



AUGUST						
S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

RCWD BOARD OF MANAGERS REGULAR MEETING AGENDA

Wednesday, August 12, 2026, 9:00 a.m.

Mounds View City Hall Council Chambers
2401 County Road 10, Mounds View, Minnesota
Virtual Monitoring via Zoom Webinar

Join Zoom Webinar:

<https://us06web.zoom.us/j/82165354789?pwd=H47N9tmHyZUby1PBZlJlQmWZj9EqrV.1>

Passcode: 519867

+1 312 626 6799 US (Chicago)

Webinar ID: 821 6535 4789

Passcode: 519867

Agenda

CALL TO ORDER

ROLL CALL

OPEN MIC/PUBLIC COMMENT

Any RCWD resident may address the Board in his or her individual capacity, for up to three minutes, on any matter not on the agenda. Speakers are requested to come to the podium, state their name and address for the record. Additional comments may be solicited and accepted in writing. Generally, the Board of Managers will not take official action on items discussed at this time, but may refer the matter to staff for a future report or direct that the matter be scheduled on an upcoming agenda.

SETTING OF THE AGENDA

APPROVAL OF MINUTES: JULY 22, 2026, REGULAR MEETING; AUGUST 3, 2026, WORKSHOP

CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests opportunity for discussion:

Table of Contents-Permit Applications Requiring Board Action

No.	Applicant	Location	Plan Type	Recommendation
26-033	Blaine Ventures, LLC	Blaine	Final Site Drainage Plan Public/Private Drainage System Wetland Alteration Floodplain Alteration	CAPROC 13 items
26-060	Rendova Partnership LLC	Blaine	Final Site Drainage Plan	CAPROC 7 items

4325 Pheasant Ridge Drive NE #611 | Blaine, MN 55449 | T: 763-398-3070 | F: 763-398-3088 | www.ricecreek.org

BOARD OF
MANAGERS

Janet Hegland
Anoka County

Jess Robertson
Anoka County

Michael J. Bradley
Ramsey County

Marcie Weinandt
Ramsey County

John J. Waller
Washington County

It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations, dated August 4, 2026.

Water Quality Grant Program Cost Share Application (Molly Nelson)

No.	Applicant	Location	Project Type	Eligible Total Project Cost	Pollutant Reduction	Funding Recommendation
R26-07	Chase	White Bear Township	Shoreline Stabilization & Restoration	\$29,616.13	Volume: 4,176 cu-ft/yr TSS: 1,685 lbs/yr TP: 1.145 lbs/yr	\$10,000.00 not to exceed 50% of eligible project costs or up to \$10,000.00.
R26-08	Meier	New Brighton	Raingardens & Native Planting	\$12,974.42	Volume: 7,656 cu-ft/yr TSS: 116.58 lbs/yr TP: 0.51 lbs/yr	\$6,487.21 not to exceed 50% of eligible project costs or up to \$10,000.00.
R26-09	Kippels	White Bear Township	Raingarden	\$9,019.50	Volume: 2,558 cu-ft/yr TSS: 33.6 lbs/yr TP: 0.125 lbs/yr	\$4,509.75 not to exceed 50% of eligible project costs or up to \$10,000.00.
W26-02	Dowdal	Mahtomedi	Green Roof	\$21,700.00	Volume: 0.0205 acre-ft/yr TSS: 6.5 lbs/yr TP: <0.01 lbs/yr	\$10,000.00 not to exceed 50% of eligible project costs or up to \$10,000.00.

It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD Outreach and Grants Technician's Recommendations, dated August 3, 2026.

ITEMS REQUIRING BOARD ACTION

1. Jones Lake Restoration Project - Subconsultant (Jen Oknich)
2. Anoka County Ditch 46 – Petition for the Partial Abandonment of Branch #5 (Tom Schmidt, Patrick Hughes)
3. Jones Lake Restoration Project – MPCA and USACE Permit (Jen Oknich)
4. 2026 Minnesota Watersheds Resolutions: Appoint Delegates and Alternates (Kendra Sommerfeld)
5. Jones Lake Sediment Forebay and Public Drainage Maintenance Corridor Construction – Bid Authorization (Jen Oknich)
6. Check Register Dated August 12, 2026, in the Amount of \$270,104.05, Prepared by Redpath and Company

ITEMS FOR DISCUSSION AND INFORMATION

1. District Engineer Updates and Timeline
2. Administrator Updates
3. Manager Updates

**APPROVAL OF MINUTES: JULY 22, 2026, REGULAR MEETING;
AUGUST 3, 2026, WORKSHOP**

DRAFT

For Consideration of Approval at the August 12, 2026 Board Meeting.
Use these minutes only for reference until that time.

REGULAR MEETING OF THE RCWD BOARD OF MANAGERS

Wednesday, July 22, 2026

Mounds View City Hall Council Chambers
2401 County Road 10, Mounds View, Minnesota
Virtual Monitoring Via Zoom Webinar

Minutes

CALL TO ORDER

President Michael Bradley called the meeting to order, a quorum being present, at 9:00 a.m.

ROLL CALL

Present: President Michael Bradley, 1st Vice-Pres. John Waller, Treasurer Marcie Weinandt, Secretary Janet Hegland

Absent: 2nd Vice-Pres. Jess Robertson (with prior notice)

Staff Present: Administrator Nick Tomczik, Regulatory Manager Patrick Hughes, Public Drainage & Facilities Manager Tom Schmidt, Program Technician Emmet Hurley (videoconference), Office Manager Theresa Stasica

Consultants: District Engineer Chris Otterness from Houston Engineering, Inc. (HEI) & District Attorney John Kolb-Rinke Noonan

Visitors: Charlie Melcher, Adam Wojcik, Lyle Dahlin, Dana Hlebichuk, Administrator Nyle Zikmund-City of Mounds View

Visitors monitoring via Zoom: Joe Pearce, Michael Miller

OPEN MIC/PUBLIC COMMENT

No public comments were made.

SETTING OF THE AGENDA

Motion by Manager Weinandt, seconded by Manager Waller, to approve the agenda as presented. Motion carried 4-0.

READING OF THE MINUTES AND THEIR APPROVAL

Minutes of July 6, 2026, Workshop and July 8, 2026, Board of Managers Regular Meeting.

Motion by Manager Hegland, seconded by Manager Weinandt, to approve the July 6, 2026, workshop minutes and July 8, 2026, meeting minutes. Motion carried 4-0.

CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests an opportunity for discussion:

Table of Contents-Permit Applications Requiring Board Action

No.	Applicant	Location	Plan Type	Recommendation
26-038	Schmieg Trust	Columbus	Final Site Drainage Plan	CAPROC 17 items
			Public/Private Drainage System	
			Wetland Alteration	
			Floodplain Alteration	

It was moved by Manager Bradley and seconded by Manager Waller, to approve the consent agenda Permit 26-038 as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations, dated July 14, 2026. Motion carried 4-0.

ITEMS REQUIRING BOARD ACTION**1. Anoka Ramsey Judicial Ditch #1 Repair Report**

Public Drainage & Facilities Manager Schmidt stated that the repair report had been completed by Houston Engineering and explained that District Engineer Otterness would outline the alternatives included in the staff report.

District Engineer Otterness gave a brief presentation outlining the repair report for ARJD #1, including the timeline to date, the conditions of the drainage system, recommended repairs, and the anticipated schedule for the repairs. He explained that the purpose of the repair is to restore the drainage system as close as possible to the original condition. He noted that concerns about threatened and endangered (T&E) species had been mentioned during previous discussions and explained that there were a total of 16 different species identified in the area. He reviewed the tree removal plans and noted that staff needs input from the Board regarding the City of Mounds View's request that the District include tree removal on both sides of the ditch within city property, as that would deviate from their typical practice. He outlined the plans to remove the weir wall, modifications to the crossings, realignment of Branch 2, Lateral 1, shared the preliminary opinion from Houston Engineering on the probable construction costs, and project funding options. He explained that a public information meeting has been planned for August 12, 2026, and a public hearing on September 9, 2026.

Motion by Manager Waller, seconded by Manager Weinandt, to adopt Resolution 2026-08 Findings And Order Initiating Repair Proceedings For Anoka-Ramsey Judicial Ditch 1:

Manager Waller explained that he was a strong advocate of the ditch systems, and he felt one of the most important things about this order was to reestablish what the system is, so he supported this project. He stated that one of the things that was important is that many of these systems were created 125 years ago for a different purpose and noted that now there have been land use changes and not as much open land. He stated that as this moves forward, the next thing the District should do is to make sure the regional transportation matches the inputs from the cities. He stated that after they reestablish what was there, he believed the next step the District should take was to move into the improvement category so the system can handle more than just a 2-year event. He explained that he would also support the request from the City of Mounds View to clear the trees on both sides of the ditch.

President Bradley referenced Branch 2, Lateral 1, and asked if staff had considered abandoning that portion when it got to the building because he believed this was intended to be an outlet for a wetland.

District Engineer Otterness clarified that there was a neighborhood that drains into the ditch in that location, so it would still be utilized for roadway and residential flow purposes. He stated that they had looked at other alternatives for what could be done there, but reiterated that the ditch still served a usable purpose, so abandoning it could potentially put properties at risk.

President Bradley asked if the District had the capacity to have 4 different WMDs to reflect the unique costs imposed.

District Engineer Otterness stated that right now it was one WMD, which is consistent with how drainage systems are managed under 103E.

Manager Weinandt left the dais.

District Attorney Kolb stated that the WMD charge authority in the watershed law was not unlimited, so the District cannot use it for everything. He explained that they have to address the demand or need for the work/costs. He noted that each time the District establishes a WMD for the imposition of charges, they have to amend the plan. He explained that the District had created WMDs for specific projects or facilities.

Manager Weinandt returned to the dais.

District Attorney Kolb stated that to do what President Bradley had proposed, they would have to set up a subdistrict by a plan amendment, and then figure out the basis of the

charges. He stated that he believed what President Bradley may be contemplating is that the basis of the charges is that the District had an additional cost to correct the obstruction/impediment/prior error of the building being constructed over the top of the system. He explained that going through this process would cost the District money and didn't know how the costs would be allocated. He stated that he wasn't sure why the building was built over the system, but assumes it had been done before there were good permitting programs in place.

Manager Weinandt asked staff to display page 35 of the report because it was a detailed map that she felt would help the Board's discussion. She stated that District Engineer Otterness had told President Bradley that there was a neighborhood that drained into Branch 2, Lateral 1, but on the map it appears to be all commercial and industrial uses.

District Otterness stated that there is probably more commercial/industrial there than there is residential.

Manager Weinandt asked for more information on fencing and other obstructions within the right-of-way and who would bear the cost if, for example, a fence needed to be moved.

District Otterness stated that typically for a repair the District has not undergone an obstruction proceeding to force a landowner to move their fence. He noted that there have been situations where they have temporarily relocated the fence and put it back in and explained that sometimes they have added gates so they are able to get in and out. He stated that they have determined that they should be able to avoid most of the obstructions, but there were some areas where the assumption is that they would have to take the fence down and then put it up again.

Manager Weinandt asked about the public water course dots indicated on the map from page 35 and asked if the yellow areas were more wetlands and not part of the public waters.

District Engineer Otterness explained that the yellow dashed lines are the public water courses that have been identified by the DNR, and there are many locations where, in that inventory, they have identified county and judicial ditches as being altered natural water courses. He explained that was the case in this situation as well, where the main trunk of the drainage system all the way up to County Road J is identified as a public water course. He noted that it deviates from the actual location of the ditch in a few spots because the mapping is old. He explained that the diagonal hatch marks are public water basins or public water wetlands. He stated that they have concluded that the repairs will not significantly affect any of the public water basins, wetlands, or public water course.

Manager Hegland asked about removal of the weir and noted that during his report, she thought District Engineer Otterness had stated that it diverted water to a stormwater

pond and asked if that meant the system would lose capacity if the weir was removed or if it would just be routed differently, but still end up at the stormwater pond.

District Otterness stated that the system would not lose capacity as all of the water ends up back in the ditch. The original purpose of the weir was not for managing capacity, but an attempt at treating water quality, for which it is ineffective.

Manager Hegland clarified that it wasn't put in for capacity purposes and was for water treatment.

Manager Weinandt asked for the exact location of the weir.

Public Drainage & Facilities Manager Schmidt stated that the weir was located in Blaine within Kane Meadows Park.

Manager Hegland asked if the reason the District typically only removed trees from one side of the ditch was due to cost and explained that to her, it seemed like getting rid of trees on both sides of the ditch would make sense.

District Engineer Otterness acknowledged that it was primarily due to cost considerations and noted that when this was within a residential area, people have the tendency to like the trees and want them to stay.

Manager Hegland asked if the District would consider taking trees down on both sides of the ditch if the other cities requested it and expressed concern that the District would be setting a precedent if they did it for Mounds View.

District Engineer Otterness explained that the Board had the discretion to make those decisions.

Manager Hegland referenced the earlier conversation about the fencing located in the right-of-way areas. She stated that District Engineer Otterness had indicated that in the past they have removed the fencing and then reinstalled it and asked if they put it back outside of the right-of-way or back where it was located previously, within the right-of-way.

District Engineer Otterness explained that it would depend on landowner coordination and usage of the property. He stated that ideally they would move the fence to the edge of the property, but that would require coordination with the landowner and noted that those kinds of details would be part of the final plans.

Manager Hegland explained that she was thinking about this as a former Councilmember, when if people had something located within the right-of-way, it was their problem to deal with, not the city. She asked if cities had a different authority than the District.

District Attorney Kolb explained that it was usually more of an issue with documentation and record keeping about the right-of-way. He stated that public roadways usually have good records about the establishment of right-of-way details, but these encroachments, because of the nature of drainage system rights-of-way, have not been required to be recorded. He gave an example of a homeowner thinking they have a little creek running through their yard and built a shed right at its edge, not realizing that it was within the right-of-way for the drainage system, because in most cases that information was not recorded. He stated that because of this, the Board has taken the position that it will work around the encroachments and impediments in these cases.

Manager Weinandt asked if the representative from the City of Mounds View wanted to address the Board about this project and the request to remove trees from both sides of the ditch.

Nyle Zikmund, City Administrator for the City of Mounds View, acknowledged that the city would appreciate having the trees removed from both sides of the ditch and noted that they were also open to discussing possible cost-share options.

President Bradley referenced page 40 of the report that had language related to the owner of the crossing choosing to install a culvert larger than the current culvert, but at their own cost. He asked if someone came in with this request, whether staff would take a look to see what potential impact there may be downstream if that was done.

District Engineer Otterness stated that as part of the repair report, they analyzed every culvert and ran them through the District model to confirm whether they were adequately sized. He stated that having a culvert larger than what is necessary is not problematic. He explained that the District gives them a minimum size for the culvert, but if they wanted a larger one, it can be installed, but they would need to pay for it.

Manager Waller asked about the size of the bridge included in the repair report.

District Engineer Otterness stated that it was a footbridge that was in disrepair, which is why the city wanted it addressed.

Therefore, the RCWD Board of Managers makes the following:

ORDER

A. The Board of Managers receives the draft engineer's Repair Report for ARJD 1 for filing.

B. The Board of Managers directs its administrator to send correspondence to the Cities of Blaine, Mounds View, Shoreview and Lexington, pursuant to statutes section

103D.621, subd. 4, to confirm or obtain their concurrence to exercise alternative powers found in statutes chapters 103B and 103D to repair and manage the drainage system. Upon confirmation of the concurrence, the Board shall conduct further proceedings for the repair of ARJD 1 utilizing the additional authorities provided in Minnesota Statutes Section 103D.621, subd. 4.

C. The Board of Managers further directs its administrator and staff to begin coordination with affected municipalities to coordinate municipal concerns as part of the repair process.

D. The Board of Managers further directs its administrator and staff to begin coordination with the required local, state, and federal regulatory entities to ensure timely identification of regulatory issues and regulatory approvals for the proposed drainage system repair.

E. The Board of Managers further directs its administrator and staff, upon completion of necessary coordination as discussed above, to set a date, time and location for a hearing on the repair and water management district charges. Notice shall be given as required by statute and applicable policy.

F. The Board of Managers directs its administrator to coordinate and take all subsequent actions necessary for preparation of the repair in a manner consistent and compliant with existing law. The Board reserves to itself, however, all subsequent actions required by law to proceed upon Board approval.

ROLL CALL:

Manager Bradley – Aye

Manager Hegland - Aye

Manager Robertson – Absent

Manager Waller – Aye

Manager Weinandt – Aye

Motion carried 4-0.

District Engineer Otterness asked for direction from the Board on how they would like him to deal with the cost of Branch 2, Lateral 1, and the additional tree clearing on the opposite side of the ditch for the City of Mounds View.

Following discussion, there was consensus of the Board to deal with the costs as part of the 60/40 split and not ad valorem; and amend the report to include the costs for clearing both sides of the ditch in the City of Mounds View as part of the cost allocations.

Manager Waller reminded the Board that Mounds View City Administrator Zikmund had indicated that he was open to a possible cost-share for those costs.

294 Manager Hegland stated that she remained concerned about setting a precedent and
295 would like a process where the additional tree clearing situation came up again in the
296 future so that the District has a process that communicates that the District was open to
297 it.

298
299 Manager Waller explained that he supported removing trees on both sides of the ditch
300 and would support creation of that type of policy in the future.

301
302 District Attorney Kolb explained that the District's policy in the past has essentially been
303 to look for the path of least resistance. He stated that there was not a formal policy as
304 suggested by the Board, but staff could work on that, so it could be memorialized the way
305 Manager Hegland had suggested.

306
307 Public Drainage & Facilities Manager Schmidt asked the Board if they supported the
308 proposed date for the public information meeting.

309
310 Following discussion, the Board confirmed support of the public information meeting
311 date, as proposed.

312
313 **2. Solicitation for Professional Services 2027-28**

314 District Administrator Tomczik explained the requirement for water management
315 organizations to solicit interest proposals for professional services every two years. He
316 explained that this would be for services such as the engineer, attorney, accountants, or
317 human resources consultants. He noted that the requested action would allow the
318 entities to provide the District with a proposal which would be reviewed by the Board at
319 the October 12, 2026 workshop meeting. He asked the Board if they would like to offer
320 any specific areas of emphasis for the process.

321
322 ***Motion by Manager Waller, seconded by Manager Bradley, to Authorize the***
323 ***Administrator to publish in the District's official newspaper, post on District website,***
324 ***and distribute to its current consultants the Solicitation of Interest Notice for***
325 ***Professional Services.***

326
327 President Bradley noted that he recollected that the Board had elected not to use the
328 services of a human resource consultant and asked if that should be removed from the
329 list to avoid a consultant spending time and money to apply for a job that was not
330 available.

331
332 District Administrator Tomczik stated that the past human resources consultant the
333 District had used was productive. He explained that he felt that this was definitely a
334 need for the District and explained that Office Manager Stasica has a large burden in
335 dealing with human resource matters. He stated that he would suggest that the Board
336 leave human resources in the notice and noted that he would also like to have a discussion

with the Board on whether they may be open to an internal position for human resource services.

Manager Waller asked if the District was required to have professional services for accountants, attorneys, and engineers.

District Attorney Kolb answered that the District was not required, but the watershed law does authorize the Board to hire chief engineers, attorneys, and other consultants.

District Administrator Tomczik asked if there were areas of emphasis that the Board would like staff to be aware of for the process.

Manager Weinandt stated that Manager Robertson had suggested at an earlier meeting that there be solicitation of others who may be able to do the rare plant survey. She asked staff to keep that in mind as they were having conversations with those who express interest.

District Administrator Tomczik stated that the District maintains a list of other consultants who have expressed interest in working with the District and have certain areas of expertise.

Manager Hegland stated that she endorsed the District having an HR consultant. She asked for an explanation of how a solicitation of interest notice for professional services was different than a Request for Proposal (RFP) process. She suggested that the District may want to expand the scope beyond just posting it on the District website and distributing it to the existing consultants. She stated that she would also like to see the District put together the services they were specifically looking for and have it sent out more broadly.

District Administrator Tomczik stated that he believed that the District had flexibility to do as suggested by Manager Hegland. He stated that he had contemplated whether the HR needs would be better handled internally so he can put together a list of what they need and consider whether a consultant or employee would serve the District better.

Motion carried 4-0.

3. Ramsey County Ditches 2 & 5 – Reroute and Impoundment Proceedings

Drainage & Facilities Manager stated that the Board had petitioned itself for alterations to Ramsey County Ditches 2 and 5 (RCD 2 & 5) and the subsequent report from Houston Engineering has been completed.

District Engineer Otterness began a brief presentation on the realignment and impoundment of RCD 2 & 5.

Motion by Manager Bradley, seconded by Manager Weinandt, to accept the Engineer's report for the RCD #2 & #5 Petition for Realignment and Impoundment and Further Authorizes Staff to Notice a Public Hearing on the Modifications.

District Engineer Otterness continued with his presentation and reviewed the site location, proposed modifications, purpose of the modifications, effects of the modifications, and the environmental effects/permitting. He stated that staff was recommending that the Board hold a public hearing and order the impoundment of RCD 2 & 5 and the realignment of RCD 5.

Manager Weinandt noted that staff was recommending a public hearing on August 24, 2026, and asked if the Board would be asked to recommend the order at the same time.

District Attorney Kolb stated that the Board would have that option, but usually the Board opts to continue it to a future meeting for the final action.

Manager Weinandt explained that she was not able to attend the public hearing on August 24, 2026, and would request that the final action happen at a different meeting, when she could be present.

Manager Waller asked how much benefit they would be able to get in comparison with the 10-year events that are dumped into a 2-year event system. He stated that the land use changes have been documented, which, to him, meant that the transportation system for the stormwater needed to be updated. He clarified that he was not asking whether there was a benefit to this project, but whether there was enough benefit and asked if they should start looking at the system to make it adequate for the inputs.

District Engineer Otterness explained that they had done a lot of analysis in this area and looked at many alternatives. He stated that the alternative presented was the one they felt had the greatest potential throughout the entire District of reducing flood damage risk.

Motion carried 4-0.

4. Check Register Dated July 22, 2026, in the Amount of \$358,565.95 and July Interim Financial Statements Prepared by Redpath and Company.

Motion by Manager Weinandt, seconded by Manager Bradley, to approve check register dated July 22, 2026, in the Amount of \$358,565.95 and July Interim Financial Statements prepared by Redpath and Company.

The Board and District staff discussed the sureties being returned and the District's process for them to be inspected and resolved, potentially more quickly.

Motion carried 4-0.

ITEMS FOR DISCUSSION AND INFORMATION

1. Staff Reports

Manager Weinandt stated that within Regulatory Technician Anna Grace's report, it indicated she had been working with Flint Hills Resources and asked if that was related to pipeline issues again. She asked if the District's communications with pipeline companies were better than they had been in the past.

District Administrator Tomczik stated that he believed that the District's communication has been better than ever and there was a lot of preventative work taking place.

District Engineer Otterness stated that the communication and reception the District has gotten from the pipeline companies varies by company. He noted that Flint Hill Resources has been very active lately working with the District on a number of different drainage systems.

2. August Calendar

District Administrator Tomczik noted that on August 3, 2026, they should add the workshop meeting for 1:00 p.m. and reminded them that the August 24, 2025 regular Board meeting would be on Monday and not Wednesday.

3. Administrator Updates

District Administrator Tomczik stated that the District was looking to have an informational open house meeting regarding the JD3 Clearwater Creek project sometime during August. He explained that he sent a letter of support in collaboration with the Ramsey Conservation District, which is now part of the Ramsey County government, regarding a well protection grant. He noted that Manager Hegland had pointed out that the Sunday Minneapolis paper had an article about invasive reed grass that identified some areas that appear to be within the District.

4. Manager Updates

Manager Waller gave a brief overview of the meeting he attended a Met Council meeting at Lino Lakes related to White Bear Lake, along with Lake & Stream Manager Kocian and Manager Hegland.

DRAFT

461 Manager Weinandt stated that Ramsey County has a new Director for the Conservation
462 District and expressed condolences that former Director WhiteEagle had passed away.
463 She noted that there were over 350 swimmers, including herself, in Turtle Lake last
464 weekend for the Turtle Man Triathlon.

465
466 Manager Hegland stated she participated in the Metro Watersheds Zoom call last night
467 with District Administrator Tomczik. She gave a brief overview of the current update
468 regarding the status of the Minnesota Plumbing Board issue and noted that the intent
469 was to continue to meet to discuss other areas of concern.
470

471 **ADJOURNMENT**

472 ***Motion by Manager Hegland, seconded by Manager Waller, to adjourn the meeting at 11:19***
473 ***a.m. Motion carried 4-0.***
474

DRAFT

RCWD BOARD OF MANAGERS WORKSHOP

Monday, August 3, 2026

Rice Creek Watershed District Conference Room
4325 Pheasant Ridge Drive NE, Suite 611, Blaine, Minnesota
and

Meeting also conducted by alternative means
(teleconference or video-teleconference) from remote locations

The Board convened the workshop at 1:00 p.m.

Attendance: Mike Bradley, Jess Robertson, John Waller, Marcie Weinandt, Janet Hegland

Staff: Administrator Nick Tomczik, Drainage & Facilities Manager Tom Schmidt,
Project Manager Jen Oknich, Program Support Technician Emmet Hurley
(video-conference), Office Manager Theresa Stasica

Consultants: District Engineer Chris Otterness-Houston Engineering Inc., District Attorney
John Kolb-Rinke Noonan

Visitors: Craig Schlichting-City of New Brighton

Visitors monitoring via Zoom: Minnesota State Representative David Gottfried, Ramsey County
Commissioner Tara Jebens-Singh, Mikaela Campbell-Ramsey County

Jones Lake Project as Part of the BWP Project #2013-01 as Petitioned by the Cities of New Brighton, Saint Anthony, and Roseville

District Engineer Otterness gave a presentation providing additional information to address questions the Board brought up at their 6/22/26 workshop. The presentation included the goals and objectives identified in the cities petition; Phase 1, 2, and 3 project reports which provide a roadmap to achieve these goals (projects completed Hansen Park, Mirror Pond and 4th Street Stormsewer Reconstruction); and the Jones Lake Restoration Project components. The Jones Lake project components include outlet structure modifications, pond excavation, sediment forebay creation, and Ramsey County Ditch 5 realignment. District Engineer Otterness explained how these elements would address flood control for 100-year rainfall events while improving water quality in Pike and Long Lakes.

District Engineer Otterness also described an alternative “perimeter excavation” option that would be less expensive initially but potentially provide shorter-term benefits and require more frequent maintenance. This alternative has not been presented to DNR’s permit review team yet.

Board members discussed the alternative excavation approach, DNR permit requirements, and funding options. Staff clarified the additional study is needed to demonstrate restoration levels required for DNR permit eligibility.

Manager Robertson left the meeting due to a prior commitment. The remaining Board by consensus identified the following:

A) the need to formally authorize Houston Engineering to use a sub-consultant, which will be added to the next meeting agenda. Staff informed the Board that there may be an adjustment to the task order if more work is required and funds are exceeding the task order budget.

B) ad valorem contributions to the project matching or exceeding state funding awards; and

C) directing staff and consultants to engage DNR on the current recommended alternative and the perimeter excavation alternative to seek input on alignment with state statute and rules.

There will be additional discussions at their upcoming budget workshop regarding the funding of the project.

Solicitation of Interest Notice for Professional Services

The board discussed the process with staff. The district is required by statute to conduct biennial solicitations.

Administrative Updates

- Staff are monitoring bluegreen algae & fish kill reports throughout the district and providing public outreach to address concerns.
- Update on the City of Circle Pines email findings from the April 22, 2026, outfall investigation.
- Requested authorization to purchase an AED for the office. Board by consensus supported purchase.
- Commissioner Miron Waste Storage Facility Field Tour, Wednesday, July 29th.

The workshop was adjourned at 3:25 p.m.

CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests opportunity for discussion:

Table of Contents-Permit Applications Requiring Board Action

No.	Applicant	Location	Plan Type	Recommendation
26-033	Blaine Ventures, LLC	Blaine	Final Site Drainage Plan Public/Private Drainage System Wetland Alteration Floodplain Alteration	CAPROC 13 items
26-060	Rendova Partnership LLC	Blaine	Final Site Drainage Plan	CAPROC 7 items

It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations, dated August 4, 2026.

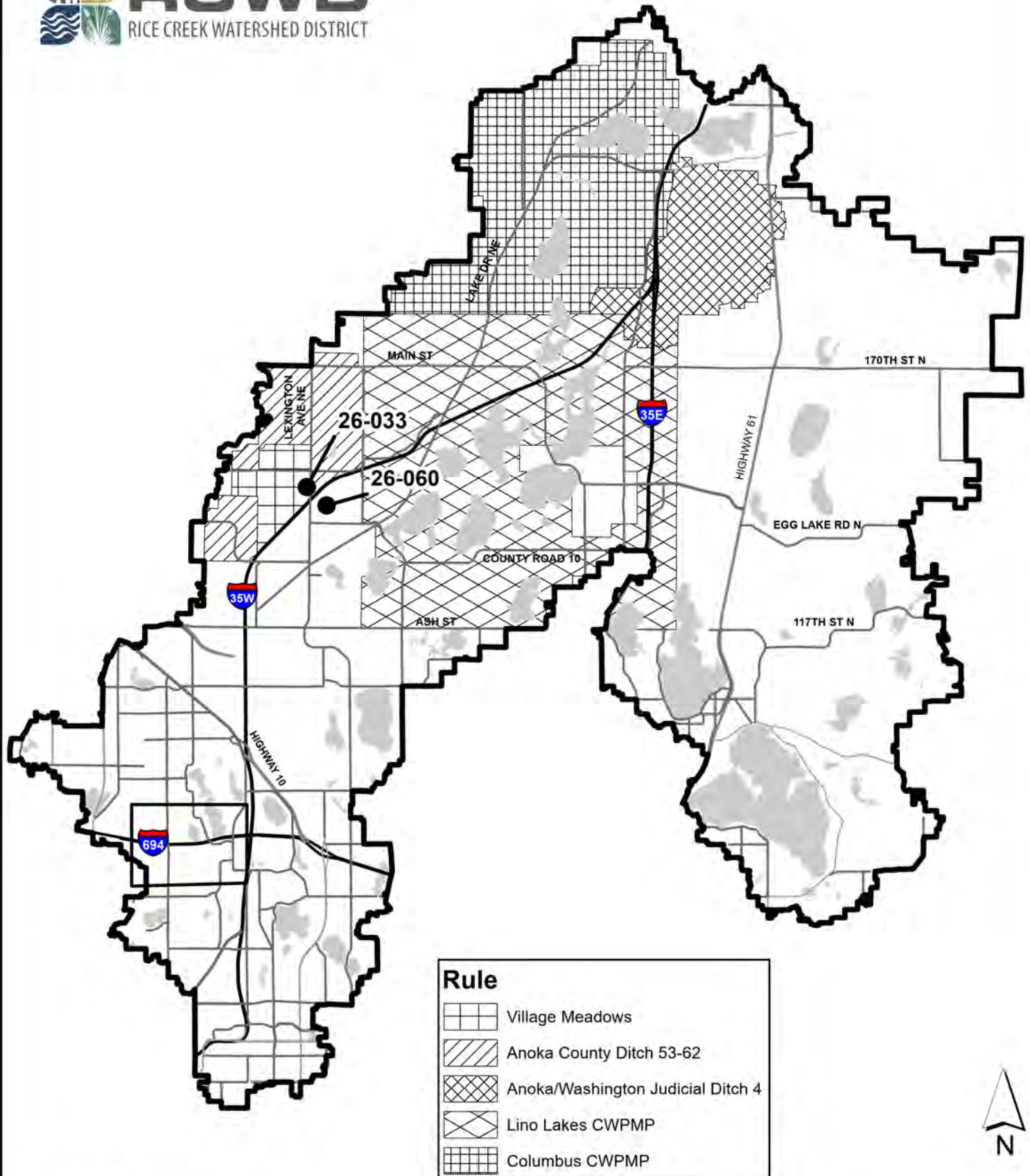
**RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA**

August 12, 2026

It was moved by _____ and seconded by _____ to Approve, Conditionally Approve Pending Receipt Of Changes, or Deny, the Permit Application noted in the following Table of Contents, in accordance with the District Engineer's Findings and Recommendations, as contained in the Engineer's Findings and Recommendations, as contained in the Engineer's Reports dated August 4, 2026.

TABLE OF CONTENTS

Permit Application Number	<u>Applicant</u>	Page	Recommendation
	Permit Location Map	20	
26-033	Blaine Ventures, LLC	21	CAPROC
26-060	Rendova Partnership LLC	29	CAPROC



Permit Reviews
08/12/2026 Agenda



WORKING DOCUMENT: This Engineer's report is a draft or working document of RCWD staff and does not necessarily reflect action by the RCWD Board of Managers.

Permit Application Number:

26-033

Permit Application Name:

Pheasant Ridge Improvement Project

Applicant/Landowner:

Blaine Ventures, LLC
Attn: Ned Abdul-Hajj
501 N 1st Ave STE 600
Minneapolis MN 55403
(612) 222-8336
ned@swervo.com

Permit Contact:

Stantec
Attn: Tony Kaster
One Carlson Parkway STE 100
Plymouth MN 55447
(612) 297-8654
anthony.kaster@stantec.com

Stantec
Attn: Michael Himmerich
733 S Marquette Ave STE 1000
Minneapolis MN 55402
(763) 252-6840
Mobile: (763) 333-4175
michael.himmerich@stantec.com

Stantec
Attn: Brendan Barth
733 Marquette Ave STE 1000
Minneapolis MN 55402
(612) 300-3502
brendan.barth@stantec.com

Valerian LLC
Attn: Michael Margulies
3720 Washburn Ave S
Minneapolis MN 55410
(612) 205-0521
michaelmargulies7@gmail.com

Project Name: Pheasant Ridge Improvement Project

Purpose: FSD – Final Site Drainage, PDS – Public/Private Drainage System, WA – Wetland Alteration, FA – Floodplain Alteration; The proposed redevelopment project includes the partial removal of the existing building, modification of existing stormwater BMPs, new stormwater management infrastructure, and construction of three new buildings with associated utilities, pavement, and sidewalks.

Site Size: 10.43± acre parcel / 5.48 ± acres of disturbed area; existing and proposed impervious areas are 2.84 ± acres and 4.93 ± acres, respectively

Location: 4131 Pheasant Ridge Dr NE, Blaine

T-R-S: NE ¼, Section 23, T31N, R23W

District Rule: C, D, E, F, I

Recommendation: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items:

Conditions to be Met Before Permit Issuance:

Rule C - Stormwater

1. Per Rule C.9(d), stormwater ponds must be designed to provide:
 - (4) An identified emergency overflow spillway sufficiently stabilized to convey flows for greater than the 100-year critical storm event

Rule D – Erosion and Sediment Control

2. Submit the following information per Rule D.4:
 - (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
 - (h) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Rule F – Wetland Alteration

3. Applicant must provide shape file of wetland boundaries; a condition of approval of the type and boundary delineation.
4. Applicant must provide the findings report for the rare plant survey.
5. Applicant must provide a “Standard Credit Withdrawal Form”, which is signed by the bank user and the bank seller.
6. The applicant must provide proof of BWSR debiting wetland bank for the correct amount and type of wetland credit.

Rule I – Public Drainage Systems

7. Applicant must submit a copy of the dewatering plan (if applicable).

Administrative

8. Email one final, signed full-sized pdf of the construction plan set. Include a list of changes that have been made since approval by the RCWD Board. Final plans must include the following:
 - Ensure EOFs are labeled.
 - Ensure the maintenance path sheet is added to the plan set.
 - Ensure grading inconsistencies, particularly around the proposed NURP pond, are resolved.
 - Provide a stabilized spillway for the proposed NURP pond that can convey over the 100-yr event.
 - Ensure the plan set includes general notes in accordance with District Soil Amendment Guidelines for the disturbed areas.
9. Submit a copy of the recorded plat or easements establishing drainage or flowage over stormwater management facilities, stormwater conveyances, ponds, wetlands, on-site floodplain up to the 100-year flood elevation, or any other hydrologic feature (if easements are required by the City of Blaine).

10. The applicant must submit a Draft Declaration for Maintenance of Stormwater Management Facilities acceptable to the District for proposed onsite stormwater management and pretreatment features.
11. The applicant must provide an attested copy of any and all signed and notarized legal document(s) from the County Recorder. Applicant may wish to contact the County Recorder to determine recordation requirements prior to recordation.
12. The applicant must submit a surety of \$22,900 along with an original executed escrow agreement acceptable to the District. If the applicant desires an original copy for their records, then two original signed escrow agreements should be submitted. The applicant must provide the first \$5,000 in the form of a check and has the option of providing the remainder of the surety amount in the form of a check or a Performance Bond or Letter of Credit. The surety is based on \$3,000 for 5.48 acres of disturbance and \$19,900 for 39,895 CF of storm water treatment.
13. The applicant has been notified that permit costs have exceeded \$7,500. The applicant is responsible for permit review costs in excess of \$9,000 and must pay any remaining balance due. Contact the District after all other conditions have been addressed for the final amount.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the permittee agrees to these stipulations, which must be fulfilled prior to return of the surety:

1. Provide an as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) to the District for verification of compliance with the approved plans.
2. Provide an as-built survey of wetland boundaries, quantifying the wetland impact area for verification of compliance with the approved plans.
3. RCWD inspector and the Drainage & Facilities Manager must be notified prior to installation of the culvert on the public drainage system.

Exhibits:

1. Maintenance access plan sheet for southwest pond, dated 7-31-2026 and received 7-31-2026.
2. Plan set containing 44 sheets dated 7-24-2026 and received 7-24-2026
3. MS4 Permit application receipt, received 4-07-2026
4. Revised (Revision #3) Stormwater Calculations, dated 7-24-2026 and received 7-24-2026, containing narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions, P8 model for sequential pond treatment. Revision #2 dated and received 7-06-2026. Revision #1 dated and received 6-05-2026. Initial submittal of stormwater calculations dated and received 4-17-2026.
5. Draft geotechnical report dated 4-03-2026 and received 4-17-2026 within the stormwater calculations
6. Complete replacement plan joint application dated 4-17-2026 and received 4-29-2026
7. TEP comments dated 5-18-2026 and 7-1-2026, respectively
8. Response memos to TEP comments dated 5-27-2026 and received 7-15-2026, respectively
9. Review file 25-133R

Findings:

1. Description – The project proposes the removal of the east portion of the existing building, filling the existing eastern treatment pond, reconstructing the outlet of the existing western treatment pond, and constructing three new buildings with associated utilities, pavement, sidewalks, and stormwater management features on a 10.43± acre parcel located in Blaine. The project will increase the impervious area from 2.84± acres to 4.93± acres and disturb 5.48± acres overall. In existing and proposed conditions, runoff from the site drains via surface flow and storm sewer to ACD 53-62. ACD 53-62 eventually drains to Golden Lake, the Resource of Concern. The applicant has submitted a \$3,000 application fee for a Rule C permit creating less than 5 acres of new and/or reconstructed impervious surface.
2. Stormwater – The applicant is proposing the BMPs as described below for the project:

Proposed BMP Description	Location	Pretreatment	Volume provided	EOF
Infiltration Basin IB-01	Northeast corner of site	Rain guardian turret (2)	2,965± cubic feet below the outlet	900.8
Biofiltration Basin BF-01	South of existing building	Rain guardian turret (2)	5,210± cubic feet below the outlet	901.0
Proposed BMP Description	Location	Volume provided*		EOF
Proposed NURP Pond PP-01	Northwest corner of site	40,846± cubic feet below the outlet		899.5
Existing Pond EP-01 and Jellyfish Device	Southwest corner of site	14,101± cubic feet below the outlet		898.5

* The proposed NURP pond drains to the existing treatment pond, which will have a Jellyfish treatment device at the outlet. The applicant has demonstrated compliance with water quality volume requirements by providing a P8 model of the ponds in series with additional bypass and treatment calculations for the Jellyfish device.

Soils on site are primarily HSG B consisting of silty sands (SM). Infiltration has been provided to the maximum extent feasible where there is adequate separation from the high seasonal water table on site as well as existing infrastructure and ponds. The additional proposed BMPs are acceptable to meet the water quality requirement where the water table is limiting. Since one existing pond will be modified and the other will be removed, the BMPs shall provide full water quality treatment for the full extent of impervious (4.93± acres) on the parcel, including undisturbed impervious. The water quality requirement is governed by Rule C.6(c)(1) and the appropriate TP removal factor for the impervious area draining to the BMP. For the area draining to infiltration, the water quality requirement is 1.1-inches over the 0.62± acre impervious area for a total requirement of 2,476± cubic feet. For the area draining to biofiltration, the water quality requirement is 1.69-inches over 1.00± acres of impervious area for a total requirement of 6,143± cubic feet. The water quality requirement for the remainder of the site is satisfied by the ponds; see the discussion above.

For the infiltration basin: Adequate pre-treatment has been provided. Drawdown is expected within 48-hours using an appropriate rate of 0.45 inches per hour. The seasonal high water table is estimated at elevation 896.5, which provides a minimum of three feet of separation. The project is not located within a DWSM area. For the biofiltration basin: Adequate pre-treatment has been provided. Drawdown is expected within 48-hours using an appropriate rate of 0.8 inches per hour. 12-inches of sand has been provided above the drain tile. A liner is provided beyond the seasonal high water

elevation. For the proposed NURP pond, the pond sizing, outlets and overflows are consistent with the design criteria of Rule C.9(d). The modifications to the existing pond do not meet NURP requirements, but the pond may still be considered for treatment as a downstream Jellyfish device was provided to supplement TSS and TP removal. The applicant has treated 99.15% of the impervious area, which encompasses the full extent of impervious draining to the BMPs. Additional TSS removal is not practicable. The applicant has met all the Water Quality requirements of Rule C.6 and the design criteria of Rule C.9.

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
To ACD 53-62	0.3	0.4	1.6	1.4	15.8	13.0
Totals	0.3	0.4	1.6	1.4	15.8	13.0

The project is not located within the Flood Management Zone. The increase in rate to ACD 53-62 is within model tolerance. The applicant has complied with the rate control requirements of Rule C.7.

The applicant has complied with the bounce and inundation criteria of Rule C.8 for slightly susceptible wetlands.

The applicant has complied with the freeboard requirements of Rule C.9(h).

3. Wetlands – Wetlands were delineated under review file 25-133R with boundary decision, issued on 11-19-2025, which remains valid.

The project area is located within the Village Meadows CWPMP boundary but outside of the preliminary Wetland Management Corridor (WMC); therefore, the project area is not subject to WMC easement and buffer requirements.

A replacement plan application was submitted to the District for 0.4444 acres of proposed wetland impacts. The application included the required MnRAM analysis of the wetland basins, alternative analysis, and minimization and mitigation discussion. The application was noticed to the TEP on 5-1-2026. The TEP requested additional information on the project's purpose and need, avoidance efforts, and public safety and site layout requirements. A revised replacement plan was submitted on 7-15-2026 addressing TEP comments and reducing overall impacts to 0.3181 acres. The applicant has reasonably avoided and minimized wetland impacts to the extent possible. The applicant's wetland professional provided confirmation on 7-27-2026 that no endangered or threatened species were found in the project area in a recent plant survey. The findings report for that survey must be provided before permit issuance.

Impact/Mitigation Table

Wetland Name (Location)	Impact Amount	Replacement Ratio	Required
Wetland 2 south	0.0876	2:1	0.4610
Wetland 2 east	0.2305	2:1	0.1753
Total	0.3181		0.6363

Wetland replacement will occur via wetland bank account #1722, in the amount of 0.6363 acres. The wetland bank is within the contributing drainage area of the CWPMP consistent with Rule F 6(d)(5). The applicant must provide the final BWSR withdrawal transaction form and demonstrate final withdrawal from the BWSR Bank.

The project also proposes excavation within non-permanently/non-semipermanently flooded areas of Wetland 3. District staff find that the proposed excavation meets no loss under MN 8420.0415 A, as the activity will not impact wetland.

