-slope (~20×10 ft):** install 30 dwarf bush honeysuckle (*Diervilla lonicera*), #2 (2-gal), at 2-2.5-ft on-center for durable coverage and erosion resistance.

- **Establishment (Year 1).** Water to maintain consistent soil moisture; keep the curb-inlet pretreatment and stone channel clear; replace any failed plants; hand/mechanical weeding only.
- **Long-term (Years 2–10).** Inspect after  $\geq 1$ " storms; remove sediment/debris; re-mulch and light overseeding as needed; maintain native cover; no herbicides.

## Project Specifications

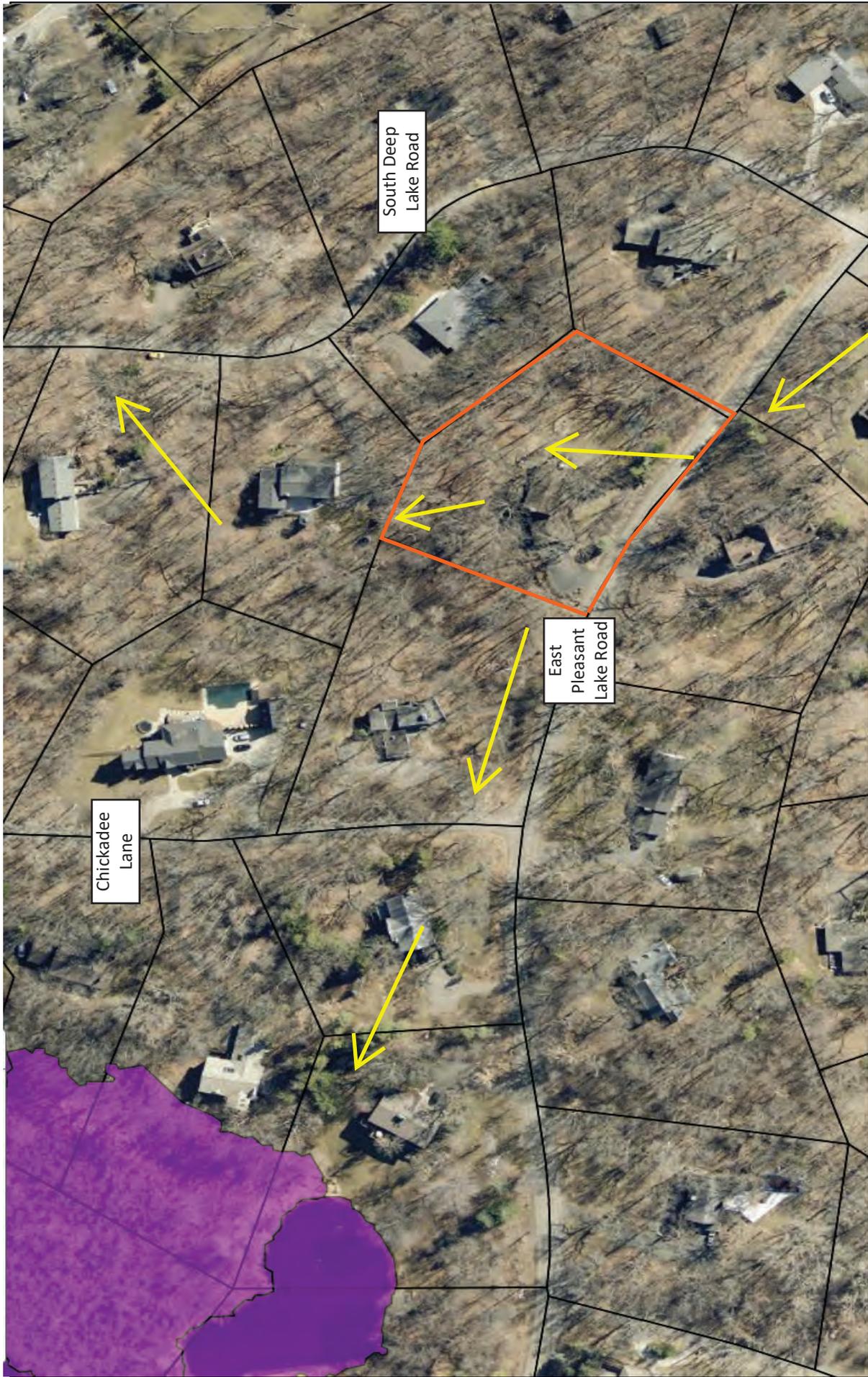
- **TOTAL PROPERTY AREA (acres): 1.3**
- **TOTAL PROJECT SIZE (sq ft): 2,200** (*1,600 adjacent to rain garden + 240 slope + ~160 basin*)
- **BOTTOM SURFACE AREA (sq ft): up to 160** *if built 16×10.*
- **DEPTH OF PRACTICE (in): Ponding 6–12; media 18–30**
- **IMPERVIOUS AREA DRAINING TO PROJECT (sq ft): ~5663**
- **PERVIOUS AREA DRAINING TO PROJECT (sq ft): ~20,038**
- **Pretreatment: Stone/vegetated forebay** at curb inlet
- **Overflow: Defined, stone-lined natural spillway** back to stabilized route

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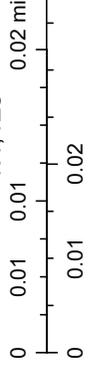
## Required Attachments (emailed with the application)

1. **Plan/drawing** showing: areas on property where work will be conducted.
2. **Two construction bids** that match the plan's dimensions and quantities.
3. **Detailed project budget estimate** (itemized; equals lowest responsible bid and includes work conducted by homeowner).