4. Floodplain – The regulatory floodplain on site is at 897.3 (NAVD 88). The applicant is proposing 12.58 CY of fill and is not required to provide compensatory volume for a one-time deposition of fill under 100 CY per Rule E.3(d).
5. Erosion Control – Proposed erosion control methods include silt fence, rock construction entrances, turf reinforcement mat, erosion control blanket, inlet protection, biologs, and rip rap. The project will disturb more than 1 acre; an NPDES permit is required. The SWPPP is located on plan sheet C202. The information listed under the Rule D – Erosion and Sediment Control section above must be submitted. Otherwise, the project complies with RCWD Rule D requirements. The project is within 1 mile of ACD 53-62 which is designated as impaired for nutrients.
6. Regional Conveyances – Rule G is not applicable.
7. Public Drainage Systems – The project is adjacent to ACD 53-62 and proposes a modification of an existing outlet to ACD 53-62 from a standalone notched weir structure to an outlet control structure outletting to a Jellyfish device. The project does not create a rate increase to ACD 53-62 beyond model tolerance and does not alter the total contributing area to ACD 53-62.
8. Documenting Easements and Maintenance Obligations – Applicant must provide a draft maintenance declaration for approval, and a receipt showing recordation of the approved maintenance declaration and the drainage and flowage easements (if required).
10. Previous Permit Information – The existing building on site was originally constructed under RCWD permit 88-088; stormwater management calculations from permit 88-088 show the site's original required water storage volumes and the site ponding easement. A connection to Austin St. (RCWD permit 23-044, CAPROC) is proposed, though Austin St. is not yet constructed. Review file 25-133R is for the site.

I assisted in the preparation of this report under the supervision of the District Engineer.

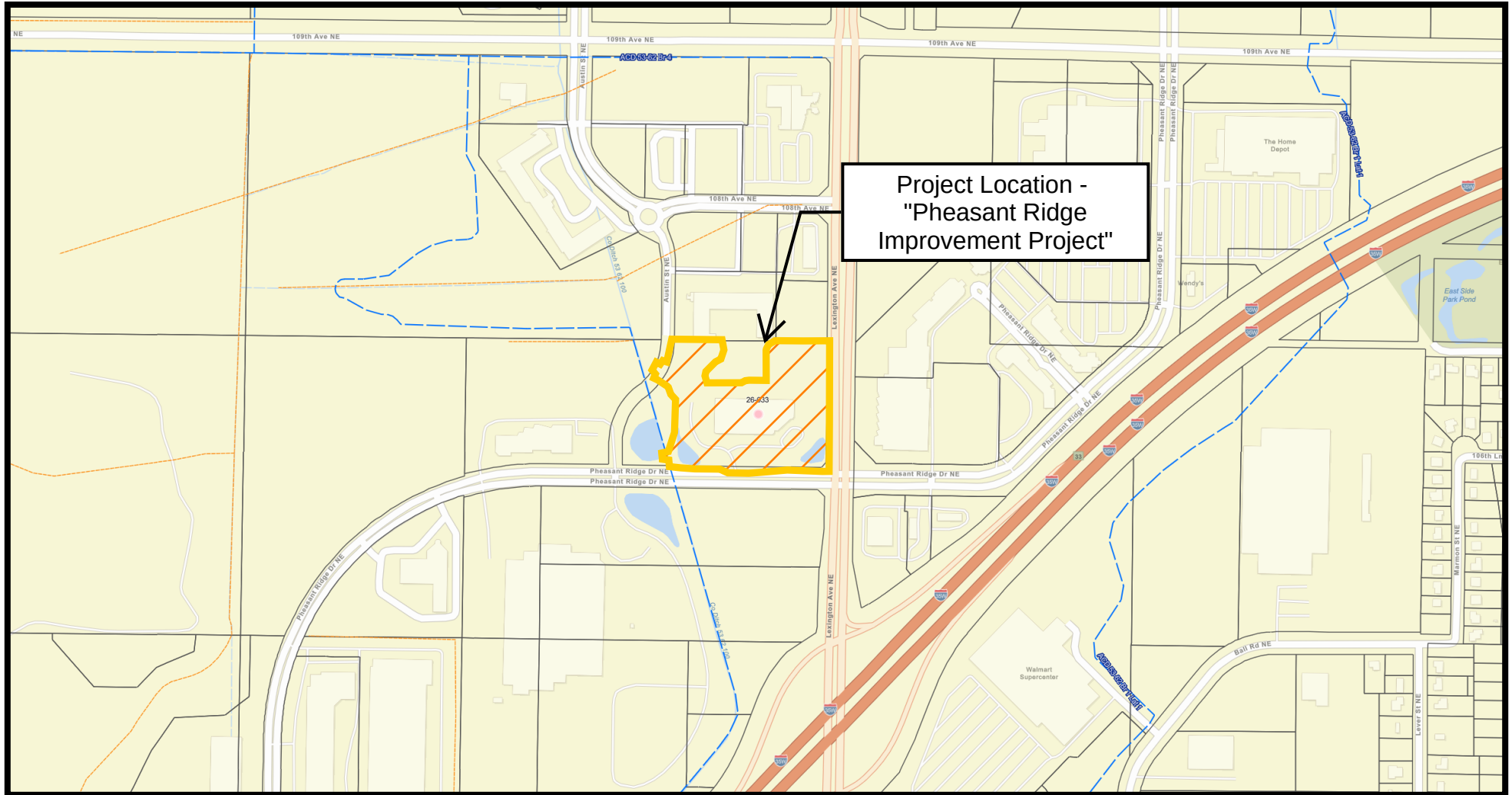
Karina m. Hanson 08/04/2026

Karina Hanson, EIT

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

K. MacDonald 08/04/2026

Katherine MacDonald, MN Reg. No 44590



Legend



Project Location

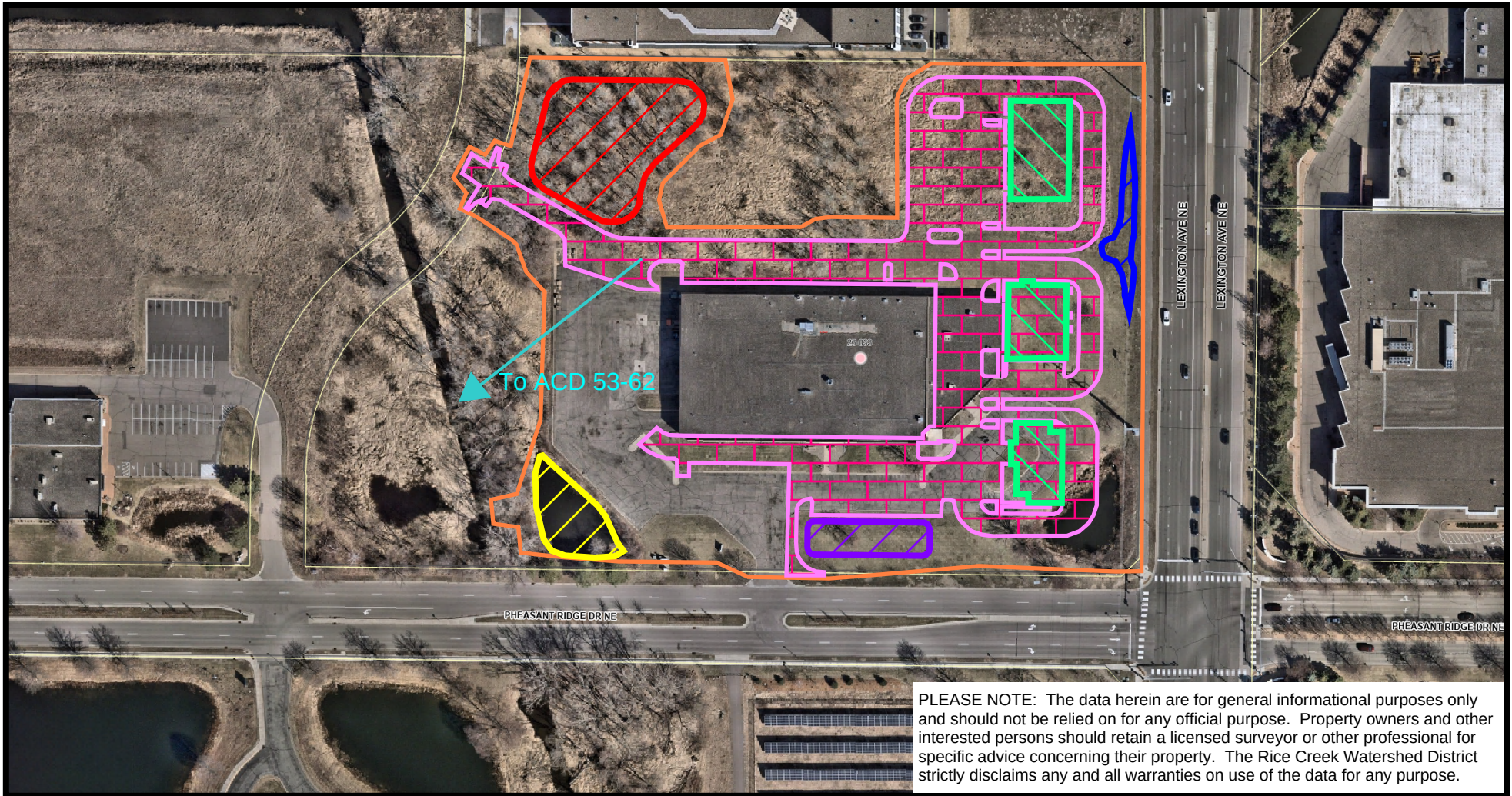


Public Ditch - Open Channel



Private Ditch





PLEASE NOTE: The data herein are for general informational purposes only and should not be relied on for any official purpose. Property owners and other interested persons should retain a licensed surveyor or other professional for specific advice concerning their property. The Rice Creek Watershed District strictly disclaims any and all warranties on use of the data for any purpose.

Legend

- | | | | |
|---|---|---|--|
|  Project Location |  Proposed Building |  New/Reconstructed Impervious |  Drainage Arrow |
|  Infiltration Basin |  Biofiltration Basin |  Proposed NURP Pond |  Modified Existing Pond with Jellyfish Device |





WORKING DOCUMENT: This Engineer's report is a draft or working document of RCWD staff and does not necessarily reflect action by the RCWD Board of Managers.

Permit Application Number:

26-060

Permit Application Name:

4433 103rd Ct Commercial Building

Applicant/Landowner:

Rendova Partnership LLC
Attn: Rob Carlson
P.O. Box 490546
Blaine, MN 55449
Ph: 763-784-2542
rcbuilders@msn.com

Permit Contact:

Plowe Engineering, Inc.
Attn: Mohammad Abughazleh
6776 Lake Drive STE 110
Lino Lakes, MN 55014
Ph: 651-361-8237
moe@plowe.com

Project Name: 4433 103rd Ct Commercial Building

Purpose: FSD – Final Site Drainage; Commercial development on vacant lot.

Site Size: 4.60 ± acre parcel / 4.50 ± acres of disturbed area; existing and proposed impervious areas are 0.11± acres and 2.77± acres, respectively

Location: 4433 103rd Ct, Blaine

T-R-S: SW ¼, Section 24, T31N, R23W

District Rule: C, D

Recommendation: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items:

Conditions to be Met Before Permit Issuance:

Rule D – Erosion and Sediment Control

1. Submit the following information per Rule D.4:

- (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
- (h) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Administrative

- 2. Email one final, signed full-sized pdf of the construction plan set. Include a list of stormwater changes that have been made since approval by the RCWD Board. Final plans must include the following:
 - Ensure the vertical datum is labeled.

3. Submit a copy of the recorded plat or easements establishing drainage or flowage over stormwater management facilities, stormwater conveyances, ponds, wetlands, on-site floodplain up to the 100-year flood elevation, or any other hydrologic feature (if revised easements are required by the City of Blaine).
4. The applicant must submit a Draft Declaration for Maintenance of Stormwater Management Facilities acceptable to the District for proposed onsite stormwater management and pretreatment features.
5. The applicant must provide an attested copy of any and all signed and notarized legal document(s) from the County Recorder. Applicant may wish to contact the County Recorder to determine recordation requirements prior to recordation.
6. The applicant must submit a surety of \$7,900 along with an original executed escrow agreement acceptable to the District. If the applicant desires an original copy for their records, then two original signed escrow agreements should be submitted. The applicant must provide the first \$5,000 in the form of a check and has the option of providing the remainder of the surety amount in the form of a check or a Performance Bond or Letter of Credit. The surety is based on \$3,000 for 4.50 acres of disturbance and \$4,900 for 9,754 CF of storm water treatment.
7. The applicant has been notified that permit costs have exceeded \$7,500. The applicant is responsible for permit review costs in excess of \$9,000 and must pay any remaining balance due. Contact the District after all other conditions have been addressed for the final amount.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, the permittee agrees to these stipulations, which must be fulfilled prior to return of the surety:

1. Provide an as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) to the District for verification of compliance with the approved plans.

Exhibits:

1. Plan set containing 13 sheets dated 7-16-2026 and received 7-17-2026
2. MS4 Permit application receipt, received 6-19-2026
3. Revised (Revision #2) Stormwater Calculations, dated 7-27-2026 and received 7-27-2026, containing narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions. Revision #1 dated 7-16-2026 and received 7-17-2026. Original submittal of stormwater calculations dated 6-12-2026 and received 6-19-2026.
4. Soil borings submitted within the Stormwater Calculations, dated 7-13-2004 and received 6-19-2026

Findings:

1. Description – The project proposes to construct a commercial building, parking lot, and additional stormwater management on a 4.60± acre parcel located in Blaine. The project will increase the impervious area from 0.11± acres to 2.77± acres and disturb 4.50± acres overall. An existing NURP pond on site will be expanded to accommodate a larger runoff volume. Runoff on site flows west to the Ball Road, which drains to ACD 53-62 and eventually continues south to Golden Lake, the Resource of Concern. The applicant has submitted a \$3,000 application fee for a Rule C permit creating less than 5 acres of new and/or reconstructed impervious surface.

2. Stormwater – The applicant is proposing the BMPs as described below for the project:

Proposed BMP Description	Location	Pretreatment/ NURP Requirement	Volume provided	EOF
Expanded NURP Pond	West extent of property line	55,365 CF	126,092± cubic feet below the outlet*	904.50±
Surface infiltration basin	South of proposed building	(3) - Rain Guardian turret	9,754± cubic feet below the outlet	908.50±

*Existing pond provides 60,060 CF of volume below the outlet

Soils on site are primarily HSG B consisting of silty sands (SM) and poorly graded sands (SP-SM). Given the limitation of the existing pond which serves as a regional basin, infiltration has been provided to the extent feasible. The new/reconstructed impervious area is 2.73± acres. Because the proposed infiltration basin drains to the expanded NURP pond, per Rule C.6(c)(1), the Water Quality requirement is governed by the NURP sizing requirement of the run-off volume from the 2.5-inch rainfall event over the contributing area to the pond.

Adequate pre-treatment has been provided. Drawdown is expected within 48-hours using an appropriate rate of 0.45 inches per hour. The seasonal high water table is estimated at elevation 898.4 based upon the 2-yr water level in the nearby ACD 53-62 Branch 1 Lateral 1, which provides a minimum of three feet of separation. The project is located within a DWSM area, but not within the 1-year emergency response zone. The pond sizing, outlets and overflows are consistent with the design criteria of Rule C.9(d).

The applicant has treated 100% of the required impervious area. Additional TSS removal is not required. The applicant has met all the Water Quality requirements of Rule C.6 and the design criteria of Rule C.9(a) and Rule C.9(d).

Rate Control Table

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
West to Ball Rd. Ditch	2.2	1.9	3.8	3.0	7.5	7.2
Totals	2.2	1.9	3.8	3.0	7.5	7.2

The project is not located within the Flood Management Zone. The applicant has complied with the rate control requirements of Rule C.7.

The project does not discharge directly to a wetland. Therefore, the bounce and inundation criteria of C.8 are not applicable. The applicant has complied with the freeboard requirements of Rule C.9(h).

3. Wetlands – There are no wetlands within the project area.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods include silt fence, rock construction entrance, inlet protection, bio-rolls, turf reinforcement mat, and rip rap. The project will disturb more than 1 acre; an NPDES permit is required. The SWPPP is located on plan sheets C5.1 and C5.2. The information listed under the Rule D – Erosion and Sediment Control section above must be submitted. Otherwise, the project complies with RCWD Rule D requirements. The project is within 1 mile of Anoka County Ditch 53-62 which is impaired for nutrients.
6. Regional Conveyances – Rule G is not applicable.

7. Public Drainage Systems – Rule I is not applicable.
8. Documenting Easements and Maintenance Obligations – There is no recorded maintenance declaration for the pond. Applicant must provide a draft maintenance declaration for approval, and a receipt showing recordation of the approved maintenance declaration and the drainage and flowage easements (if required).
9. Previous Permit Information – Permit 05-066 was applied for at the site and withdrawn. Review file 26-066R contains pre-application information for the site. The existing pond on site was constructed under permit 97-070. The pond was proposed to be expanded under permit 05-066; the permit was withdrawn but it appears that the pond was expanded sometime between 2005 and 2008.

I assisted in the preparation of this report under the supervision of the District Engineer.

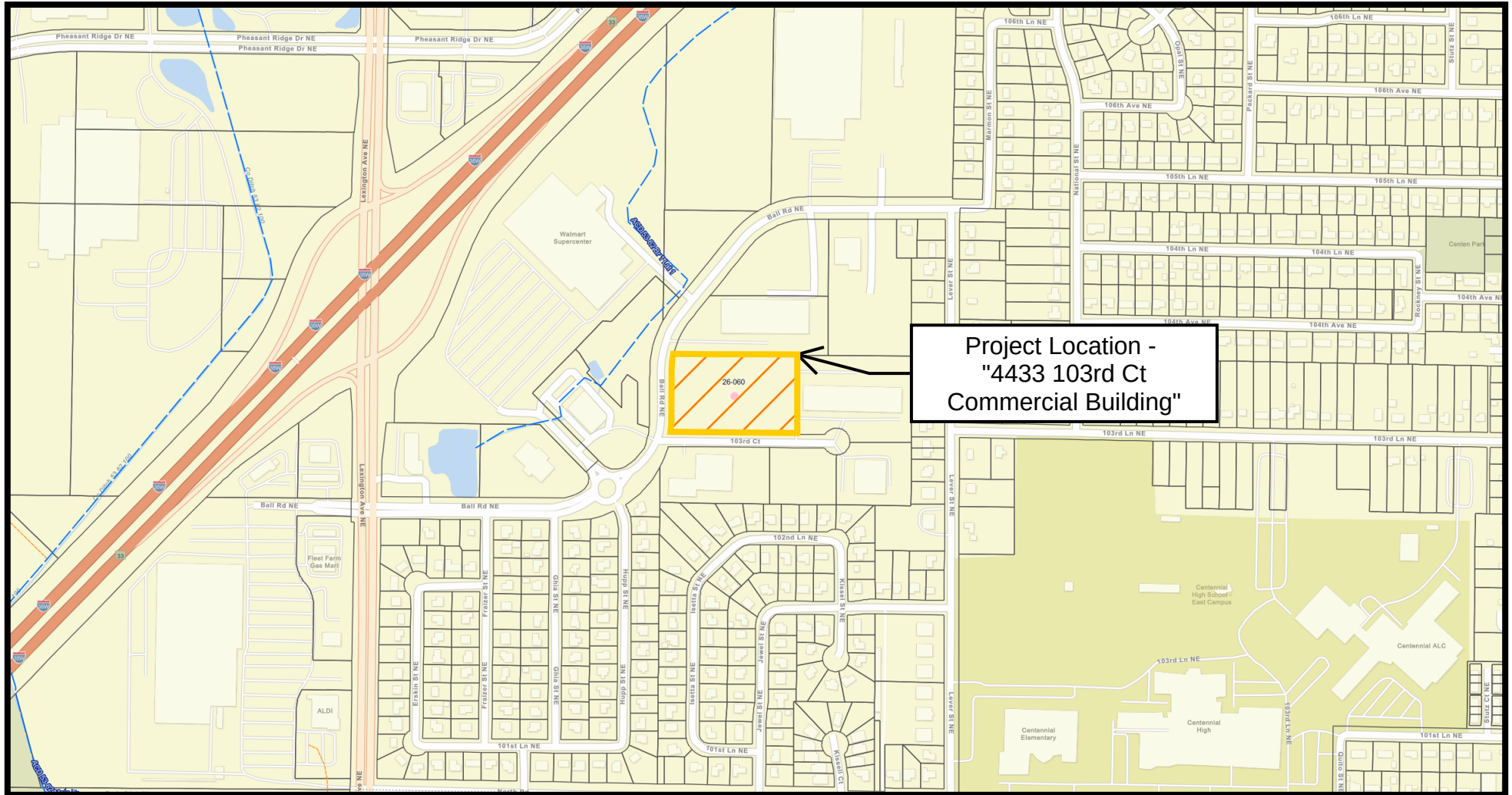
 08/04/2026

Karina Hanson, EIT

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

 08/04/2026

Katherine MacDonald, MN Reg. No 44590



Legend



Project Location



District Boundary



Public Ditch - Open Channel



Private Ditch





Legend

 Project Location

 Building

 Parking Lot

 NURP Pond

 Infiltration Basin

 Drainage Arrow



Water Quality Grant Program Cost Share Application (Molly Nelson)

No.	Applicant	Location	Project Type	Eligible Total Project Cost	Pollutant Reduction	Funding Recommendation
R26-07	Chase	White Bear Township	Shoreline Stabilization & Restoration	\$29,616.13	Volume: 4,176 cu-ft/yr TSS: 1,685 lbs/yr TP: 1.145 lbs/yr	\$10,000.00 not to exceed 50% of eligible project costs or up to \$10,000.00.
R26-08	Meier	New Brighton	Raingardens & Native Planting	\$12,974.42	Volume: 7,656 cu-ft/yr TSS: 116.58 lbs/yr TP: 0.51 lbs/yr	\$6,487.21 not to exceed 50% of eligible project costs or up to \$10,000.00.
R26-09	Kippels	White Bear Township	Raingarden	\$9,019.50	Volume: 2,558 cu-ft/yr TSS: 33.6 lbs/yr TP: 0.125 lbs/yr	\$4,509.75 not to exceed 50% of eligible project costs or up to \$10,000.00.
W26-02	Dowdal	Mahtomedi	Green Roof	\$21,700.00	Volume: 0.0205 acre-ft/yr TSS: 6.5 lbs/yr TP: <0.01 lbs/yr	\$10,000.00 not to exceed 50% of eligible project costs or up to \$10,000.00.

It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD Outreach and Grants Technician's Recommendations, dated August 3, 2026.

MEMORANDUM

Rice Creek Watershed District



Date: August 3rd, 2026
To: RCWD Board of Managers
From: Molly Nelson, Outreach and Grants Technician
Subject: R26-07 Chase Shoreline Stabilization & Restoration

Introduction

R26-07 Chase Shoreline Stabilization & Restoration

- Applicant: Chase, Residential
- Location: 5749 Birch Road, White Bear Township
- Total Eligible Project Cost: \$29,616.13
- RCWD Grant Recommendation: \$10,000.00 (50%)

Background

The R26-07 Water Quality Grant application proposes a shoreline stabilization & restoration on a residential property in White Bear Township on Blad Eagle Lake. Outlined details of the project are provided in the Ramsey County Parks & Recreation Soil & Water Conservation Division (RSWCD) technical memo attached. RSWCD staff provided designs and cost-share recommendations which were reviewed and approved by RCWD staff.

The estimated pollutant reductions for the proposed project are:

- Water volume: 4,176 cu-ft/year (27%)
- Total suspended solids: 1685 lbs/yr (90%)
- Total phosphorus: 1.145 lbs/year (57%)

The applicant received 3 bids for the project:

- McLafferty Contracting Group, LLC: \$29,616.13
- Cold Stone Shorelines & Retaining Walls Inc: \$33,372.00
- Natural Environments Corporation: \$31,799.30

Staff Recommendation

Based on the submitted application and program guidelines, RCWD staff support the project award of \$10,000.00 not to exceed 50% of eligible project expenses of \$29,616.13 or \$10,000.00, whichever is lower.

Request for Proposed Motion

Manager _____ moves to authorize the RCWD Board President, on advice of counsel, to approve the Water Quality Grant Contract for R26-07 of \$10,000.00 (50%) not to exceed 50% of eligible project costs or up to \$10,000.00, whichever amount is lower, as outlined in the consent agenda and in accordance with the RCWD Staff's recommendation and established program guidelines.

Attachments

R26-07 Chase Shoreline Stabilization & Restoration

Ramsey County Soil & Water Conservation Division



To: RCWD Advisory Committee
From: Tyler Keefer: Environmental Resource Specialist
Date: 6/25/2026
Re: Chase Cost Share Application

Project: R26-07
5749 Birch Road
White Bear Township, MN 55110
Shoreline Stabilization & Restoration

Material & Labor Estimate: \$29,616.13
Cost Share Request: \$10,000.00

Background:

The proposed project is located at a residential property in White Bear Township. This property is experiencing erosion and sedimentation at it's shoreline due to exposed soils and wave action. There is limited existing vegetation cover. Sedimentation from the shoreline is negatively impacting Bald Eagle Laked water quality.

The proposed project involves installing natural rip-rap armoring along the shoreline slope to protect against wave action. In addition, above the rip-rap a native planting buffer will be installed to provide additional stability and water filtration. The planting also provides pollinator habitat and natural lakeside benefits. It will reduce total phosphorous and sediment inputs to Bald Eagle Lake which is a RCWD Restoration classified lake.

Total catchment area treated by the proposed project is 9,900 square feet (0.227 acres). It is 15% impervious and includes roof, deck, and landscape/turf grass.

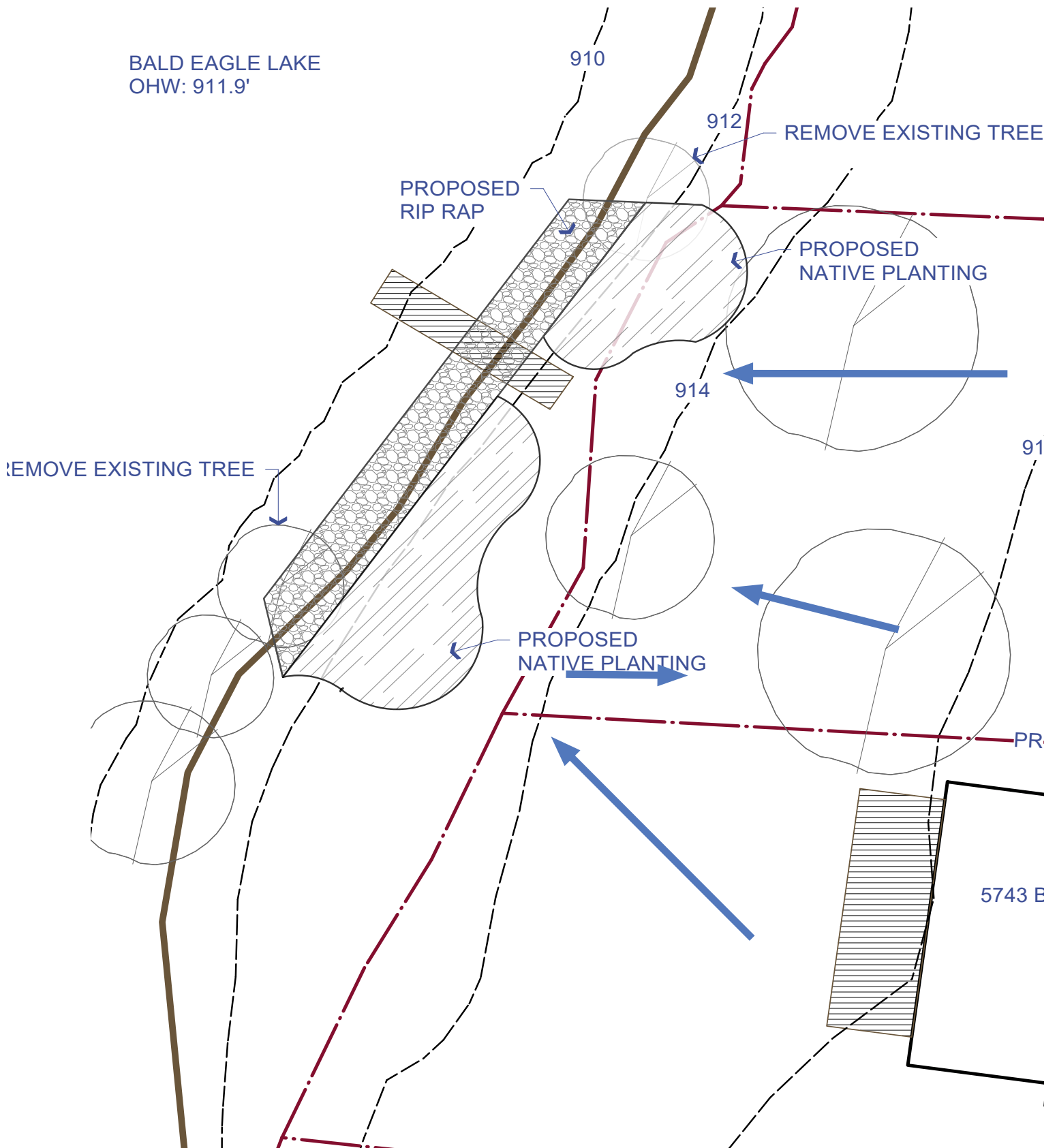
Recommendation:

It is my recommendation the project be awarded cost share in the amount of \$10,000 or 50% of the eligible project costs, whichever is less.

Pollution Reductions: Shoreline

	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	15,371	11,195	4,176	27%
TSS (lbs/yr)	1874	189	1685	90%
TP (lbs/yr)	2.018	.873	1.1450	57%

EXHIBIT A: Site Drainage





RAMSEY COUNTY
 RAMSEY COUNTY SWCD
 2015 VAN DYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
www.ramseycounty.us

PROJECT:
 CHASE RESIDENCE

LOCATION:
 5749 BIRCH ROAD
 WHITE BEAR TOWNSHIP, MN 55110

RICE CREEK WATERSHED DISTRICT

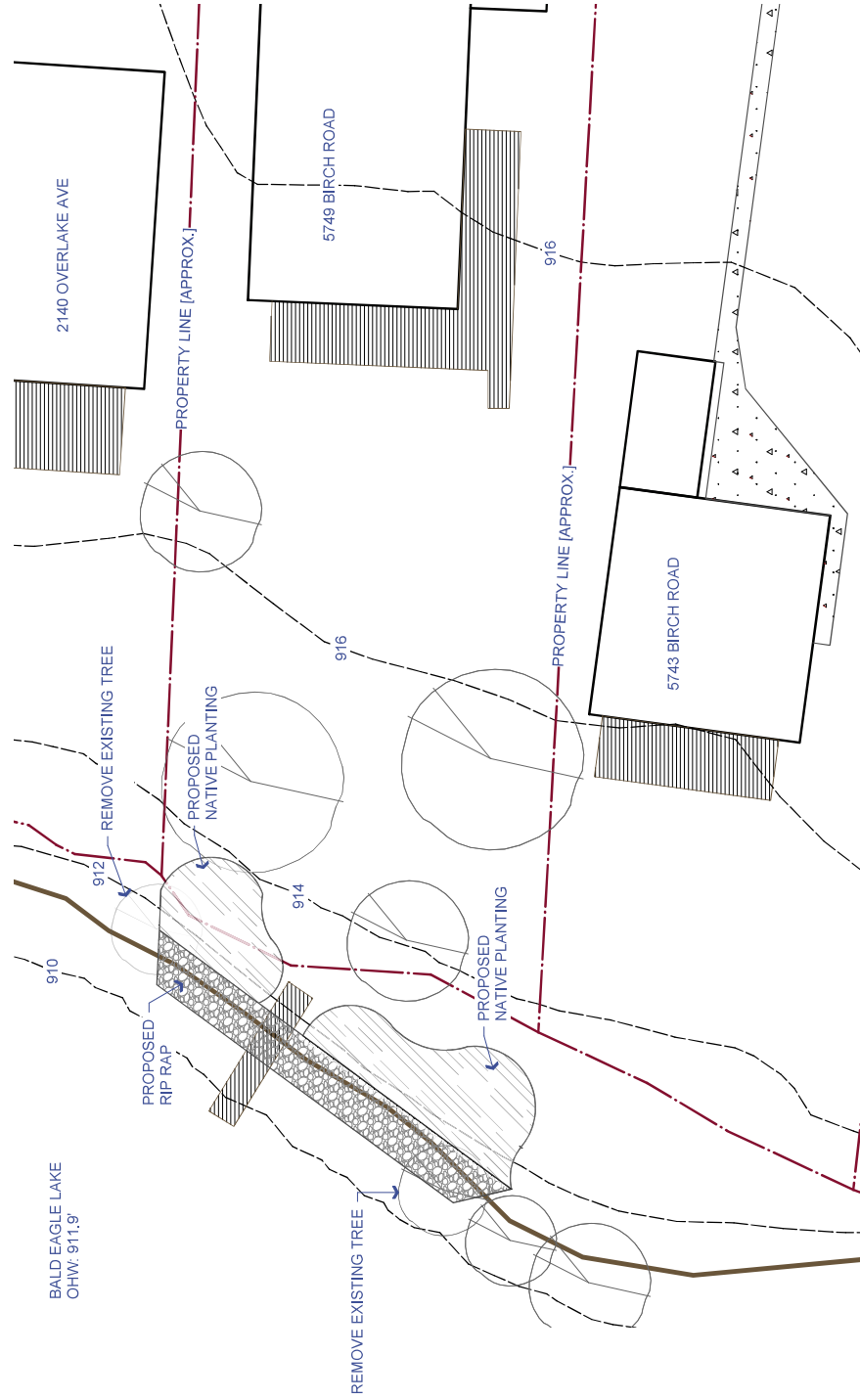

DESIGNER: TYLER L KEEFER
DATE: 4/7/2026
REVISION:
CHECKED BY: BTO
TAA:

NOTES:
 -ELEVATIONS ARE APPROXIMATE
 -UTILITY LOCATIONS ARE APPROXIMATE,
 CONFIRM LOCATIONS PRIOR TO WORK
 -CONTRACTOR ACQUIRE NECESSARY
 PERMITS PRIOR TO START
 -ORIGINAL SHEET SIZE: 11"x17"

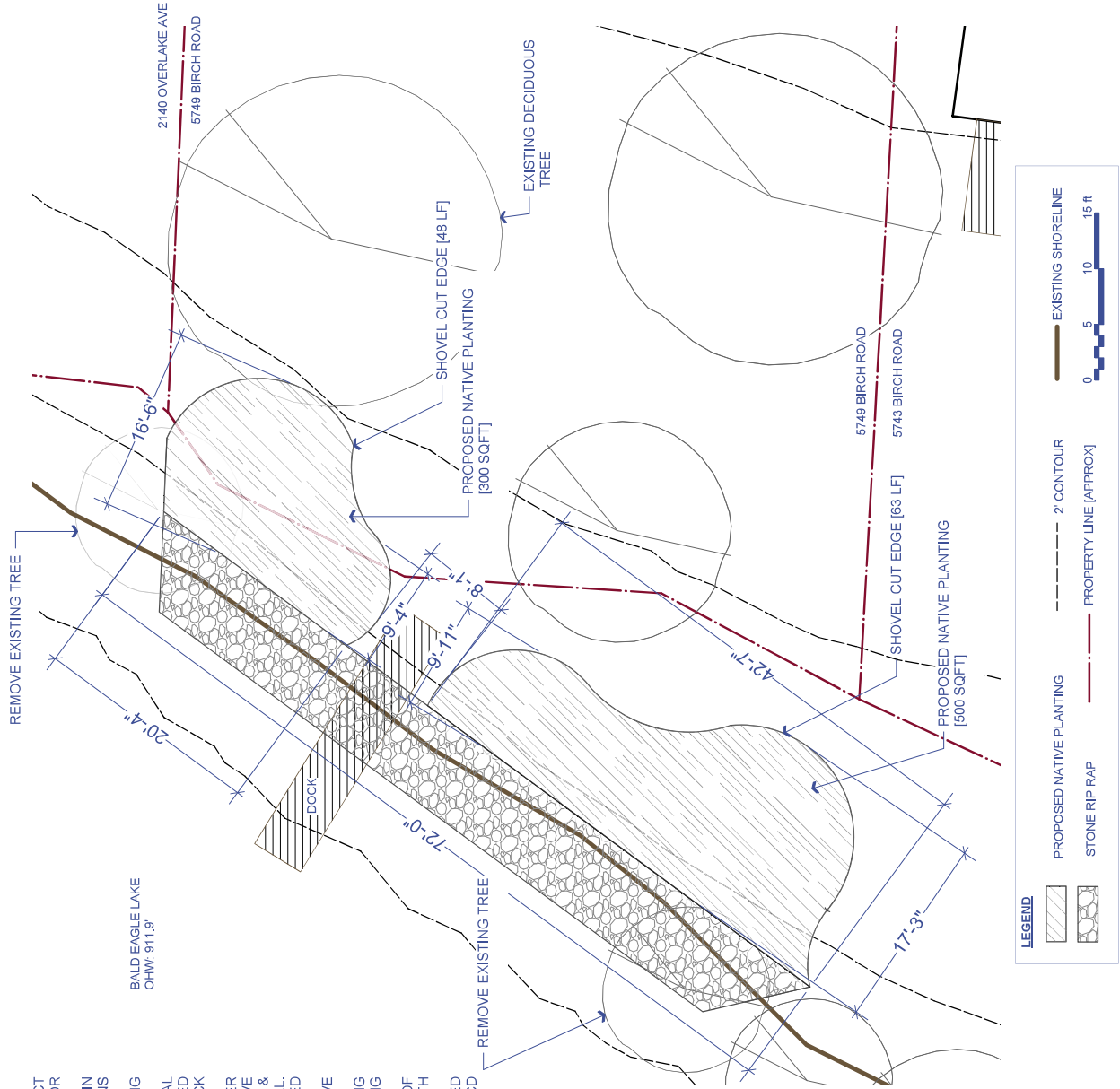
SCALE: 1" = 20'0"


SITE PLAN

L100



- SHORE STABILIZATION NOTES:**
1. INSTALL PERMETER CONTROL ON WATER SIDE OF PROJECT PRIOR TO ANY SOIL DISTURBANCE. SILT CURTAIN OR EQUIVALENT EROSION CONTROL [88 LF]
 2. REMOVE EXISTING TURF GRASS AND VEGETATION WITHIN PROJECT AREAS USING WATER-SAFE HERBICIDE APPLICATIONS OR EQUIVALENT MECHANICAL REMOVAL METHOD
 3. RE-GRADE SHORELINE SLOPE TO 3H:1V SLOPE MAX ALONG PROJECT SITE
 4. INSTALL RIP-RAP ALONG SHORELINE [72 LF], NATURAL FIELDSTONE BOULDERS SIZE 6-24" DIAMETER OR APPROVED EQUIVALENT. INSTALL FILTER LAYER OF 1.5" ANGULAR ROCK BELOW BOULDERS - DO NOT USE LANDSCAPE FABRIC
 5. INSTALL 3" THICK TWICE-SHREDDED HARDWOOD MULCH OVER PLANTING AREAS ABOVE RIP-RAP ROCK AND PLANT WITH NATIVE SPECIES PER PLANTING PLAN ON SHEET L200. EXACT SPECIES & QUANTITIES MAY VARY WITH RCSWCD STAFF APPROVAL. MAINTAIN APPROXIMATE SQUARE FOOTAGE OF PROPOSED PLANTING AREA.
 6. INSTALL SHOVEL CUT EDGE ON LANDWARD SIDE OF NATIVE PLANTING AREAS. [111 COMBINED LF]
 7. INSTALL HERBIVORE EXCLUSION FENCE SURROUNDING PLANTINGS, TO REMAIN IN PLACE FOR ONE FULL GROWING SEASON MINIMUM
 8. RESTORE ANY LANDSCAPE/LAWN DAMAGE OUTSIDE OF PROPOSED PROJECT AREAS UPON PROJECT COMPLETION WITH SEED OR SOD
 9. VERIFY ANY REQUIRED ALTERATIONS TO THE PROPOSED RIP-RAP SECTION OR NATIVE BUFFER AREA WITH RCSWCD STAFF PRIOR TO INSTALLATION.



RAMSEY COUNTY SWCD
 2015 VAN DYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
www.ramseycounty.us

PROJECT:
 CHASE RESIDENCE

LOCATION:
 5749 BIRCH ROAD
 WHITE BEAR TOWNSHIP, MN 55110

RICE CREEK WATERSHED DISTRICT

DESIGNER: TYLER L KEEFER
DATE: 4/7/2026
REVISION:
CHECKED BY: BT0
TAA:

NOTES:
 -ELEVATIONS ARE APPROXIMATE
 -UTILITY LOCATIONS ARE APPROXIMATE,
 CONFIRM LOCATIONS PRIOR TO WORK
 -CONTRACTOR ACQUIRE NECESSARY
 PERMITS PRIOR TO START
 -ORIGINAL SHEET SIZE: 11"x17"

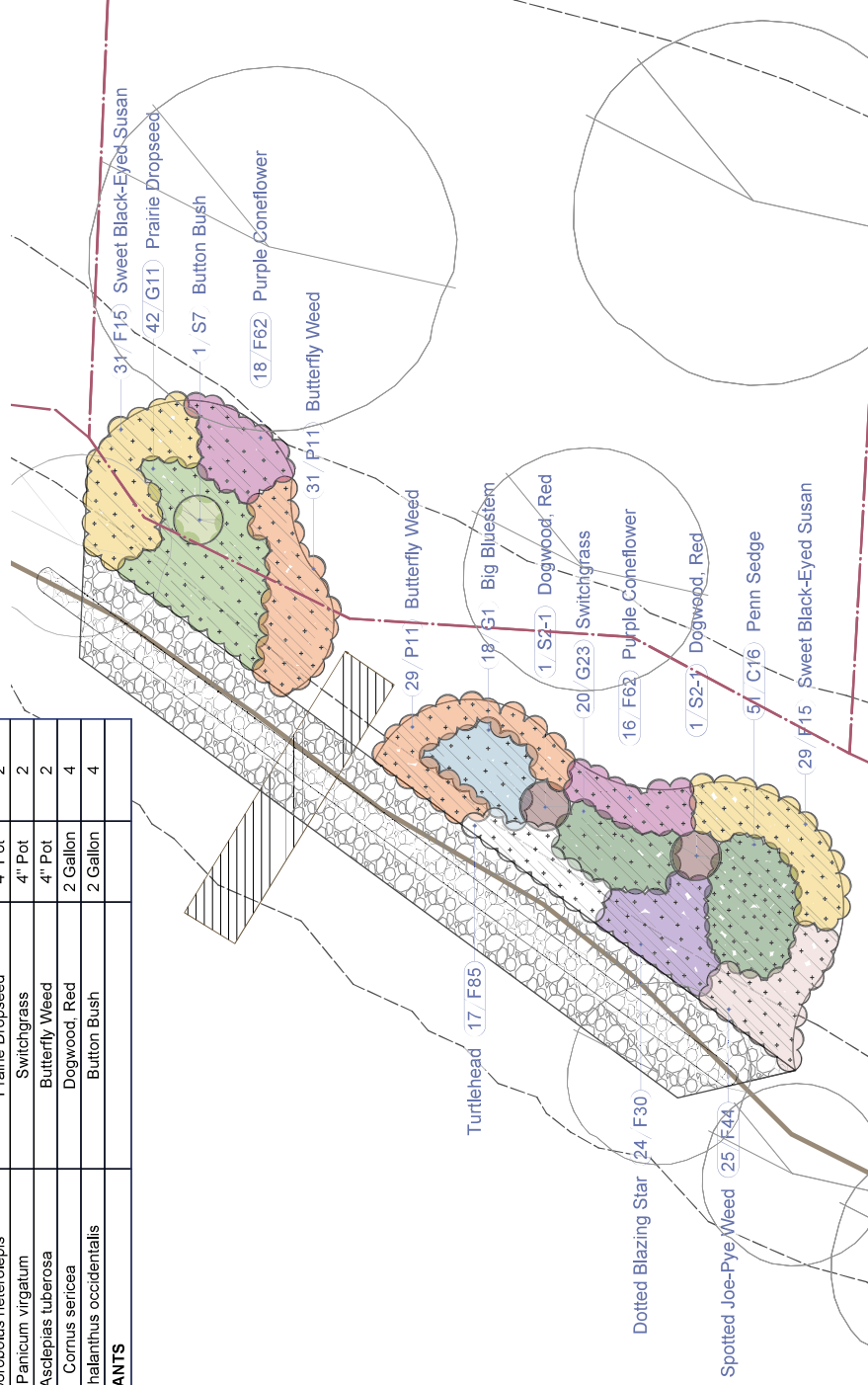
SCALE: 1" = 10'0"

LAYOUT PLAN
L101

NATIVE PLANTING NOTES:

1. EXACT SPECIES, QUANTITIES & SIZING MAY VARY WITH RCSWCD STAFF APPROVAL.
2. CONTRACTOR TO NOTIFY RCSWCD STAFF OF ANY PROPOSED PLANTING ALTERATIONS OR SUBSTITUTIONS PRIOR TO INSTALLATION.
3. VERIFY ALL PROPOSED TREE & SHRUB PLACEMENTS WITH LANDOWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO WATER PLANTS IMMEDIATELY UPON INSTALLATION. ADDITIONAL WATERING AND ESTABLISHMENT CARE TO BE LANDOWNER RESPONSIBILITY UNLESS OTHERWISE CONTRACTED BETWEEN LANDOWNER & CONTRACTOR.

PLANT SCHEDULE				
ID	Qty	Latin Name	Common Name	Size
C16	60	Carex pensylvanica	Penn Sedge	4" Pot
F15	60	Rudbeckia subtomentosa	Sweet Black-Eyed Susan	4" Pot
F30	24	Liatris punctata	Dotted Blazing Star	4" Pot
F44	25	Eupatorium maculatum	Spotted Joe-Pye Weed	4" Pot
F51	1	Aster novae-angliae	New England Aster	4" Pot
F62	34	Echinacea purpurea	Purple Coneflower	4" Pot
F85	17	Chelone glabra	Turtlehead	4" Pot
G1	18	Andropogon gerardi	Big Bluestem	4" Pot
G11	42	Sporobolus heterolepis	Prairie Dropseed	4" Pot
G23	20	Panicum virgatum	Switchgrass	4" Pot
P11	60	Asclepias tuberosa	Butterfly Weed	4" Pot
S2-1	2	Cornus sericea	Dogwood, Red	2 Gallon
S7	1	Cephalanthus occidentalis	Button Bush	2 Gallon
364		TOTAL PLANTS		





RAMSEY COUNTY
 RAMSEY COUNTY SWCD
 2015 VANDYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
 www.ramseycounty.us

PROJECT:
CHASE RESIDENCE

LOCATION:
5749 BIRCH ROAD
WHITE BEAR TOWNSHIP, MN 55110

RICE CREEK WATERSHED DISTRICT


DESIGNER: TYLER L KEEFER
DATE: 4/7/2026
REVISION:
REVISION:
CHECKED BY: BTO
TAA:

NOTES:
 -CALL Gopher ONE TO MARK UTILITIES BEFORE DIGGING.
 -PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF.
 -ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=100'

N

PLANTING PLAN

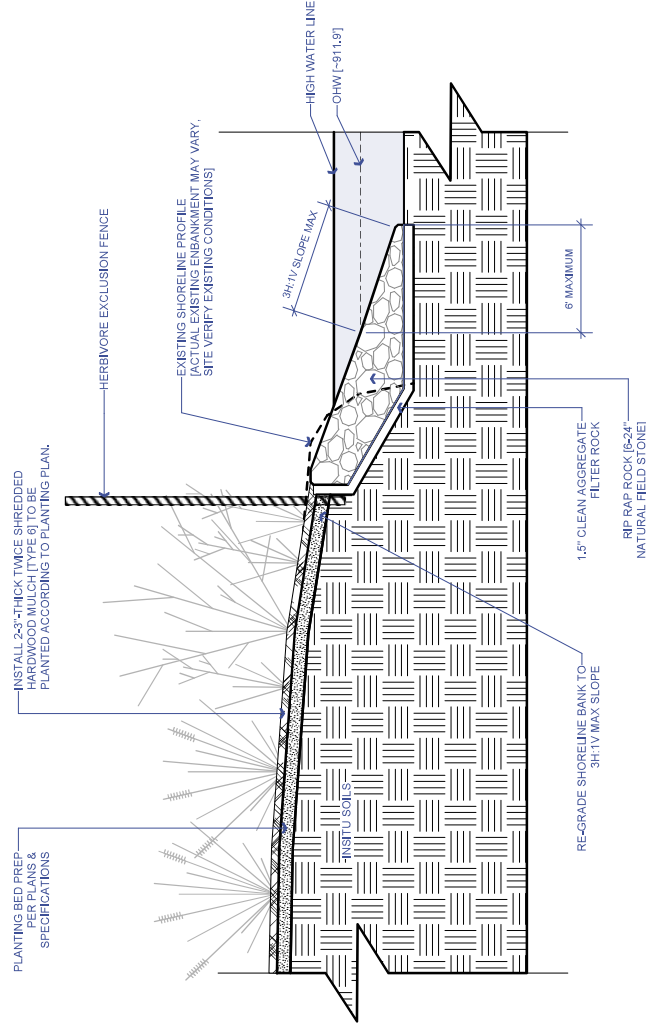
L200

NOTES:

1. RIP RAP GRADATION TO BE 6-24" NATURAL FIELDSTONE ROCK. USE MNDOT CLASS III RIP RAP ROCK OR APPROVED EQUAL. VERIFY SIZING WITH RAMSEY COUNTY STAFF PRIOR TO PURCHASE & INSTALLATION.
2. THE LARGEST ROCK OF THE RIP RAP SHOULD BE PLACED OVER THE TOE AND END TO ANCHOR THE INSTALLATION. USE TYPE A TOE DESIGN [SEE NRCS TECH NOTE 2 FIGURE 2-5] DUMPED ROCK WILL BEST ADJUST ITSELF TO AN UNEVEN AREA. HAND PLACED ROCK IS EASILY DISRUPTED.
3. RIP RAP SLOPE NOT TO EXCEED 3H:1V WATERWARD OF THE OHW. [FOLLOW NATURAL SHORE ALIGNMENT]
4. INSTALL FILTER/SETTING BED OF 1.5" CLEAN WASHED AGGREGATE. APPROXIMATELY 4-6" THICKNESS OF FILTER BED ROCK. [DO NOT USE LANDSCAPE FABRIC]
5. RE-GRADE AREA ABOVE RIP RAP [3H:1V SLOPE MAXIMUM]. INSTALL 3"-THICK TWICE SHREDDED HARDWOOD MULCH [MNDOT TYPE 6]. PLANT AREA WITH NATIVE SPECIES PER PLANTING PLAN.
6. THE RIP RAP MUST BE NO MORE THAN 6 FEET WATERWARD OF THE ORDINARY HIGH WATER LEVEL.
7. THICKNESS OF RIP RAP PERPENDICULAR TO THE SLOPE TO BE APPROXIMATELY 18-24" TO ENSURE PROPER ROCK COVERAGE.
8. HERBIVORE EXCLUSION FENCE TO BE INSTALLED AROUND ENTIRE PERIMETER OF NATIVE PLANTING. EXCLUSION FENCE TO REMAIN IN PLACE FOR 1-2 FULL GROWING SEASONS TO ALLOW PLANTS TO ESTABLISH. INSTALL TO MANUFACTURER'S SPECIFICATIONS.
9. EXISTING BANK HEIGHT, WATER LEVEL, AND SITE CONDITIONS MAY VARY. CONTRACTOR TO SITE VERIFY EXISTING SITE DURING BID PREPARATION AND PRIOR TO DELIVERY AND INSTALLATION OF MATERIALS.
10. CONTRACTOR TO FOLLOW MNDOT STANDARD PLATE GUIDELINES FOR TEMPORARY AND PERMANENT EROSION CONTROL.

1 RIP RAP STANDARD SHORELINE SECTION [TYP]

Scale: 3/8" = 1'-0"



SHORELINE DETAIL

L300

 RAMSEY COUNTY RAMSEY COUNTY SWCD 2015 VAN DYKE STREET MAPLEWOOD, MN 55109 651-266-7280 www.ramseycounty.us	PROJECT: CHASE RESIDENCE LOCATION: 5749 BIRCH ROAD WHITE BEAR TOWNSHIP, MN 55110	RICE CREEK WATERSHED DISTRICT  DESIGNER: TYLER L KEEFER DATE: 4/7/2026 REVISION: CHECKED BY: BTO TAA: NOTES:	SCALE:	SHORELINE DETAIL L300
---	--	--	----------------------	-------------------------------------

ALL ITEMS AS SPECIFIED BELOW ARE ESTIMATES FOR REFERENCE USE ONLY - NOT A BID SHEET

Kevin Chase
5749 Birch Road
White Bear Township, MN 55110
BMP Type: Shoreline Stabilization
Number of BMPs: 1 of 1

County: Ramsey
Date: 4/8/2026

INSTALLED MATERIALS & LABOR - SHORELINE STABILIZATION

Item	Qty	Unit	Unit Cost	Amount
Temporary Exclusion Fence	111.00	LF	\$ 5.00	\$ 555.00
Grading/Shoreline shaping	11.00	CY	\$ 180.00	\$ 1,980.00
Rip Rap Filter Rock (1.5" Washed Angular Rock)	8.00	TON	\$ 90.00	\$ 720.00
Rip Rap Rock (Natural field stone: 6-24" diameter)	32.00	TON	\$ 250.00	\$ 8,000.00
Perimeter/E&S Control; Floating silt curtain or approved equivalent	1.00	LS	\$ 800.00	\$ 800.00
Site Restoration (Turf/Landscape repair as needed)	1.00	LS	\$ 750.00	\$ 750.00
Turf Grass & Perennial Vegetation Removal & Planting Bed Prep	800.00	SF	\$ 0.40	\$ 320.00
[1-2 herbicide applications min. or equal removal method, mow/rake/till as needed]				
Twice-Shredded Hardwood Mulch (MnDot Type II) (3" thick)	7.50	CY	\$ 100.00	\$ 750.00
Native Perennial: 2" Plugs; or equivalent	361.00	EA	\$ 5.00	\$ 1,805.00
Native Shrub: 2 Gal; or equivalent	3.00	EA	\$ 45.00	\$ 135.00
Existing Tree Removal	2.00	EA	\$ 600.00	\$ 1,200.00
Shovel Cut Natural Edge; or approved equivalent edging material	111.00	LF	\$ 3.00	\$ 333.00
Mobilization	1.00	LS	\$ 1,500.00	\$ 1,500.00
			Subtotal	\$ 18,848.00

ADDITIONAL BID ITEMS AS NECESSARY

Subtotal \$ -

PROJECT TOTAL

Project Estimate	\$	18,848.00
:-10%	\$	16,963.20
:+10%	\$	20,732.80
Estimated WD/WMO Grant Award:	\$	9,424.00
Estimated RCPR Grant Award:	\$	-
Potential Grant Award Total:	\$	9,424.00
Estimated Landowner Cost:	\$	9,424.00

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109
www.ramseycounty.us

ALL ITEMS AS SPECIFIED BELOW ARE ESTIMATES FOR REFERENCE USE ONLY - NOT A BID SHEET

Kevin Chase
5749 Birch Road
White Bear Township, MN 55110
BMP Type: Shoreline Stabilization
Number of BMPs: 1 of 1

County: Ramsey
Date: 4/8/2026

INSTALLED MATERIALS & LABOR - SHORELINE STABILIZATION

Item	Qty	Unit	Unit Cost	Amount
Temporary Exclusion Fence	111.00	LF	\$ 4.00	\$ 444.00
Grading/Shoreline shaping	11.00	CY	\$180.00	\$1980.00
Rip Rap Filter Rock (1.5" Washed Angular Rock)	8.00	TON	\$160.00	\$1280.00
Rip Rap Rock (Natural field stone: 6-24" diameter)	32.00	TON	\$185.00	\$5920.00
Perimeter/E&S Control; Floating silt curtain or approved equivalent	1.00	LS	\$1750.00	\$1750.00
Site Restoration (Turf/Landscape repair as needed)	1.00	LS	\$3500.00	\$3500.00
Turf Grass & Perennial Vegetation Removal & Planting Bed Prep	800.00	SF	\$4.00	\$3200.00
[1-2 herbicide applications min. or equal removal method, mow/rake/till ass needed]			\$	-
Twice-Shredded Hardwood Mulch (MnDot Type II) (3" thick)	7.50	CY	\$120.00	\$900.00
Native Perennial: 2" Plugs; or equivalent	361.00	EA	\$15.33	\$5534.13
Native Shrub: 2 Gal; or equivalent	3.00	EA	\$40.00	\$120.00
Existing Tree Removal	2.00	EA	\$800.00	\$1600.00
Shovel Cut Natural Edge; or approved equivalent edging material	111.00	LF	\$8.00	\$888.00
Mobilization	1.00	LS	\$2500.00	\$2500.00
Subtotal				\$ 29,616.13

ADDITIONAL BID ITEMS AS NECESSARY

Subtotal \$ -

PROJECT TOTAL

McLafferty Contracting Group, LLC
29159 Ivywood trail
Chisago City, MN

651-257-2655 - Stephan

Project Estimate \$29,616.13-

:-10% \$ 26,654.52

:+10% \$ 32,577.74

Estimated WD/WMO Grant Award: \$ -

Estimated RCPR Grant Award: \$ -

Potential Grant Award Total: \$ -

Estimated Landowner Cost: \$ -

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109

www.ramseycounty.us

CONSTRUCTION ESTIMATE

Date: April 2026

To: Kevin Chase
5749 Birch Road
White Bear Lake, MN 55110

<u>DESCRIPTION</u>	<u>UNITS</u>	<u>TOTAL</u>
Temporary exclusion fence	110 LF	\$624
Soil grading	11 cubic yards	\$550
Fieldstone riprap 6-30" (Includes 1 ½" clear rock)	60 feet	\$24,090
Turf grass and vegetation removal	800 SF	\$1,110
Hardwood mulch	1 job	\$563
Sediment control – floating silt fence	2 units	\$800
Native Perennials		
- 2" plugs	301 plants	\$625
- Penn Sedge 3.5" Pot	60 plants	\$420
- 2 gal pots	3 pots	\$90
Mobilization	1 job	\$800
Site Restoration – includes plywood material stockpile site	1 job	\$2,200
Edging	1 job	\$650
Dock steps – 2 steps @ \$425/ea	2 steps	<u>\$850</u>
Total Estimated Project Cost		\$33,372

The figures above are for the updated cost share plan set. Any questions please reachout.

Thank you,

Ben Andreski
Cold Stone Shorelines & Retaining Walls Inc.

23110 St Croix Trail
Scandia, MN 55073
CELL (651) 330-8783
OFFICE (651) 433-4333

Proposal for Chase [Proposal for Chase \(1\)](#)



3243 Winpark Drive
New Hope, MN 55427
Phone: 763-544-8002

Kevin Chase
Phone: 612-991-2450

Job Address:
5749 Birch Road
White Bear Township, MN 55110

Print Date: 5-2-2026

Proposal for Chase (1)

Natural Environments Corporation (NEC) proposes to provide the professional labor, high-quality materials, and expertise required to complete the landscape services detailed in this proposal. Our goal is to enhance the beauty, functionality, and value of your property through durable construction and thoughtful design.

Project Scope & Clarifications:

- **Included Services:** This proposal is limited to the specific line items and quantities listed in the worksheet below.
- **Underground Utilities:** NEC will coordinate with Gopher State One for the marking of public utility lines.
- **Private Utilities:** Damage to owner-installed or private utilities not marked by Gopher State One (e.g., invisible pet fences, low-voltage lighting, private gas/pool lines) is the responsibility of the owner.
- **Restoration & Irrigation:** Unless specifically itemized in the worksheet below, this proposal does not include turf restoration, sodding, or repairs to existing irrigation systems.

00 - Pre-Sale-Plans-Permits

Items	Description	Qty/Unit	Unit Price	Price
General Conditions	General conditions are the costs incurred during a project that generally don't involve swinging a hammer or installing something permanently at your home. There are roughly five categories: site management, material handling, project management, equipment rentals and mobilization. (Generally this tracks at 5-10% of project total)	1 Lump Sum	\$875.00	\$875.00
Watershed District Permit	It is assumed the watershed will provide the drawings needed for the permit. Any required permit fees or surety will be added via change order.	1 Lump Sum	\$0.00	\$0.00

00 - Pre-Sale-Plans-Permits Total: **\$875.00**

01 - Demo & Removals

Items	Description	Qty/Unit	Unit Price	Price
Removal - Clearing & Grubbing	Vegetation will be removed and disposed of for planting bed prep.	1 Lump Sum	\$400.00	\$400.00
Removal - Rip Rap	The existing rip rap will be removed and disposed of.	10 Ton	\$150.00	\$1,500.00
Floating Silt Curtain	We will install a floating silt curtain along the shoreline to control sediment.	80 LF	\$6.00	\$480.00
8" Silt Sock	8" silt sock will be installed per the manufacturer's specifications.	100 LF	\$7.00	\$700.00

01 - Demo & Removals Total:**\$3,080.00****02 - Grading, Soils & Drainage**

Items	Description	Qty/Unit	Unit Price	Price
Grading - Hand	We will manually grade the area.	4 HR	\$115.00	\$460.00
Grading - Machine	We will grade the area with a skid loader or CTL.	6 HR	\$175.00	\$1,050.00
Topsoil - Grading	Screened and pulverized black dirt for grading purposes will be installed.	5 CY	\$115.00	\$575.00
1.5" Clear Rock	We will install 1.5" Clear Rock as a filter base for the rip rap system.	20 Ton	\$125.00	\$2,500.00

02 - Grading, Soils & Drainage Total:**\$4,585.00****04 - Shorelines**

Items	Description	Qty/Unit	Unit Price	Price
18"-36" Fieldstone Rip Rap	18"-36" fieldstone rip rap will be installed. The rip rap will be placed over a 7 oz geotextile fabric on a 3:1 slope. A toe boulder will be placed 6' waterward of the OHW.	50 Ton	\$275.00	\$13,750.00

04 - Shorelines Total:**\$13,750.00****08 - Planting**

Items	Description	Qty/Unit	Unit Price	Price
Seed - Turf	Turf grass seed will be installed with a broadcast method, and an erosion control blanket will be installed over the seed.	2,650 SF	\$0.80	\$2,120.00
Shrub - #2 Pot	#2 pot natives will be installed.	3 EA	\$52.50	\$157.50
Perennial - Plug (4")	2" plug perennials will be installed.	361 EA	\$8.80	\$3,176.80

08 - Planting Total:**\$5,454.30**

07 - Irrigation

07 - Irrigation Total: \$0.00

03 - Hardscapes

Items	Description	Qty/Unit	Unit Price	Price
Mulch - Shredded Hardwood	Shredded hardwood mulch will be installed.	600 SF	\$1.90	\$1,140.00
Edging - Vinyl	Vinyl edging will be installed.	125 LF	\$10.00	\$1,250.00

03 - Hardscapes Total: \$2,390.00

09 - Specialty

Items	Description	Qty/Unit	Unit Price	Price
Herbivore Exclusion Fence	We will install a herbivore exclusion fence.	111	\$15.00	\$1,665.00

09 - Specialty Total: \$1,665.00

Total Price: \$31,799.30

Limited Warranty Information

NEC stands behind the quality of our professional installations with the following protections:

- **Hardscape Workmanship (24 Months):** All stone, paver, and masonry installations are guaranteed against settlement or structural failure due to improper base preparation. *Excludes natural weathering, efflorescence, or damage from de-icing salts.*
- **Retaining Walls (24 Months):** NEC guarantees the structural integrity of the retaining wall against collapse or significant rotation due to workmanship. *Exclusion: This warranty is void if the surcharge (weight) behind the wall is increased beyond the original design or if drainage patterns are altered.*
- **Rip Rap & Shoreline (24 Months):**
 - **Workmanship & Structural Integrity:** Includes proper placement of **7 oz geotextile filter fabric** and structural stacking of fieldstone to a 3:1 slope.
 - **Stone Material:** Natural fieldstone may have minor weathering or color variations which are not covered.
 - **Exclusions:** Damage from **Ice Heave/Jacking**, water levels exceeding the **100-year flood elevation**, or extreme storm surges is not covered.
 - **Compliance:** This warranty is valid only if the shoreline remains unaltered and is maintained in accordance with

Watershed District and DNR permit specifications.

- **Wood Structures - Decks, Fences, Pergolas (12 Months):** NEC guarantees structural integrity and workmanship. *Note: Natural wood checking, warping, or fading is not a defect.*
- **Concrete Walks & Driveways (12 Months):** We guarantee against significant structural settling. *Exclusion: Hairline cracks and salt/chemical scaling are not covered.*
- **Plant Material (12 Months):** All trees and shrubs (**#1 gallon or larger**) are guaranteed for one year. *Excludes sod, plugs, and damage from extreme weather or neglect.*

Conditions and Provisions

- **Permitting & Delays:** NEC is not responsible for project delays caused by the [Watershed District](#) or DNR permit approval processes. Work will commence only after all necessary permits are secured and copies are provided to the contractor.
- **Material Pricing:** Due to volatility in fuel and material costs, the [Unit Pricing](#) provided in this proposal is valid for **30 days**. If the project start date falls outside this window, NEC reserves the right to adjust pricing based on current market rates via a Change Order.
- **Site Access:** The owner is responsible for providing a clear, unobstructed path for machinery. While NEC utilizes [Ground Protection Mats](#), NEC is not responsible for damage to turf or landscaping within the designated access route unless specific restoration is included in the itemization below. Repairs for access damage can be quoted once the extent of the damage is known.
- **Change Orders:** Any changes to the scope of work will be priced individually and must be agreed to in writing by both parties before additional work is performed. The cost of all approved Change Orders will be added to the original contract price.

Payment Schedule

- **Initial Deposit:** Due upon contract signing. This deposit includes:
 - **10% of the base bid** to secure your position on our production schedule.
 - **The Plans & Permits fee** as specified in the itemized [Worksheet](#) above (covers professional drawings and submittals).
- **Permit Fees:** The actual cost of the [Watershed/DNR permit](#) is determined by the governing agency. This fee will be billed via Change Order once approved and is due upon receipt.
- **40% Procurement & Mobilization Payment:** Due at the time of **material procurement/ordering** or on the first day of project commencement, whichever occurs first.
- **Final Balance:** The remaining balance, including any approved Change Orders, is due immediately upon project completion.

Acceptance of Proposal

If acceptable, please provide your signature below and remit one copy to Contractor as indication of your authority to proceed and acceptance of these terms.

*Only one proposal can be approved. Approving this will decline all other available proposals.

MEMORANDUM

Rice Creek Watershed District



Date: August 3rd, 2026
To: RCWD Board of Managers
From: Molly Nelson, Outreach and Grants Technician
Subject: R26-08 Meier Raingardens & Native Planting

Introduction

R26-08 Meier Raingardens & Native Planting

- Applicant: Meier, Residential
- Location: 1364 Rockstone Lane, New Brighton
- Total Eligible Project Cost: \$12,974.42
- RCWD Grant Recommendation: \$6,487.21 (50%)

Background

The R26-08 Water Quality Grant application proposes a series of rain gardens (3) on a residential property in New Brighton. Outlined details of the project are provided in the Ramsey County Parks & Recreation Soil & Water Conservation Division (RSWCD) technical memo attached. RSWCD staff provided designs and cost-share recommendations which were reviewed and approved by RCWD staff.

The estimated pollutant reductions for the proposed project are:

- Water volume:
 - Raingarden A: 4,959 cu-ft/year (39%)
 - Raingarden B: 1,669 cu-ft/year (41%)
 - Raingarden C: 1,028 cu0ft/year (36%)
- Total suspended solids:
 - Raingarden A: 86 lbs/year (38%)
 - Raingarden B: 16.9 lbs/year (40%)
 - Raingarden C: 13.68 lbs/year (35%)
- Total phosphorus:
 - Raingarden A: 0.394 lbs/yr (38%)
 - Raingarden B: 0.062 lbs/year (39%)
 - Raingarden C: 0.054 lbs/year (35%)

The applicant received 1 bid for the project:

- Edge Ecosystems: \$12,974.42

Staff Recommendation

Based on the submitted application and program guidelines, RCWD staff support the project award of \$6,487.21 not to exceed 50% of eligible project expenses of \$12,974.42 or \$10,000.00, whichever is lower.

Request for Proposed Motion

Manager _____ moves to authorize the RCWD Board President, on advice of counsel, to approve the Water Quality Grant Contract for R26-08 of \$6,487.21 (50%) not to exceed 50% of eligible

project costs or up to \$10,000.00, whichever amount is lower, as outlined in the consent agenda and in accordance with the RCWD Staff's recommendation and established program guidelines.

Attachments

R26-08 application documents.

Ramsey County Soil & Water Conservation Division



To: RCWD Advisory Committee
From: Tyler Keefer: Environmental Resource Specialist
Date: 6/25/2026
Re: Meier Cost Share Application

Project: R26-08
1364 Rockstone Lane
New Brighton, MN 55112
Rain Gardens and Native Planting

Material & Labor Estimate: \$12,974.42
Cost Share Request: \$6,487.21

Background:

The proposed project is located at a residential property in New Brighton. The back yard and a portion of the neighbor's property flows towards a ditch which ultimately ends up in Rice Creek/Long Lake. The front half of the property flows into the street storm sewer system, which empties into Rice Creek/Long Lake. This runoff is untreated and affects the water quality in Rice Creek/Long Lake.

The proposed project involves installing a series of raingardens and native plantings in front and back yard of the property to capture runoff. The projects will collect the runoff from downspouts and the surrounding lawn landscapes before it gets to the road or ditch and ultimately into the storm sewer system. Once established, raingardens and plantings will collect and infiltrate a large amount of the runoff from the landowner's property and some of the neighbor's property. It will reduce volume, total phosphorous, and sediment inputs to Rice Creek/Long Lake, which is a RCWD Restoration classified lake, as well as providing pollinator and ecological health to the property.

Total catchment area treated by the proposed project A is 8,264 square feet (0.190 acres). It is 13% impervious and includes roof, sidewalk, and landscape/turf grass.

Total catchment area treated by the proposed project B is 2,492 square feet (0.057 acres). It is 46% impervious and includes roof, sidewalk, and landscape/turf grass.

Total catchment area treated by the proposed project C is 1,877 square feet (0.043 acres). It is 57% impervious and includes roof, sidewalk, and landscape/turf grass.

Recommendation:

It is my recommendation the project be awarded cost share in the amount of \$6,487.21 or 50% of the eligible project costs, whichever is less.



Pollution Reductions: Raingardens A

	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	12,791	7,832	4,959	39%
TSS (lbs/yr)	226	140	86	38%
TP (lbs/yr)	1.030	0.636	0.394	38%

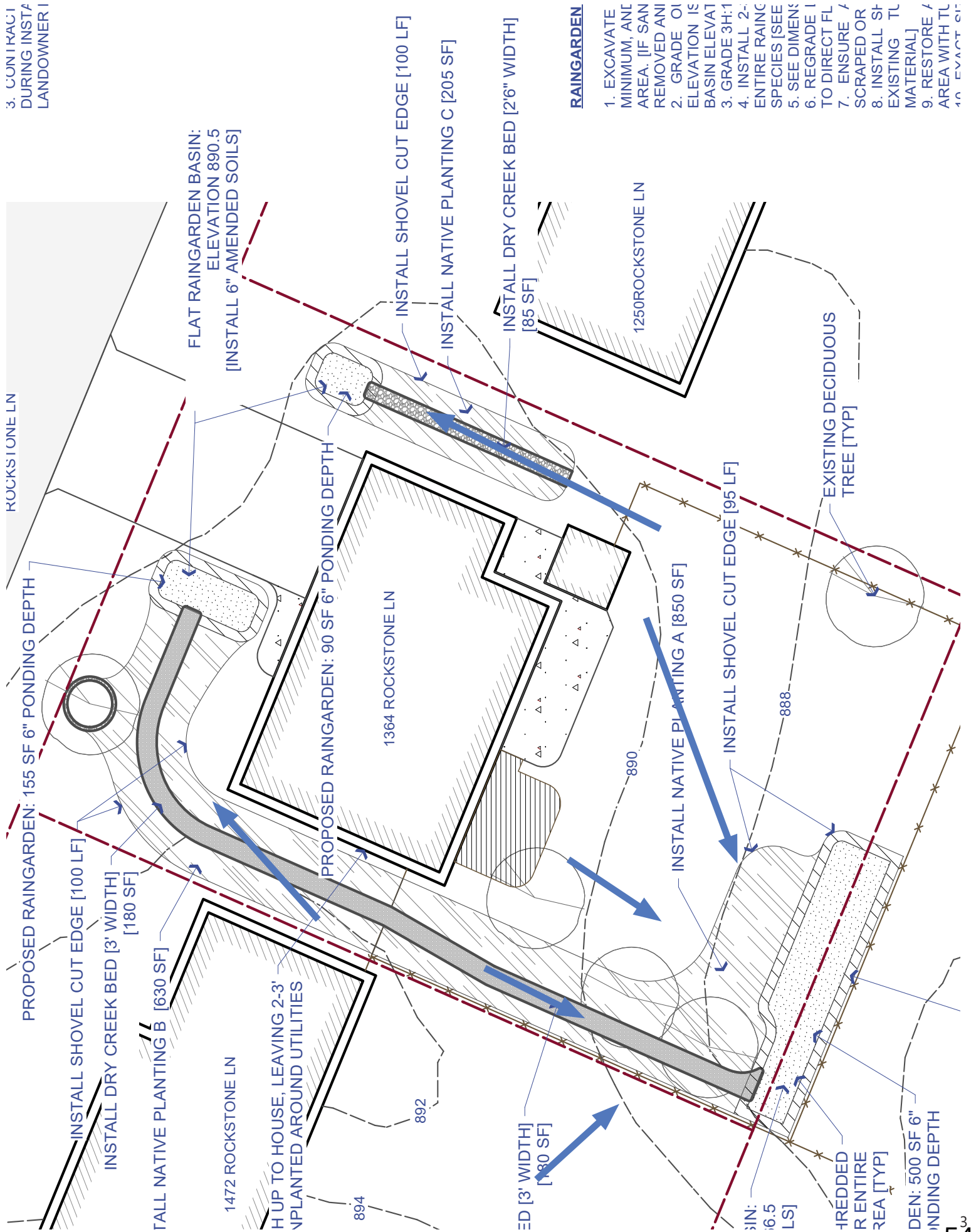
Pollution Reductions: Raingardens B

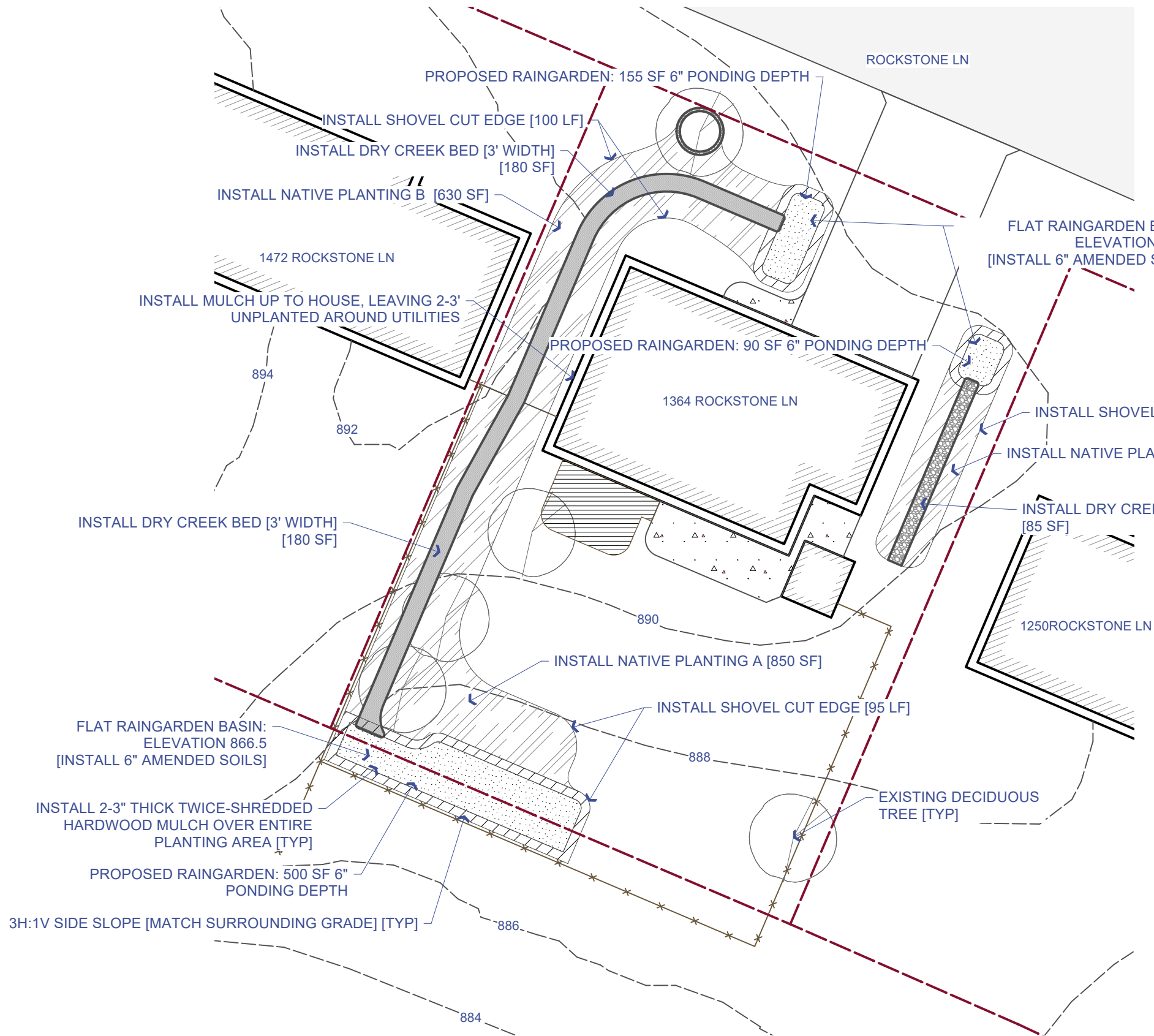
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	4,083	2,414	1,669	41%
TSS (lbs/yr)	42.50	25.60	16.90	40%
TP (lbs/yr)	0.158	0.096	0.062	39%

Pollution Reductions: Raingardens C

	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	2,874	1,846	1,028	36%
TSS (lbs/yr)	39.19	25.51	13.68	35%
TP (lbs/yr)	0.155	0.101	0.054	35%

3. CONTRACCI DURING INSTA LANDOWNER I





GENERAL PROJECT NOTES:

1. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS. CONFIRM WITH RCSWCD STAFF IF ANY UNDERGROUND UTILITIES CONFLICT WITH PROPOSED PROJECT LOCATIONS.
2. CONTRACTOR TO PROVIDE ANY REQUIRED TEMPORARY EROSION CONTROL AS NEEDED DURING INSTALLATION.
3. CONTRACTOR TO PROTECT ALL TREES IN/NEAR PROJECT AREA DURING INSTALLATION UNLESS OTHERWISE NOTED ON PLANS OR BY LANDOWNER REQUEST.

PLAN LEGEND:

- NATIVE PLANTING
- FLAT RAINGARDEN BASIN
- RAINGARDEN 3H:1V SIDE SLOPES
- DRY CREEK BED
- PROPERTY LINE [APPROX]
- 2' CONTOUR LINE
- EXISTING FENCE LINE

0 10 20 ft

RAINGARDEN & PLANTING NOTES:

1. EXCAVATE RAINGARDEN AREA, LOOSEN UNDERLYING SOILS 6-12" MINIMUM, AND INSTALL 6" OF AMENDED SOILS IN RAINGARDEN BASIN AREA. [IF SANDY SOILS ARE ENCOUNTERED, AMENDED SOIL MAY BE REMOVED AND UNDERLYING SOILS ONLY LOOSENED]
2. GRADE OUT FLAT RAINGARDEN BASIN AREA. ENSURE BASIN ELEVATION IS LEVEL IN ALL DIRECTIONS. SEE LAYOUT PLAN FOR BASIN ELEVATIONS. [ELEVATIONS ARE APPROXIMATE, SITE VERIFY.]
3. GRADE 3H:1V SIDE SLOPES. MATCH SURROUNDING GRADE.
4. INSTALL 2-3"-THICK TWICE SHREDDED HARDWOOD MULCH OVER ENTIRE RAINGARDEN & NATIVE PLANTING AREA, PLANT WITH NATIVE SPECIES [SEE PLANTING PLAN ON SHEET L200]
5. SEE DIMENSIONS PLAN FOR RAINGARDEN DIMENSIONS.
6. REGRADE LAWN AREA UPSLOPE FROM RAINGARDEN AS NEEDED TO DIRECT FLOW INTO BASIN. RESEED OR SOD ANY GRADED AREAS.
7. ENSURE ALL COMPETING VEGETATION IN PROJECT AREA IS SCRAPED OR KILLED PRIOR TO INSTALLATION.
8. INSTALL SHOVEL CUT EDGE BETWEEN NATIVE PLANTING AREA & EXISTING TURF LAWN [OR APPROVED EQUIVALENT EDGING MATERIAL]
9. RESTORE ANY LANDSCAPE/LAWN DAMAGE OUTSIDE OF PROJECT AREA WITH TURF/FESCUE SEED/SOD OR EQUIVALENT.
10. EXACT SIZE/SHAPE OF RAINGARDEN & PLANTING PROJECT MAY VARY WITH LANDOWNER & RCSWCD STAFF APPROVAL. CONTRACTOR TO VERIFY ANY REQUIRED LAYOUT CHANGES PRIOR TO BEGINNING INSTALLATION WITH RCSWCD STAFF.
11. INSTALL 2-6" CLEAN WASHED RIVER ROCK OR EQUIVALENT FOR DRY CREEK BED LOCATIONS. INSTALL NON-WOVEN GEOTEXTILE BETWEEN ROCK AND SOIL.



**RAMSEY
COUNTY**

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE

LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112

WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER

DATE: 4/27/2026

REVISION:

REVISION:

REVISION:

REVISION:

CHECKED BY: BTO [NOT CHECKED]

TAA:

NOTES:

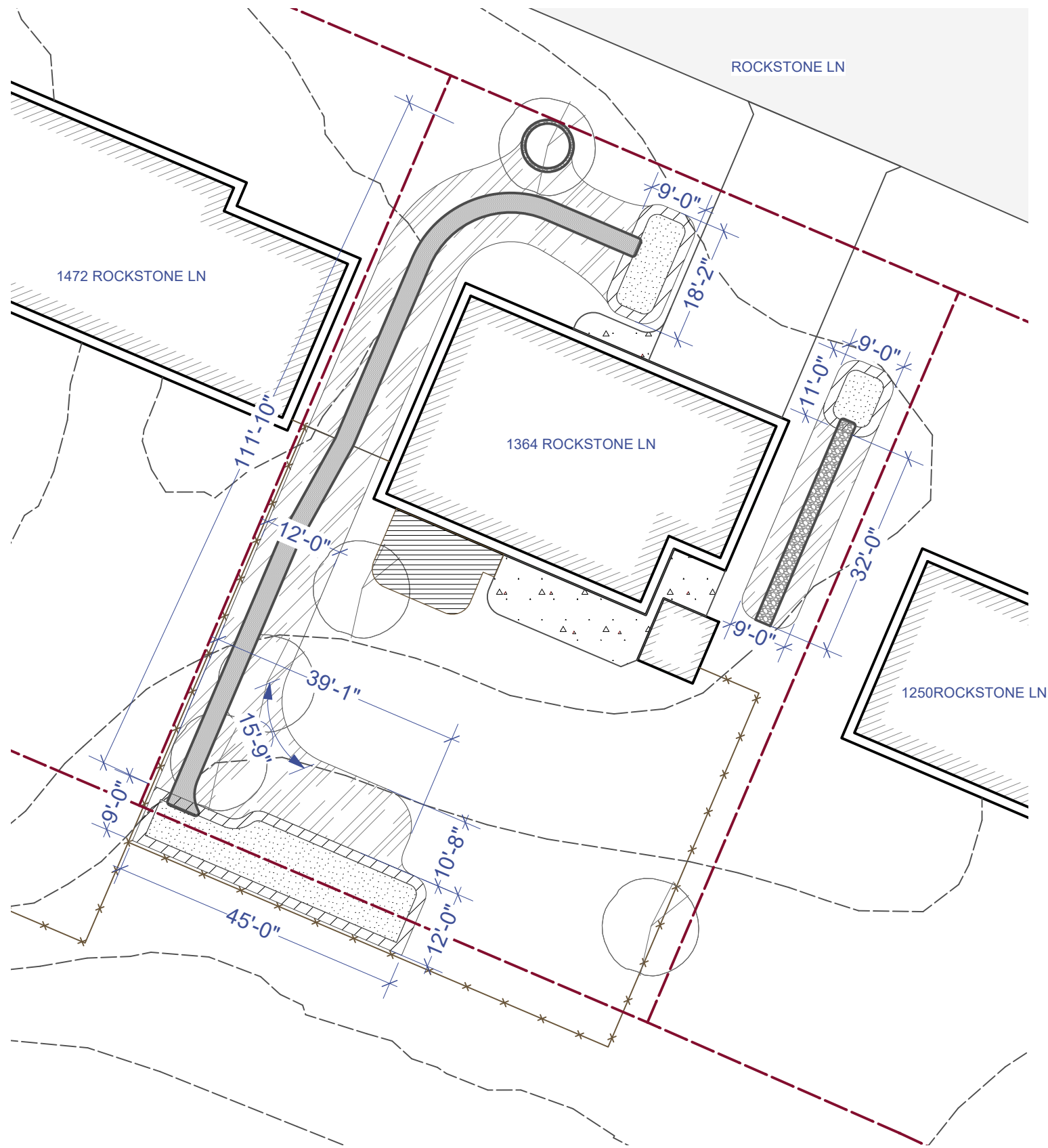
- CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS PRIOR TO WORK
- EXCAVATE WITH TRACKED EQUIPMENT ONLY
- MAINTAIN SQUARE FEET AND DEPTH
- SUBSTITUTIONS TO CONSTRUCTION DESIGN AND MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION
- ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=20'-0"



SITE LAYOUT

L100



GENERAL PROJECT NOTES:

1. CONTRACTOR TO LOCATE UTILITIES PRIOR TO BEGINNING WORK AND SECURE ANY NECESSARY PERMITS. CONFIRM WITH RCSWCD STAFF IF ANY UNDERGROUND UTILITIES CONFLICT WITH PROPOSED PROJECT LOCATIONS.
2. CONTRACTOR TO PROVIDE ANY REQUIRED TEMPORARY EROSION CONTROL AS NEEDED DURING INSTALLATION.
3. CONTRACTOR TO PROTECT ALL TREES IN/NEAR PROJECT AREA DURING INSTALLATION UNLESS OTHERWISE NOTED ON PLANS OR BY LANDOWNER REQUEST.