# LL1 2026-01 Ballering Rain Garden Application Phase 2



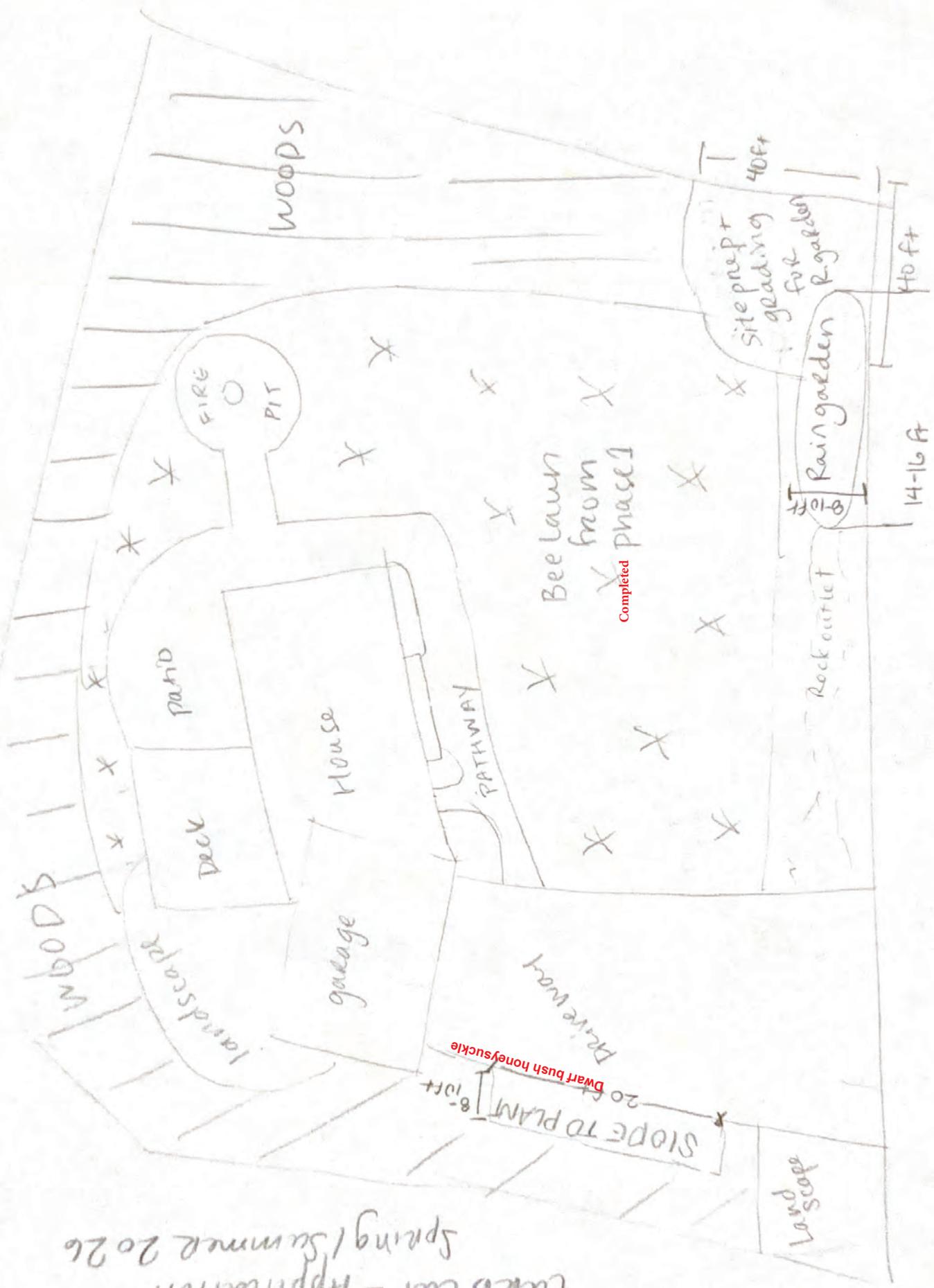
1:1,128



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

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, County of Ramsey, Esri, HERE, Garmin, GeoTechnologies, Inc., County of Ramsey, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA | ArcGIS WebAppBuilder

802 Pleasant Lake Rd  
 Phase 2 Landscape Level 1  
 Curb cut - Application  
 Spring/Summer 2026



← Pleasant Lake Rd → ~240 ft frontage



612-424-7300 (Call/Text) | info@jonesmulchservice.com | jonesmulchservice.com

RECIPIENT:

**Katie Ballering**  
 80 East Pleasant Lake Road  
 North Oaks, Minnesota 55127

**Quote #4359**

Sent on Nov 02, 2025

**Total \$10,761.64**

Product/Service	Description	Qty.	Unit Price	Total
Excavation Along Roadway	Remove and dispose of approximately 2-3 inches of dirt, rock, mulch along roadway. This area is approximately 350 square feet.	1	\$500.00	\$500.00
Plant Removal	Remove and dispose of plants along roadway and withing existing rock bed and near large rocks by driveway.	1	\$300.00	\$300.00
Sod Removal	Remove and dispose of approximately 240 square feet of existing sod.	1	\$300.00	\$300.00
Small Tree/Brush Removal	Remove and dispose of all small trees and brush in the area between retaining wall and street. This area is approximately 1,500 square feet.	1	\$3,000.00	\$3,000.00
Rain Garden Excavation	Excavate and dispose of ground for future rain garden. The rain garden will vary in depth up to 12 inches below existing ground with inlet near roadway and outlet near existing rock bed. We anticipated removing approximately 4-5 cubic yards of material.	1	\$1,000.00	\$1,000.00
Rock Installation (Glacial Boulders)	Supply, deliver, and install 2 tons of 6-12 inch Glacial Boulders sporadically in future rock river bed as well as use for rain garden inlet near roadway.	2	\$200.00	\$400.00
Rock Installation (2-4 inch)	Supply, deliver, and install 20 tons of 2-4 inch River Rock in approximately 1,540 square feet of area.	<del>20</del> 5 tons only for grant	\$140.00	<del>\$2,800.00</del> \$700
Rock Installation	Supply, deliver, and install 5 tons of 1.5 inch River Rock in approximately 350 square feet of area.	5	\$150.00	\$750.00
Black Dirt Installation	Supply, deliver, and install pulverized black dirt at a ~1 inch depth for approximately 1,500 square feet.	4	\$120.00	\$480.00
				Optional
X Gravel Walkway Topdress	Supply, deliver and install 2 tons of 1/2 inch gray trap over all walkway areas as needed.	2	\$200.00	\$400.00
				NOT PART OF GRANT



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Subtotal	<del>\$9,930.00</del>	\$7,430
MN State, Ramsey County Sales Tax (8.375%)	<del>\$831.64</del>	\$622.26
Total	<del>\$10,761.64</del>	\$8,052.26

This quote is valid for the next 30 days, after which values may be subject to change.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

2 of 2 pages

Quote 1

Quote from VLA WMO TEC - March 2026

Katie Ballering  
 80 East Pleasant Lake Road  
 North Oaks, MN 55127

Service	Description	Qty	Unit Price	Total
Excavation Along Roadway	Remove and dispose of approximately 2-3 inches of dirt, rock, mulch along roadway. This area is approximately 350 square feet.	1	\$500.00	\$500.00
Plant Removal	Remove and dispose of plants along roadway and within existing rock bed and near large rocks by driveway.	1	\$300.00	\$300.00
Sod Removal	Remove and dispose of approximately 240 square feet of existing sod.	1	\$300.00	\$300.00
Brush Removal	Remove and dispose of all small trees and brush in the area between retaining wall and street. This area is approximately 1,500 square feet.	1	\$3,000.00	\$3,000.00
Rain Garden Excavation	Excavate and dispose of ground for future rain garden. The rain garden will vary in depth up to 12 inches below existing ground with inlet near roadway and outlet near existing rock bed. We anticipated removing approximately 4-5 cubic yards of material.	1	\$1,000.00	\$1,000.00
Rock Installation (Glacial Boulders)	Supply, deliver, and install 2 tons of 6-12 inch Glacial Boulders sporadically in future rock river bed as well as use for rain garden inlet near roadway.	2	\$200.00	\$400.00
Rock Installation (2-4 Inch River Rock)	Supply, deliver, and install 20 tons of 2-4 inch River Rock in approximately 1,540 square feet of area.	20	\$140.00	<del>\$2,800.00</del> \$700
Rock Installation (1.5 Inch River Rock)	Supply, deliver, and install 5 tons of 1.5 inch River Rock in approximately 350 square feet of area.	5	\$150.00	\$750.00
Black Dirt Installation	Supply, deliver, and install pulverized black dirt as needed.	1	\$120.00	\$120.00
<del>Concrete Medians/Tripovers (Optional - Not included in the total below)</del>	<del>Supply, deliver and install 2 tons of 1/2 inch epoxy trap over all walkway areas as needed.</del>	<del>2</del>	<del>\$200.00</del>	<del>\$400.00</del>

Subtotal ~~\$5,170.00~~ \$7,070  
 MN State, Ramsey County Sales Tax (8.375%) ~~\$767.00~~ \$592.11  
 Total ~~\$5,937.00~~ \$7,662.11

DETAILED BUDGET FOR 80 E PLEASANT LAKE ROAD 2026 LL1 PH2 VLAWMO GRANT APPLICATION

Homeowner/Contractor	Description	Unit price	Subtotal (pre-tax)	Sales tax (8.375%)	Total (with tax)
Homeowner	Estimated Cost of Plants and Seeds (installation by homeowner). <i>Detailed breakdown in green table next page</i>	NA	See below	See below	\$1,699.50
Homeowner	Homeowner installation of non-dyed wood mulch (15 yards) in and around rain garden and cleared areas to protect new plantings and seeds, assist in drainage and maintain soil wetness and reduce weed infiltration. Less will be used if not needed. (Price estimated by MN Mulch Service)	\$50/yard			\$750.00
Contractor <i>(more info provided in included quote)</i>	Preparation of sites (removal of plants and debris, removal of sod, excavation and haul away)	NA	\$5,560.00	\$465.65	\$6,025.65
Contractor <i>(more info provided in included quote)</i>	Installation of site finalization materials (rock and top-dressing dirt)	NA	\$1,510.00	\$126.46	\$1,636.46
<b>TOTAL PROJECT COST</b>					<b>\$10,111.61</b>
<b>REIMBURSABLE TOTAL</b>	<i>Reimbursed at 75% of costs up to \$7,500</i>				<b>\$7,500.00</b>