PLAN LEGEND:

-  NATIVE PLANTING
 -  FLAT RAINGARDEN BASIN
 -  RAINGARDEN 3H:1V SIDE SLOPES
 -  DRY CREEK BED
 -  PROPERTY LINE [APPROX]
 -  2' CONTOUR LINE
 -  EXISTING FENCE LINE
- 0 10 20 ft



RAMSEY COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE

LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112

WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER

DATE: 4/27/2026

REVISION:

REVISION:

REVISION:

CHECKED BY: BTO [NOT CHECKED]

TAA:

NOTES:

- CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS PRIOR TO WORK
- EXCAVATE WITH TRACKED EQUIPMENT ONLY
- MAINTAIN SQUARE FEET AND DEPTH
- SUBSTITUTIONS TO CONSTRUCTION DESIGN AND MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION
- ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=20'-0"



DIMENSIONS PLAN

L101

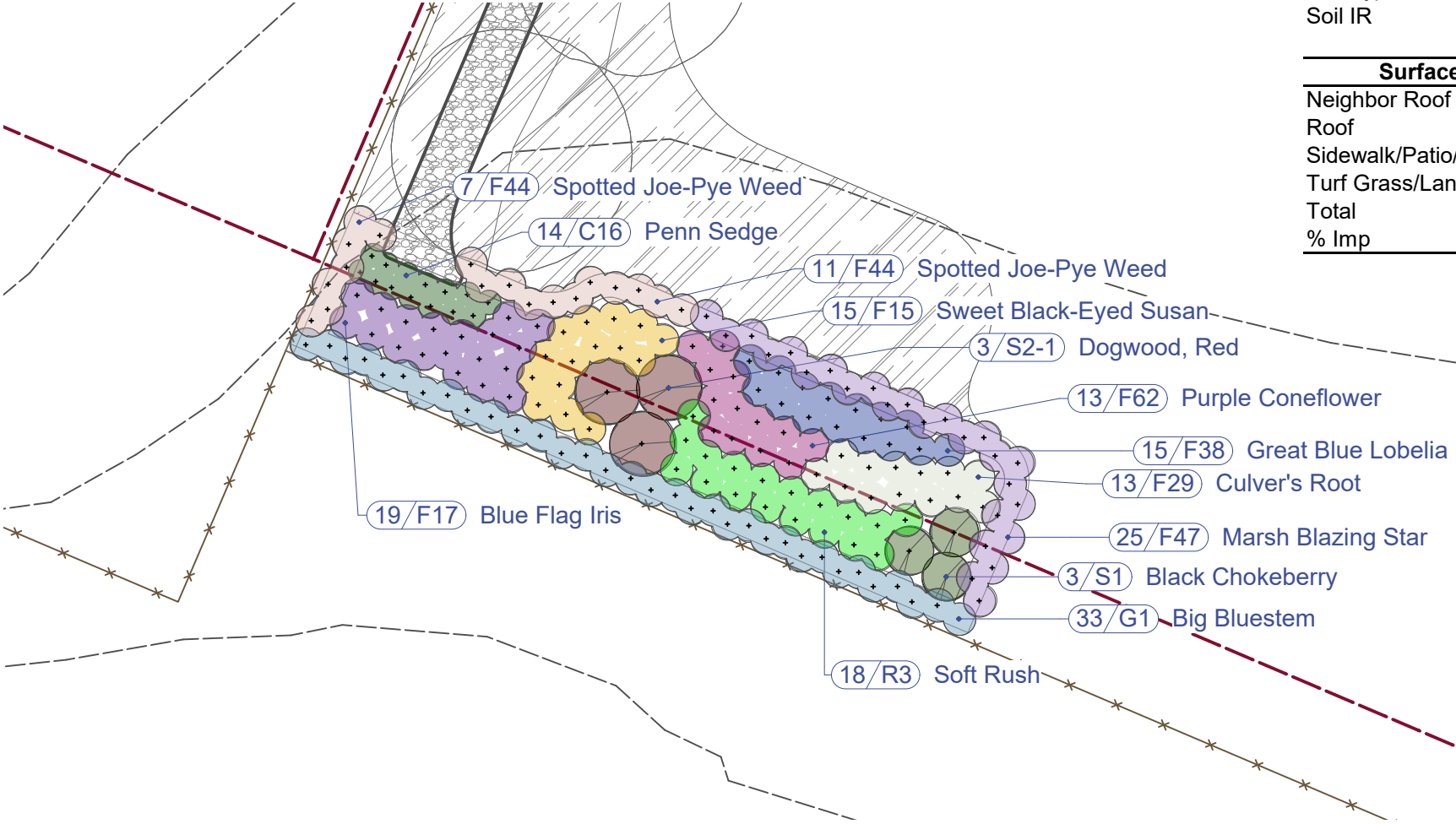
PLANT SCHEDULE					
ID	Qty	Latin Name	Common Name	Size	Spacing (ft)
C16	14	Carex pensylvanica	Penn Sedge	4" Pot	1.5
F15	15	Rudbeckia subtomentosa	Sweet Black-Eyed Susan	4" Pot	2
F17	19	Iris versicolor	Blue Flag Iris	4" Pot	2
F29	13	Veronicastrum virginicum	Culver's Root	4" Pot	2
F38	15	Lobelia siphilitica	Great Blue Lobelia	4" Pot	2
F44	18	Eupatorium maculatum	Spotted Joe-Pye Weed	4" Pot	2
F47	25	Liatris spicata	Marsh Blazing Star	4" Pot	2
F62	13	Echinacea purpurea	Purple Coneflower	4" Pot	2
G1	33	Andropogon gerardi	Big Bluestem	4" Pot	2
R3	18	Juncus effusus	Soft Rush	4" Pot	2
S1	3	Aronia melanocarpa	Black Chokeberry	2 Gallon	3
S2-1	3	Cornus sericea	Dogwood, Red	2 Gallon	4
	0				0
	189	TOTAL PLANTS			

RAINGARDEN PLANTING NOTES:

1. EXACT SPECIES & SIZING MAY VARY. LANDOWNER/CONTRACTOR MAY ADD/SUBSTITUTE FINAL SPECIES FOR PROJECT. IF ALTERNATE SPECIES ARE USED, CONTRACTOR/LANDOWNER MUST PROVIDE A LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO RCSWCD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.
2. EXACT LAYOUT/SIZE/SHAPE OF PLANTING AREA MAY VARY. MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE APPLICATION AND PROJECT INSTALLATION.
3. CONTRACTOR TO WATER ALL PLANTINGS ONCE IMMEDIATELY AFTER INSTALLATION AND ESTABLISH CONTRACT LANGUAGE/PLAN WITH LANDOWNER FOR PROPER IRRIGATION OF PLANTINGS.
4. INSTALL PLUGS THROUGH MULCH LAYER.

Pollutant Reductions: Meier RGA				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	12,791	7,832	4,959	39%
TSS (lbs/yr)	226.00	140.00	86.00	38%
TP (lbs/yr)	1.030	0.636	0.394	38%

Watershed Data	Meier RGA		
Target Rainfall	1.1	in	
Soil Type:	C	HSG:	
Soil IR	0.2	in/hr	
Surface	Sq-ft	Acre	CN
Neighbor Roof	1,066	0.024	98
Roof	568	0.013	98
Sidewalk/Patio/Deck	393	0.009	98
Turf Grass/Landscape	6,237	0.143	79
Total	8,264	0.190	
% Imp	13%		





RAMSEY COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE
LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112
WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER
DATE: 4/27/2026
REVISION:
REVISION:
REVISION:
REVISION:
CHECKED BY: BTO [NOT CHECKED]
TAA:

NOTES:
-CALL GOPHER ONE TO MARK UTILITIES BEFORE DIGGING
-SEEE PLANT SCHEDULE FOR SPACING [PLANT LOCATION MAY VARY]
-PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF
-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=10'-0"



PLANTING PLAN 1

L200

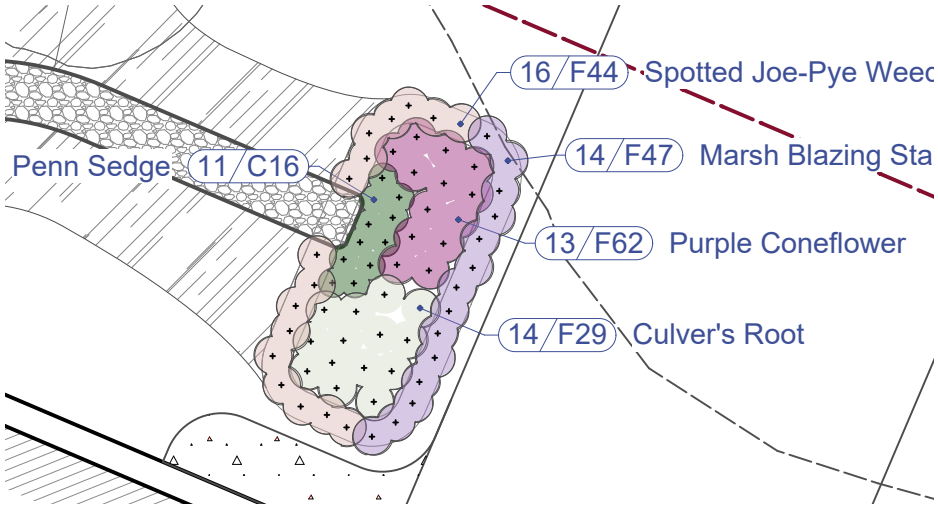
PLANT SCHEDULE					
ID	Qty	Latin Name	Common Name	Size	Spacing (ft)
C16	11	Carex pensylvanica	Penn Sedge	4" Pot	1.5
F29	14	Veronicastrum virginicum	Culver's Root	4" Pot	2
F44	16	Eupatorium maculatum	Spotted Joe-Pye Weed	4" Pot	2
F47	14	Liatris spicata	Marsh Blazing Star	4" Pot	2
F62	13	Echinacea purpurea	Purple Coneflower	4" Pot	2
	68	TOTAL PLANTS			

Pollutant Reductions: Meier RGB				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	4,083	2,414	1,669	41%
TSS (lbs/yr)	42.50	25.60	16.90	40%
TP (lbs/yr)	0.158	0.096	0.062	39%

Watershed Data	Meier RGB		
Target Rainfall	1.1	in	
Soil Type:	C	HSG:	
Soil IR	0.2	in/hr	
Surface	Sq-ft	Acre	CN
Neighbor Roof	1,049	0.024	98
Roof	497	0.011	98
Driveway	165	0.004	98
Turf Grass/Landscape	781	0.018	79
Total	2,492	0.057	
% Imp	46%		

RAINGARDEN PLANTING NOTES:

1. EXACT SPECIES & SIZING MAY VARY. LANDOWNER/CONTRACTOR MAY ADD/SUBSTITUTE FINAL SPECIES FOR PROJECT. IF ALTERNATE SPECIES ARE USED, CONTRACTOR/LANDOWNER MUST PROVIDE A LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO RCSWCD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.
2. EXACT LAYOUT/SIZE/SHAPE OF PLANTING AREA MAY VARY. MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE APPLICATION AND PROJECT INSTALLATION.
3. CONTRACTOR TO WATER ALL PLANTINGS ONCE IMMEDIATELY AFTER INSTALLATION AND ESTABLISH CONTRACT LANGUAGE/PLAN WITH LANDOWNER FOR PROPER IRRIGATION OF PLANTINGS.
4. INSTALL PLUGS THROUGH MULCH LAYER.





RAMSEY
COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE
LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112
WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT


DESIGNER: TYLER L. KEEFER
DATE: 4/27/2026
REVISION:
REVISION:
REVISION:
CHECKED BY: BTO [NOT CHECKED]
TAA:

NOTES:
-CALL GOPHER ONE TO MARK UTILITIES BEFORE DIGGING
-SEEE PLANT SCHEDULE FOR SPACING [PLANT LOCATION MAY VARY]
-PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF
-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=10'

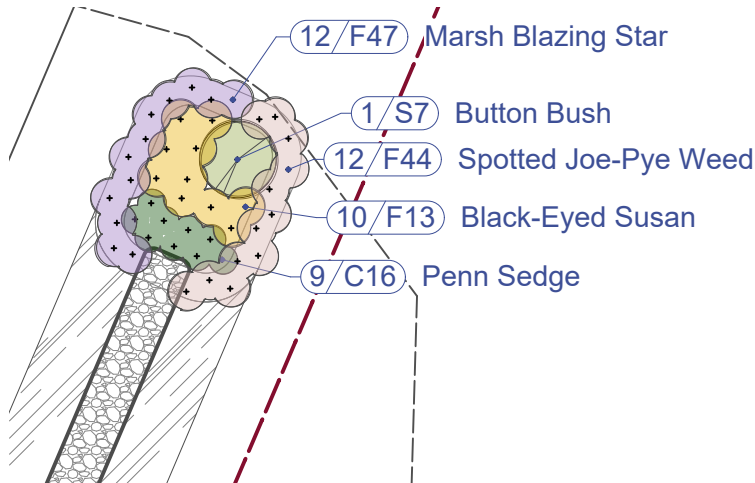
N



PLANTING PLAN 2

L201

PLANT SCHEDULE					
ID	Qty	Latin Name	Common Name	Size	Spacing (ft)
C16	9	Carex pensylvanica	Penn Sedge	4" Pot	1.5
F13	10	Rudbeckia hirta	Black-Eyed Susan	4" Pot	2
F44	12	Eupatorium maculatum	Spotted Joe-Pye Weed	4" Pot	2
F47	12	Liatris spicata	Marsh Blazing Star	4" Pot	2
S7	1	Cephalanthus occidentalis	Button Bush	2 Gallon	4
	44	TOTAL PLANTS			



RAINGARDEN PLANTING NOTES:

1. EXACT SPECIES & SIZING MAY VARY. LANDOWNER/CONTRACTOR MAY ADD/SUBSTITUTE FINAL SPECIES FOR PROJECT. IF ALTERNATE SPECIES ARE USED, CONTRACTOR/LANDOWNER MUST PROVIDE A LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO RCSWCD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.
2. EXACT LAYOUT/SIZE/SHAPE OF PLANTING AREA MAY VARY. MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE APPLICATION AND PROJECT INSTALLATION.
3. CONTRACTOR TO WATER ALL PLANTINGS ONCE IMMEDIATELY AFTER INSTALLATION AND ESTABLISH CONTRACT LANGUAGE/PLAN WITH LANDOWNER FOR PROPER IRRIGATION OF PLANTINGS.
4. INSTALL PLUGS THROUGH MULCH LAYER.

Pollutant Reductions: Meier RGC				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	2,874	1,846	1,028	36%
TSS (lbs/yr)	39.19	25.51	13.68	35%
TP (lbs/yr)	0.155	0.101	0.054	35%

Watershed Data		Meier RGC	
Target Rainfall	1.1	in	
Soil Type:	C	HSG:	
Soil IR	0.2	in/hr	
Surface	Sq-ft	Acre	CN
Roof	811	0.019	98
Driveway	255	0.006	98
Turf Grass/Landscape	811	0.019	79
Total	1,877	0.043	
% Imp	57%		



RAMSEY
COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE
LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112
WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT


DESIGNER: TYLER L. KEEFER
DATE: 4/27/2026
REVISION:
REVISION:
REVISION:
CHECKED BY: BTO [NOT CHECKED]
TAA:

NOTES:
-CALL GOPHER ONE TO MARK UTILITIES BEFORE DIGGING
-SEEE PLANT SCHEDULE FOR SPACING [PLANT LOCATION MAY VARY]
-PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF
-ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=10'

N

PLANTING PLAN 3

L202

SHADE SPECIES

Grasses/Sedges/Goundcovers	
Latin Name	Common Name
Allium tricoccum	Wild Leek
Asarum canadense	Wild Ginger
Carex blanda	Common Wood sedge
Carex pennsylvanica	Pennsylvania Sedge
Carex radiata	Eastern Star Sedge
Iris cristata	Dwarf Crested Iris
Onoclea sensibilis	Sensitive Fern

Forbs	
Latin Name	Common Name
Adiantum pedatum	Maidenhair Fern
Fragaria virginiana	Wild Strawberry
Geranium maculatum	Wild Geranium
Zizia aurea	Golden Alexander
Helianthus strumosus	Pale Leaved Sunflower
Maianthemum stellatum	Starry solomon's Plume
Mertensia virginica	Virginia Blue Bells
Phlox divaricata	Wild Blue Phlox
Podophyllum peltatum	May Apple
Polemonium reptans	Jacobs Ladder
Rudbeckia laciniata	Wild Golden Glow
Solidago flexicaulis	Zig Zag Goldenrod
Symphyotrichum oolentangiense	Skyblue Aster
Thalictrum dioicum	early Meadow Rue

PART-SHADE SPECIES

PLANT SCHEDULE - Suggested Species			
PERENNIALS & GRASSES [Plant in Same Species Groups of 24-48 plants]			
Latin Name	Common Name	Size	Spacing
Helenium autumnale	Autumn Sneezeweed	4" Pot	24" O.C.
Rudbeckia subtomentosa	Sweet Black Eyed Susan	4" Pot	24" O.C.
Sanguinaria canadensis	Bloodroot	4" Pot	24" O.C.
Agastache foeniculum	Anise Hyssop	4" Pot	24" O.C.
Aquilegia canadensis	Columbine	4" Pot	24" O.C.
Elymus hystrix	Bottlebrush Grass	4" Pot	24" O.C.
Zizia aurea	Golden Alexanders	4" Pot	24" O.C.
Symphyotrichum novae-angliae	New England Aster	4" Pot	24" O.C.
Carex pensylvanica	Pennsylvania Sedge	4" Pot	24" O.C.
Onoclea sensibilis	Sensitive Fern	4" Pot	24" O.C.
Symphyotrichum oolentangiense	Skyblue Aster	4" Pot	24" O.C.
Monarda fistulosa	Bergamot	4" Pot	24" O.C.
Solidago flexicaulis	Zig Zag Goldenrod	4" Pot	24" O.C.
SHRUBS [Plant in Same Species Groups of 6-18 plants]			
Latin Name	Common Name	Size	Spacing
Aronia melanocarpa	Black Chokeberry	1 Gallon	48" O.C.
Diervilla lonicera	Dwarf Bush Honeysuckle	1 Gallon	48" O.C.
Prunus virginiana	Chokecherry	1 Gallon	48" O.C.
Vaccinium angustifolium	Lowbush Blueberry	1 Gallon	48" O.C.
Cornus alternifolia	Pagoda Dogwood	1 Gallon	48" O.C.

NATIVE PLANTINGS:

1. REMOVE EXISTING TURF GRASS VEGETATION IN PROJECT AREA. HERBICIDE APPLICATION [1-2 MINIMUM] OR EQUIVALENT MECHANICAL METHOD OF REMOVAL.
2. DEAD TURF GRASS CAN REMAIN IN PLACE FOR EROSION CONTROL PURPOSES. MOW GRASS SHORT AND RAKE AREA TO PREP FOR PLANTING.
6. PLANT NATIVE SPECIES PER BELOW SPECIFICATIONS. WATER AREA IMMEDIATELY AFTER PLANTING. LANDOWNER TO BE RESPONSIBLE FOR WATERING DURING ESTABLISHMENT PERIOD UNLESS OTHERWISE CONTRACTED WITH CONTRACTOR.
7. SUGGESTED PLANT QUANTITIES & SIZING:
- NATIVE PLANTING 1

- NATIVE FORBS & GRASSES: 380 QTY 2" PLUGS [OR EQUAL]

NATIVE PLANTING 2

- NATIVE FORBS & GRASSES: 285 QTY 2" PLUGS [OR EQUAL]

NATIVE PLANTING 3

- NATIVE FORBS & GRASSES: 100 QTY 2" PLUGS [OR EQUAL]

8. SPACE PERENNIAL FORBS & GRASSES AT 18-24" ON CENTER IN GROUPINGS OF 6-30 OF SAME SPECIES. SPACE OUT RANDOMIZED GROUPINGS OF SPECIES THROUGHOUT PLANTED AREA.



RAMSEY
COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE

LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112

WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER
DATE: 4/27/2026
REVISION:
REVISION:
REVISION:
CHECKED BY: BTO [NOT CHECKED]
TAA:

NOTES:
-CALL GOPHER ONE TO MARK UTILITIES BEFORE DIGGING
-SEEE PLANT SCHEDULE FOR SPACING [PLANT LOCATION MAY VARY]
-PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF
-ORIGINAL SHEET SIZE: 11"x17"

SCALE:

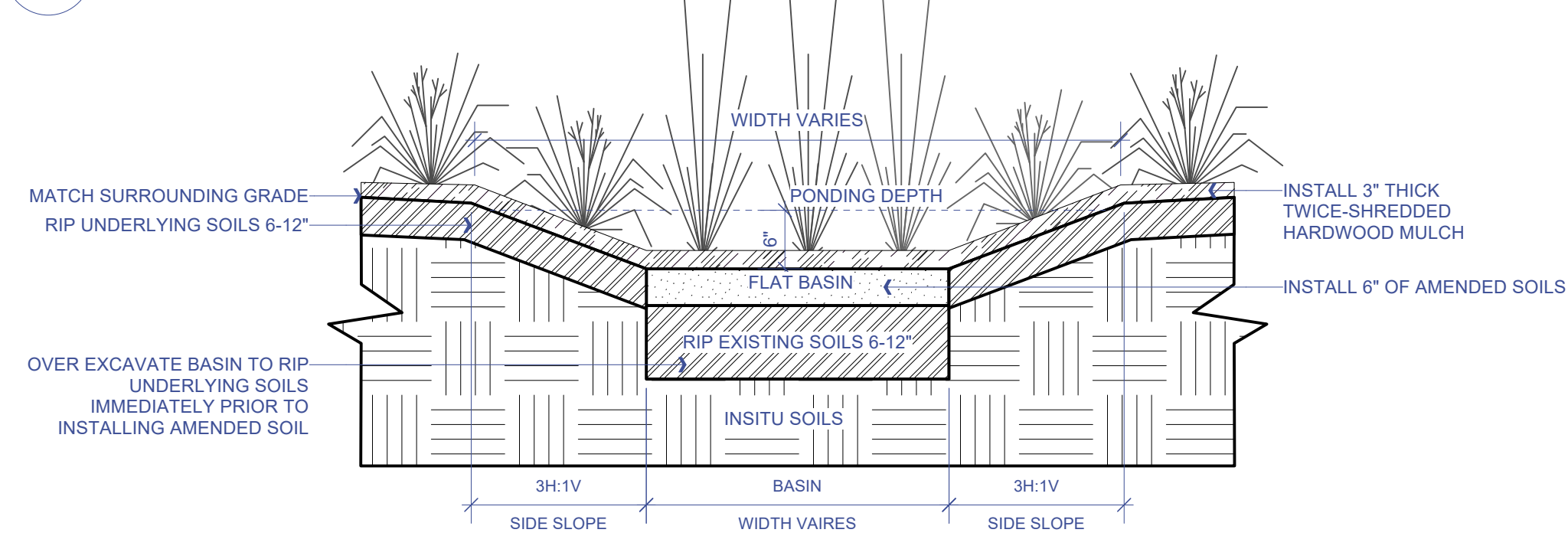
NATIVE PLANTING

L203

1

RAINGARDEN CROSS-SECTION [TYP]

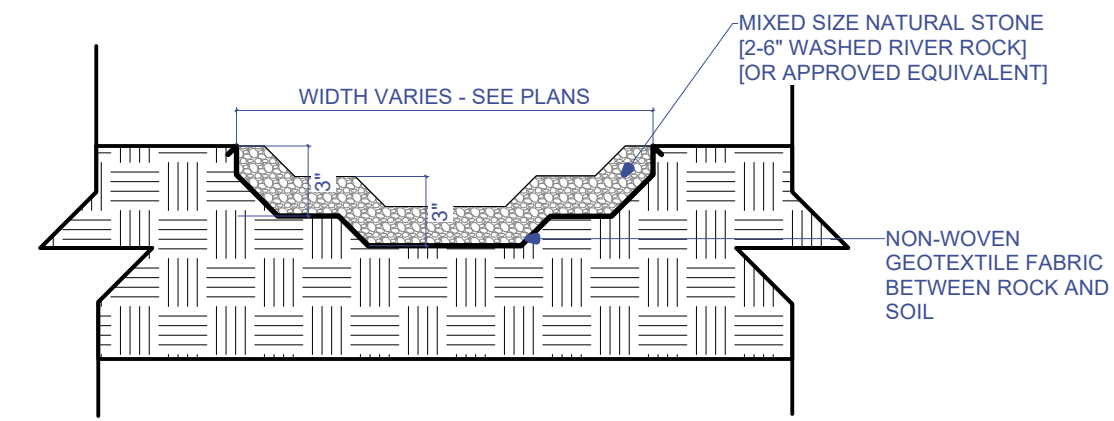
Scale: 1/2" = 1'-0"



2

DRY CREEK BED SECTION [TYP]

Scale: NOT TO SCALE





RAMSEY COUNTY

RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: MEIER RESIDENCE
LOCATION:
1364 ROCKSTONE LANE
NEW BRIGHTON, MN 55112
WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER
DATE: 4/27/2026
REVISION:
REVISION:
REVISION:
REVISION:
CHECKED BY: BTO [NOT CHECKED]
TAA:

NOTES:
-CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS PRIOR TO WORK
-EXCAVATE WITH TRACKED EQUIPMENT ONLY
-MAINTAIN SQUARE FEET AND DEPTH
-SUBSTITUTIONS TO CONSTRUCTION DESIGN AND MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION
-ORIGINAL SHEET SIZE: 11"x17"

SCALE:

SITE DETAILS

L300

ALL ITEMS AS SPECIFIED BELOW ARE FOR REFERENCE USE ONLY

Meier
1364 Rockstone Lane
New Brighton, MN 55112
BMP Type: Rain gardens and Native Plantings
Number of BMPs: 1 of 3

County: Ramsey
Date: 4/29/2026

INSTALLED MATERIALS & LABOR - RAINGARDEN & PLANTING A

Item	Qty	Unit	Unit Cost	Amount
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away (use excavated soils onsite as possible before soil haul-away)	14.25	CY	\$ 155.00	\$ 2,208.75
Ripped Sub-Grade Soils	1.00	LS	\$ 300.00	\$ 300.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	6.25	CY	\$ 115.00	\$ 718.75
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	2.50	TON	\$ 78.00	\$ 195.00
Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	185.00	SF	\$ 4.00	\$ 740.00
Shovel Cut Natural Edge; or approved equivalent edging material	95.00	LF	\$ 4.00	\$ 380.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	12.50	CY	\$ 110.00	\$ 1,375.00
Native Perennial: 4" pot; or equivalent	189.00	EA	\$ 9.50	\$ 1,795.50
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	6.00	EA	\$ 35.00	\$ 210.00
Native Perennial: 2" plugs	300.00	EA	\$ 2.00	\$ 600.00
Mobilization	1.00	LS	\$ 500.00	\$ 500.00
			Subtotal	\$ 9,023.00

ADDITIONAL BID ITEMS AS NECESSARY

PROJECT TOTAL

Project Estimate	\$	9,023.00
:-10%	\$	8,120.70
:+10%	\$	9,925.30
Estimated WD/WMO Grant Award:	\$	4,511.50
Estimated RCPR Grant Award:	\$	-
Potential Grant Award Total:	\$	4,511.50
Estimated Landowner Cost:	\$	4,511.50

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109
www.ramseycounty.us

ALL ITEMS AS SPECIFIED BELOW ARE FOR REFERENCE USE ONLY

Meier
1364 Rockstone Lane
New Brighton, MN 55112
BMP Type: Rain gardens and Native Plantings
Number of BMPs: 2 of 3

County: Ramsey
Date: 4/29/2026

INSTALLED MATERIALS & LABOR - RAINGARDEN & PLANTING B

Item	Qty	Unit	Unit Cost	Amount
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away (use excavated soils onsite as possible before soil haul-away)	7.25	CY	\$ 155.00	\$ 1,123.75
Ripped Sub-Grade Soils	1.00	LS	\$ 200.00	\$ 200.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	1.75	CY	\$ 115.00	\$ 201.25
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	2.50	TON	\$ 78.00	\$ 195.00
Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	180.00	SF	\$ 4.00	\$ 720.00
Shovel Cut Natural Edge; or approved equivalent edging material	100.00	LF	\$ 4.00	\$ 400.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	3.25	CY	\$ 110.00	\$ 357.50
Native Perennial: 4" pot; or equivalent	68.00	EA	\$ 9.50	\$ 646.00
Native Perennial: 2" plugs	225.00	EA	\$ 2.00	\$ 450.00
Mobilization	1.00	LS	\$ 500.00	\$ 500.00
			Subtotal	\$ 4,793.50

INSTALLED MATERIALS & LABOR - PRE-TREATMENT STRUCTURE

PROJECT TOTAL

Project Estimate	\$	4,793.50
:-10%	\$	4,314.15
:+10%	\$	5,272.85
Estimated WD/WMO Grant Award:	\$	2,396.75
Estimated RCPR Grant Award:	\$	-
Potential Grant Award Total:	\$	2,396.75
Estimated Landowner Cost:	\$	2,396.75

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109
www.ramseycounty.us

ALL ITEMS AS SPECIFIED BELOW ARE FOR REFERENCE USE ONLY

Meier
1364 Rockstone Lane
New Brighton, MN 55112
BMP Type: Rain gardens and Native Plantings
Number of BMPs: 3 of 3

County: Ramsey
Date: 4/29/2026

INSTALLED MATERIALS & LABOR - RAINGARDEN & PLANTING C

Item	Qty	Unit	Unit Cost	Amount
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away (use excavated soils onsite as possible before soil haul-away)	2.75	CY	\$ 155.00	\$ 426.25
Ripped Sub-Grade Soils	1.00	LS	\$ 100.00	\$ 100.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	1.75	CY	\$ 115.00	\$ 201.25
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	1.20	TON	\$ 78.00	\$ 93.60
Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	85.00	SF	\$ 4.00	\$ 340.00
Shovel Cut Natural Edge; or approved equivalent edging material	100.00	LF	\$ 4.00	\$ 400.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	3.25	CY	\$ 110.00	\$ 357.50
Native Perennial: 4" pot; or equivalent	44.00	EA	\$ 9.50	\$ 418.00
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	1.00	EA	\$ 35.00	\$ 35.00
Native Perennial: 2" plugs	75.00	EA	\$ 2.00	\$ 150.00
Mobilization	1.00	LS	\$ 500.00	\$ 500.00
			Subtotal	\$ 3,021.60

INSTALLED MATERIALS & LABOR - PRE-TREATMENT STRUCTURE

PROJECT TOTAL

Project Estimate	\$	3,021.60
:-10%	\$	2,719.44
:+10%	\$	3,323.76
Estimated WD/WMO Grant Award:	\$	1,510.80
Estimated RCPR Grant Award:	\$	-
Potential Grant Award Total:	\$	1,510.80
Estimated Landowner Cost:	\$	1,510.80

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109
www.ramseycounty.us

1364 Rockstone Ln
New Brighton, MN 55112

✉ ericaemeier@gmail.com

CONTACT US

2421 Stagecoach Trail S
Afton, MN 55001

☎ (651) 337-9224

✉ sean@edgeecosystems.com

ESTIMATE

Rain garden & Planting A

Services	qty	unit price	amount
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away Includes relocation/reuse of current rock landscaping.	14.25	\$111.93	\$1,595.00
* If the original rock stays, River Rock line item will be removed.			
Ripped sub-grade soils	1.0	\$120.00	\$120.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	6.25	\$59.36	\$371.00
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	2.5	\$60.00	\$150.00
Geotex 401	185.0	\$0.15	\$27.75
Shovel Cut Natural Edge; or approved equivalent edging material	95.0	\$1.80	\$171.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	12.0	\$108.16	\$1,297.92
Native Perennial: 4" pot; or equivalent	189.0	\$7.54	\$1,425.06
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	6.0	\$52.00	\$312.00
Native Perennial: 2" plugs	300.0	\$3.67	\$1,101.00
Mobilization	1.0	\$264.00	\$264.00
Services subtotal:			\$6,834.73
Subtotal			\$6,834.73
Tax (MN-Ramsey-80008-80009 8.375%)			\$572.41

Total \$7,407.14

Rain garden & Planting B

Services	qty	unit price	amount
----------	-----	------------	--------

Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away Relocation of current rock landscaping.	7.25	\$73.38	\$532.01
* If original rock stays, River Rock line item will be removed			
Ripped sub-grade soils	1.0	\$120.00	\$120.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	1.75	\$70.51	\$123.39
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	2.5	\$60.00	\$150.00
Geotex 401	180.0	\$0.15	\$27.00
Shovel Cut Natural Edge; or approved equivalent edging material	100.0	\$1.80	\$180.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	3.25	\$108.16	\$351.52
Native Perennial: 4" pot; or equivalent	68.0	\$7.54	\$512.72
Native Perennial: 2" plugs	225.0	\$3.67	\$825.75
Mobilization	1.0	\$264.00	\$264.00

Services subtotal: \$3,086.39

Subtotal \$3,086.39

Tax (MN-Ramsey-80008-80009
8.375%) \$258.49

Total \$3,344.88

Rain garden & Planting C

Services	qty	unit price	amount
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away Relocation of current rock landscaping.	2.75	\$97.45	\$267.99
* If original rock stays, River Rock line item will be removed.			
Ripped sub-grade soils	1.0	\$120.00	\$120.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	1.75	\$70.51	\$123.39
Aggregate: River Rock (Clean, washed (4-6") or equivalent)	1.2	\$60.00	\$72.00
Geotex 401	85.0	\$0.15	\$12.75
Shovel Cut Natural Edge; or approved equivalent edging material	100.0	\$1.80	\$180.00
Twice-Shredded Hardwood Mulch (MnDot Type II)	3.25	\$108.16	\$351.52
Native Perennial: 4" pot; or equivalent	44.0	\$7.54	\$331.76
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	1.0	\$52.00	\$52.00
Native Perennial: 2" plugs	75.0	\$3.67	\$275.25
Mobilization	1.0	\$264.00	\$264.00

Services subtotal: \$2,050.66

Subtotal	\$2,050.66
Tax (MN-Ramsey-80008-80009 8.375%)	\$171.74
Total	\$2,222.40



Rustic Hills Garden Co.
17440 West 66th Street
Eden Prairie, Minnesota 55346
United States

Mobile: 612-314-3298

www.RusticHillsGardenCo.com

Ramsey County Rain Garden & Native Plantings Bid

Client: Meier, Erica

1364 Rockstone Lane

New Brighton, MN 55112

BMP Type: Rain gardens and Native Plantings

Total Project Costs for Areas A, B & C

Project Area	Notes	Total Labor	Total Materials & Plants	Combined Total	
General Labor (Applied only once for entire project, not for each area)					
Set-Up and Tear-Down				\$440.00	
Mobilization	Fee for mileage and truck maintenance			\$110.00	
Rentals					
Trailer for skid steer	18' Trailer			\$200.00	
Skid for Rain Garden A excavation	Bobcat S450			\$496.60	
Materials Delivery Fees					
Mulch, soil, rock Cardboard roll Plants				\$1,400.00	
Project Area A		\$8,965.00	\$2,248.07	\$11,213.07	
Project Area B		\$4,529.80	\$1,284.16	\$5,813.96	
Project Area C		\$2,370.50	\$617.91	\$2,988.41	
Entire Project				\$22,662.04	



Rustic Hills Garden Co.
17440 West 66th Street
Eden Prairie, Minnesota 55346
United States

Mobile: 612-314-3298

www.RusticHillsGardenCo.com

Ramsey County Rain Garden & Native Plantings Bid

Client: Meier, Erica

1364 Rockstone Lane

New Brighton, MN 55112

BMP Type: Rain gardens and Native Plantings

Installed Labor & Materials - Raingarden & Planting A

Project Needs	Notes	Raw Data	Labor Charge	Material Charge	Total Charge
Rain Garden A			\$5,659.50	\$261.54	\$5,921.04
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away. (use excavated soils onsite as possible before soil haul-away)	*Use all excavated materials on site* Labor for spreading materials onsite	14.25 cu yd	\$660.00	\$0.00	
Excavate rain garden area	Excavate raingarden area, 500 sq ft., 6" ponding depth.	500 sq ft	\$2,200.00	\$0.00	
Ripped Sub-Grade Soils	Over-excavate additional 6-12" minimum to loosen underlying soils in raingarden area. 500 sq ft	500 sq ft	\$2,200.00	\$0.00	
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost) - Herman's 'Rain Garden Mix'	Install 6" amended soil (Rain Garden Mix). Grade out flat rain garden basin area, ensuring basin is level in all directions. Grade 3H: 1V side slopes. Match surrounding grade.	6.25 cu yd	\$357.50	\$188.50	
Grass Seed & Straw Mulch	For overseeding areas where excavated materials are spread	~1,550 sq ft	\$242.00	\$73.04	
Dry Creek Bed			\$1,130.25	\$320.31	\$1,450.56
Excavate dry creek bed to 6" depth, 3' wide		185 sq ft	\$814.00	\$0.00	
2.5 tons aggregate: River Rock (Clean, washed (4-6") or equivalent)	Install 2-6" clean washed river rock in dry creek bed	2.5 tons	\$233.75	\$133.40	
Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	2.5 tons aggregate: River Rock (Clean, washed (4-6") or equivalent)	185 sq ft	\$82.50	\$186.91	
Native Planting Area			\$2,175.25	\$1,666.22	\$3,841.47
95 linear ft natural-cut edgeline	Shovel-cut edge	95 lin ft	\$176.00		
Sod-kick Perimeter	95 linear feet		\$104.50		
630 sq ft Sheet Mulch	Cardboard roll and mulch to smother underlying growth	850 sq ft	\$93.50	\$114.84	
Fine Hardwood Mulch	3" thick twice-shredded hardwood mulch over entire raingarden and native planting area. 1350 sq ft total	12.5 cu yd	\$687.50	\$261.00	
Native Perennial: 4" pot; or equivalent	Sourced from Glacial Ridge Growers	189 ea.	\$338.25	\$570.02	
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	Sourced from Bachmans Wholesale	6 ea.	\$99.00	\$128.76	
Native Perennial: 2" plugs	Sourced from MNL	300 ea.	\$676.50	\$591.60	
				Total Labor	\$8,965.00
				Total Materials & Plants	\$2,248.07
				Total (Excluding Tax)	\$11,213.07

					Rustic Hills Garden Co. 17440 West 66th Street Eden Prairie, Minnesota 55346 United States Mobile: 612-314-3298 www.RusticHillsGardenCo.com
Ramsey County Rain Garden & Native Plantings Bid					
Client: Meier, Erica					
1364 Rockstone Lane					
New Brighton, MN 55112					
BMP Type: Rain gardens and Native Plantings					
Installed Labor & Materials - Raingarden & Planting B					
Project Needs	Notes	Raw Data	Labor Charge	Material Charge	Total Charge
Rain Garden B			\$1,997.05	\$101.04	\$2,098.09
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away. (use excavated soils onsite as possible before soil haul-away)	*Use all excavated materials on site* Labor for spreading materials onsite	7.25 cu yd	\$398.75	\$0.00	
Excavate rain garden area	155 sq ft., 6" ponding depth.	155 sq ft	\$682.00	\$0.00	
Ripped Sub-Grade Soils	Over-excavate additional 6-12" minimum to loosen underlying soils in raingarden area. 155 sq ft	155 sq ft	\$682.00	\$0.00	
1.75 Cu Yd 'Rain Garden Mix' Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost) -	Install 6" amended soil (Rain Garden Mix). Grade out flat rain garden basin area, ensuring basin is level in all directions. Grade 3H:1V side slopes. Match surrounding grade.	1.75 cu yd	\$110.00	\$58.00	
Grass Seed & Straw Mulch	For overseeding ares where excavated materials are spread	~800 sq ft	\$124.30	\$43.04	
Dry Creek Bed			\$1,108.25	\$320.31	\$1,428.56
Excavate dry creek bed to 6" depth, 3' wide	180 sq ft		\$792.00		
2.5 tons aggregate: River Rock (Clean, washed (4-6") or equivalent)	Install 2-6" clean washed river rock in dry creek bed	2.5 tons	\$233.75	\$133.40	
180 sq ft Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	Install nonwoven geotextile between rock & soil		\$82.50	\$186.91	
Native Planting Area			\$1,424.50	\$862.81	\$2,287.31
100 linear ft natural-cut edgeline	shovel-cut edge		\$182.60		
Sod-kick perimeter	100 linear ft		\$110.00		
630 sq ft Sheet Mulch	Cardboard roll and mulch to smother underlying growth	630 sq ft	\$71.50	\$57.42	
Fine Hardwood Mulch [Twice-Shredded Hardwood Mulch (MnDot Type II)]	3" thick twice-shredded hardwood mulch over entire raingarden and native planting area. 785 sq ft total	7.25 cu.yd	\$412.50	\$156.60	
Native Perennial: 4" pot; or equivalent	Sourced from Glacial Ridge Growers	68 ea.	\$165.00	\$205.09	
Native Perennial: 2" plugs	Sourced from MNL	225 ea	\$482.90	\$443.70	
				Total Labor	\$4,529.80
			Total Materials & Plants		\$1,284.16
			Total (Excluding Tax)		\$5,813.96



Rustic Hills Garden Co.
17440 West 66th Street
Eden Prairie, Minnesota 55346
United States

Mobile: 612-314-3298

www.RusticHillsGardenCo.com

Ramsey County Rain Garden & Native Plantings Bid

Client: Meier, Erica

1364 Rockstone Lane

New Brighton, MN 55112

BMP Type: Rain gardens and Native Plantings

Installed Labor & Materials - Raingarden & Planting C

Project Needs	Notes	Raw Data	Labor Charge	Material Charge	Total Charge
Rain Garden C			\$1,100.55	\$67.92	\$1,168.47
Sod/Vegetation Removal; Raingarden Excavation/Grading & Soil Haul-Away. (use excavated soils onsite as possible before soil haul-away)	*Use all excavated materials on site* Labor for spreading materials onsite	2.75 cu yd	\$151.25	\$0.00	
Excavate rain garden area	Excavate raingarden area, 90 sq ft., 6" ponding depth.	90 sq ft	\$396.00	\$0.00	
Ripped Sub-Grade Soils	Over-excavate additional 6-12" minimum to loosen underlying soils in raingarden area. 90 sq ft	90 sf ft	\$396.00	\$0.00	
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost) - Herman's 'Rain Garden Mix'	Install 6" amended soil (Rain Garden Mix). Grade out flat rain garden basin area, ensuring basin is level in all directions. Grade 3H:1V side slopes. Match surrounding grade.	1.6 cu yd	\$88.00	\$46.40	
Grass Seed & Straw Mulch	For overseeding ares where excavated materials are spread	~450 sq ft	\$69.30	\$21.52	
Dry Creek Bed			\$521.40	\$117.43	\$638.83
Excavate dry creek bed to 6" depth, 3' wide		85 sq ft	\$374.00		
2.5 tons aggregate: River Rock (Clean, washed (4-6") or equivalent)	Install 2-6" clean washed river rock in dry creek bed	1.2 tons	\$110.00	\$64.03	
Geotex 401 (or Mirfani 140N: Non-woven geotextile, or equal)	Install nonwoven geotextile between rock & soil	85 sq ft	\$37.40	\$53.40	
Native Planting Area			\$748.55	\$432.56	\$1,181.11
95 linear ft natural-cut edgeline	Shovel-cut edge	100 lin ft	\$176.00	\$0.00	
Sod-kick Perimeter	100 linear feet		\$110.00	\$0.00	
630 sq ft Sheet Mulch	Cardboard roll and mulch to smother underlying growth	205 sq ft	\$27.50	\$57.42	
Fine Hardwood Mulch	3" thick twice-shredded hardwood mulch over entire raingarden and native planting area. 295 sq ft total	3.25 cu yd	\$192.50	\$73.08	
Native Perennial: 4" pot; or equivalent	Sourced from Glacial Ridge Growers	44 ea.	\$74.80	\$132.70	
Native Shrub: 2 Gallon; or equivalent [include 1 year plant warranty]	Sourced from Bachmans Wholesale	1 ea.	\$16.50	\$21.46	
Native Perennial: 2" plugs	Sourced from MNL	75 ea.	\$151.25	\$147.90	
				Total Labor	\$2,370.50
				Total Materials & Plants	\$617.91
				Total (Excluding Tax)	\$2,988.41

MEMORANDUM

Rice Creek Watershed District



Date: August 3rd, 2026
To: RCWD Board of Managers
From: Molly Nelson, Outreach and Grants Technician
Subject: R26-09 Kippels Raingarden

Introduction

R26-09 Kippels Raingarden

- Applicant: Kippels, Residential
- Location: 2249 Buffalo Street, White Bear Township
- Total Eligible Project Cost: \$9,019.50
- RCWD Grant Recommendation: \$4,509.75 (50%)

Background

The R26-09 Water Quality Grant application proposes a 415 square foot raingarden on a residential property in White Bear Township. Outlined details of the project are provided in the Ramsey County Parks & Recreation Soil & Water Conservation Division (RSWCD) technical memo attached. RSWCD staff provided designs and cost-share recommendations which were reviewed and approved by RCWD staff.

The estimated pollutant reductions for the proposed project are:

- Water volume: 2,558 cu-ft/year (43%)
- Total suspended solids: 33.6 lbs/year (43%)
- Total phosphorus: 0.125 lbs/year (43%)

The applicant received 2 bids for the project:

- Timonen Outdoor Solutions: \$13,750.00
- Winters Outdoor Services: \$9,019.50

Staff Recommendation

Based on the submitted application and program guidelines, RCWD staff support the project award of \$4,509.75 not to exceed 50% of eligible project expenses of \$9,019.50 or \$10,000.00, whichever is lower.