**PLANT / SEED DETAILED BREAKDOWN**

Area treated	Item / size	Vendor (URL)	Unit	Qty	Unit price	Subtotal (pre-tax)	Sales tax (8.375%)	Total (with tax)
160 sq ft (rain garden; upper bound of 112–160)	Rain Garden Kit — 36-plug tray	<a href="https://mnlcorp.com/product/rain-garden-kit/">https://mnlcorp.com/product/rain-garden-kit/</a>	tray	4	\$114.00	\$456.00	\$38.19	\$494.19
1,600 sq ft (adjacent to rain garden)	Buckthorn Replacement Seed Mix (1,000-sq-ft pack)	<a href="https://mnlcorp.com/product/mnl-buckthornreplacement-mix/">https://mnlcorp.com/product/mnl-buckthornreplacement-mix/</a>	pack	2	\$55.00	\$110.00	\$9.21	\$119.21
1,600 sq ft (adjacent to rain garden)	Buckthorn Replacement Kit — 36-plug tray	<a href="https://mnlcorp.com/product/buckthorn-replacement-kit/">https://mnlcorp.com/product/buckthorn-replacement-kit/</a>	tray	2	\$114.00	\$228.00	\$19.10	\$247.10
240 sq ft (woodland edge band along 40x40)	Woodland Edge Kit — 36-plug tray	<a href="https://mnlcorp.com/product/woodland-edge-kit/">https://mnlcorp.com/product/woodland-edge-kit/</a>	tray	1	\$114.00	\$114.00	\$9.55	\$123.55
~20x10 ft driveway side-slope	<i>Diervilla lonicera</i> (Dwarf Bush Honeysuckle), #2 (2-gal) @ 2-2.5 ft o.c.	<a href="https://www.gertens.com/dwarf-bush-honeysuckle">https://www.gertens.com/dwarf-bush-honeysuckle</a>	plant	30	\$21.99	\$659.70	\$55.75	\$715.45
<b>TOTAL PLANT AND SEED COST</b>								<b>\$1,699.50</b>

## Project Information

Calculator Version:	Version 4: July 2020
Project Name:	Katie Ballering
User Name / Company Name:	
Date:	2/10/2026
Project Description:	Rain Garden collecting stormwater runoff from the street.
Construction Permit?:	No

## Site Information

Retention Requirement (inches):	1.1
Site's Zip Code:	55127
Annual Rainfall (inches):	31.8
Phosphorus EMC (mg/l):	0.3
TSS EMC (mg/l):	54.5

### Total Site Area

Land Cover	A Soils (acres)	B Soils (acres)	C Soils (acres)	D Soils (acres)	Total (acres)
Forest/Open Space - Undisturbed, protected forest/open space or reforested land			0.56		0.56
Managed Turf - disturbed, graded for yards or other turf to be mowed/managed			0.84		0.84
			Impervious Area (acres)		0.24
			Total Area (acres)		1.64

### Site Areas Routed to BMPs

Land Cover	A Soils (acres)	B Soils (acres)	C Soils (acres)	D Soils (acres)	Total (acres)
Forest/Open Space - Undisturbed, protected forest/open space or reforested land					0
Managed Turf - disturbed, graded for yards or other turf to be mowed/managed			0.46		0.46
			Impervious Area (acres)		0.13
			Total Area (acres)		0.59

## Summary Information

### Performance Goal Requirement

Performance goal volume retention requirement:	958	ft <sup>3</sup>
Volume removed by BMPs towards performance goal:	120	ft <sup>3</sup>
<b>Percent volume removed towards performance goal</b>	<b>13</b>	<b>%</b>

### Annual Volume and Pollutant Load Reductions

Post development annual runoff volume	1.038	acre-ft
Annual runoff volume removed by BMPs:	0.2851	acre-ft
<b>Percent annual runoff volume removed:</b>	<b>27</b>	<b>%</b>

Post development annual particulate P load:	0.4658	lbs
Annual particulate P removed by BMPs:	0.128	lbs
Post development annual dissolved P load:	0.381	lbs
Annual dissolved P removed by BMPs:	0.105	lbs
Total P removed by BMPs	0.233	lbs
<b>Percent annual total phosphorus removed:</b>	<b>27</b>	<b>%</b>

Post development annual TSS load:	153.9	lbs
Annual TSS removed by BMPs:	42.3	lbs
<b>Percent annual TSS removed:</b>	<b>27</b>	<b>%</b>

## BMP Summary

### Performance Goal Summary

BMP Name	BMP Volume Capacity (ft <sup>3</sup> )	Volume Recieved (ft <sup>3</sup> )	Volume Retained (ft <sup>3</sup> )	Volume Outflow (ft <sup>3</sup> )	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	120	519	120	399	23

### Annual Volume Summary

BMP Name	Volume From Direct Watershed (acre-ft)	Volume From Upstream BMPs (acre-ft)	Volume Retained (acre-ft)	Volume outflow (acre-ft)	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	0.5359	0	0.2851	0.2508	53

### Particulate Phosphorus Summary

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	0.2405	0	0.128	0.1125	53

**Dissolved Phosphorus Summary**

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	0.1968	0	0.1047	0.0921	53

**Total Phosphorus Summary**

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	0.4373	0	0.2327	0.2046	53

**TSS Summary**

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
0 - Bioretention basin (w/o underdrain)	79.44	0	42.26	37.18	53

**BMP Schematic**



0 - Bioretention basin (w/o underdrain)