Request for Proposed Motion

Manager _____ moves to authorize the RCWD Board President, on advice of counsel, to approve the Water Quality Grant Contract for R26-09 of \$4,509.75 (50%) not to exceed 50% of eligible project costs or up to \$10,000.00, whichever amount is lower, as outlined in the consent agenda and in accordance with the RCWD Staff's recommendation and established program guidelines.

Attachments

R26-09 application documents.

Ramsey County Soil & Water Conservation Division



To: RCWD Advisory Committee
From: Tyler Keefer: Environmental Resource Specialist
Date: 6/25/2026
Re: Kippels Cost Share Application

Project: R26-09
2249 Buffalo St
White Bear Township 555110
Raingarden

Material & Labor Estimate: \$9,019.50
Cost Share Request: \$4,509.75

Background:

The proposed project is located at a residential property in White Bear Township. The property drains its entire area and part of the neighboring area towards the road to the South. It currently collects in the road and ultimately ends up in the storm sewer system that sends it towards Bald Eagle Lake, negatively impacting water quality.

The proposed project involves installing a raingarden and native planting in the front yard of the property. The project will collect the runoff from downspouts and the surrounding lawn landscapes before it gets to the road and ultimately into the storm sewer system. Once established the rain garden and planting will collect and infiltrate a large amount of the runoff from the landowner's property and some of the neighbor's property. It will reduce volume, total phosphorous, and sediment inputs to Bald Eagle Lake which is a RCWD Restoration classified lake, as well as providing pollinator and ecological health to the property.

Total catchment area treated by the proposed project is 3,516 square feet (0.081 acres). It is 58% impervious and includes roof, sidewalk, and landscape/turf grass.

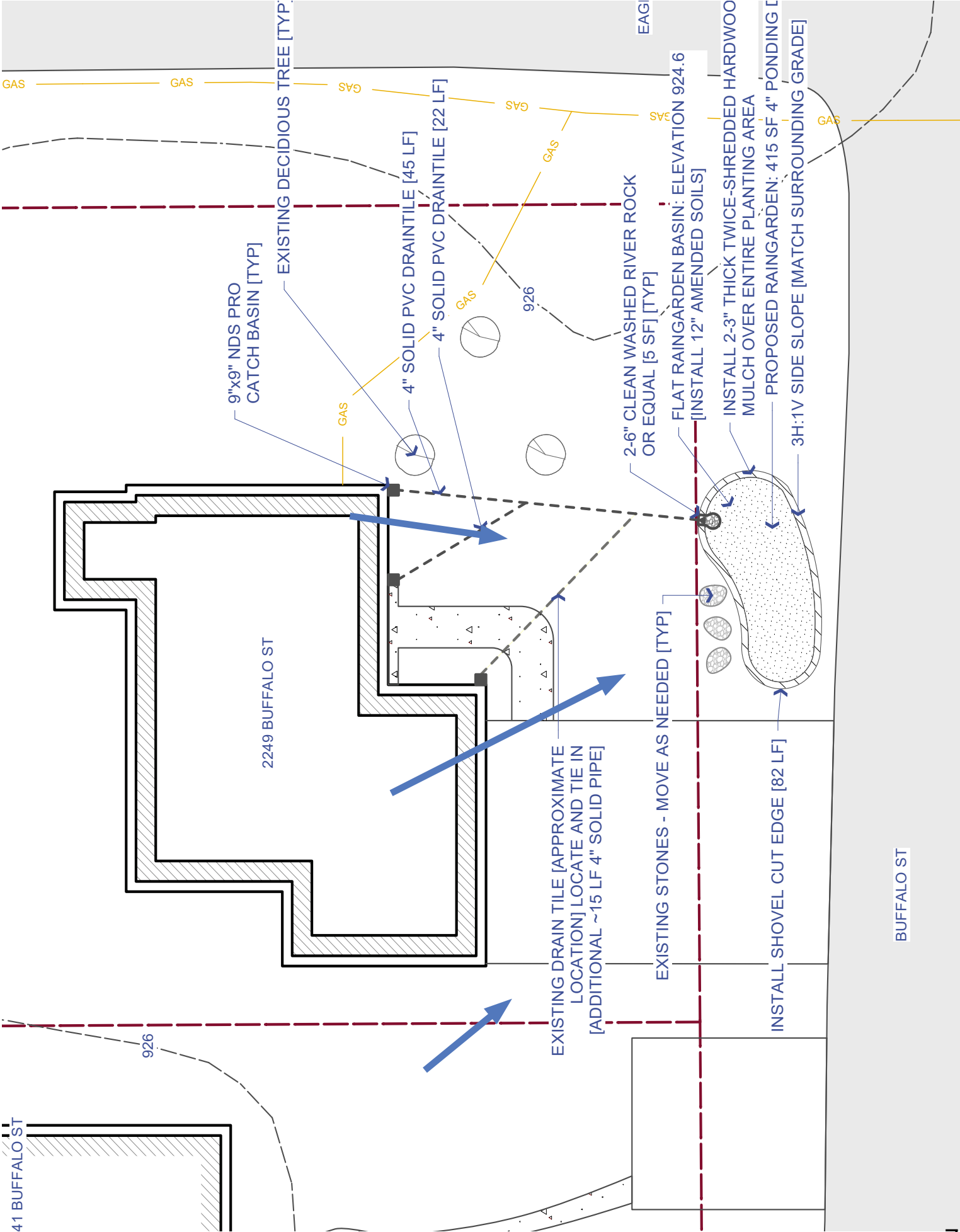
Recommendation:

It is my recommendation the project be awarded cost share in the amount of \$4,509 or 50% of the eligible project costs, whichever is less.

Pollution Reductions: Raingarden

	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	5,928	3,370	2,558	43%
TSS (lbs/yr)	78.70	45.10	33.60	43%
TP (lbs/yr)	0.294	0.169	0.125	43%

EXHIBIT A: Site Drainage



ALL ITEMS AS SPECIFIED BELOW ARE ESTIMATES FOR REFERENCE USE ONLY - NOT A BID SHEET

Kippels
2249 Buffalo St
White Bear Township, MN 55110
BMP Type: Raingarden
Number of BMPs: 1 of 1

County: Ramsey
Date: 5/15/2026

INSTALLED MATERIALS & LABOR - RAINGARDEN

Item	Qty	Unit	Unit Cost	Amount
Sod Removal; Raingarden Excavation/Grading & Disposal/Haul away	29.25	CY	\$ 90.00	\$ 2,632.50
Underlying soil loosening	1.00	LS	\$ 300.00	\$ 300.00
Soil Amendment (80% Washed No.2 Sand; 20% MnDOT Grade II Compost)	12.25	CY	\$ 120.00	\$ 1,470.00
Twice-Shredded Hardwood Mulch (MnDot Type II) (2-3" thick)	4.00	CY	\$ 110.00	\$ 440.00
Native Shrub: 2 Gal Pots; or equivalent	3.00	EA	\$ 35.00	\$ 105.00
Native Perennial: 4" Pots; or equivalent	151.00	EA	\$ 9.50	\$ 1,434.50
2-6" Clean Washed River Rock; or equivalent	0.25	TON	\$ 95.00	\$ 23.75
1.5" Clean Washed Aggregate; or equivalent	15.50	TON	\$ 110.00	\$ 1,705.00
Non-woven Geotextile Fabric: Geotex 401 or Mirfani 140N or equivalent	5.00	SF	\$ 2.75	\$ 13.75
Natural Shovel Cut Edge (or approved equivalent edging material - steel/rock/paver/etc.)	82.00	LF	\$ 3.00	\$ 246.00
NDS Pro Catch Basin 9"x9"	2.00	EA	\$ 125.00	\$ 250.00
Solid 4" SCH40 PVC drain tile pipe: including all connections/fittings/etc.	82.00	LF	\$ 8.00	\$ 656.00
Mobilization	1.00	LS	\$ 1,000.00	\$ 1,000.00
			Subtotal	\$ 10,276.50

ADDITIONAL BID ITEMS AS NECESSARY

Subtotal \$ -

PROJECT TOTAL

Project Estimate	\$	10,276.50
:-10%	\$	9,248.85
:+10%	\$	11,304.15
Estimated WD/WMO Grant Award:	\$	5,138.25
Estimated RCPR Grant Award:	\$	-
Potential Grant Award Total:	\$	5,138.25
Estimated Landowner Cost:	\$	5,138.25

Soil & Water Conservation Division
2015 Van Dyke Street
Maplewood, MN 55109
www.ramseycounty.us



wintersoutdoorservices

6858 East Viking Boulevard | Wyoming, Minnesota 55092
6123609480 | wintersoutdoorservices@gmail.com |

<https://www.wintersoutdoorservices.com/landscape-design-installation>

RECIPIENT:

Jody& Bob

2249 buffalo st whitebear town ship 55110
White Bear Township, MN 55110

Quote #164

Sent on

Jun 14, 2026

Total

\$9,019.50

Product/Service	Description	Qty.	Unit Price	Total
Excavation	Removal of old soils excavating for prep of rain garden installation	1	\$0.00	\$0.00
Soil loosening	Prepping non excavated soils	1	\$310.00	\$310.00
Dirt work	Installation of 80% washed no 2 20% mn dot Grade 2 compost in prep of planting	1	\$1,600.00	\$1,600.00
Mulch install	- Installation of 2 to 3 inches of Natural Hardwood shredded mulch	1	\$600.00	\$600.00
Plant installation	Installation of native shrubs 2 gallon pots three of those and native perennial foreign pots are equivalent 151	1	\$1,634.50	\$1,634.50
Rock installation	Installation of 2-6 inch river rock	1	\$200.00	\$200.00*
Rock installation	Installation of 1.5 inch clean washed limestone rock 15.50 ton	1	\$2,325.00	\$2,325.00*
Fabric	Installation of geotextile fabric	1	\$120.00	\$120.00
Edging installation	Installation of natural edging around the rain garden If you wanted to do nice aluminum black edging would be addition \$1025	1	\$250.00	\$250.00
Drain pipe install	Installation of two catch basin drain boxes 9 x 9 with a 4 inch solid PVC drain tile pipe running to the rain garden includes connecting existing underground drain from under the sidewalk tying it all in together and then install a pop-up on the end for it to drain into the rain garden.	1	\$1,125.00	\$1,125.00*
Equipment on site	Skid loader and Mini Excavator on site	1	\$855.00	\$855.00

* Non-taxable



wintersoutdoorservices

6858 East Viking Boulevard | Wyoming, Minnesota 55092
6123609480 | wintersoutdoorservices@gmail.com |

<https://www.wintersoutdoorservices.com/landscape-design-installation>

Total

\$9,019.50

Winters Outdoor services
612-360-9480

Wintersoutdoorservices@gmail.com

Winters Outdoor Services Project Contract Terms & Conditions: Scope and Agreement: By signing the quote, the Client agrees to both the outlined scope of work and the Terms and Conditions.

Change Orders: Any work beyond the agreed scope requires a signed change order by both parties.

Material Ownership: Materials remain property of Winters Outdoor Services until project completion; excess materials are either retained by Winters outdoor services or left on-site with Client's approval.

Pricing and Changes: Costs are detailed in the quote; any changes require pre-approval and explanation. Utilities and

Permits: Winters outdoor services contacts public utility services; Clients must mark private utilities at least 24 hours prior to Winters outdoor services scheduled start date. Winters Outdoor services will obtain permits on Clients behalf, Client is responsible for permits fees and processing. Unforeseen Conditions: Additional costs may arise from unforeseen circumstances such as; dewatering, soils, debris, or foundations. Delays due to weather are not grounds for termination of contract.

Settling: Winters outdoor services is not liable for ground settling in previously excavated areas.

Payment Terms: Payments via check or credit card are accepted. A 50% down payment is non-refundable after 14 days.

Late payments incur interest. Client agrees to cover all collection costs, including attorney's fees and court expenses, incurred by Winters Outdoor Services for pursuing outstanding balances. Winters Outdoor Services reserves the right to withdraw from the contract at any time. If work hasn't commenced and withdraws, Winters Outdoor Services the deposit will be refunded; otherwise, billing for completed work is the responsibility of the Client.

Subcontractors: Winters Outdoor Services may subcontract work as needed; subcontractors carry necessary insurance. Site Conditions: Winters Outdoor Services may delay work due to adverse site conditions, at their discretion.

Animal Restraint: Client must restrain animals during site visits.

Promotional Use: Client grants permission for promotional use of project media.

Insurance: Winters Outdoor Services carries relevant insurance.

Warranties: Specific warranties apply to materials and workmanship.

Sod/Seeding not covered.

Brick Paving/Hardscape materials guaranteed by manufacturer; workmanship guaranteed for 5 years, excluding discoloration of concrete materials.

Plant Material: One-time replacement warranty (if applicable) until October 31st of planting year. Client responsible for proper watering and maintenance. Damage from animals or neglect not covered. Warranties start after project completion and full payment. See warranty for full details.

Dispute Resolution: Disputes are resolved through mediation or arbitration.

Project Carryover: Project may be carried to spring due to onset of early winter. Winter projects are invoiced for work completed and prioritized for completion in spring. Winters outdoor services shall not be responsible for any damage to the project or property that occurs over the winter.

Indemnification: Client indemnifies Winters outdoor services against damages arising from Client's actions.

Limitation of Liability: Winters outdoor services liability is limited to the amount billed under the contract.

Waiver of Consequential Damages: Client waives the right to collect indirect or consequential damages. Merger: The proposal and attachments constitute the entire agreement between parties.

Acceptance of Proposal: Client accepts the proposal by signing, authorizing work commencement at the listed property for the agreed-upon price.



Timonen Outdoor Solutions

Phone: (612) 323-9944
Email: TimonenOutdoorSolutions@gmail.com
Address: 3564 Snelling Avenue North
Arden Hills, MN 55112

Customer Name: Jody and Bob
Estimate Date: 06/15/2026

Estimate # 1394

New

Subtotal:	\$13,750.00
Tax:	\$0.00
Past Balance:	\$0.00
Total Amount:	\$13,750.00

Item	Quantity	Price
Sod removal and Excavation	1.0	\$3,500.00
Soil loosening	1.0	\$400.00
Soil Amendment	1.0	\$2,000.00
Native shrub and perennial	1.0	\$2,000.00
2-6 river rock	1.0	\$200.00
1.5 AG rock	1.0	\$2,400.00
Fabric	1.0	\$50.00
Shovel edge	1.0	\$700.00
Catch basin	1.0	\$500.00
Drain tile	1.0	\$700.00
Skid on sight	1.0	\$1,300.00

Download / Print

Powered by stripe





RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MARLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: KIPPELS RESIDENCE

LOCATION:
2249 BUFFALO ST
WHITE BEAR TOWNSHIP, MN 55110

WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT
RCWD
RICE CREEK WATERSHED DISTRICT

DESIGNER: TYLER L. KEEFER

DATE: 5/15/2026

REVISION:

REVISION:

REVISION:

CHECKED BY: BTO

TAA:

NOTES:

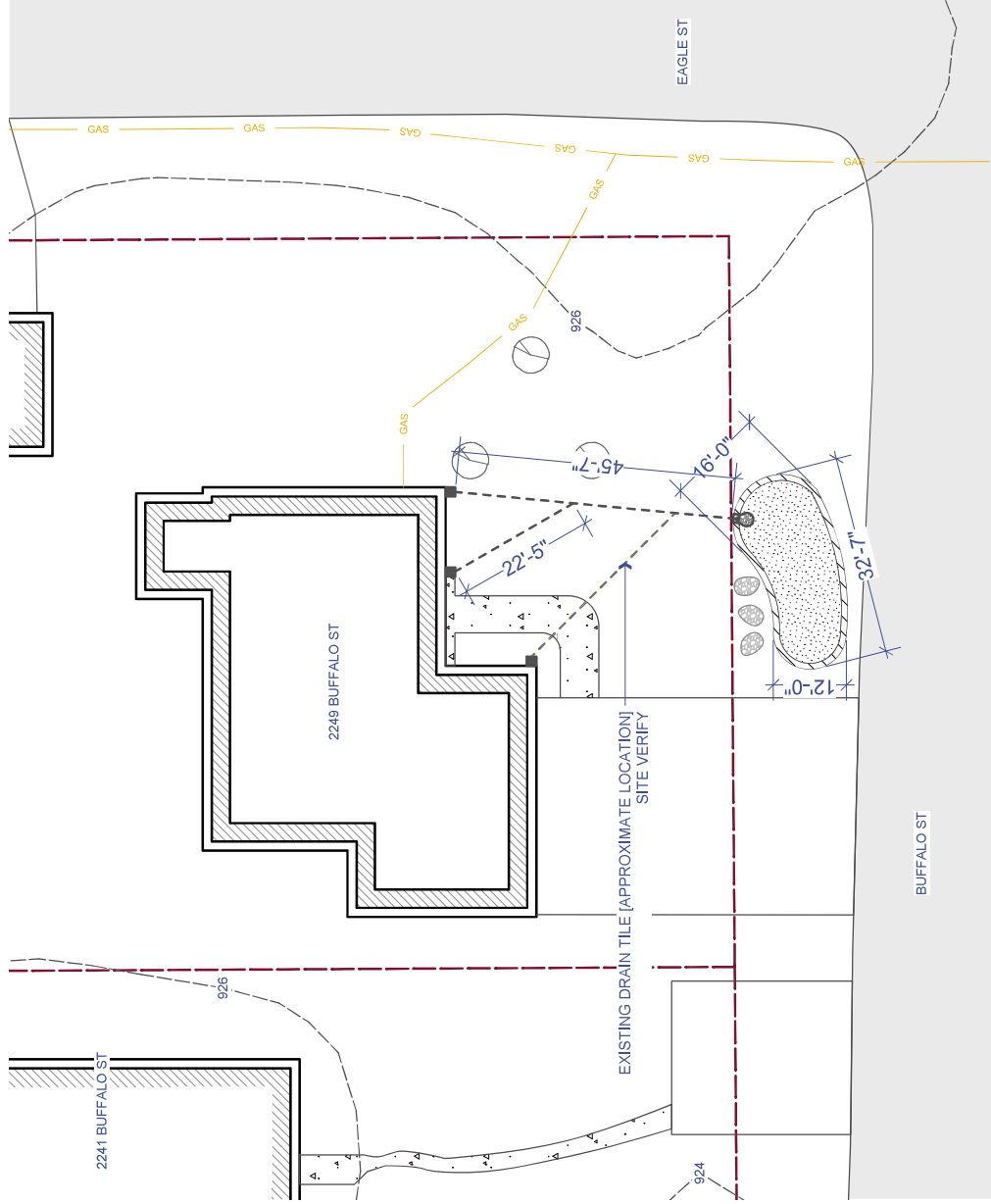
- CONTACT GOPHER STATE ONE CALL TO CONFIRM UTILITY LOCATIONS PRIOR TO WORK
- EXCAVATE WITH TRACKED EQUIPMENT ONLY
- MAINTAIN SQUARE FEET AND DEPTH
- SUBSTITUTIONS TO CONSTRUCTION DESIGN AND MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION
- ORIGINAL SHEET SIZE: 11"x17"

SCALE: 1"=20'-0"



DIMENSIONS PLAN

L101



PLAN LEGEND:

- FLAT RAINGARDEN BASIN
- RAINGARDEN 3H:1V SIDE SLOPES
- PROPERTY LINE [APPROX]
- 2' CONTOUR LINE



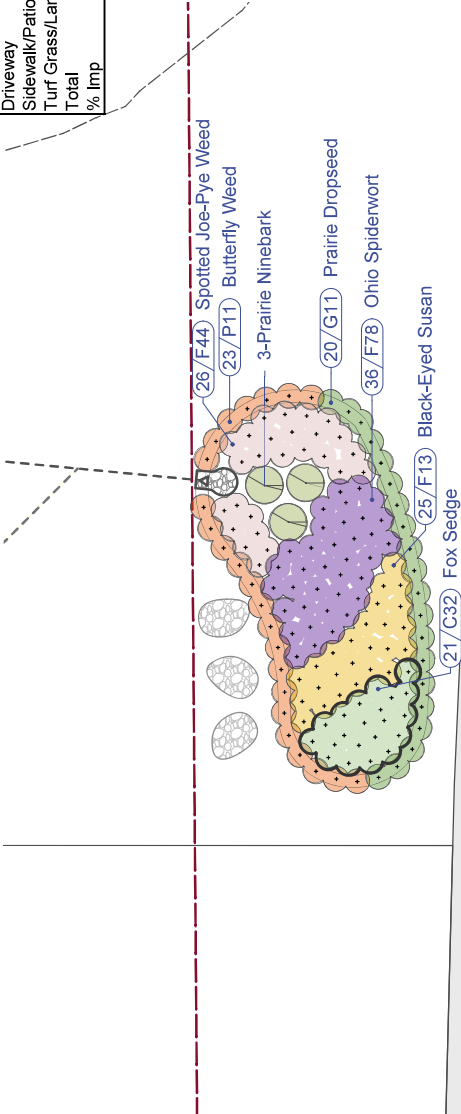
PLANT SCHEDULE				
ID	Qty	Latin Name	Common Name	Size Spacing (ft)
C32	21	Carex vulpinoidea	Fox Sedge	4" Pot 2
F13	25	Rudbeckia hirta	Black-Eyed Susan	4" Pot 2
F44	26	Eupatorium maculatum	Spotted Joe-Pye Weed	4" Pot 2
F78	36	Tradescantia ohnensis	Ohio Spiderwort	4" Pot 2
G11	20	Sporobolus heterolepis	Prairie Dropseed	4" Pot 2
P11	23	Asclepias tuberosa	Butterfly Weed	4" Pot 2
S30	3	Physocarpus opulifolius	Prairie Ninebark	2 Gallon 3
	154	TOTAL PLANTS		

RAINGARDEN PLANTING NOTES:

1. EXACT SPECIES & SIZING MAY VARY. LANDOWNER/CONTRACTOR MAY ADD/SUBSTITUTE FINAL SPECIES FOR PROJECT. IF ALTERNATE SPECIES ARE USED, CONTRACTOR/LANDOWNER MUST PROVIDE A LIST INCLUDING SPECIES, SIZING, AND QUANTITY TO RGSWD STAFF PRIOR TO PURCHASE AND INSTALLATION FOR APPROVAL.
2. EXACT LAYOUT/SIZES/SHAPE OF PLANTING AREA MAY VARY. MAINTAIN APPROXIMATE SQUARE FEET SIZE. VERIFY FINAL LAYOUT WITH LANDOWNER PRIOR TO HERBICIDE APPLICATION AND PROJECT INSTALLATION.
3. CONTRACTOR TO WATER ALL PLANTINGS ONCE IMMEDIATELY AFTER INSTALLATION AND ESTABLISH CONTRACT LANGUAGE/PLAN WITH LANDOWNER FOR PROPER IRRIGATION OF PLANTINGS.
4. INSTALL PLUGS THROUGH MULCH LAYER.

Pollutant Reductions: Kippels Rain Garden				
	Before	After	Reduction	Red. %
Volume (cu-ft/yr)	5,928	3,370	2,558	43%
TSS (lbs/yr)	78.70	45.10	33.60	43%
TP (lbs/yr)	0.294	0.169	0.125	43%

Watershed Data Kippels Rain Garden				
Target Rainfall	1.1	In		
Soil Type:	C	HSG:		
Soil IR	0.3	in/hr		
Surface	Sq-ft	Acres	CN	
Roof	1,111	0.026	98	
Driveway	691	0.016	98	
Sidewalk/Patio/Deck	230	0.005	98	
Turf Grass/Landscape	1,484	0.034	79	
Total	3,516	0.081		
% Imp	58%			



RAMSEY COUNTY SWCD
 2015 VAN DYKE STREET
 MAPLEWOOD, MN 55109
 651-266-7280
 www.ramseycounty.us

PROJECT: KIPPELS RESIDENCE

LOCATION:
 2249 BUFFALO ST.
 WHITE BEAR TOWNSHIP, MN 55110
 WATERSHED DISTRICT:
 RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER
 DATE: 5/15/2026

REVISION:

REVISION:

CHECKED BY: BTO

TAA:

- NOTES:
- CALL Gopher ONE TO MARK UTILITIES
 - BEFORE DIGGING
 - SEE PLANT SCHEDULE FOR SPACING
 - [PLANT LOCATION MAY VARY]
 - PLANT SUBSTITUTIONS MUST BE APPROVED BY RCD STAFF
 - ORIGINAL SHEET SIZE: 11"x17"

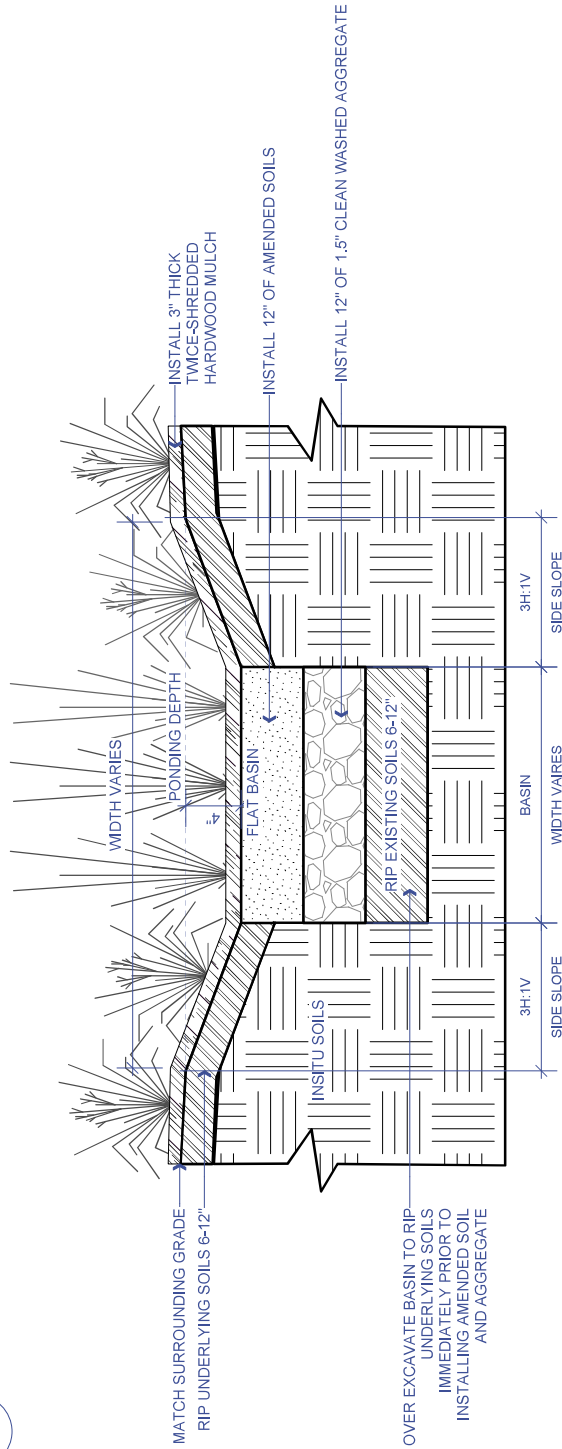
SCALE: 1"=10'-0"



PLANTING PLAN 1

L200

1 RAINGARDEN CROSS-SECTION [TYP]
Scale: 1/2" = 1'-0"



RAMSEY COUNTY SWCD
2015 VAN DYKE STREET
MAPLEWOOD, MN 55109
651-266-7280
www.ramseycounty.us

PROJECT: KIPPELS RESIDENCE

LOCATION:
2249 BUFFALO ST
WHITE BEAR TOWNSHIP, MN 55110

WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT



DESIGNER: TYLER L. KEEFER

DATE: 5/15/2026

REVISION:

REVISION:

REVISION:

CHECKED BY: BTO

TAA:

NOTES:

- CONTACT Gopher STATE ONE CALL TO CONFIRM UTILITY LOCATIONS PRIOR TO WORK
- EXCAVATE WITH TRACKED EQUIPMENT ONLY
- MAINTAIN SQUARE FEET AND DEPTH
- SUBSTITUTIONS TO CONSTRUCTION DESIGN AND MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION
- ORIGINAL SHEET SIZE: 11"x17"

SCALE:

SITE DETAILS

L300

MEMORANDUM

Rice Creek Watershed District



Date: August 3rd, 2026
To: RCWD Board of Managers
From: Molly Nelson, Outreach and Grants Technician
Subject: W26-02 Dowdal Green Roof

Introduction

W26-02 Dowdal Green Roof

- Applicant: Dowdal, Residential
- Location: 619 Park Ave, Mahtomedi
- Total Eligible Project Cost: \$21,700.00
- RCWD Grant Recommendation: \$10,000.00 (50%)

Background

The W26-02 Dowdal Green Roof Water Quality Grant application proposes a 350 square foot extensive green roof on a residential home in Mahtomedi. Green Roofs as a stormwater BMP were approved as eligible practices for cost-share through the Water Quality Grant Program at the 2024 annual program review. This project will be the pilot project for the program to install a green roof system in RCWD. The property drains directly to White Bear Lake, and the property owner would like to conduct a phase 2 shoreline restoration project in the following year. Outlined details of the project are provided in the Washington Conservation District's (WCD) technical memo attached. The applicant was working with a contracting company prior to applying and chose to proceed with their design services for the project. TerraVista Landscape & Design, LLC provided the construction designs which were reviewed and approved by WCD staff. WCD staff then provided recommendations for a cost-share grant award which has been reviewed and adjusted by RCWD staff to reflect the lowest bid.

The estimated pollutant reductions for the proposed project are:

- Water volume – 0.0205 acre-ft/year (45%)
- Total suspended solids – 6.5 lbs/year (96%)
- Total phosphorus – <.01 lbs/year (0%)

The applicant received 2 bids for the project:

- TerraVista Landscape & Design, LLC: \$21,700.00
- Aloha Landscaping: \$33,386.00

Staff Recommendation

Based on the submitted application and program guidelines, RCWD staff support the project award of \$10,000.00 not to exceed 50% of eligible project expenses of \$21,700.00 or \$10,000.00, whichever is lower.

Request for Proposed Motion

Manager _____ moves to authorize the RCWD Board President, on advice of counsel, to approve the Water Quality Grant Contract for W26-02 of \$10,000.00 (50%) not to exceed 50% of eligible project costs or up to \$10,000.00, whichever amount is lower, as outlined in the consent agenda and in accordance with the RCWD Staff's recommendation and established program guidelines.

Attachments

W26-02 Dowdal Green Roof application documents.



MEMORANDUM

TO: RCWD Advisory Committee
FROM: Ashley Petel, Landscape Restoration Specialist
DATE: July 24, 2026
RE: Dowdal Water Quality Grant Application

Project: Dowdal Green Roof Project

Bridgid Dowdal & RJ Zayed
619 Park Ave, Mahtomedi, MN 55115

Material & Labor Estimate: See quotes
Cost Share Request: \$7,500 (50%)

BACKGROUND

A site visit was conducted with RJ Zayed on May 22, 2026 to discuss water quality projects on the property of 619 as well as their adjacent property 617. Over the past few years, they have conducted a number of building projects, including re-building the residence at 619 and installing pervious pavers on the driveway. A green roof design for the house was included in the architect's plan and the roof was built accordingly with the needed load-bearing capacity to support a green roof. The landowners are now interested in installing the remaining components of the green roof, including the growing media and live plants—a Phase 1 water quality project. An additional project they intend to pursue after the green roof is a shoreline restoration—a Phase 2 water quality project. The primary goals for their property are to increase water infiltration, reduce water runoff, capture suspended solids, reduce erosion, and stabilize the shoreline. The existing pervious pavers, the phase 1 green roof project, and a future phase 2 shoreline restoration, creates a stormwater treatment train to support water quality.

The proposed project is located on the eastern shore of White Bear Lake. The lake is listed as impaired for aquatic consumption and has a TMDL approved for Hg-F. In the RCWD 2020-2029 Watershed Management Plan, White Bear Lake has a Management Classification of "Protection."

The Washington Conservation District has reviewed a green roof design system provided by a contractor to install a green roof system with a growing media and live plants. The green roof is 350 SF, taking runoff from approximately 1000 SF of impervious surface. The estimated annual pollutant load reductions are as follows: 0.0205 acre-ft water volume and 6.48 lbs of total suspended solids.

RECOMMENDATION

The applicant will be hiring a contractor for green roof installation. It is my recommendation that this project be awarded 50% of eligible costs, up to \$7,500.

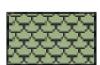


1" = 40'

PROPOSED PROJECTS

ID	PROJECT TYPE	SIZE	COST ESTIMATE	ESTIMATED GRANT AWARD	AFFECTED WATER BODY	CLEAN WATER BENEFIT
A	Green roof	350 SF		(50%)	White Bear Lake	Volume/TSS reduction
B	Shoreline restoration	115 LF	\$15,000	\$7,500 (50%)	White Bear Lake	Erosion/sediment reduction

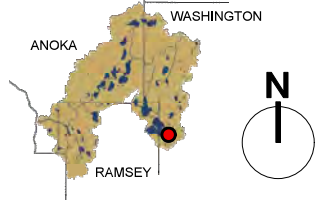
LEGEND

 Green Roof

 Shoreline Restoration

 Existing pervious pavers

PROJECT LOCATION WITHIN WATERSHED:



NOTES

CONCEPTUAL DRAWING FOR REFERENCE USE ONLY

* DISCLAIMERS:

1. COST SHARE FUNDING UP TO 75%, CAPPED AT \$7,500 PER PROJECT
2. COSTS AND PERCENTAGES ARE ESTIMATES. FUNDING IS DEPENDENT ON APPROVAL BY THE RCWD BOARD OF SUPERVISORS



CLEAN WATER PLAN

PROPERTY OWNER:
Bridgid Dowdal
ADDRESS:
619 Park Ave
Mahtomedi, MN 55115

DATE: 07/15/26
CLEAN WATER PLAN PROVIDED BY:
RICE CREEK WATERSHED DISTRICT [RCWD] &
WASHINGTON CONSERVATION DISTRICT [WCD]



www.mnwcd.org

Project Information

Calculator Version:	Version 4: July 2020
Project Name:	Dowdal
User Name / Company Name:	
Date:	07-15-2026
Project Description:	Green Roof
Construction Permit?:	No

Site Information

Retention Requirement (inches):	1.1
Site's Zip Code:	55115
Annual Rainfall (inches):	32
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
Managed Turf - disturbed, graded for yards or other turf to be mowed/managed					0
			Impervious Area (acres)		0.02
			Total Area (acres)		0.02

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
			Impervious Area (acres)		0.02
			Total Area (acres)		0.02

Summary Information

Performance Goal Requirement

Performance goal volume retention requirement:	80	ft ³
Volume removed by BMPs towards performance goal:	41	ft ³
Percent volume removed towards performance goal	51	%

Annual Volume and Pollutant Load Reductions

Post development annual runoff volume	0.0456	acre-ft
Annual runoff volume removed by BMPs:	0.0205	acre-ft
Percent annual runoff volume removed:	45	%

Post development annual particulate P load:	0.0205	lbs
Annual particulate P removed by BMPs:	0	lbs
Post development annual dissolved P load:	0.017	lbs
Annual dissolved P removed by BMPs:	0	lbs
Total P removed by BMPs	0	lbs
Percent annual total phosphorus removed:	0	%

Post development annual TSS load:	6.8	lbs
Annual TSS removed by BMPs:	6.5	lbs
Percent annual TSS removed:	96	%

BMP Summary

Performance Goal Summary

BMP Name	BMP Volume Capacity (ft ³)	Volume Recieved (ft ³)	Volume Retained (ft ³)	Volume Outflow (ft ³)	Percent Retained (%)
1 - Green roof	41	80	41	39	51

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 (%)
1 - Green roof	0.0456	0	0.0205	0.0251	45

Particulate Phosphorus Summary

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
1 - Green roof	0.0205	0	0	0.0205	0

Dissolved Phosphorus Summary

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
1 - Green roof	0.0167	0	0	0.0167	0

Total Phosphorus Summary

BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
1 - Green roof	0.0372	0	0	0.0372	0

TSS Summary

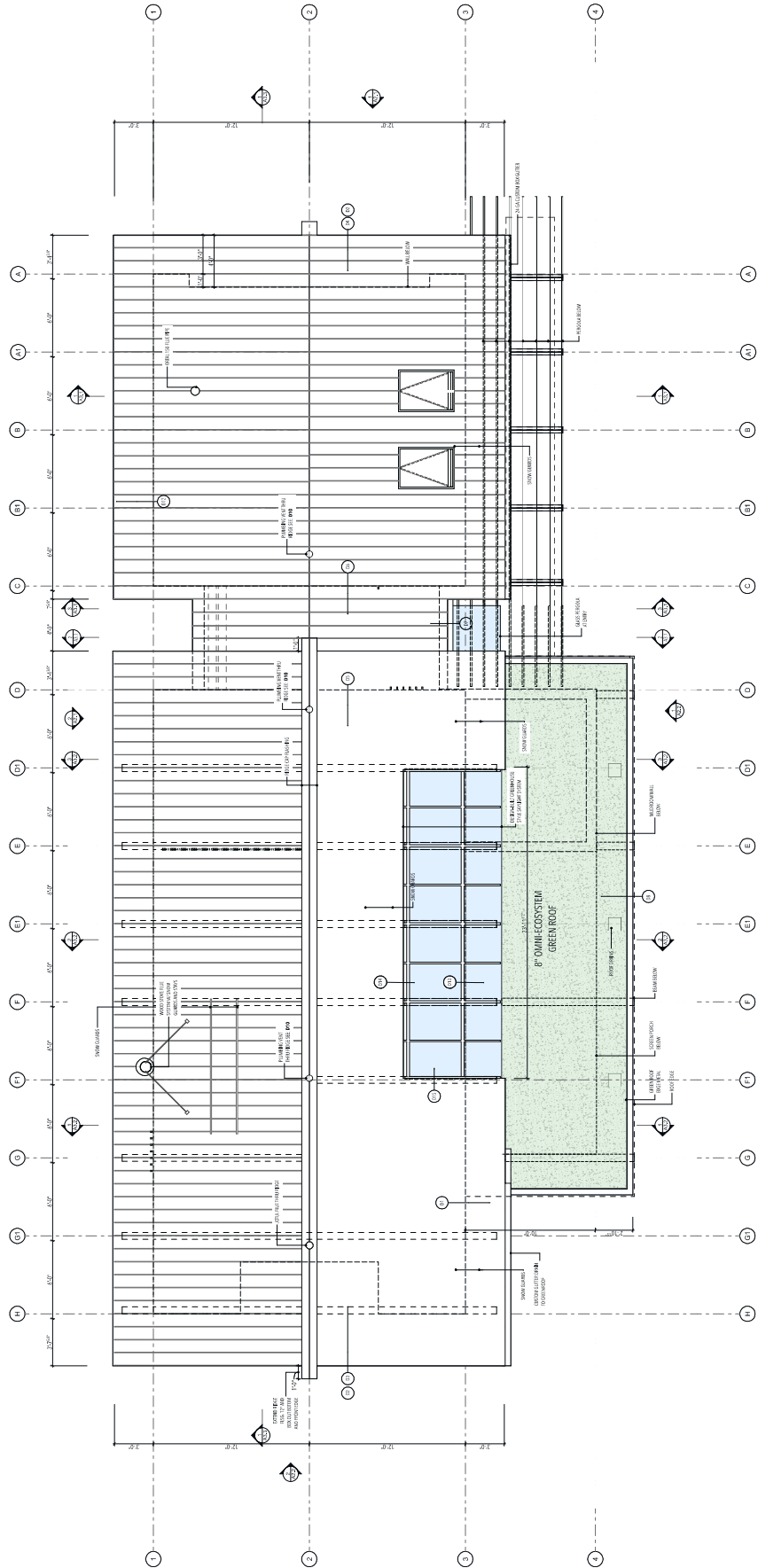
BMP Name	Load From Direct Watershed (lbs)	Load From Upstream BMPs (lbs)	Load Retained (lbs)	Outflow Load (lbs)	Percent Retained (%)
1 - Green roof	6.76	0	6.48	0.2799999999	96

BMP Schematic

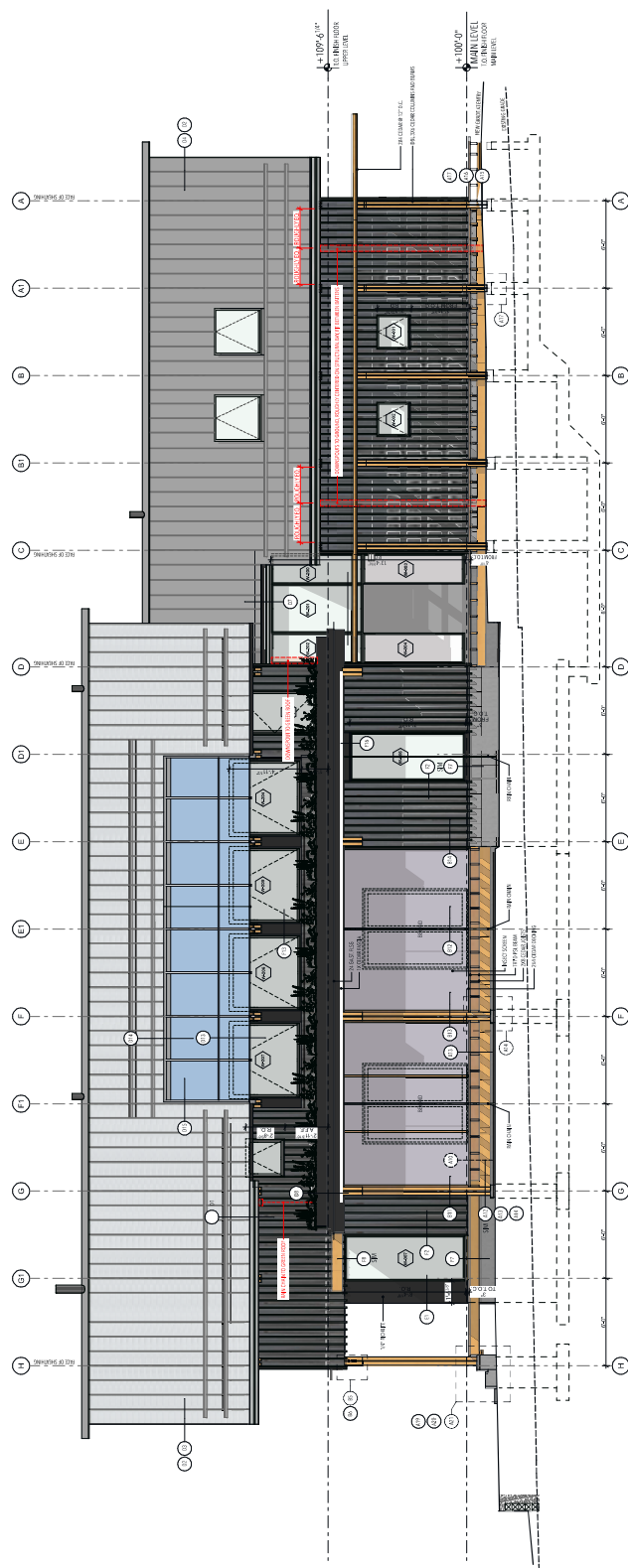
ROOF PLAN

1

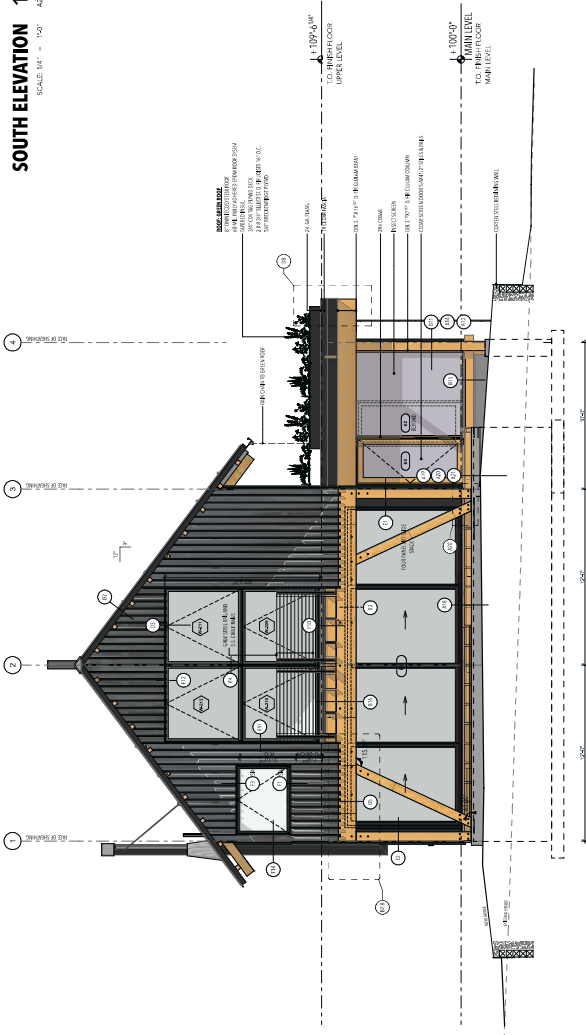
SCALE: 1/4" = 1'-0"