# V. A. Ballering Rain Garden Application Phase 2

## LL1 2026-01 Grant Application

**Lauren Sampedro**  
**TEC Meeting**  
**3/11/2026**



1

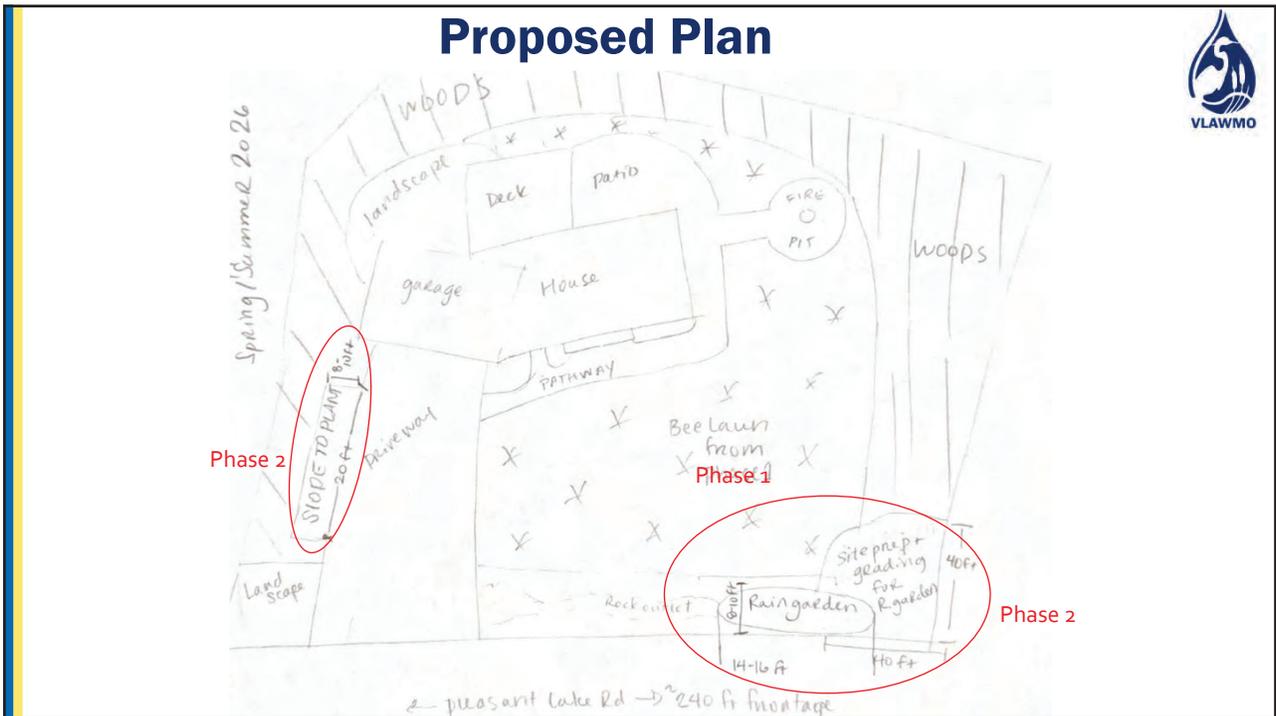
### LL1 2026-01-Location Aerial



2



3



4

## Proposed Plant Highlights

Slope Stabilization	Native Plant Restoration	Rain Garden
Dwarf Bush Honeysuckle	Brown-eyed Susan Zig-zag Goldenrod Calico Aster Little Bluestem Side Oats Grama Fragrant Giant Hyssop Sweet Joe-Pye Weed Columbine	Prairie Blazing Star Cardinal Flower Blue Vervain Monkey Flower Swamp Milkweed Northern Blue Flag Iris Rattlesnake Master
<u>Details</u> 30 shrubs ~200 square feet	<u>Details</u> Mix of seed and 72 plugs ~1,840 square feet	<u>Details</u> 36 plugs ~160 square feet

5



## Watershed Steward Award Nomination

**Kathy Pittelko**

*Nominee affiliation (e.g. volunteer, resident, congregation, lake or homeowners' association, community group)*

Vadnais Heights Green Team

*Reason for nomination (What watershed efforts has this person or group worked on? E.g. BMP installation, partnership event, volunteer activity)*

Kathy volunteers her time to promote the Adopt-a-Drain program in Vadnais Heights. Kathy, along with the members of the Vadnais Heights Green Team Water Quality sub team, coordinates a yearly volunteer drain cleaning event, as well as a drain naming contest. The Water Quality team also presents educational materials at local events throughout the year.

Kathy also spends time educating Vadnais Heights Elementary students, teaching them about water quality issues on their school campus and in their neighborhoods.

*Approximate timing (When did these efforts take place?)*

Throughout the year; 28 hours at least

*How did this person/group or their efforts benefit the watershed community? Can you provide any examples of their notable qualities, problem solving, or impact?*

Kathy is an experienced and dedicated advocate. She makes personal goals and works very hard to achieve them. She's a passionate and value-oriented person that uses her voice to speak up for issues that are important to her. Kathy won't hesitate to reach out to others to make connections and find resources. Kathy takes time to notice others' talents and champion them.



# Watershed Steward Award Nomination

**Gina Ganno Schmidt**

***Nominee affiliation (e.g. volunteer, resident, congregation, lake or homeowners' association, community group)***

Watershed Action Volunteers

***Reason for nomination (What watershed efforts has this person or group worked on? E.g. BMP installation, partnership event, volunteer activity)***

Gina first worked with VLAWMO during the White Bear Montessori natural playground project as a parent volunteer in 2013. This inspired her to create a garden that incorporated best practices for water conservation and a habitat for pollinators in her own yard. With the help of VLAWMO landscape grants in 2014, 2016, and 2020, Gina covered her property with rain gardens, prairie plantings, and native trees to support and nurture the wildlife, pollinators, and the pond on her property.

As a result of her interest and enthusiasm, she has been a tireless educator for best practices for healthy water in VLAWMO. Since 2018, she has generously used her yard as a classroom to spread the word about best gardening practices for water health and conservation through several volunteer activities with VLAWMO. These activities include the neighborhood garden tours and site visits for individual mentoring in garden practices for healthy water.

***Approximate timing (When did these efforts take place?)***

Gina has been an active volunteer with VLAWMO since 2018.

***How did this person/group or their efforts benefit the watershed community? Can you provide any examples of their notable qualities, problem solving, or impact?***

Gina has been an ambassador for VLAWMO's promotion of best practices for gardening for healthy water and establishing habitat for pollinators for many years. She started hosting the annual garden tours in 2018. Each year she welcomes community residents into her yard and takes them on an inspirational journey around her yard, helping them see what they can do to support nature and clean water practices in their own yard.

She has been a Watershed Action Volunteer since 2020, spearheading the peer mentor program of individual site visits for gardening for clean water, participating in trash cleanups near Vadnais Lake, and tabling at events, spreading the word about gardening for clean water. Gina's volunteer activities have been instrumental in spreading the word about the impact individual homeowners can make towards clean water and beneficial habitats for insects.



# Watershed Steward Award Nomination

**Joe Coyne**

***Nominee affiliation (e.g. volunteer, resident, congregation, lake or homeowners' association, community group)***

NOHOA Natural Environment Committee Member and designated Pleasant Lake Shoreline Ambassador

***Reason for nomination (What watershed efforts has this person or group worked on? E.g. BMP installation, partnership event, volunteer activity)***

In 2023, Joe Coyne restored over 270 feet of shoreline on Pleasant Lake adjacent to his home, using both his own funds and a VLAWMO grant. He then petitioned the North Oaks Homeowners Association (NOHOA) to actively facilitate additional shoreline restorations on Pleasant Lake. In 2024, NOHOA appointed Joe to be its Pleasant Lake Shoreline Ambassador, tasked with both encouraging further restorations on Pleasant Lake, and assisting local residents with planning their own restorations, finding contractors, entering into donor agreements with NOHOA as the shoreline property owner, and facilitating VLAWMO grant applications

***Approximate timing (When did these efforts take place?)***

2023 and ongoing

***How did this person/group or their efforts benefit the watershed community? Can you provide any examples of their notable qualities, problem solving, or impact?***

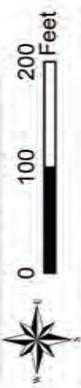
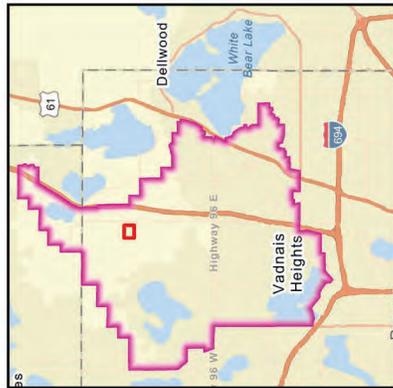
Joe has facilitated:

- 5 completed restorations,
- 2 restorations in progress, and
- 6 potential restorations

Historically, shoreline restoration work on Pleasant Lake had been limited to isolated projects directed by NOHOA. Joe's advocacy for local resident participation in shoreline restorations and his service as Pleasant Lake Shoreline Ambassador has breathed new life into shoreline restoration on Pleasant Lake and unlocked a new source of funding by encouraging donations from local residents.

# VI. B. Update on 319/Wilkinson Lake Phase 2 Project

Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Plan A Layout



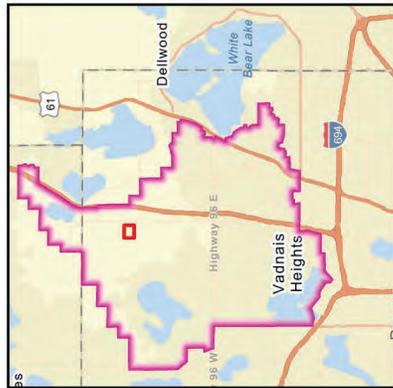
Project Area - Plan A

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	MLP	ANN	70374103	7/24/2020	1 of 7

**HOUSTON**  
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**Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Plan B Layout**



Potential Construction Easement	Spoil Pile Option (Partial)	Parcels	Delineated Wetland Boundary
Wet Vegetation	Plunge Pools	Trail (Mowed Grass)	Stabilization and Enhancement

0 100 200 Feet

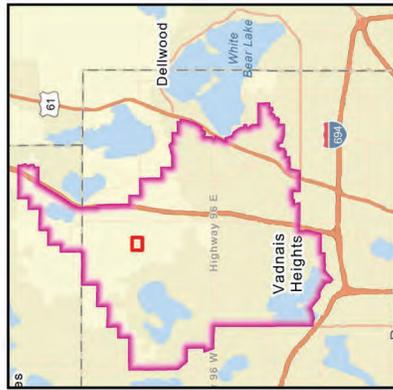
Project Area - Plan B

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AS SHOWN	mh	ANN	10/17/2016	3/24/2016

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Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Concept Layout