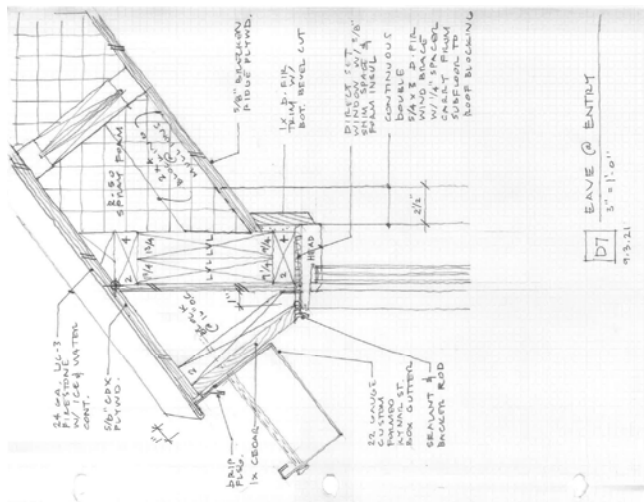


[illegible]

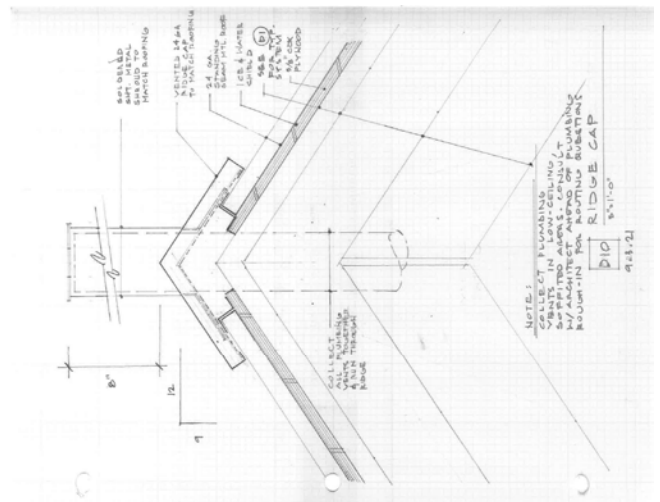
SOUTH ELEVATION 1
SCALE: 1/4" = 1'-0" A2.2



WEST ELEVATION 2
SCALE: 1/4" = 1'-0"
A2.2

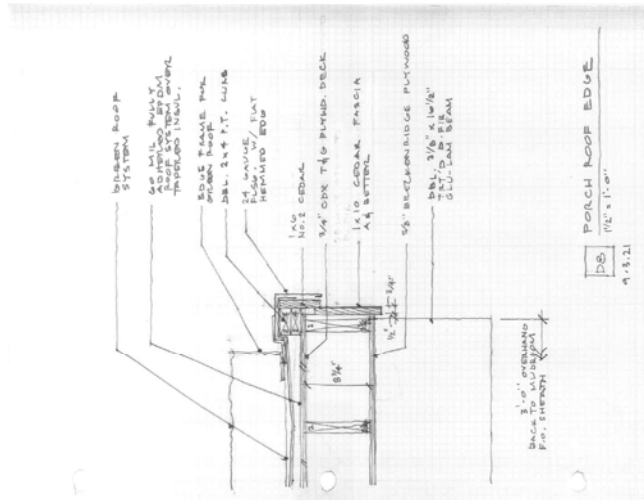


D7 EAVE @ ENTRY
3" x 1'-0"
9.13.21

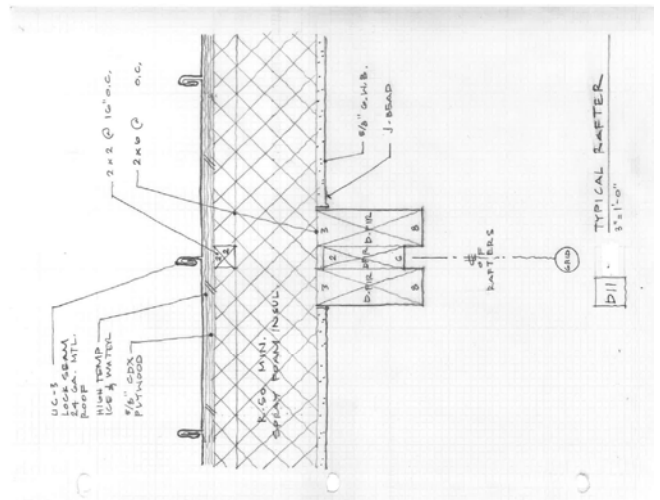


NOTE: 1. FIBERGLASS INSULATION IN LOW COLLING VALLEY AREAS CONTIGUOUS WITH WATER PROOFING MUST BE ROUTED IN FOR RIDGE CAP

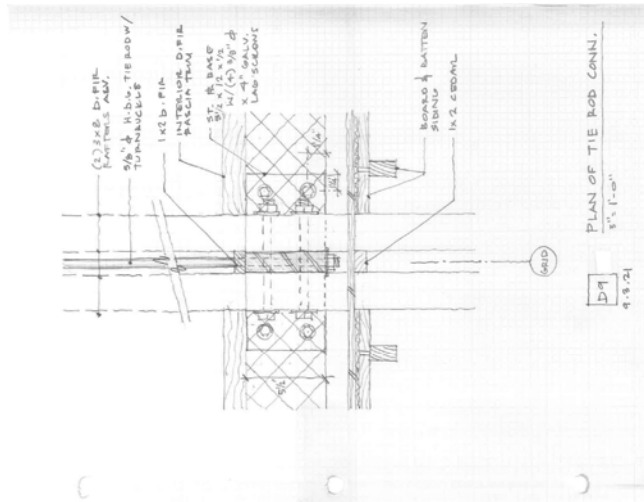
D10
3" x 1'-0"
9.13.21



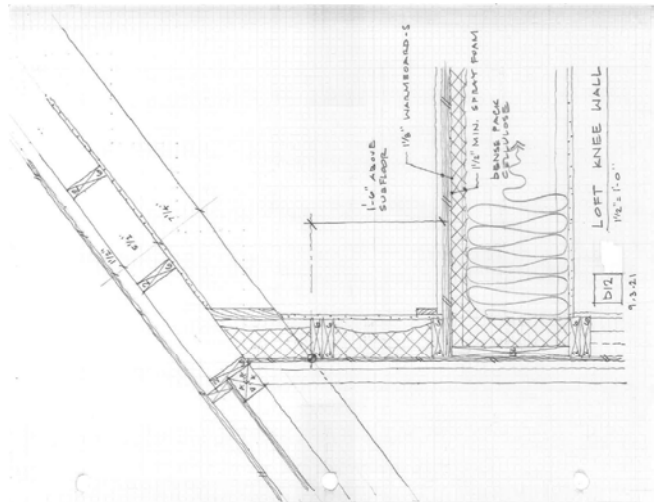
D8 PORCH ROOF EDGE
7/8\"/>



D11 TYPICAL RAFTER
3" x 1'-0"
9.13.21



D9 PLAN OF TIE ROD CONN.
3" x 1'-0"
9.13.21

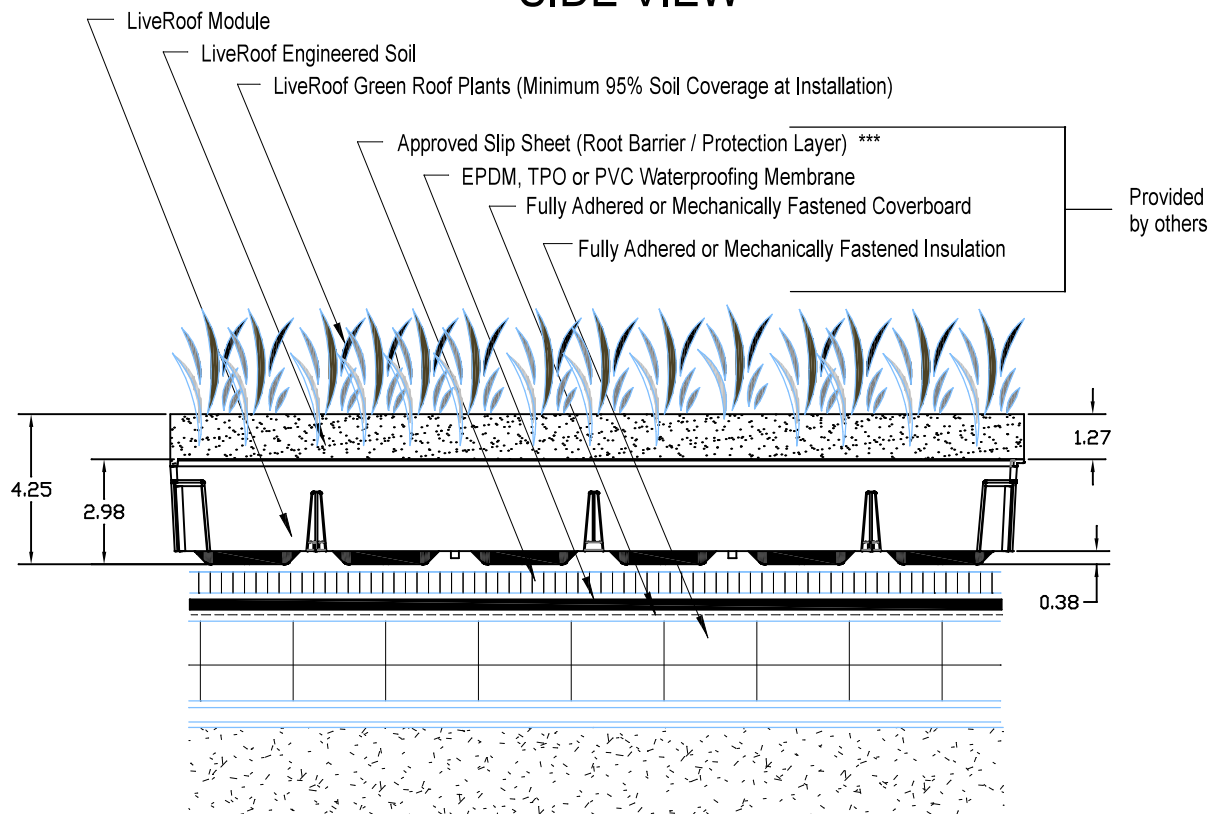


D12 LOFT KNEE WALL
3" x 1'-0"
9.13.21

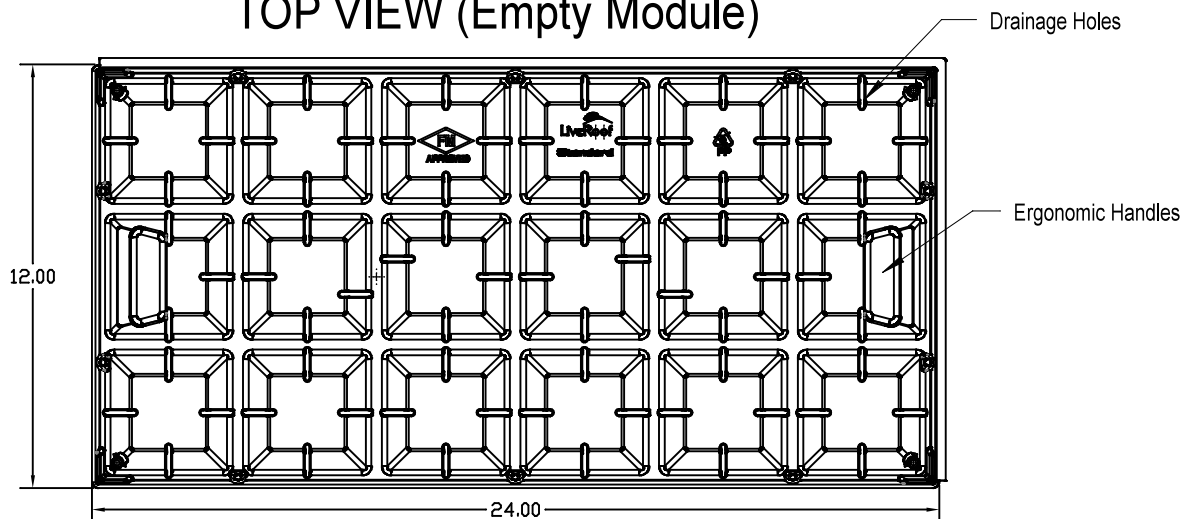
LiveRoof STANDARD SYSTEM

Over Conventional Roofing Assembly

SIDE VIEW



TOP VIEW (Empty Module)



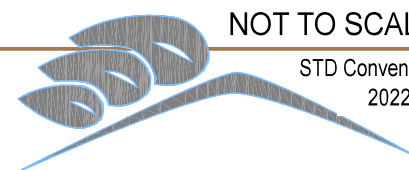
*** Examples of commonly used slip sheet include minimum 40mil EPDM, TPO, PVC polypropylene, Polyolefin or other product depending type of roof and/or warranty. Installer to confirm compatibility of slip sheet and waterproofing membrane with waterproofing membrane manufacturer.

LiveRoof System Saturated Weight: 27-29 lbs / sf

ILLUSTRATIONS ARE TO CONCEPTUALLY ASSIST PROFESSIONALS IN DESIGNING LIVEROOF INSTALLATIONS. LIVEROOF DOES NOT ACCEPT RESPONSIBILITY FOR ENGINEERING BASED ON ILLUSTRATIONS. A QUALIFIED ROOFING SPECIALIST SHOULD BE CONSULTED TO DETERMINE APPROPRIATE WATERPROOFING AND ROOF DECK MATERIALS AND SUITABLE DESIGN.

NOT TO SCALE

STD Conventional
2022-11-8



LiveRoof

TerraVista Landscape & Design LLC

1115 6th ST NE

Minneapolis, MN 55418 USA

6122270107

TerraVista@mac.com

<http://terravistamn.com>

Estimate

ADDRESS

RJ and Bridgid

619 Park Ave

Mahtdomedi, MN

ESTIMATE # 14-2982**DATE 07/24/2026**

ACTIVITY	QTY	RATE	AMOUNT
LIVEROOF SYSTEM:			
Greenroof installation Installation of liveroof greenroof system. This includes plants and installation of liveroof system units. and drainage sheet , Black anodized edging.	350	62.00	21,700.00
Pavers on deck Installation of specified pavers utilizing rubber risers. THIS IS FOR THE SEATING AREA	67	50.00	3,350.00
Mexican beach pebbles Installation of decorative Mexican beach pebbles THIS IS FOR UNDER THE EVES, THE PLANTINGS WILL NOT DO WELL BECAUSE OF THE DRY CONDITIONS IN THE WINTER AND NO SNOW COVER	86	30.00	2,580.00

Please call with any questions.

SUBTOTAL**27,630.00**

There will be a Terms and Conditions Attached to this Email.
If you find this estimate acceptable, please sign it along with the terms and conditions and send them back to our office. Include a deposit of 1/3 of the total amount quoted for a deposit. 1/3 will be required on the start date and the remainder of the balance due upon completion of the project.

TAX
TOTAL

0.00
\$27,630.00

Accepted By

Accepted Date



Roger Grothe
 Aloha Landscaping, Inc.
 P.O Box 17323
 Minneapolis, MN 55417
 612.598.3599
 www.alohalandscaping.com

July 21, 2026

Proposal

Bridgid Dowdal
 617 Park Avenue
 Mahtomedi, MN 55115

Re: Green Roof Pricing

Green Roof Work <i>Install 503 sf LiveRoof 4.25" deep system with edging and green roof drainage and protection layers. Pricing includes all materials, tax, shipping, and labor.</i>	Total
• <i>Install 503 sf LiveRoof Standard 4.25" deep tray with Sedum Mix</i> • <i>Install Black anodized aluminum edging along outside perimeter</i> • <i>Install Henry Rootbloc20 root barrier, Henry DB50 drainage mat, and 4 oz filter fabric under Liveroof tray system</i> • <i>Includes all Labor, Supervision and Lifting Equipment</i>	
Project Total	\$33,386.00

ITEMS REQUIRING BOARD ACTION

1. Jones Lake Restoration Project - Subconsultant (Jen Oknich)



MEMORANDUM

Rice Creek Watershed District

Date: August 4, 2026
To: RCWD Board of Managers
From: Jen Oknich, Project Manager
Subject: Jones Lake Restoration Project - Subconsultant

Introduction

This item proposes providing information DNR requested to consider permitting the Jones Lake Restoration Project. Specifically, authorizing Houston Engineering Inc. (HEI) to hire a subconsultant to assess the current biological conditions of Jones Lake.

The Jones Lake Restoration Project is a component of the Basic Water Management Plan (2013-01) crafted in response to the New Brighton, St. Anthony Village, and Roseville petition for flood control and water quality improvements. In response to the petition, RCWD crafted the Jones Lake Restoration Project to align with the Watershed Management Plan. The project meets our directives to seek opportunities to decrease the risk of flooding (F-1, F-2); and improve water quality by restoring ecosystems (WQ-4).

Background

An important component of project planning is an assessment of current conditions. Although a basic evaluation of conditions was completed in advance of the project's Environmental Assessment Worksheet (EAW), RCWD does not at this time have a detailed assessment of the biological conditions of Jones Lake that is sufficient for DNR's evaluation of a public waters work permit application. An accurate assessment allows RCWD several things:

- o Information to provide partner agencies in determining restoration permitting need;
- o A beginning point against which to measure our project success.

HEI is proposing to utilize a subconsultant (Critical Connections Ecological Services) to complete this work under HEI's existing task order with RCWD. Under HEI's contract terms with RCWD, RCWD must authorize subconsultants in advance of their use on a given project.

Staff Recommendation

To continue moving the Jones Lake Restoration Project forward, staff recommend the following proposed motion.

Proposed Motion

Manager_____ moves to accept Houston Engineering's proposed amendment to Task Order 2025-012, revised scope of work for the Jones Lake Final Design and Permitting (Jones Lake Restoration Project) and authorize engagement of Critical Connections Ecological Services as a subconsultant under the terms outline in the revised scope of work. Seconded by Manager_____.

Attachment

HEI Change in Scope of Services Memo

MEMO



CHANGE IN SCOPE OF SERVICES

From: Chris Otterness, PE
To: Nick Tomczik, RCWD
Subject: Jones Lake Final Design and Permitting
Date: August 4, 2026
Project No.: R005555-0366
Cc: File 5555-0366

Houston Engineering, Inc. (HEI) entered into a contractual agreement, Task Order 2025-012 to provide professional consulting services with the Rice Creek Watershed District (RCWD) related to Jones Lake Final Design and Permitting. The task order identifies various services to be performed in fulfillment of the contract, with an estimated compensation amount of **\$485,000**. The purpose of this memorandum is to amend the Scope of Services rendered by HEI under the Task Order.

Following permit application for a Public Waters Work Permit, Minnesota Department of Natural Resources (DNR) staff requested additional information to support the permit application, including detailed information regarding the existing ecology within the project area and proposed ecological restoration strategies. The level of detail requested by DNR was not envisioned within the scope of the Task Order and is best completed by a wetland ecology expert.

Critical Connections Ecological Services (CCES) has provided a scope of services and budget (in the form of a subconsultant agreement with HEI) for developing the additional detail requested by the DNR (see **Attachment A**). This subconsultant agreement is outside of the original scope. The cost of services estimated within the subconsultant agreement is **\$38,380**.

Due to a variety of factors, the work on this project to date has proceeded ahead of the previously anticipated budget. Therefore, HEI does not request a change in project budget at this time, with consideration to the aforementioned additional services. HEI will continue to bill RCWD for only the time and materials expended under this contract and will not exceed the total contract amount without authorization from the Board of Managers.

MEMO



SIGNATURES:

The professional services described by this Change in Scope of Services are being provided in accordance with the Professional Services Agreement between the Rice Creek Watershed District and Houston Engineering dated May 14, 2008, and as amended and extended. This **Change in Scope of Services** shall be effective **immediately** as authorized by the signatures of representatives of the Rice Creek Watershed District and Houston Engineering, Inc.

Rice Creek Watershed District

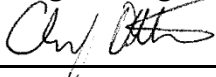
By: _____

Name: _____

Title: _____

Date: _____

Houston Engineering, Inc.

By:  _____

Name: Christopher C. Otterness, P.E.

Title: District Engineer

Date: August 4, 2026

SCOPE OF WORK AND BUDGET

Jones Lake Outlet Modification, Dredging, and Restoration Project

Ecological Restoration Narrative, Target Specifications, and DNR Coordination

Date:	May 28, 2026
Prepared for:	Chris Otterness, P.E. Houston Engineering, Inc. Maple Grove, Minnesota
Project sponsor:	Rice Creek Watershed District (RCWD) Nick Tomczik, Administrator
Prepared by:	Jason J. Husveth, Principal Ecologist Critical Connections Ecological Services, Inc. (CCES)

1. Background and Understanding

Critical Connections Ecological Services, Inc. (CCES) appreciates the opportunity to support Houston Engineering (HEI) and the Rice Creek Watershed District (RCWD) on the Jones Lake Outlet Modification, Dredging, and Restoration Project. We have reviewed the December 1, 2025 Environmental Assessment Worksheet (EAW) prepared by Houston Engineering and the January 22, 2026 comment letter from Melissa Collins, DNR Regional Environmental Assessment Ecologist. We have also reviewed the preliminary plan set.

The DNR comment letter raises seven concerns. The most consequential for our scope are:

- **Comment 1:** the magnitude of excavation lacks justification; the depth-of-refusal survey is not equivalent to soil borings; and the EAW's pre-settlement reference condition (based on a single 1957 aerial) is undermined by the 1940 Ramsey County aerial photograph, which DNR notes shows virtually no open water in Jones Lake, and by NWI mapping characterizing the basin as predominantly emergent wetland with shallow open water in the center. DNR also notes that late-1800s Ramsey County maps confirm Jones Lake existed as a mapped waterbody but do not depict depth or aquatic vegetation.
- **Comment 4:** the EAW claims the project will restore wetland function and enhance habitat quality without describing target hydrology or target vegetation. Without those targets, restoration success cannot be evaluated.
- **Comment 6:** any Public Waters Work Permit application will require a robust alternatives analysis demonstrating the chosen alternative is the minimum-impact solution.

Our recommended approach, reflected in the scope below, is to reframe the restoration narrative around plant community composition, structural diversity, hydrologic regime, and functional quality—the dimensions on which the historical record will support a restoration argument—rather than around the open-water-area extent the DNR has flagged as unsupportable. Under this reframe the project is a substantial restoration of a degraded urban wetland; it is simply not a restoration of an open-water

condition that the historical record does not clearly support. We believe this reframe gets the project to a defensible permit position.

Our scope addresses the four items included in an April 28 email from Chris Otterness (degradation narrative; restoration practices; long-term maintenance; two coordination meetings) and adds three items we believe are necessary to make the deliverables defensible against the specific DNR comments: a half-day site visit with rapid floristic assessment, a stand-alone response-to-DNR-comments memo, and explicit specification of target hydrology and target vegetation as the load-bearing elements of the restoration plan.

2. Scope of Work

Task 1. Site Visit and Rapid Floristic Assessment

Purpose. Establish defensible existing-condition documentation and ground-truth the desktop historical review. The DNR's January 22, 2026 comment letter (Comment 1) challenges the EAW's reliance on desktop evidence (a single 1957 aerial photo) for both the degradation argument and the pre-settlement reference condition. A site visit with documented relevé and meander survey provides the field evidence necessary to rebut that challenge and to establish a baseline for monitoring.

Activities:

- Site visit by Jason Husveth and one field ecologist to walk Jones Lake and the surrounding wetland margin, sediment forebay footprint, and outlet area.
- Rapid floristic assessment using a combination of relevé plots and meander survey methods, documenting dominant species, percent cover by stratum, presence of state-listed and watchlist taxa, and presence and extent of invasive species (*Typha × glauca*, *Phalaris arundinacea*, *Lythrum salicaria*, *Phragmites australis*, others as encountered).
- Computation of Floristic Quality Assessment metrics (Mean C, FQI, percent native cover, percent invasive cover) using the Minnesota FQA database.
- Photo documentation at established photo points to support the existing-condition narrative and to serve as Year 0 baseline for monitoring.
- Assist HEI, as needed, with desktop historical review of pre-1957 aerial photography (including the 1940 Ramsey County aerial cited by DNR), General Land Office (GLO) Public Land Survey notes, MnTopo / LiDAR, and Minnesota Biological Survey land type context for the Anoka Sand Plain subsection. HEI has arials (1957, 1953, 1947, 1945, 1940, 1938, 1937) incorporated into GIS and with MN Topo/LiDAR. CCES has access to public land survey notes and MNDNR Biological Survey and Natural Heritage Information System (NHIS, CCES License LA2025-037)
- Identification of Native Plant Community (NPC) reference analogs (likely Northern Mixed Cattail Marsh, MRn83; Northern Bulrush–Spikerush Marsh, MRn93; transitions to wet meadow MWn82) tied to the Anoka Sand Plain landscape and the basin's pre-settlement landscape position.

Task 2. Existing Conditions, Degradation Causes, and Reference Condition Memo

Purpose. Produce a stand-alone technical memorandum that documents the degraded condition of the Jones Lake wetland, identifies the proximate and ultimate causes of degradation, characterizes the ecological consequences at the local and watershed scale, and establishes a defensible reference condition for the restoration. This memo addresses HEI's scope item 1 and directly responds to DNR Comments 1 and 4.

Activities:

- Existing-condition narrative grounded in field observations, FQA results, and photographic documentation from Task 1.
- Causal analysis of degradation drivers: pre-BMP urbanization of the RCD 2 subwatershed, decades of unattenuated stormwater delivery, sediment accretion, internal phosphorus loading from organic post-settlement sediment, hybrid cattail (*Typha × glauca*) colonization and resulting monodominance, and loss of water-level management capability associated with the failing 1983 outlet weir.
- Reference-condition statement referencing NPC analogs, GLO/PLS evidence, pre-1957 aerial photography, and the Minnesota Biological Survey land type context. The reference condition will explicitly address the historical record cited by DNR (1940 aerial, late 1800s mapping) and frame the restoration target around plant community composition, structural diversity, hydrologic regime, and functional quality—not around an open-water area extent the historical record does not clearly support.
- Discussion of how monodominant *Typha × glauca* drives the 303(d) Aquatic Life impairment (both the benthic macroinvertebrate and aquatic plant bioassessment metrics), why the EAW's NLCD-based cover-type table (Table 3) is too coarse to capture functional degradation, and why a project that does not change cover-type acreage can nevertheless constitute a substantial wetland restoration in the Cowardin, Circular 39, and NPC frameworks.
- Explicit linkage to Minn. R. 6115.0201, subp. 3 (3) (sediment removal to eliminate a source of nutrients/contaminants) as the permissible public-purpose pathway under the rule, supported by the internal phosphorus loading mechanism.

Task 3. Restoration Plan with Target Hydrology and Target Vegetation

Purpose. Produce a stand-alone restoration plan that specifies the target plant community by zone, the target hydroperiod and water-level regime, the target floristic quality metrics, and the practices required to achieve those targets. This task addresses HEI's scope item 2 and directly responds to DNR Comment 4 ("The EAW does not describe the target hydrology and target vegetation for the proposed restoration.").

Activities:

- Target plant community specification by elevation zone, keyed to the proposed post-construction bathymetry (the 889.0 / 891.5 / 891.7 ft NAVD88 elevation breaks): submergent / open-water zone, emergent zone, sedge-meadow / wet-meadow fringe, and upland-buffer transition. Each zone is identified to NPC analog, with target species composition, target percent cover by stratum, and target Mean C / FQI metrics. HEI shall provide CCES with background mapping for this & current/proposed contours

- Target hydroperiod specification: seasonal water-level regime required to support the target plant communities and to discourage *Typha × glauca* re-establishment. CCES will provide the ecological hydroperiod specification; Houston Engineering will retain responsibility for demonstrating, through hydrologic modeling, that the proposed outlet structure can deliver that regime across a range of storm events (responsive to DNR Comment 2). HEI shall confirm with CCES and MNDNR the target hydroperiod specification and verify the hydrologic design model based on these specifications.
- Pre-construction invasive species control sequencing: herbicide treatment of *Typha × glauca* (and other invasives encountered in Task 1) ahead of dredging to reduce the rhizome and seed bank in the spoils, with biomass removal where feasible.
- Seed mix selection and specification: identification of appropriate BWSR State Mixes by zone (e.g., 34-262 wet meadow, 34-171 emergent, 33-261 stormwater south & west) tailored to the Anoka Sand Plain ecological subsection and the substrate conditions expected post-dredge. HEI will lead on this subtask and CCES will review and approve all native seed mixes. MNDOT seed mixes should not be specified, as these do not generally meet the MNDNR's approval.
- Live plant material specification: plug and rhizome installation for emergent species (*Schoenoplectus acutus*, *S. tabernaemontani*, *Sagittaria latifolia*, *Sparganium eurycarpum*, *Pontederia cordata*, others) to establish cover in advance of cattail re-invasion. Specification includes species, container size, planting density, and planting zones. Live plant material will only be specified if needed; native seeding is the preferred method for native vegetation establishment and restoration.
- Substrate considerations: discussion of seeding and planting into dredged organic substrate vs. exposed mineral substrate and recommendations for soil amendment, hydromulch selection (excluding synthetic-fiber products per DNR Blanding's turtle guidance), and erosion control sequencing. HEI will lead on this subtask and CCES will review and comment on final substrate specifications.
- Herbivory protection: goose and muskrat exclusion / deterrence recommendations for emergent plantings during establishment.
- Specification of CCES inputs to a robust alternatives analysis (responsive to DNR Comment 6): identification of which alternatives best meet the restoration objectives. Engineering and hydraulic alternatives remain Houston Engineering's responsibility.
- Coordination with Houston Engineering on integration of CCES restoration plan content into the project plan set (replacing the current preliminary restoration sheet).

Task 4. Long-Term Maintenance, Monitoring, and Adaptive Management Plan

Purpose. Produce a stand-alone maintenance and monitoring plan that establishes success criteria, monitoring methods and schedule, adaptive-management triggers and responses, long-term operations and maintenance commitments, and reporting cadence. This task addresses HEI's scope item 3 and is essential to making the restoration claim auditable rather than aspirational.

Activities:

- Vegetation establishment success criteria by zone, tied to the target community specifications in Task 3 (target percent native cover, target Mean C / FQI thresholds, maximum allowable invasive cover, by Year 1, Year 3, Year 5, and Year 10 milestones).
- Monitoring methods and schedule: annual vegetation monitoring during Years 0–3 transitioning to less-frequent monitoring through Year 10. Monitoring includes permanent transects, photo points, relevé plots, and FQA assessment and recalculation. Includes specifications for personnel qualifications and data deliverables.
- Adaptive management triggers and response actions: defined thresholds (e.g., resurgent *Typha × glauca* exceeding X percent cover, native cover below Y percent at a given year) and the corresponding management responses (spot herbicide treatment with seasonal timing, supplemental seeding, replanting, drawdown, or escalation to design review).
- Long-term invasive species management: ongoing spot-treatment regime for *Typha × glauca*, *Phalaris arundinacea*, *Lythrum salicaria*, and *Phragmites australis*, with seasonal application windows and applicator qualifications.
- Forebay sediment management: recommended sediment removal interval and inspection schedule to protect the in-basin investment.
- Herbivory response triggers and actions for goose and muskrat impacts.
- Operations and maintenance responsibility assignment, funding mechanism, and reporting cadence to DNR. CCES will provide the technical specifications; assignment of long-term responsibility and funding is RCWD's decision.
- Recommended Declaration of Restrictive Covenants or equivalent durability mechanism, if appropriate to the project structure.
- HEI will provide forebay sediment and outlet operations/maintenance (including funding). CCES to provide recommendations on invasive species control and goose/muskrat impacts.

Task 5. Response-to-DNR-Comments Memo

Purpose. Produce a concise memo that walks through the seven DNR comments dated January 22, 2026 and provides CCES's technical response to those that fall within the ecological scope. This memo serves as the discussion document for the coordination meetings (Task 6) and as an input to the eventual Findings of Fact / Record of Decision response and to the Public Waters Work Permit application narrative. HEI will serve as the lead author of the Task 5 narrative; CCES will review, comment, and assist HEI with finalizing this document.

Activities:

- Direct response to DNR Comment 1 (excavation magnitude and pre-settlement framing): integration of Task 1 historical review and Task 2 reference-condition statement, with explicit discussion of the 1940 aerial evidence and the reframing of the restoration target around

community composition and functional quality. Specification of sediment chemistry parameters needed to support the Minn. R. 6115.0201 subp. 3 (3) public purpose pathway (Houston Engineering performs the lab work).

- Direct response to DNR Comment 4 (target hydrology and target vegetation): cross-reference to the Task 3 restoration plan.
- Ecological dimensions of response to DNR Comment 6 (alternatives analysis): identification of which engineering alternatives best meet ecological restoration objectives.
- Quick correction supporting response to DNR Comment 7 (Table 14 rare-species count and rusty patched bumble bee uplisting to state-endangered).
- Comments 2 (storm bounce / hydrology), 3 (quantified flood-risk reduction), and 5 (special commissioner approval threshold) are Houston Engineering's to address; the CCES memo will identify the ecological hydroperiod requirements that should bound Houston's hydrologic analysis.

Task 6. Coordination Meetings with DNR and RCWD (Two)

Purpose. Two in-person or virtual meetings with DNR Ecological and Water Resources staff (Melissa Collins and any additional DNR participants) and RCWD staff to discuss the CCES findings, align on the restoration target, and confirm the path forward into the Public Waters Work Permit application.

Activities:

- Meeting 1: Walk through the degradation narrative, reference-condition statement, and target hydrology / target vegetation framework. Objective: secure DNR alignment on what restoration success looks like before finalizing the restoration plan.
- Meeting 2: Walk through the restoration plan, the long-term maintenance and monitoring plan, and the response-to-DNR-comments memo against the targets agreed in Meeting 1. Objective: confirm the path forward into the Public Waters Work Permit application.
- Pre-meeting preparation, agenda development in coordination with RCWD and Houston Engineering, and post-meeting follow-up notes documenting commitments and action items.

Task 7. Project Management and Coordination

Purpose. Overall project management, schedule and budget tracking, internal QA/QC of CCES deliverables, and ongoing coordination with Houston Engineering and RCWD throughout the project duration.

Activities:

- Coordination with Chris Otterness and/or Christina Traner (Houston Engineering) and Nick Tomczik (RCWD) by phone and email throughout the project.
- Internal QA/QC of all CCES deliverables prior to submittal.
- Budget and schedule tracking; monthly progress updates.

3. Deliverables

CCES will provide the following deliverables in PDF and editable Word format:

- Existing Conditions, Degradation Causes, and Reference Condition Memorandum (Task 2 deliverable, approximately 12–18 pages plus figures and appendices including FQA results, photo documentation, and historical review materials).
- Restoration Plan with Target Hydrology and Target Vegetation (Task 3 deliverable, approximately 18–25 pages plus figures and appendices including planting schedules, seed mix specifications, and zonation diagrams).
- Long-Term Maintenance, Monitoring, and Adaptive Management Plan (Task 4 deliverable, approximately 10–15 pages plus monitoring data sheet templates).
- Response-to-DNR-Comments Memorandum (Task 5 deliverable, approximately 5–8 pages).
- Meeting agendas, presentation materials, and follow-up notes for two coordination meetings (Task 6).
- Redline edits to the existing preliminary restoration sheet in the project plan set, reflecting the final restoration plan content.

4. Schedule

Assuming notice to proceed in May 2026, CCES proposes the following schedule. The schedule is responsive to the project's Summer/Fall 2026 desired construction start identified in Section 6 of the EAW and to the Spring 2026 USACE / WCA / DNR Public Waters Permit application target.

Milestone	Target Completion
Notice to proceed	Week of June 3, 2026
Site visit and rapid floristic assessment (Task 1)	Within 3 weeks of NTP
Draft Existing Conditions / Reference Condition Memo (Task 2)	Within 6 weeks of NTP
Coordination Meeting 1 with DNR / RCWD	Within 8 weeks of NTP
Draft Restoration Plan (Task 3) and Maintenance Plan (Task 4)	Within 12 weeks of NTP
Response-to-DNR-Comments Memo (Task 5)	Concurrent with Tasks 3 and 4
Coordination Meeting 2 with DNR / RCWD	Within 14 weeks of NTP
Final deliverables (all tasks)	Within 16 weeks of NTP

5. Budget

CCES proposes the following not-to-exceed budget. Work will be billed monthly on a time-and-materials basis at the rates shown. CCES will not exceed the not-to-exceed total without prior written authorization.

Staff and Rates

Initials	Staff and Role	Hourly Rate
JH	Jason Husveth, Principal Ecologist (project lead, technical content, field lead, DNR coordination)	\$235/hr
AH	Amy Husveth, Restoration Ecologist (lead author of all written deliverables)	\$215/hr
KB	Kelly Bopray, Soil Scientist and Wetland Specialist (substrate and soil review)	\$185/hr
FE	Field Ecologist (field assistance, data entry support; not regularly scheduled)	\$150/hr

Budget by Task

Task	Description	JH hrs	AH hrs	KB hrs	FE hrs	Cost
1	Site Visit and Rapid Floristic Assessment	20	2	—	8	\$6,330
2	Existing Conditions, Degradation Causes, and Reference Condition Memo	12	16	—	—	\$6,260
3	Restoration Plan with Target Hydrology and Target Vegetation	18	24	4	—	\$10,130
4	Long-Term Maintenance, Monitoring, and Adaptive Management Plan	8	14	—	—	\$4,890
5	Response-to-DNR-Comments Memo	6	8	—	—	\$3,130
6	Coordination Meetings with DNR and RCWD (Two)	10	8	—	—	\$4,070
7	Project Management and Coordination	8	6	—	—	\$3,170
Subtotal labor		82	78	4	8	\$37,980
Direct expenses (mileage, lodging if needed, printing)						\$400
NOT-TO-EXCEED TOTAL						\$38,380

6. Assumptions and Exclusions

This proposal is based on the following assumptions:

- Houston Engineering retains responsibility for the engineering and hydraulic dimensions of the project, including hydrologic and hydraulic modeling across a range of storm events (DNR Comment 2), quantification of flood-risk reduction benefits (DNR Comment 3), the engineering alternatives analysis (DNR Comment 6), processing of the Minn. R. 6120.5700 subp. 4(A) special commissioner's approval (DNR Comment 5), and integration of CCES restoration content into the final plan set.
- RCWD will provide CCES with site access for the Task 1 site visit and will coordinate any necessary access with adjacent landowners.
- Houston Engineering will provide CCES with current GIS data, the project plan set in editable format, and any project-specific hydrologic modeling outputs needed to coordinate target hydrology specification (Task 3) with the proposed outlet design.
- The two coordination meetings (Task 6) will be virtual or held in the Twin Cities metropolitan area. Travel beyond the metropolitan area is not included.
- The Field Ecologist hours (Task 1) reflect a single field assistant for one half-day field visit. Additional field days, if needed, will be authorized in writing as a contract amendment.
- Production of the Public Waters Work Permit application narrative, the Findings of Fact / Record of Decision response, and the formal alternatives analysis are not included in this scope. CCES deliverables will be structured to be directly usable as inputs to those subsequent documents.
- Long-term post-construction monitoring implementation (i.e., performing the Year 1–Year 10 monitoring specified in Task 4) is not included in this scope and would be authorized separately.

7. Authorization

To authorize this scope of work, please sign below and return one copy to CCES. We are available to discuss any modifications to the scope, schedule, or budget. Thank you for the opportunity to support this project.

Proposed by:

Authorized by:

Jason J. Husveth

Principal Ecologist

Critical Connections Ecological Services, Inc.

Chris Otterness, P.E.

Houston Engineering, Inc.

(on behalf of Rice Creek Watershed District)

Date: _____

Date: _____

ITEMS REQUIRING BOARD ACTION

2. Anoka County Ditch 46 – Petition for the Partial Abandonment of Branch #5 (Tom Schmidt, Patrick Hughes)



MEMORANDUM

Rice Creek Watershed District

Date: August 3, 2026
To: RCWD Board of Managers
From: Tom Schmidt, Drainage & Facilities Manager
Subject: Anoka County Ditch 46 - Petition for the Partial Abandonment of Branch #5

Introduction

Rice Creek Watershed District (RCWD), as the Drainage Authority for Anoka County Ditch-46 (ACD-46), has received a petition to partially abandon ACD-46, Branch # 5. The procedural steps are for the Board to consider and accept the petition and appoint its engineer to review and file a report.

Background

On July 10, 2026, the District, as Public Drainage Authority, received a petition from Lake Drive Properties, L.P, (co-Petitioner) and Jake Jensen (co-Petitioner), to abandon & realign portions of ACD-46 Branch #5.

The Petitioners are planning to restore a wetland within the property owned by Lake Drive Properties, L.P. The District's Legal Counsel has reviewed the petition and has deemed it complete. The Petitioners have submitted the required financial security in accordance with District policy.

Staff Recommendation

Staff recommends adoption of Resolution 2026-09.

Proposed Motion

Manager _____ moves to adopt Resolution 2026-09, accepting the petition and directing the District Engineer to review and file a report with the Board. Seconded by Manager _____.

Attachments

- 07/10/26 Signed Petition for Partial Abandonment of ACD-46 Branch #5
- Resolution 2026-09



Stantec Consulting Services Inc.
733 Marquette Avenue Suite 1000, Minneapolis MN 55402-2309

July 10, 2026

File: 193806943

Attention: Public Ditch Authority
c/o Patrick Hughes, Rice Creek Watershed District
4325 Pheasant Ridge Drive
Blaine, MN 55449

Reference: Potomac Wetland Bank Petition for Partial Abandonment of Branch 5 of County Ditch
46

Dear Mr. Hughs:

With this letter and supporting documentation, Jake Jensen the petitioner and property owner formally petitions the Rice Creek Watershed District (RCWD) as the drainage authority for drainage ditch systems, for permission to partially abandon the upstream portion of Branch 5 of Ditch 46 (See Attached Figure 1). This petition is made pursuant to Minnesota Statutes, Section 103E and RCWD Rule I.

Background

The request is made to accommodate the restoration of the wetland within the petitioner's property. This is being done for the purposes of developing a Wetland Bank on the property. A wetland bank application has been through agency review and partial abandonment of the upstream end of Branch 5 of Ditch 46 is one of the requirements before the application can be approved.

Existing Conditions

The upstream end of Branch 5 of Ditch 46 terminates in a wetland that is located within the project site and property (Figure 1). It is located on Anoka County Parcel Identification Numbers 21-32-22-41-0001, 21-32-22-43-0001, and 21-32-22-42-0001 in Section 21, Township 32 North Range 21 West. These parcels are owned by the Wetland Bank Sponsor and petitioner for this abandonment.

The Potomac Wetland Bank project is located in Rice Creek Watershed District (RCWD) and will restore historic wetland areas within the project site by impounding approximately 2,250 feet of Anoka County Ditch 46, Branch 5 at its most upstream end. The project site is located at the headwaters to Branch 5, which begins at a low-lying wetland area at the far south end of the site, within the proposed Bank Site easement boundary. There are also low-lying areas east and west of Branch 5 at the north end of the site that are drained via swale into the ditch. Branch 5 has four (4)

Design with community in mind



July 10, 2026
 Public Ditch Authority
 c/o Patrick Hughes, Rice Creek Watershed District
 4325 Pheasant Ridge Drive
 Blaine, MN 55449

Page 2 of 7

outflow points within the project area, including the primary ditch outlet at a 36" CMP culvert at 153rd Ave NE and three "overflow" locations. One of the overflows occurs at a roadside ditch east of the site and two occur at low points along the southernmost end of Branch 5 (see attached Outfall Locations Map, Figure 2).

The existing Potomac Bank Site receives drainage from 91.7 acres (0.14 square miles) of primarily row crop agricultural land cover, with small areas of forested land along its southerly boundary. Existing drainage is directed towards Anoka County Ditch 46, Branch 5 (Branch 5) running south to north through the center of the site. Existing drainage is conveyed to Branch 5 via four smaller "feeder" ditches on the site, as well as an existing culvert under Potomac St NE collecting drainage from a single residential lot east of the roadway. The mainline of Branch 5 is conveyed through a 24" CMP field road crossing in the center of the site before reaching the 36" project site outlet culvert. Existing drainage conditions are depicted on the attached Existing Conditions Drainage Map (Figure 3). Existing site hydraulics are summarized in Tables 1 and 2, below.

Table 1: Existing Ditch System High-Water Levels (HWLs)

Location	Description	XP Node	HWL (ft)			
			2yr	10yr	25yr	100yr
Mainline Ditch	153rd Ave Culvert (Primary Outfall)	AC46B5_005	900.14	900.84	901.09	901.50
	Ditch (Site 1A)	AC46B5_006	900.15	900.84	901.09	901.50
	Ditch (Site 1A)	AC46B5_007.1	900.16	900.85	901.09	901.48
	Ditch (Site 1A)	AC46B5_007.2	900.17	900.86	901.10	901.48
	24" Field Road Culvert Outlet	AC46B5_008	900.18	900.86	901.10	901.49
	24" Field Road Culvert Inlet	AC46B5_009	900.83	901.41	901.65	901.91
	Ditch (Site 1B)	AC46B5_010	900.83	901.41	901.65	901.91
	Ditch (Site 1B)	AC46B5_011	900.83	901.41	901.65	901.91
	Ditch (Site 1B)	AC46B5_012.1	900.83	901.41	901.65	901.91
	Ditch (Site 1B)	AC46B5_012.2	900.83	901.41	901.65	901.91
	Ditch (Site 1B)	AC46B5_013.1	900.83	901.41	901.65	901.91
	Ditch Headwater Wetland (Site 1C)	AC46B5_014.1	900.83	901.41	901.65	901.88
Feeder Ditch	Ditch #4 (Site 1A)	AC46B5_007.3	902.16	902.21	902.23	902.27
Upland Low Areas	Site 4	AC46B5_006.3A	902.40	902.45	902.49	902.54
	Site 2	AC46B5_006.3B	900.34	901.12	901.31	901.66



July 10, 2026

Public Ditch Authority

c/o Patrick Hughes, Rice Creek Watershed District

4325 Pheasant Ridge Drive

Blaine, MN 55449

Page 3 of 7

	Site 3	AC46B5_010.3	902.45	902.62	902.72	902.88
	Site 5	AC46B5_012.4	902.19	902.44	902.60	902.83
Offsite Areas	Potomac St NE Culvert Outlet	AC46B5_007.4	902.79	902.99	903.08	903.19
	Potomac St NE Culvert Inlet	AC46B5_007.5	902.84	903.07	903.18	903.32

Table 2: Site Outfalls and Existing Discharge Rates

Name	Type	Elevation (ft)	Discharge Rate (cfs)			
			2yr	10yr	25yr	100yr
Outfall 1	Primary	896.53	29.9	36.3	37.5	38.8
Outfall 2	Secondary Overflow	902.84	0.0	0.8	1.9	4.1
Outfall 3A	Secondary Overflow	901.27	0.0	0.1	1.4	5.2
Outfall 3B	Secondary Overflow	901.39	0.0	0.0	3.6	19.0

Proposed Conditions

Wetland hydrology will be re-established in the project area through partial filling and/or impoundment of the onsite feeder ditches via ditch blocks, filling of Branch 5 and construction of an armored spillway at the primary site outfall culvert, and construction of a separating berm at the south end of the project site (see attached Credit Allocation and Proposed Community Map - Figure 4). Additionally, a new field road/driveway is proposed along the south edge of Wetland Site 3 to provide access to upland areas outside of the proposed wetland easement and will also serve as a barrier between wetland HWLs and an adjacent property to the southeast. The proposed activities will foster wetland hydrology by mitigating the lateral scope and effect of the current drainage ditch system and will lead to the creation of six (6) distinct wetland basins, which are summarized in Table 3 below. Proposed site modeling results for HWL and peak discharge rate are summarized in Table 4 and 5 below and the proposed drainage map is provided as Figure 5.

Table 3: Proposed Wetland Basins/Sites

Wetland Basin	XPSWMM Node	Direct Drainage Area (ac)	Total Drainage Area (ac)	Outlet Elevation (ft)
Site 1A	AC46B5_005.W	25.4	77.3	901.5
Site 1B	AC46B5_009	29.6	43.0	902.0

Design with community in mind



July 10, 2026

Public Ditch Authority

c/o Patrick Hughes, Rice Creek Watershed District
4325 Pheasant Ridge Drive
Blaine, MN 55449

Page 4 of 7

Site 1C	AC46B5_014.1	14.3	14.3	901.3
Site 2	AC46B5_006.3B	7.5	7.5	903.0
Site 3	AC46B5_010.3	9.1	9.1	902.5
Site 4	AC46B5_006.3A	1.4	1.4	903.0
Site 5	AC46B5_012.4	4.3	4.3	905.0

Table 4: Proposed Potomac Bank Site High-Water Levels (HWLs)

Location	Description	XP Node	HWL (ft)			
			2yr	10yr	25yr	100yr
Mainline Ditch	153rd Ave NE Culvert (Primary Outfall)	AC46B5_005	899.27	899.62	900.53	902.82
	Primary Outlet Spillway	AC46B5_005.W	901.66	901.75	901.81	902.96
	Ditch (Site 1A)	AC46B5_006.1	901.77	901.93	902.07	902.70
	Ditch (Site 1A)	AC46B5_006.2	901.95	902.20	902.39	902.73
	Ditch (Site 1A)	AC46B5_007.1	901.95	902.20	902.39	902.73
	Ditch (Site 1A)	AC46B5_007.2	901.95	902.20	902.39	902.73
	24" Field Road Culvert Outlet	AC46B5_008	902.08	902.21	902.39	902.73
	24" Field Road Culvert Inlet	AC46B5_009	902.34	902.53	902.66	902.85
	Ditch (Site 1B)	AC46B5_011	902.34	902.53	902.66	902.86
	Ditch (Site 1B)	AC46B5_012.1	902.34	902.53	902.66	902.86
	Ditch (Site 1B)	AC46B5_012.2	902.34	902.53	902.67	902.86
	Ditch (Site 1B)	AC46B5_013.1	902.34	902.53	902.67	902.86
	Ditch Headwater Wetland (Site 1C)	AC46B5_014.1	901.63	901.77	901.86	902.00
Feeder Ditch	Ditch #4 (Site 1A)	AC46B5_007.3	902.40	902.52	902.58	902.73
	Ditch (Site 3 Outlet)	AC46B5_010.2A	902.35	902.57	902.70	902.91
	Ditch #1 (Site 5 Outlet)	AC46B5_012.3	903.00	903.29	903.58	904.02
Upland Low Areas	Site 4	AC46B5_006.3A	903.08	903.14	903.17	903.21
	Site 2	AC46B5_006.3B	902.94	903.09	903.17	903.31
	Site 3	AC46B5_010.3	902.63	902.70	902.74	902.91
	Site 5	AC46B5_012.4	904.99	905.15	905.26	905.46
Offsite Areas	Potomac St NE Culvert Outlet	AC46B5_007.4	902.85	903.05	903.13	903.22
	Potomac St NE Culvert Inlet	AC46B5_007.5	902.89	903.12	903.21	903.33



July 10, 2026

Public Ditch Authority

c/o Patrick Hughes, Rice Creek Watershed District

4325 Pheasant Ridge Drive

Blaine, MN 55449

Page 5 of 7

Model results show increases in proposed HWLs along the mainline and feeder ditches of ACD46 Branch 5 at nodes within the proposed wetland easement (Sites 1A-1C), as well as at proposed upland area wetland pools (Sites 2-5). The modeled increases in HWL are contained entirely within the proposed project site parcels and will not impact adjacent structures or properties. Negligible increases in HWL of 0.06 feet or less are shown at offsite culverts to the east (Nodes 007.4-007.5), with 100-year event being less than 0.01 feet.

Table 5: Site Outfalls and Proposed Discharge Rates

Name	Type	Elevation (ft)	Discharge Rate (cfs)			
			2yr	10yr	25yr	100yr
Outfall 1	Primary	896.53	13.9	17.0	23.8	47.3
Outfall 2	Secondary Overflow	902.84	0.0	1.2	2.3	4.3
Outfall 3A	Secondary Overflow	901.27	1.3	3.1	4.7	8.1
Outfall 3B	Secondary Overflow	901.39	0.5	1.6	2.7	5.3

Modeling results show that peak discharge rate from the primary site outfall at 153rd Ave NE will be reduced for the 2-year, 10-year, and 25-year storm events, but will increase by 8.5 cfs for the 100-year event. This increased rate translates to a 0.1-foot increase in 100-year WSEL in ACD46, Branch 5 downstream of the existing 153rd Ave NE culvert down to its confluence with ACD46 Main Trunk, approximately 1,200 lineal feet downstream. This increase in downstream 100-year WSEL is contained within the existing downstream ditch channel and will not adversely impact downstream buildings, roadway crossings, or adjacent properties. Additionally, modeling results show negligible increase in secondary overflow to the east from Outfall 2 (0.2-0.4 cfs), and significant decrease in 100-year overflow to the south from Outfall 3A/3B (-10.8 cfs).

Proposed ponding elevations and corresponding volumes are given in Table 6, below. Note that stage-storage information was not developed or utilized for XPSWMM modeling of the two mainline ditch wetland basins (1A and 1B), which were modeled using natural channel links modified to match



July 10, 2026

Public Ditch Authority

c/o Patrick Hughes, Rice Creek Watershed District
4325 Pheasant Ridge Drive
Blaine, MN 55449

Page 6 of 7

proposed grading conditions. For proposed conditions, a starting water level equal to each basins' respective outlet was modeled.

Table6: Modeled Stage-Storage Data

Ponding Elevation (ft)	Surface Area (ac)	Volume (ac-ft)
Site 1C (AC46B5_014.1)		
899.0	0.001	0.000
900.5	0.010	0.008
901.0	0.465	0.127
901.5	1.447	0.605
902.0	2.827	1.673
903.0	2.827	4.500
Site 2 (AC46B5_006.3B)		
901.0	0.051	0.000
902.0	0.369	0.210
903.0	2.412	1.601
904.0	4.804	5.209
Site 3 (AC46B5_010.3)		
902.0	0.000	0.000
902.5	1.245	0.311
903.0	3.539	1.507
903.5	5.140	3.677
Site 4 (AC46B5_006.3A)		
902.3	0.001	0.000
902.5	0.039	0.005
903.0	0.349	0.102
903.5	0.714	0.367
Site 5 (AC46B5_012.4)		
904.0	0.132	0.000
905.0	0.852	0.492



July 10, 2026

Public Ditch Authority

c/o Patrick Hughes, Rice Creek Watershed District
4325 Pheasant Ridge Drive
Blaine, MN 55449

Page 7 of 8

905.5	1.265	1.021
906.0	1.701	1.763

In summary, no adverse upstream or downstream impacts are expected as a result of the proposed wetland bank project because ponded HWLs stay within the proposed easement boundary or discharge at current site outfalls, and proposed peak outflows are safely managed by in-place stormwater conveyance infrastructure.

Funding

Petitioner will provide 100% funding for design, construction, and oversight costs associated with the project. Petitioner is not requesting any funding from the RCWD or other public entities for this project.

Terms of Funds

The following language in the petition served as the "terms" of the funds. This is taken directly from state statute.

1. Accompanying this petition is the Petitioner's escrow deposit of \$10,000. Petitioner acknowledges and agrees that additional deposit may be required as additional costs are incurred in the proceedings. Petitioner agrees to pay all cost and expenses that may be incurred if the proceedings are dismissed.
2. Petitioner acknowledges that the costs incurred before the proposed drainage system modification is established may not exceed the amount of the Petitioner's deposit.
3. Petitioner acknowledges that a claim for expenses greater than the amount of the deposit may not be paid unless an additional deposit is filed.
4. Petitioner acknowledges that if the drainage authority determines that the cost of the proceedings will be greater than the Petitioner's deposit before the proposed drainage system modification is established, the drainage authority must require an additional deposit to cover all cost to be filed within a prescribed time.
5. Petitioner acknowledges that the proceeding will be stopped until the additional deposit prescribed by the drainage authority is filed.
6. Petitioner acknowledges that if the additional deposit is not filed within the time prescribed, the proceedings must be dismissed.
7. Petitioner acknowledges that the cost of the Rice Creek Watershed District in the proceeding will be paid from the deposit.



July 10, 2026
Public Ditch Authority
c/o Patrick Hughes, Rice Creek Watershed District
4325 Pheasant Ridge Drive
Blaine, MN 55449

Page 8 of 8

Maintenance

The abandoned portion of the ditch within the project site will not require maintenance.

Request

We request that the RCWD set a time and location for a public hearing on this petition and give notice of the hearing by mail to owners of all property benefiting by the drainage system either in a newspaper of general circulation within the affected drainage area or by publication on the RCWD web site pursuant to Minnesota Statutes, Section 103E.806.

Please contact me at (651) 775-5104 or john.smyth@statnec.com if you have any questions or require additional information.

Sincerely,

STANTEC CONSULTING SERVICES INC.

John Smyth, CWD
Senior Associate

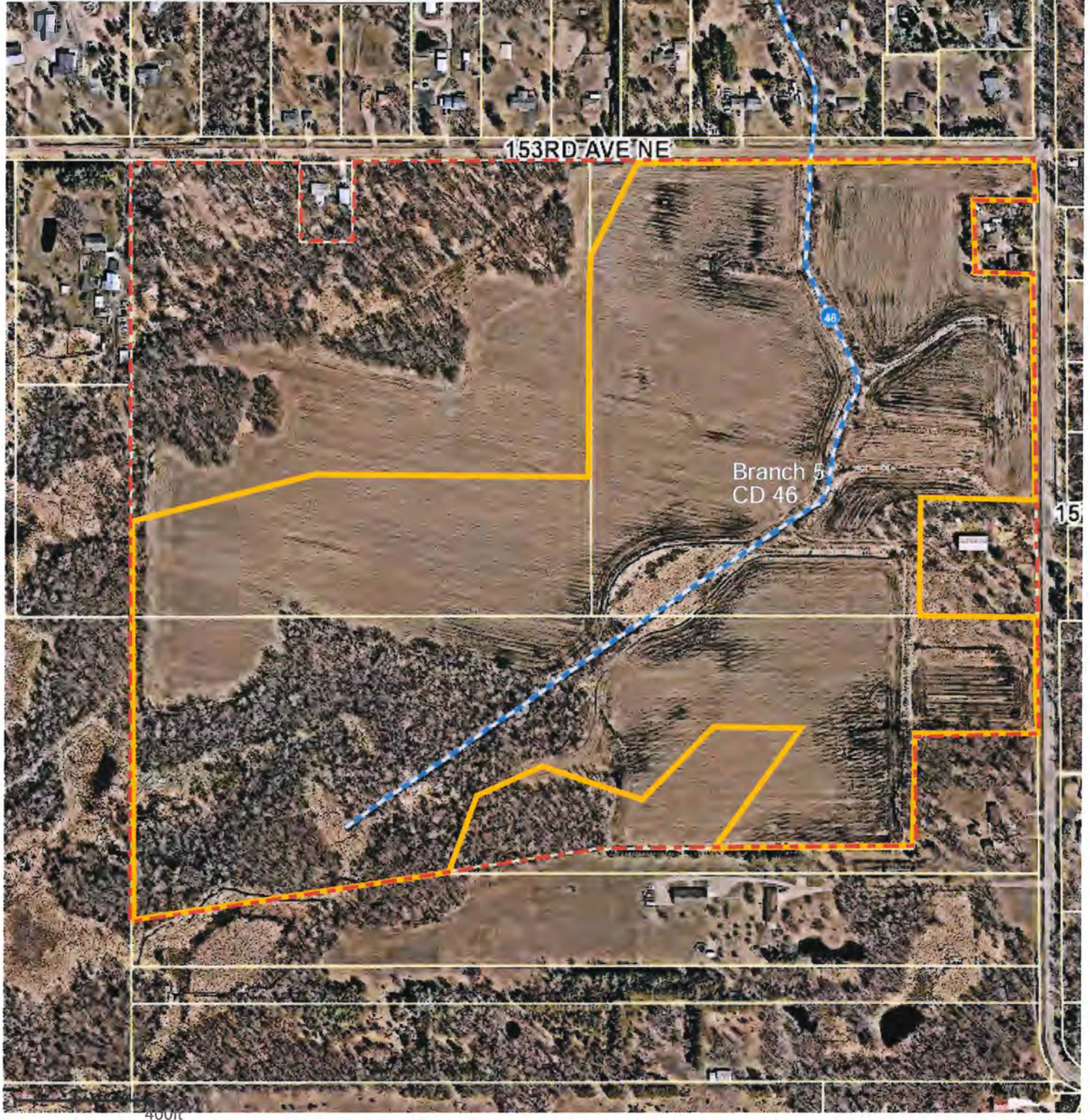
PETITIONER AND PROPERTY OWNER

Jake Jensen



Potomac Wetland Bank
Branch 5 County Ditch 46
Client: Jake Jensen

Figure 1. Project Location



546,804.799 176,533.837 Feet

- Project Boundary
- Wetland Bank Sponsor Parcels

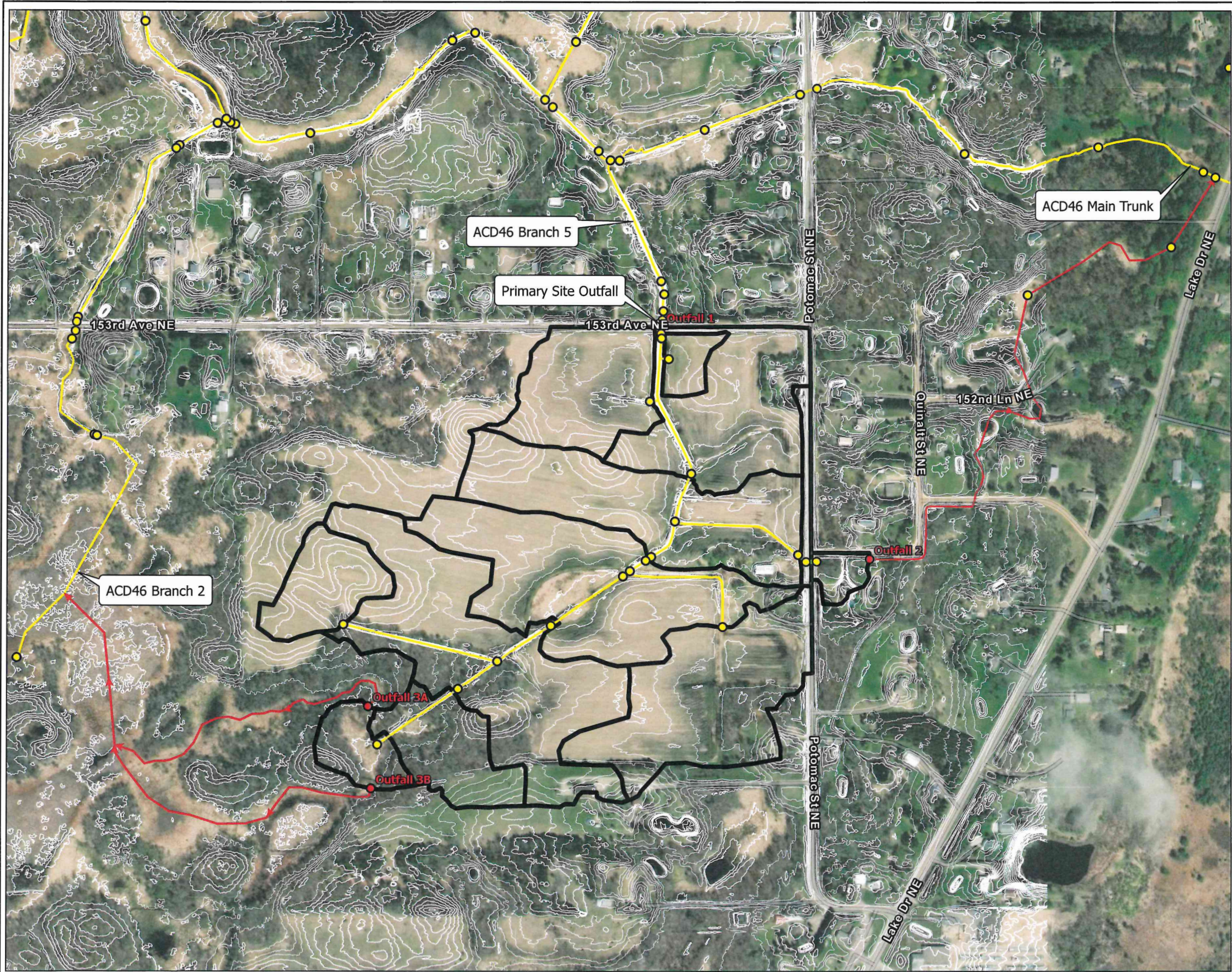


Figure No.

2

Title

Potomac Wetland Bank Outfall Locations Map

Client/Project

193806943

Project Location

Prepared by AJN on 2026-04-13

Forest Lake, MN



1244 Feet
(At original document size of 11x17)
1:5,400

Legend

- Drainage Area
- XPSWMM Link
- XPSWMM Node
- Culvert
- Overflow Route
- Overflow Point
- 1-ft LiDAR Contour

Notes

1. Coordinate System: NAD 1983 HARN Adj MN Anoka Feet
2. Data Sources:
3. Background:



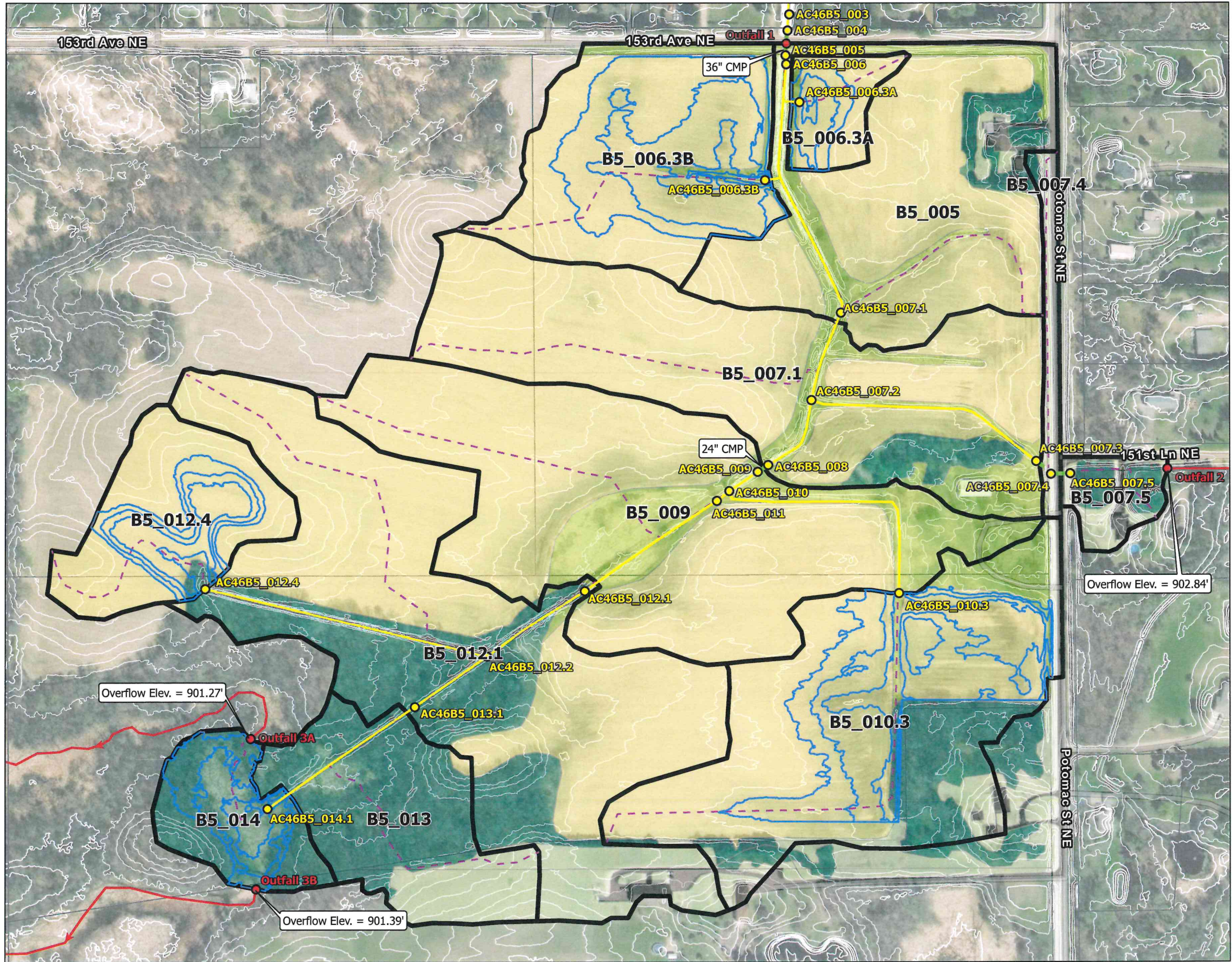
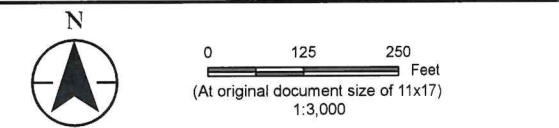


Figure No.
3
Title
**Potomac Wetland Bank
Existing Drainage Map**
Client/Project
193806943

Project Location
Forest Lake, MN
Prepared by AJN on 2026-04-13



- Legend**
- Parcels
 - Drainage Area
 - Storage
 - Culvert
 - XPSWMM Link
 - XPSWMM Node
 - Overflow Route
 - Overflow Point
 - Time of Concentration Line
 - 1-ft LiDAR Contour
- Existing Land Cover**
- Row Crop
 - Turf Grass
 - Woods/Grass
 - Woods
 - Impervious

Notes
1. Coordinate System: NAD 1983 HARN Adj MN Anoka Feet
2. Data Sources:
3. Background:



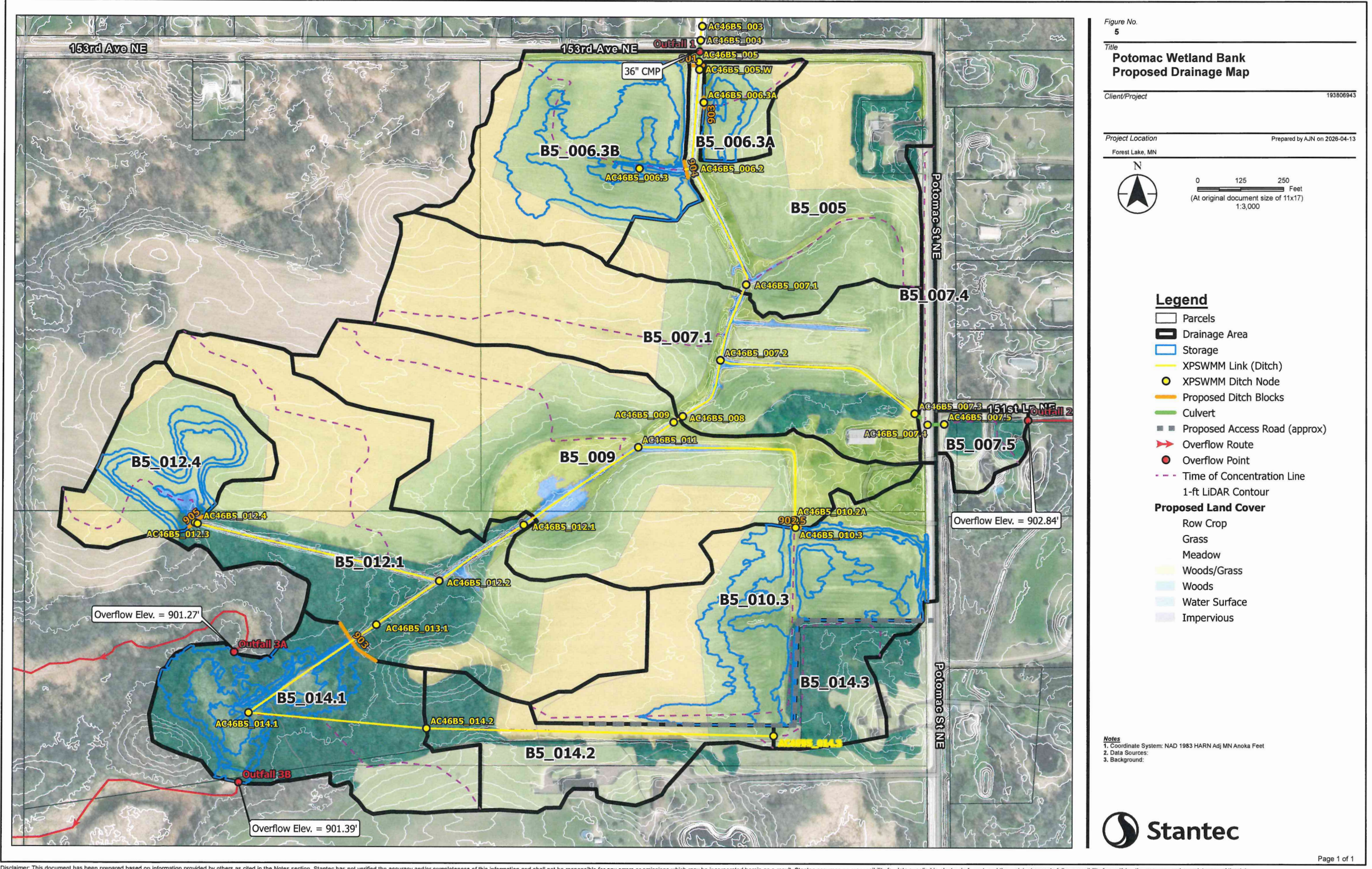


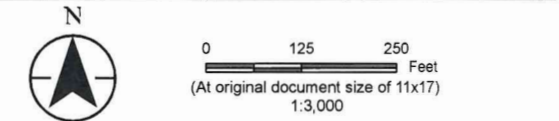
Figure No.
5

Title
**Potomac Wetland Bank
Proposed Drainage Map**

Client/Project
193806943

Project Location
Forest Lake, MN

Prepared by AJN on 2026-04-13



- Legend**
- Parcels
 - Drainage Area
 - Storage
 - XPSWMM Link (Ditch)
 - XPSWMM Ditch Node
 - Proposed Ditch Blocks
 - Culvert
 - Proposed Access Road (approx)
 - Overflow Route
 - Overflow Point
 - Time of Concentration Line
 - 1-ft LIDAR Contour

- Proposed Land Cover**
- Row Crop
 - Grass
 - Meadow
 - Woods/Grass
 - Woods
 - Water Surface
 - Impervious

Notes
1. Coordinate System: NAD 1983 HARN Adj MN Anoka Feet
2. Data Sources:
3. Background:



RESOLUTION NO. 2026-09

**RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**FINDINGS AND ORDER ACCEPTING PETITION AND
DIRECTING APPOINTMENT OF AN ENGINEER**

Manager _____ offered the following Resolution and moved its adoption, seconded by Manager _____:

FINDINGS

1. The Rice Creek Watershed District (RCWD) Board of Managers (Board) is the Drainage Authority for Anoka County Ditch 46 (ACD 46).
2. Lake Drive Properties, L.P. (co-Petitioner) and Jake Jensen (co-Petitioner), have petitioned the Board to partially abandon the upstream portion of Branch 5 of ACD 46.
3. The request is made to accommodate the restoration of the wetland within the property owned by Lake Drive Properties, L.P., for the purpose of developing a wetland bank (Potomac Wetland Bank) on the property. A wetland bank application has been through agency review, and partial abandonment of the upstream end of Branch 5 of ACD 46 is one of the requirements before the application can be approved.
4. The Potomac Wetland Bank project is located in Rice Creek Watershed District, and the project proposes to restore historic wetland areas within the project site by abandoning and impounding waters over approximately 2,250 feet of ACD 46, Branch 5 at its most upstream end. Technical details of the project can be found in the Petition.
5. The Drainage Authority's action on the Petition is governed by Minnesota Statutes, sections 103E.806 (partial abandonment) and 103E.227 (impoundment of drainage system waters).
6. Upon review, the Petition appears complete and the bond appears sufficient under the drainage code.

Therefore, the Board makes the following:

ORDER

- A. The Board of Managers accepts the Petition and appoints Chris Otterness, P.E., and Houston Engineering, Inc. to investigate the effect of the proposed action under the standards found in sections 103E.806 and 103E.227 and file a report of findings.
- B. The Engineer is directed to include in its investigation an assessment of effects from the proposed action to private property which may require Petitioners to acquire flowage or other easements related to the diversion of drainage system waters and an assessment of the impact of the proposed action on the function and integrity of the remainder of the ACD 46 system.
- C. This order is not an approval of the proposed action, nor does it modify the drainage system or abandon any portion thereof. Subsequent proceedings on the Petition will occur consistent with the requirements of Minnesota Statutes, sections 103E.806 and 103E.227.

The question was on the adoption of the Findings and Order and there were __ yeas and __ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
BRADLEY	☐	☐	☐	☐
WALLER	☐	☐	☐	☐
ROBERTSON	☐	☐	☐	☐
WEINANDT	☐	☐	☐	☐
HEGLAND	☐	☐	☐	☐

Upon vote, the President declared the Findings and Order _____.

Janet Hegland, Secretary

Dated: August 12, 2026

* * * * *

I, Janet Hegland, Secretary of the Rice Creek Watershed District, do hereby certify that I have compared the above Findings and Order with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this 12th day of August, 2026.

Janet Hegland, Secretary

ITEMS REQUIRING BOARD ACTION

3. Jones Lake Restoration Project – MPCA and USACE Permit (Jen Oknich)



MEMORANDUM

Rice Creek Watershed District

Date: August 5, 2026
To: RCWD Board of Managers
From: Jen Oknich, Project Manager
Subject: Jones Lake Restoration Project – MPCA and USACE Permit

Introduction

This item proposes accepting the conditions of the MPCA and USACE Permit; and authorizing the Administrator to sign the permit.

The Jones Lake Restoration Project is a component of the Basic Water Management Plan (2013-01) crafted in response to the New Brighton, St. Anthony Village, and Roseville petition for flood control and water quality improvements. In response to the petition, RCWD crafted the Jones Lake Restoration Project to align with the Watershed Management Plan. The project meets our directives to seek opportunities to decrease the risk of flooding (F-1, F-2); and improve water quality by restoring ecosystems (WQ-4).

Background

RCWD received a combined permit (herein “Clean Water Act permit” or “the permit”) from the Minnesota Pollution Control Agency (MPCA) and United States Army Corps of Engineers (USACE) to authorize the Jones Lake Restoration Project as proposed. This item proposes accepting the conditions of the permit; and authorizing the Administrator to sign the permit. Signing the permit does not legally obligate RCWD to construct the project. It also does not prevent RCWD from requesting a permit modification, should plans change.

At the direction of the board, staff applied for permits from the appropriate agencies to carry out the Jones Lake Restoration Project. The Minnesota Department of Natural Resources (DNR) requested more information. MPCA approved the project in May. USACE added its approval and conditions to the MPCA permit in July.

The conditions of the permit are standard boilerplate. They include items such as sediment control, invasive species control, ensuring contractors follow the conditions, obtaining other approvals if required (fish, NPDES/SDS, a plan for outlet work, etc.), placing dredged material in an upland, and trying to finish by the end of 2029.

Staff Recommendation

To continue moving the Jones Lake Restoration Project forward, staff recommend the following proposed motion.

Proposed Motion

Manager_____, upon review of the Corps’ Clean Water Act permit for the Jones Lake Restoration Project and its conditions, moves to authorize the administrator to sign the permit and direct further engagement with the Corps’ project manager as status and design of the Project become clear. Seconded by Manager_____.

Attachment

Clean Water Act Section 401 and 404 permit



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT
332 MINNESOTA STREET, SUITE E1500
ST. PAUL, MN 55101-1323

15 JULY 2026

Regulatory File No MVP-2023-01631-CEB

Rice Creek Watershed District (RCWD)
c/o Ms. Jen Oknich
4325 Pheasant Ridge Drive N, #611
Blaine, MN 55449
joknich@ricecreek.org

Dear Ms. Oknich:

This letter concerns your request for Department of the Army authorization to construct the Jones Lake Restoration project. The Corps authorizes both permanent and temporary impacts to 38.78 acres of jurisdictional waters of the United States to facilitate the outlet modification, excavation, and restoration of Jones Lake.

Specifically, the authorization permits a total of 32.99 acres of permanent impacts, which consists of 32.44 acres of permanent excavation and 0.55 acres of permanent fill. The permanent excavation is heavily concentrated within Jones Lake (Wetland 4), which accounts for 32.1 acres due to excavation activities, with the remaining acreage distributed among Wetland 5B and Other Waters 2 (RCD 5) (0.17 acres for forebay construction), Other Waters 2 (RCD 5) (0.08 acres for ditch realignment and 69-square-foot excavation), and Other Waters 3 (RCD 2) (0.01 acres for outlet construction). The permanent discharge of fill material affects Other Waters 2 (RCD 5) with 0.48 acres (383 linear feet) for ditch realignment and 0.04 acres (788 linear feet) for forebay construction, alongside Other Waters 3 (RCD 2) with 0.03 acres (85 linear feet) for outlet construction. Additionally, the Corps authorizes 5.79 acres of temporary impacts resulting from excavation and is distributed across the Public Water Basin (Wetland 4) (5.26 acres), Wetland 5A (0.33 acres), and Wetland 5B (0.20 acres). The authorized work area is shown on the attached drawings labeled MVP-2023-01631-CEB Pages 1 8.

The project site is in Section 32, 30N Township, 23W Range; at Latitude 45.044470 and Longitude -93.193590; in New Brighton, Ramsey County, Minnesota.

This letter contains an initial proffered permit for your project. Also enclosed is a Notification of Administrative Appeal Options and Process (NAP) fact sheet and Request for Appeal (RFA) form for information regarding your right to object to these determinations.

If you object to the terms and/or conditions of this initial proffered permit, please see Section I-A. You must complete Section II of the RFA and submit it to the **District Engineer** in accordance with 33 C.F.R. Part 331. Your objections to the initial proffered permit must be received by the **St. Paul District Office** within 60 days of the date of the NAP or you will forfeit your right to appeal the permit.

Before accepting the RFA, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 C.F.R. § 331.5, and that it has been received by the District or Division Office within 60 days of the date of the NAP.

It is not necessary to submit an RFA form to the Corps District or Division Office if you do not object to the initial proffered permit enclosed with this letter.

If the permit, with all conditions, is acceptable, the permittee or authorized representative should sign each copy on the line above the words "PERMITTEE SIGNATURE," add the date and the signatory's name clearly underneath the signature, and return both forms via email to the contact listed in the last paragraph of this letter. The District Engineer, or his designated representative, will then sign both copies and return one to you for your records.

Your DA permit will not be valid until we have returned a copy to you bearing both your signature and the signature of the appropriate Corps official.

If your project will require off-site fill material that is **not** obtained from a licensed commercial facility, you must notify us at least five working days before start of work. A cultural resources survey may be required if a licensed commercial facility is not used.

If you have any questions, please contact Catherine Beatty in our La Crosse field office at (612) 258-3504-Enter phone or Catherine.E.Beatty@usace.army.mil. In any correspondence or inquiries, please refer to the Regulatory file number shown above.

Sincerely,

Paul Leffler

Paul Leffler
Chief, South Branch

Enclosure(s)

cc:

Christina Traner, Houston Engineering (Agent), ctraner@houstoneng.com

Patrick Hughes, LGU, phughes@ricecreek.org

Ben Meyer, BWSR, ben.meyer@state.mn.us

Eric Sanft and Daniel Scollan (MNDNR), Eric.Sanft@state.mn.us, Daniel.Scollan@state.mn.us

DEPARTMENT OF THE ARMY PERMIT

Permittee Rice Creek Watershed District (RCWD) c/o Ms. Jen Oknich
Permit No. MVP-2023-01631-CEB

Issuing Office St. Paul District
U.S. Army Corps of Engineers

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:

You are authorized to construct the Jones Lake Restoration project. The Corps authorizes both permanent and temporary impacts to 38.78 acres of jurisdictional waters of the United States to facilitate the outlet modification, excavation, and restoration of Jones Lake.

The authorized activity permits a total of 32.99 acres of permanent impacts, which consists of 32.44 acres of permanent excavation and 0.55 acres of permanent fill. The permanent excavation is heavily concentrated within Jones Lake (Wetland 4), which accounts for 32.1 acres due to excavation activities, with the remaining acreage distributed among Wetland 5B and Other Waters 2 (RCD 5) (0.17 acres for forebay construction), Other Waters 2 (RCD 5) (0.08 acres for ditch realignment and 69-square-foot excavation), and Other Waters 3 (RCD 2) (0.01 acres for outlet construction). The permanent discharge of fill material affects Other Waters 2 (RCD 5) with 0.48 acres (383 linear feet) for ditch realignment and 0.04 acres (788 linear feet) for forebay construction, alongside Other Waters 3 (RCD 2) with 0.03 acres (85 linear feet) for outlet construction. Additionally, the Corps authorizes 5.79 acres of temporary impacts resulting from excavation and is distributed across the Public Water Basin (Wetland 4) (5.26 acres), Wetland 5A (0.33 acres), and Wetland 5B (0.20 acres). The authorized work area is shown on the attached drawings labeled MVP-2023-01631-CEB Pages 1 8.

Project Location:

The project site is in Section 32, 30N Township, 23W Range; at Latitude 45.044470 and Longitude -93.193590; in New Brighton, Ramsey County, Minnesota.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on December 31, 3 2029. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. No disposal, staging, or dewatering of dredged or excavated material shall occur within jurisdictional aquatic resources, including wetlands. All dredged material must be placed in a designated upland location and completely surrounded by effective erosion and sediment controls (e.g., earthen berms, silt fencing) to ensure that no fill material, sediment-laden runoff, or effluent re-enters aquatic resources.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
2. Limits of this authorization.
 - a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
 - b. This permit does not grant any property rights or exclusive privileges.