- Potential Construction Easement
- Spoil Pile Option (Partial)
- Parcels

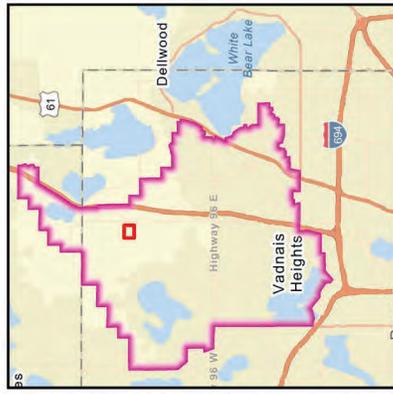


Project Area - Spoil Pile Options			
Scale:	Drawn by:	Checked by:	Date:
AS SHOWN	MMR	ANN	7/24/2024
			Sheet:
			3 of 7

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Wilkinson Lake BMP  
 Access Road Concept Layout  
 Pool Concept Layout



- Potential Construction Easement
- North Oaks - Agricultural Area
- North Oaks - The Pines
- North Oaks - Conservation Area
- Extended Temporary Easement



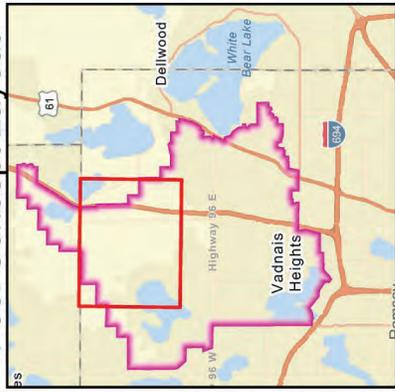
**Project Area - Easements**

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AS SHOWN	MLP	AMM	103-0003	02/20/20	1 of 7

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Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Concept Layout

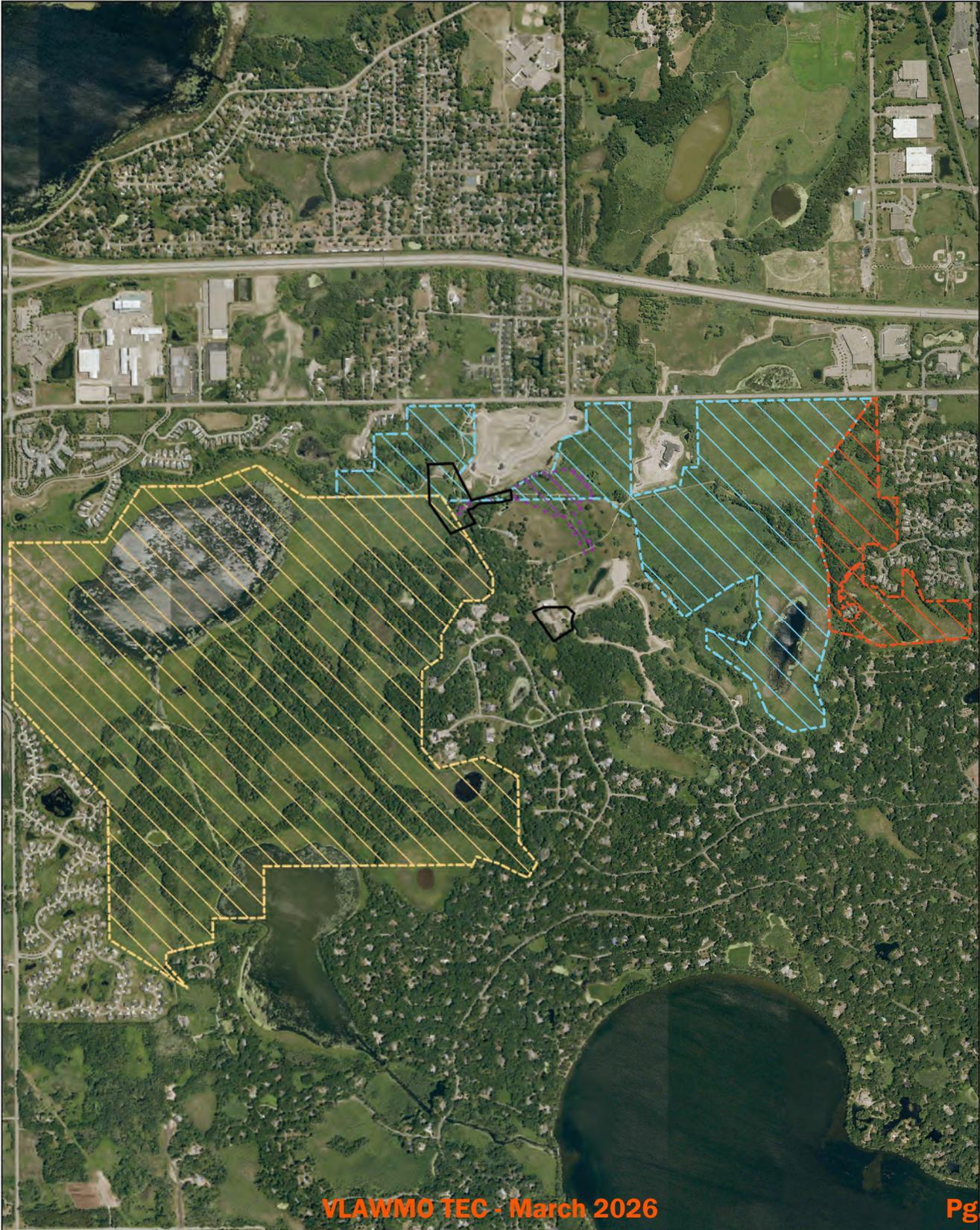


- Easements**
- Potential Construction Easement
  - North Oaks - Agricultural Area
  - North Oaks - The Pines
  - North Oaks - Conservation Area
  - Extended Temporary Easement

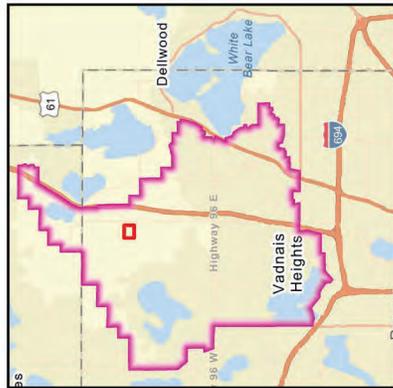


Easements			
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			Sheet:
			11 of 17

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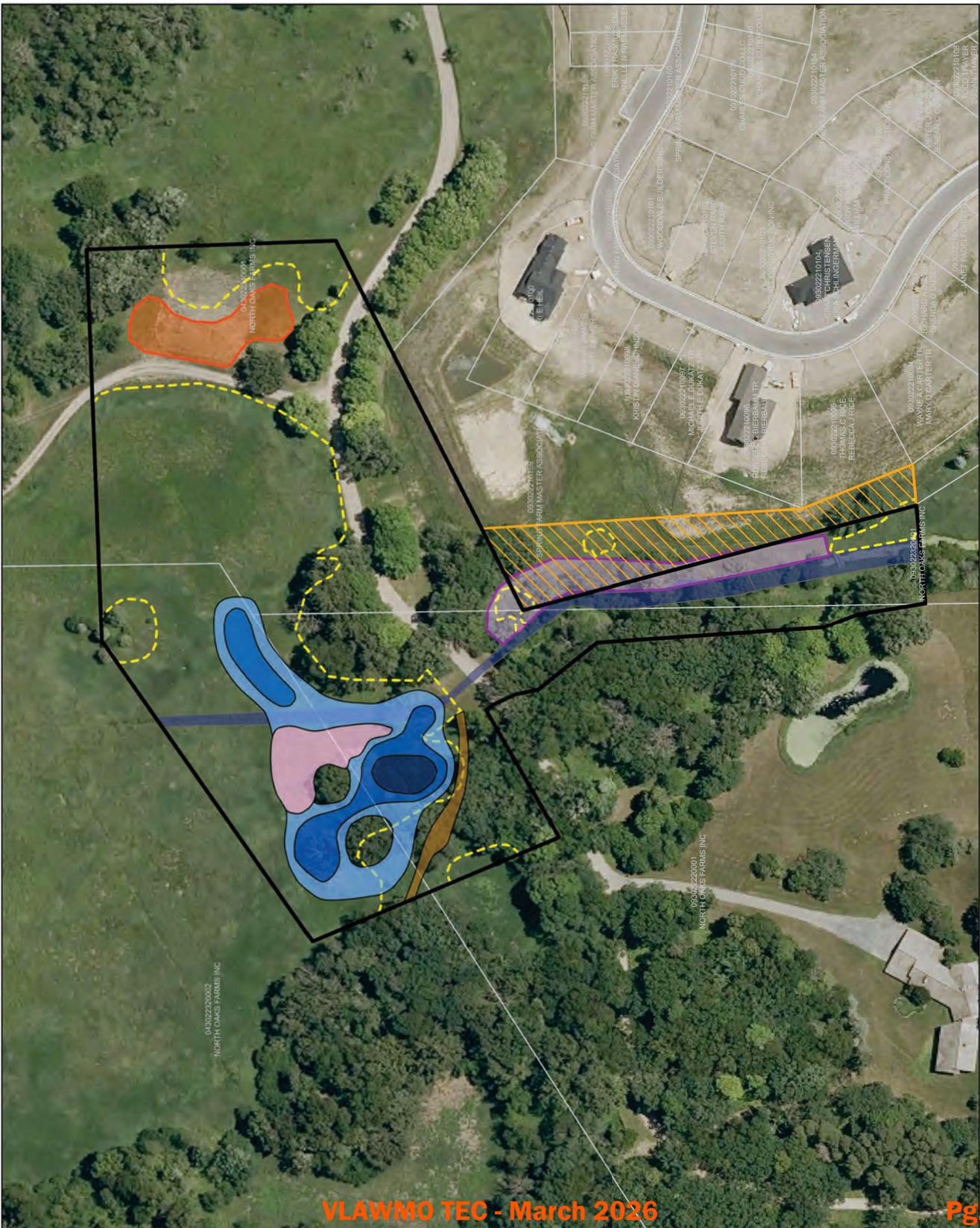
**Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Plan B Layout**



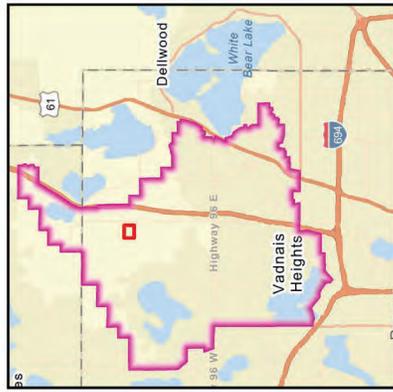
**Project Area - Plan B with Secondary Easement**

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Wilkinson Lake BMP  
 Access Road Plunge  
 Pool Plan B Layout



- Potential Construction Easement
- Spoil Pile Option (Partial)
- Parcels
- Delineated Wetland Boundary
- Ditch Channel
- Trail (Mowed Grass)
- Wet Vegetation
- Plunge Pools
- Stabilization and Enhancement
- Maintenance Easement
- Secondary Construction Easement
- Secondary Maintenance Easement



Project Area - Plan B with Maintenance Easement

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AS SHOWN	MLP	ANN	7037403	7/24/2024	7 of 7