- c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE SIGNATURE)

(DATE)

(PERMITTEE PRINTED OR TYPED NAME)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Paul Leffler
South Branch Chief, Regulatory Division

(DATE)

for:

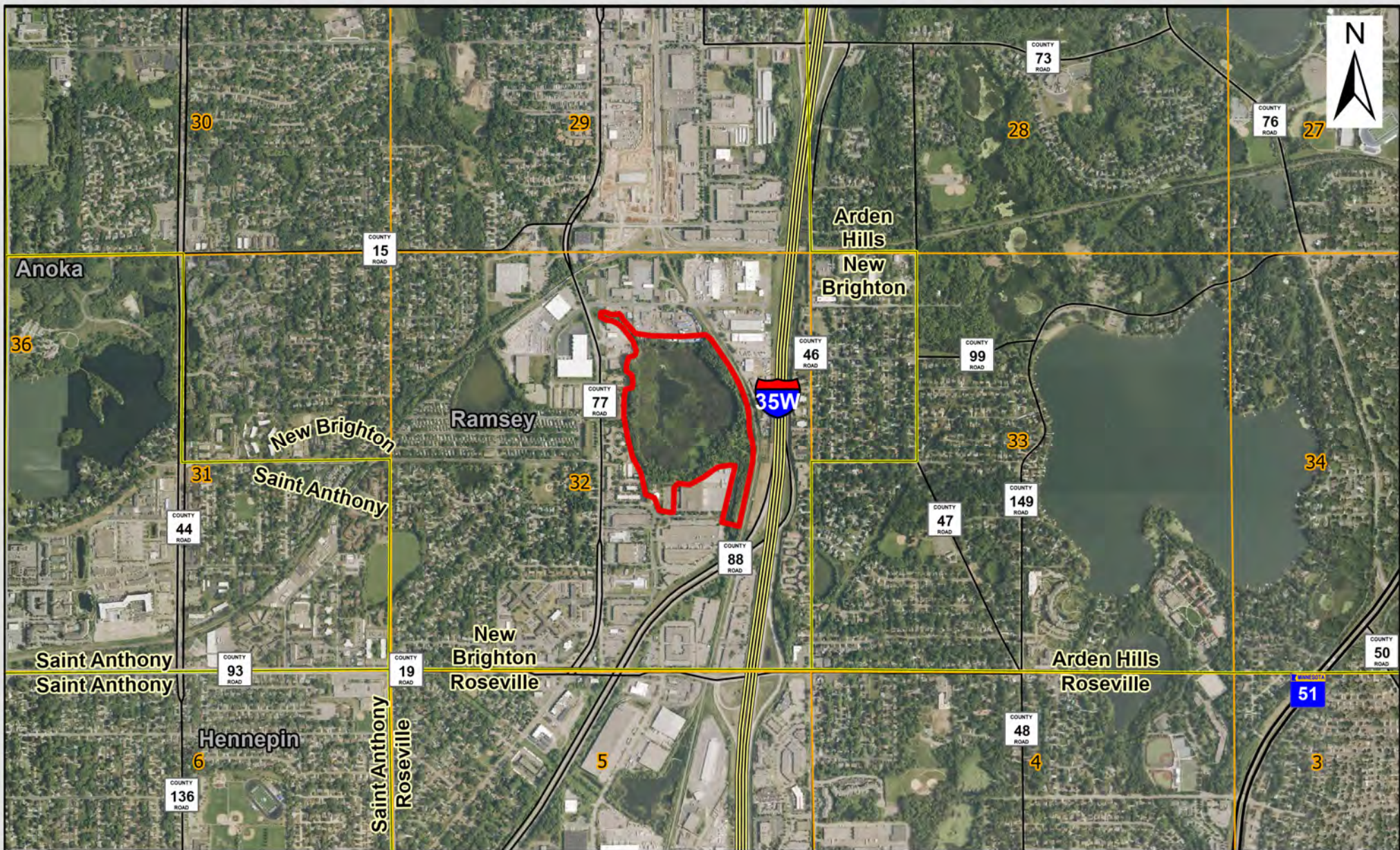
LTC Joshua D Rud
Deputy Commander, Corps of Engineers
District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE SIGNATURE)

(DATE)

(TRANSFEREE PRINTED OR TYPED NAME)



- ▭ Survey Boundary
- ▭ PLSS Lines
- ▭ City and Township Boundaries
- ▭ County Boundaries

Project Location Map

Scale: AS SHOWN	Drawn by: KB	Checked by: CT	Project No.: 5555-0366	Date: 10/21/2025	Sheet:
--------------------	-----------------	-------------------	---------------------------	---------------------	--------



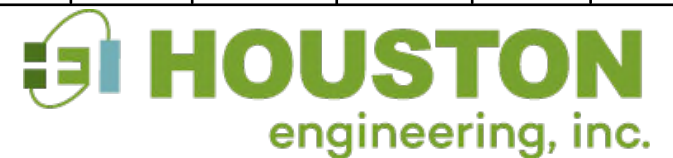


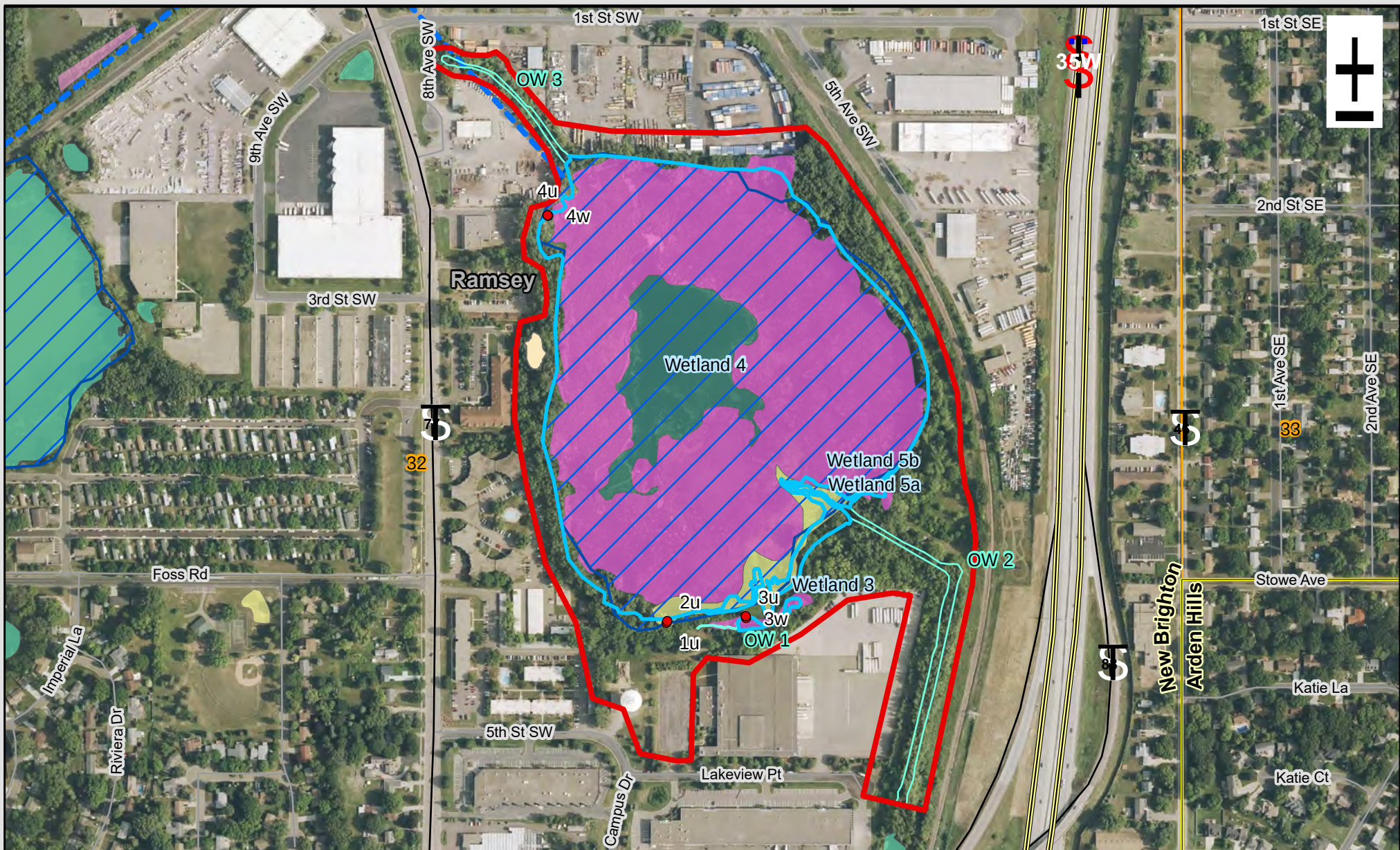
- ▮ Survey Boundary
- ▮ Other waters
- ▮ Sediment Basin
- Sample Points
- ▮ City and Township Boundaries
- ▮ Delineated Wetlands
- ▮ PLSS Lines

0 200 400 800 Feet

Aquatic Resources Map

Scale: AS SHOWN	Drawn by: KB	Checked by: CT	Project No.: 5555-0366	Date: 10/22/2025	Sheet:
--------------------	-----------------	-------------------	---------------------------	---------------------	--------





- Survey Boundary
- Sample Points
- Delineated Wetlands
- Other waters

- Public Ditch/Altered Natural Watercourse
- Public Water Watercourse
- Public Waters Basins

- Hardwood Wetland
- Non-Vegetated Aquatic Community
- Seasonally Flooded/Saturated Emergent Wetland

- Shallow Marsh
- Shallow Open Water Community
- Sediment Basin

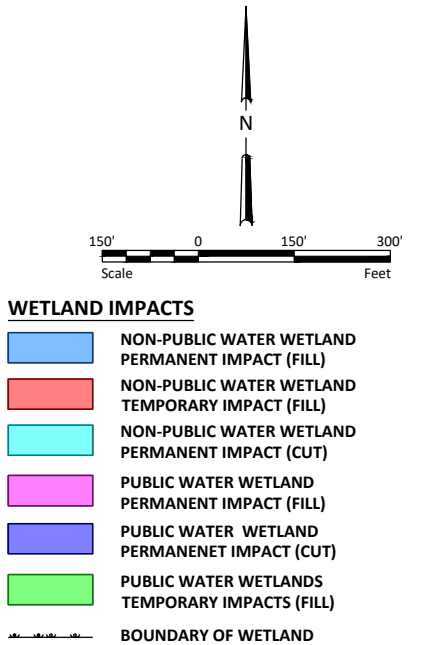
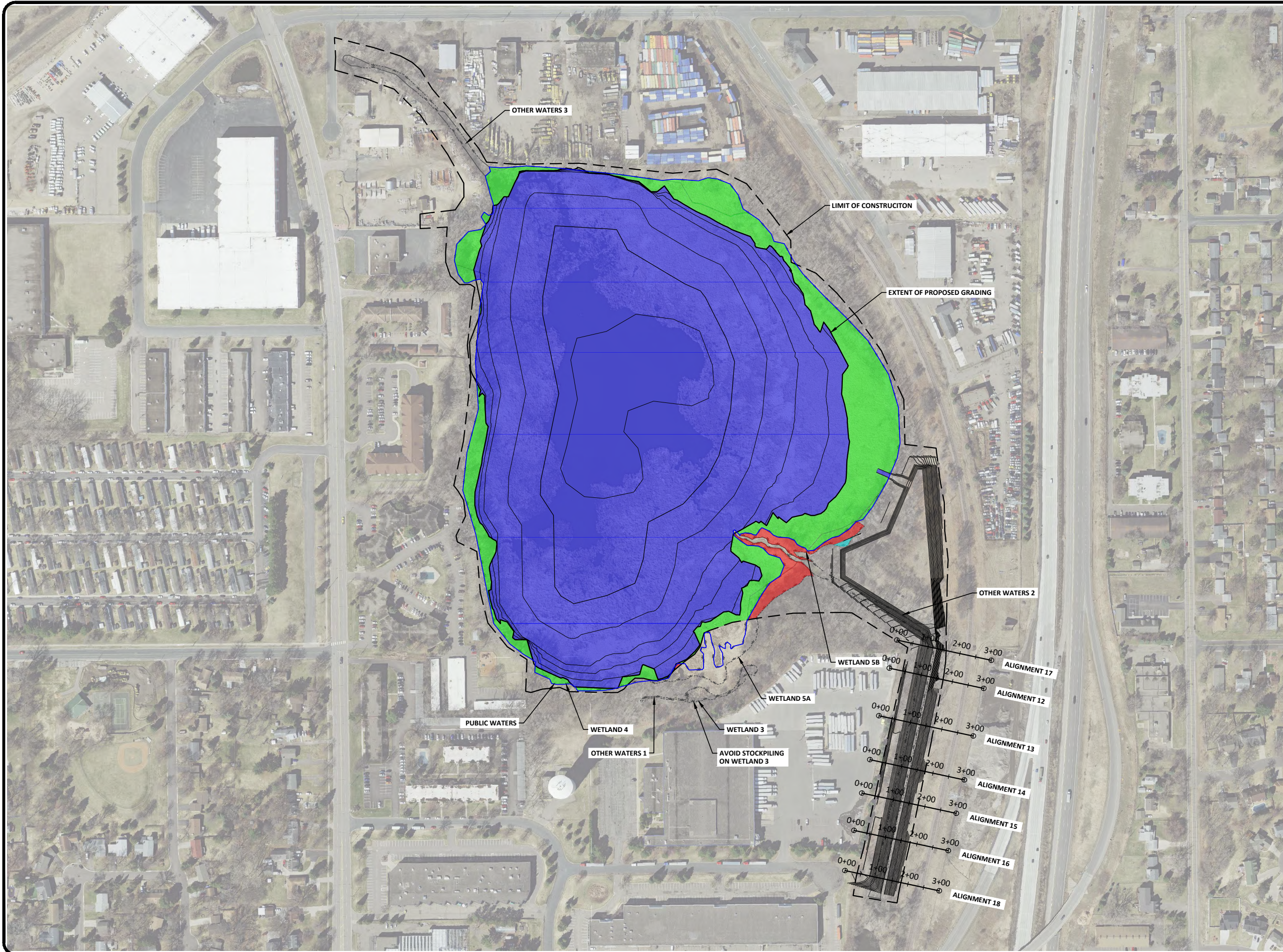
0 200 400 800 Feet

National Wetland Inventory

Scale: AS SHOWN	Drawn by: KB	Checked by: CT	Project No.: 5555-0366	Date: 10/21/2025	Sheet:
--------------------	-----------------	-------------------	---------------------------	---------------------	--------

HOUSTON
engineering, inc.

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\Permit Drawings\Wetland Impacts.dwg-1x17 Landscape Bottom-3/5/2026 10:37 PM-(adargay)



PRELIMINARY
NOT FOR CONSTRUCTION

MVP 2023-01631 Page 4 of 8			
No.	Revision	Date	By

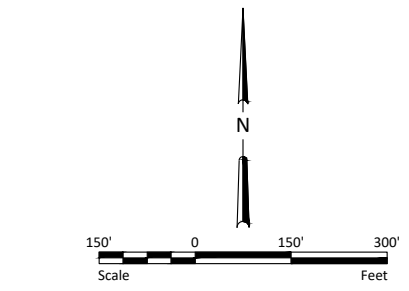


Drawn by APD	Date 1-13-2026
Checked by CC	Scale AS SHOWN

JONES LAKE REDREDGING
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

WETLANDS IMPACTS
PROJECT NO. 5555-0361

SHEET
1



OTHER WATERS PERMANENT IMPACTS

- BOUNDARY OF WETLAND
- FILL IMPACTS - 0.66 ACRES
- CUT IMPACTS - 0.23 ACRES

FOREBAY
CUT IMPACTS: 0.15 ACRES
FILL IMPACTS: 0.04 ACRES

OUTLET
CUT IMPACTS: 0.01 ACRES
FILL IMPACTS: 0.02 ACRES

DITCH REALIGNMENT
CUT IMPACTS: 0.08 ACRES
FILL IMPACTS: 0.48 ACRES

DREDGING
CUT IMPACTS: 69 SQUARE FEET
FILL IMPACTS: 0.00 ACRES

OUTLET
OTHER WATERS PERMANENT IMPACTS: 85 L.F.

FOREBAY
OTHER WATERS PERMANENT IMPACTS: 383 L.F.

DITCH REALIGNMENT
OTHER WATERS PERMANENT IMPACTS: 788 L.F.

DREDGING
OTHER WATERS PERMANENT IMPACTS: 9 L.F.

PRELIMINARY
NOT FOR CONSTRUCTION

MVP	2023-01631	Page 5 of 8	
No.	Revision	Date	By



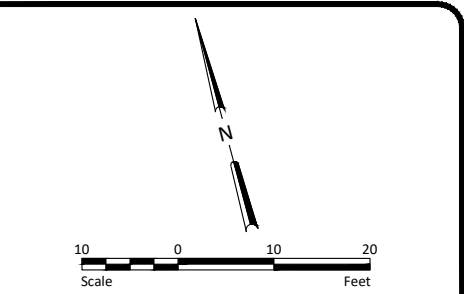
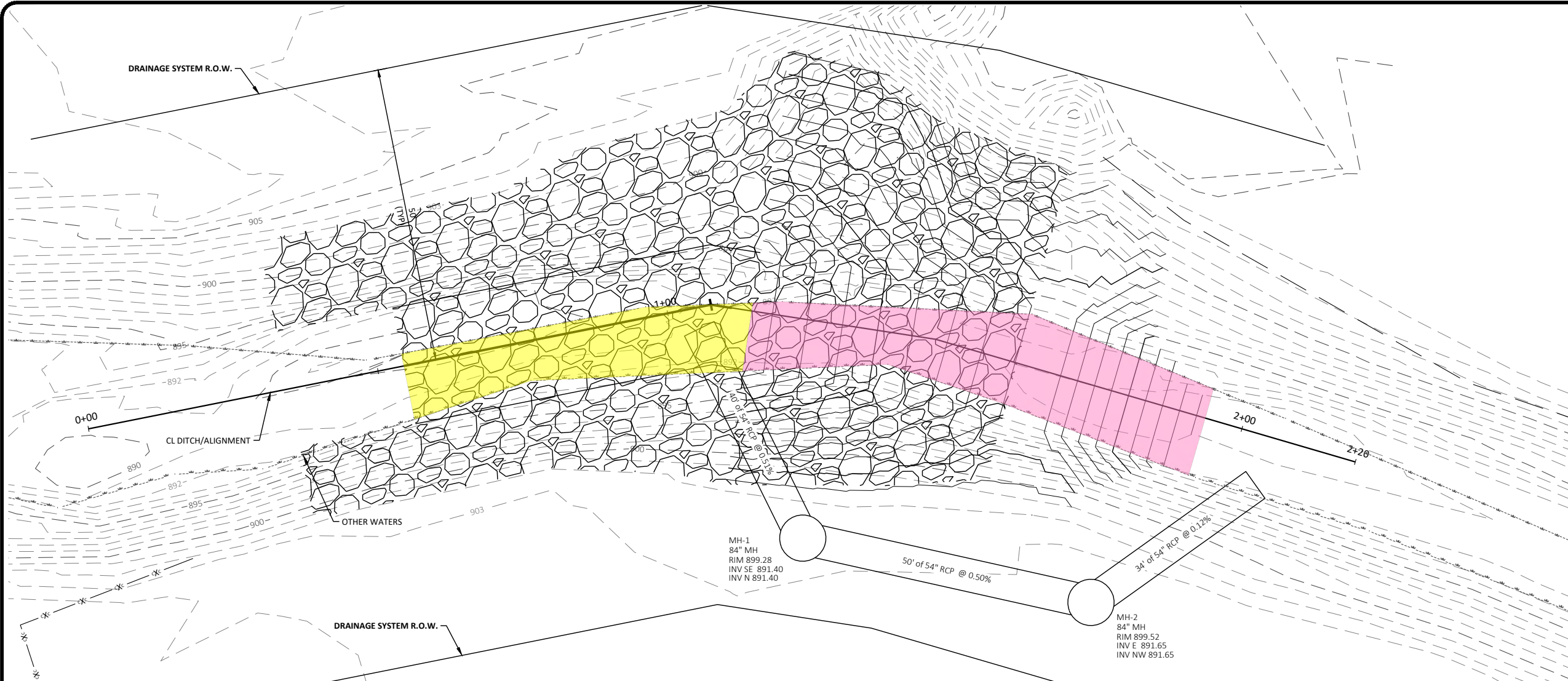
Drawn by	Date
APD	1-13-2026
Checked by	Scale
CC	AS SHOWN

JONES LAKE REDREDGING
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

OTHER WATERS IMPACTS
PROJECT NO. 5555-0361

SHEET
2

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\Permit Drawings\Wetland Impacts 2.dwg-11x17 Landscape Bottom-3/2/2026 10:13 AM (adargay)



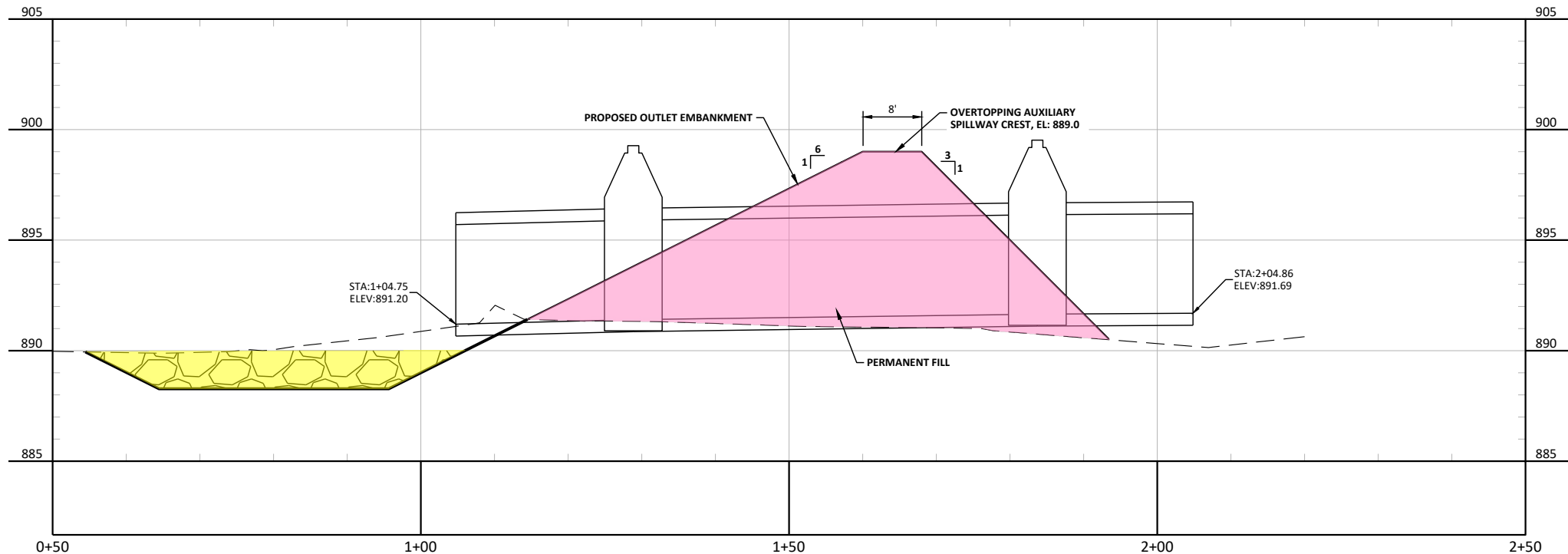
NOTES

LEGEND

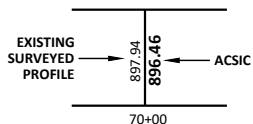
PERMANENT IMPACT

- FILL IMPACTS
- CUT IMPACTS
- RIPRAP
- PROPOSED GROUND
- EXISTING GROUND

OUTLET IMPACTS:
OTHER WATERS PERMANENT IMPACT (FILL)
0.02 ACRES, 158 CY
OTHERS WATERS PERMANENT IMPACT (CUT)
0.01 ACRES, 112 CY
OTHER WATERS PERMANENT IMPACT (RIPRAP FILL)
0.02 ACRES, 112 CY



LEGEND FOR PROFILE ELEVATIONS



No.	Revision	Date	By
MVP	2023-01631	Page 6 of 8	

PRELIMINARY
NOT FOR CONSTRUCTION



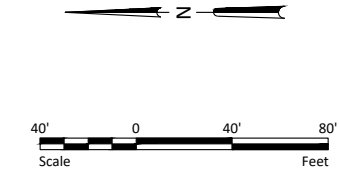
Drawn by
APD
Date
1-13-2026
Checked by
JL
Scale
AS SHOWN

JONES LAKE REDREDGING
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

OTHER WATERS IMPACTS
PROJECT NO. 5555-0366

SHEET
3

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\Permit Drawings\Wetland Impacts 3.dwg-11x17 Landscape Bottom (5/2/27/2026 8:56 AM-(edargay))



- PERMANENT IMPACT**
- FILL IMPACTS
 - CUT IMPACTS
 - PROPOSED GROUND
 - EXISTING GROUND

PRELIMINARY
NOT FOR CONSTRUCTION

MVP 2023-01631 Page 7 of 8			
No.	Revision	Date	By



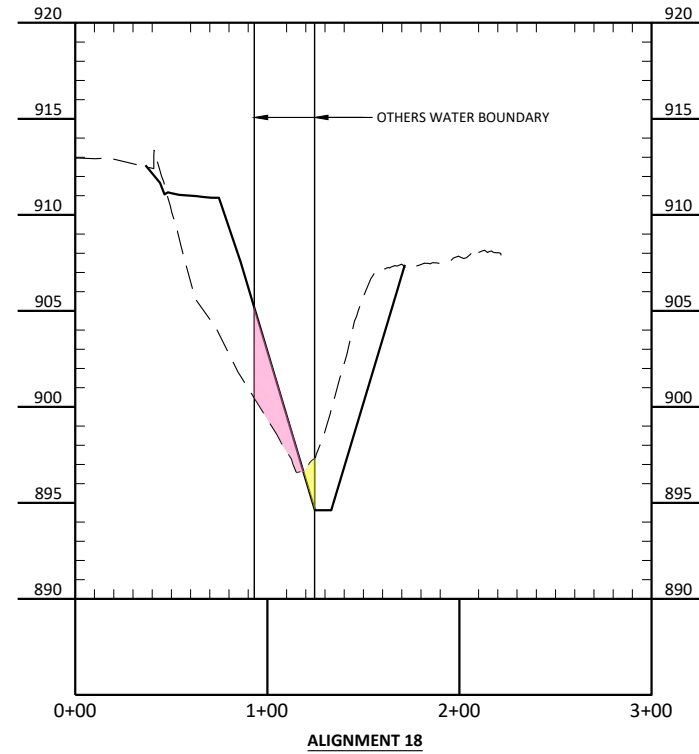
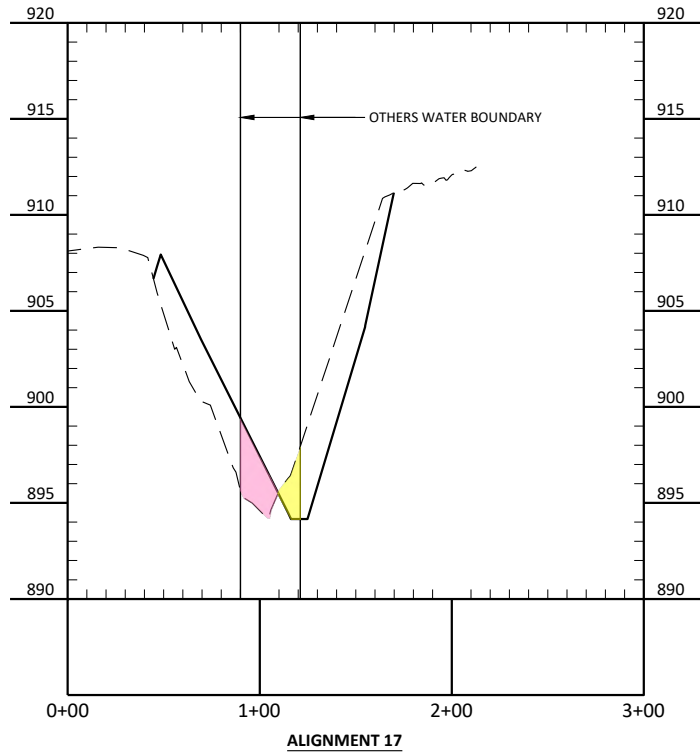
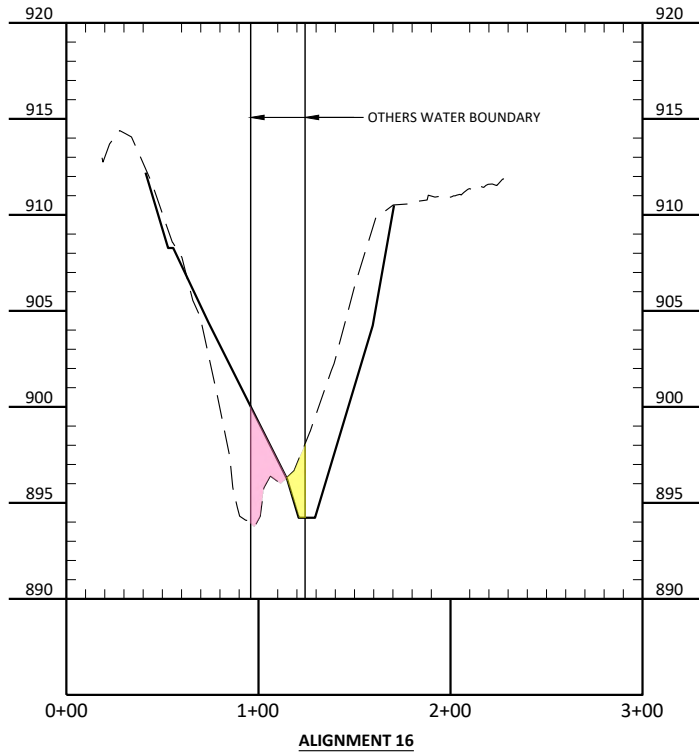
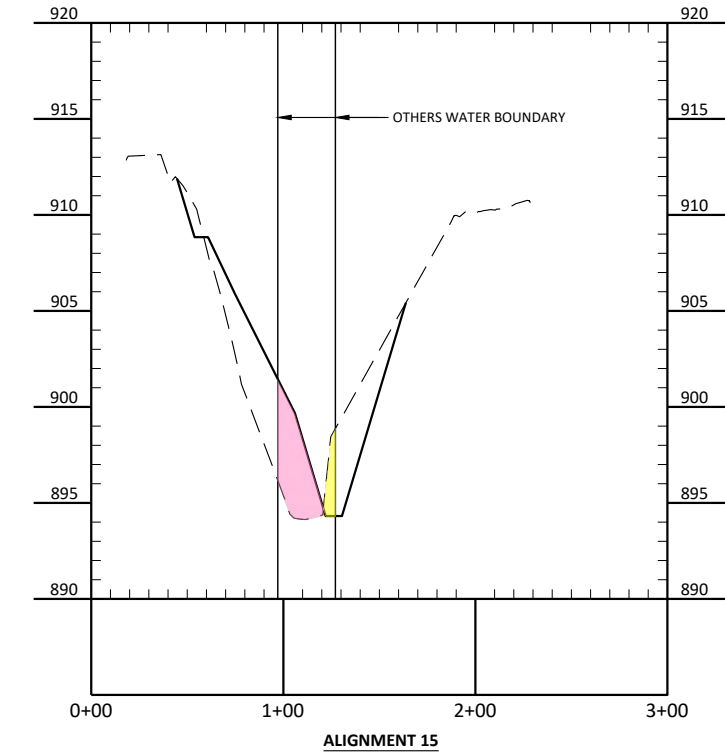
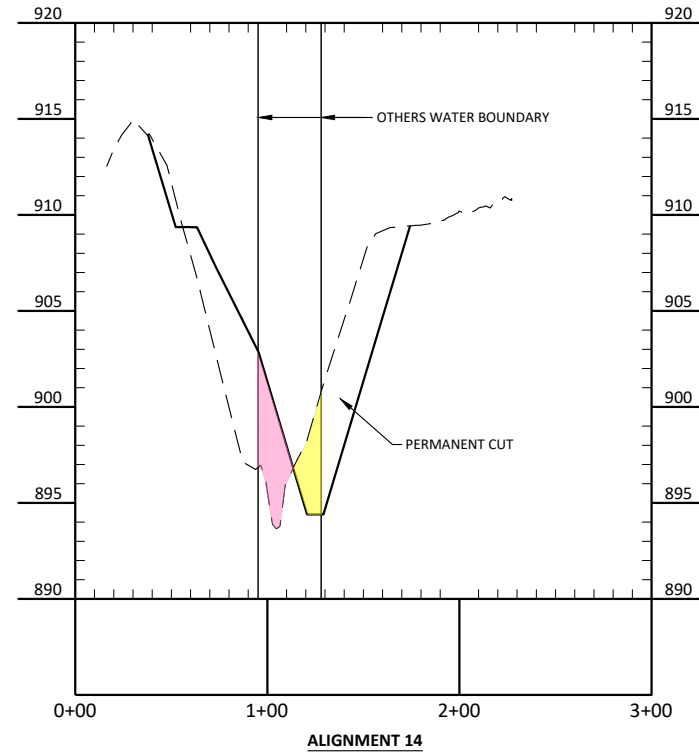
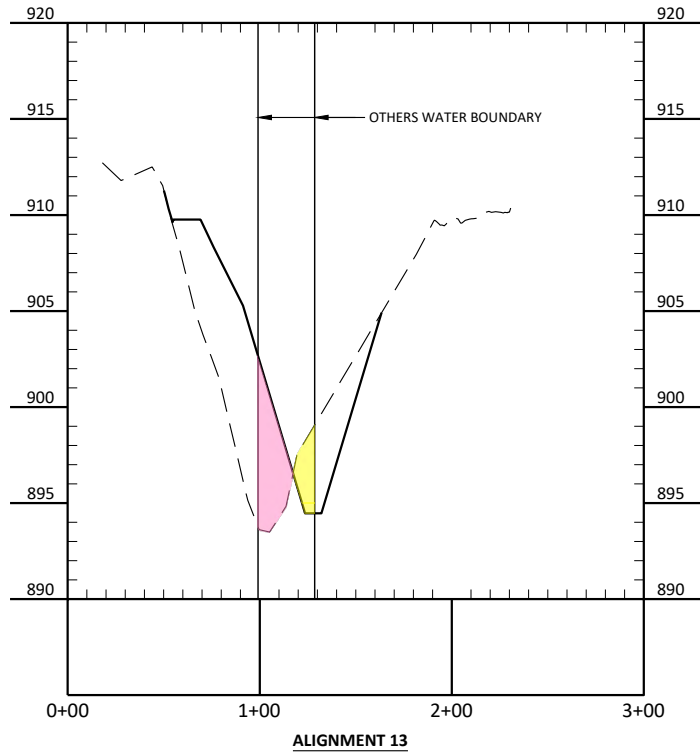
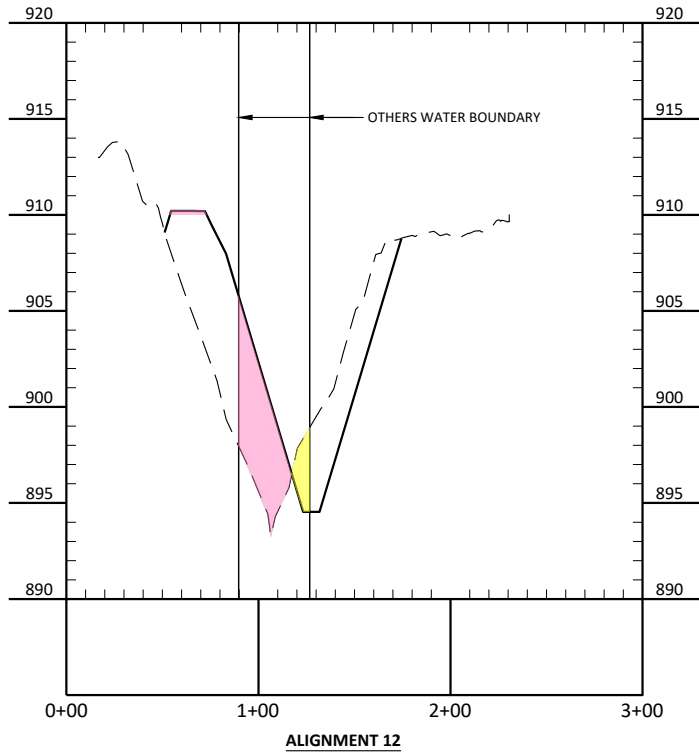
Drawn by	Date
APD	1-13-2026
Checked by	Scale
CC	AS SHOWN

JONES LAKE REDREDGING
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

WETLANDS IMPACTS
CROSS SECTIONS
PROJECT NO. 5555-0361

SHEET
4

H:\JBM\5500\5555\5555_036 Jones Lake Final Plans\CAD\Plans\Permit Drawings\Wetland Impacts 3.dwg-11x17 Landscape Bottom (6/2/27/2026 7:53 AM:edg:ay)



- PERMANENT IMPACT**
- FILL IMPACTS
 - CUT IMPACTS
 - PROPOSED GROUND
 - EXISTING GROUND

PRELIMINARY
NOT FOR CONSTRUCTION

MVP 2023-01631 Page 8 of 8			
No.	Revision	Date	By



Drawn by APD	Date 1-13-2026
Checked by CC	Scale AS SHOWN

JONES LAKE REDREDGING
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

OTHER WATERS IMPACTS
CROSS SECTIONS
PROJECT NO. 5555-0361

SHEET
5

May 26, 2026

VIA EMAIL

Catherine Beatty
U.S. Army Corps of Engineers
332 Minnesota St, Suite E 1500
St Paul, MN 55101

David Petry
Rice Creek Watershed District
4325 Pheasant Ridge Dr NE, #611
Blaine, MN 55449

RE: MVP-2023-01631-CEB – Jones Lake Outlet Modification, Dredging, and Restoration Project
Ramsey County, Minnesota
Section 401 Water Quality Certification

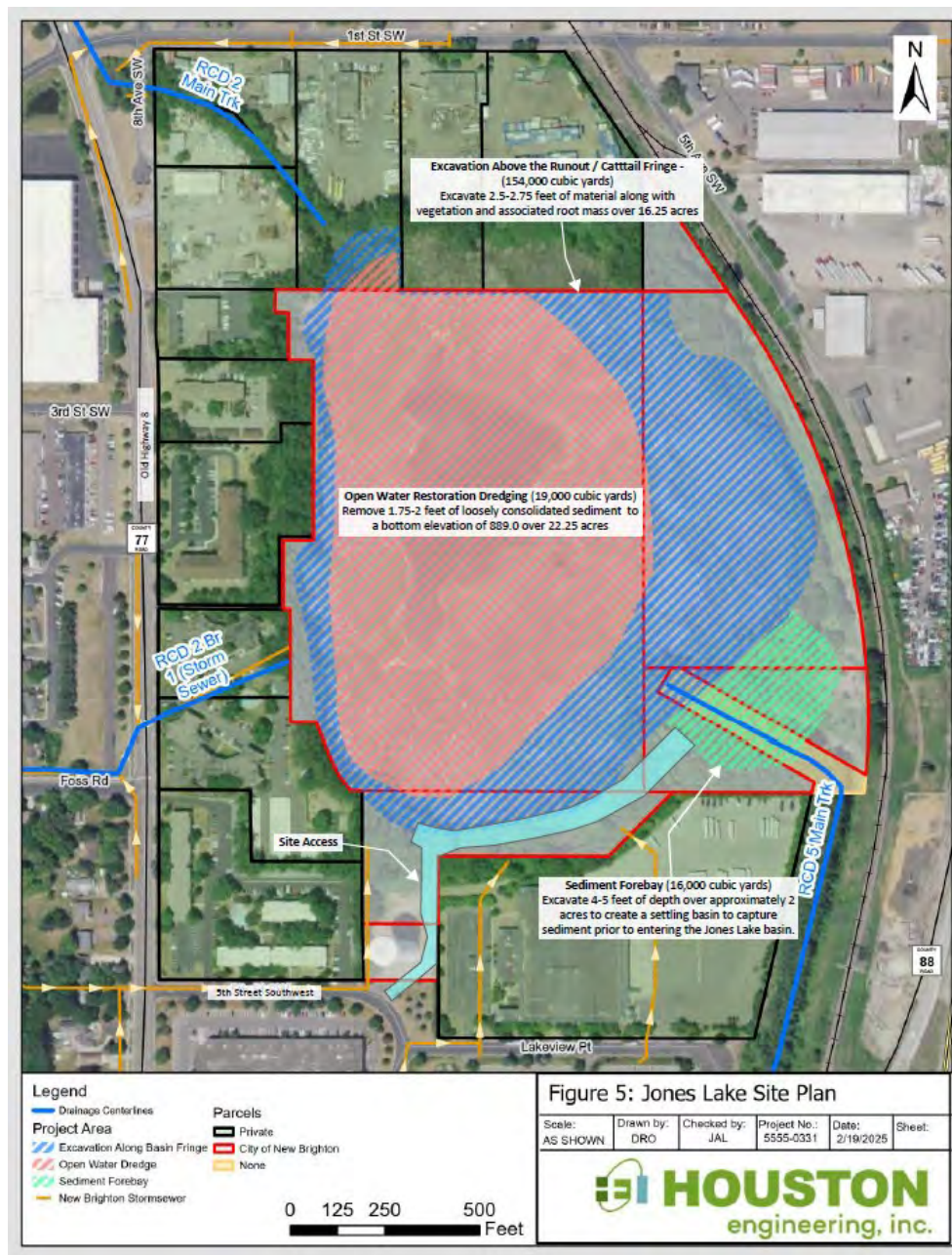
Dear Catherine Beatty and David Petry:

This 401 Water Quality Certification decision (Certification) is made by the Minnesota Pollution Control Agency (MPCA) under authority of Section 401 of the Clean Water Act, or CWA (33 USC 1251 et seq.), Minn. Stat. chs. 115 and 116 and Minn. R. chs. 7001.1400 to 7001.1470, 7050, 7052, and 7053.

Project description:

The MPCA has examined the application and other information furnished by the applicant, Rice Creek Watershed District, for the permanent dredge and discharge of fill material into 32.12 acres of wetlands, 1,180 linear feet (ln ft) of Ramsey County Ditch 5 (RCD5), and 85 ln ft of Ramsey County Ditch 2 (RCD2). The applicant proposes to realign the inlet of Jones Lake via RCD5 into a newly created sediment forebay, restore Jones Lake via dredging accumulated sediment/vegetation and restoring wetland habitat, and modify the outlet via RCD2.

A sediment forebay will be excavated to allow regular removal of sediment prior to reaching Jones Lake proper. Excavation of accumulated sediment will restore the lake's stormwater retention and treatment capacity. The outlet will be rebuilt with a new outlet pipe and low flow outlet pipe, to allow future maintenance. A wetland seed mix will be planted in the upland and riparian zones to diversify habitat.



Decision:

The MPCA certifies the referenced project and has determined that it satisfies the antidegradation standards in Minn. R. 7050.0265. The MPCA has examined the application and other information, including the antidegradation assessment information required under Minn. R. 7050.0285, and bases its decision on the evaluation of this information and the relevance to water quality considerations. The MPCA believes that there is reasonable assurance that the activity will be conducted in a manner that will not violate applicable water quality standards provided that the applicant complies with the conditions listed below.

1. Before any land disturbance at the site, the applicant must ensure that all aquatic resources (wetlands, ditches, lakes, or streams) in the vicinity of the construction area that are not authorized to be impacted by the project are clearly identified. This may be done through demarcation of those resources on plan sheets or through typical methods of marking boundaries in the field, for example construction staking or the use of silt fences along boundaries.
2. No work may take place in water during the Department of Natural Resources (DNR) Fisheries work exclusion dates without the written permission of the DNR area fisheries manager. These dates can be found the *Best Practices for Meeting DNR General Public Waters Work Permit GP 2004-0001* (Chapter 1, page 3) or by contacting the DNR area fisheries office. https://files.dnr.state.mn.us/fisheries/management/dnr_fisheries_managers.pdf?20231121-02
3. All equipment used in water must follow DNR Aquatic Invasive Species (AIS) best management practices (BMP) and be inspected and cleaned ahead of use in the water. More information on BMPs and identification of AIS may be found here: [Clean In Clean Out | Minnesota DNR](#)
4. It is the applicant's responsibility to fully comply with all MPCA rules governing waters of the state, including MPCA rules governing wetlands (Minn. R. 7050.0186), which require a permittee to provide compensatory mitigation for a project's unavoidable permanent impacts to wetlands and streams, including those that are not subject to federal jurisdiction under section 404 of the CWA.
5. The applicant must ensure that the authorized activities do not exacerbate any existing impairments of a CWA 303(d) listed impaired water. Prior to beginning any authorized activities, the Applicant must first identify whether their project area is in, or near, any impaired waters and waters with the U.S. Environmental Protection Agency - approved total maximum daily loads. When working in, or near, impaired waters, the Applicant must deploy redundant BMPs as necessary to ensure the authorized construction activities will not exacerbate existing impairments. The following MPCA webpage contains more information and search tools available to determine which waters in Minnesota are impaired: <https://www.pca.state.mn.us/air-water-land-climate/minnesotas-impaired-waters-list>. The applicable water quality standards are located in Minn. R. chs. 7050, 7001.
6. The applicant must install in-water BMPs to the extent practical and feasible, to minimize total suspended solids (TSS) and sedimentation for any work conducted below the ordinary high-water level as defined in Minn. Stat. § 103G.005, subp. 14, of any water or within the delineated boundaries of wetlands.

The applicant must document the in-water BMPs to be used during the authorized work prior to disturbing any land at the site; this documentation may be stand-alone or part of an Erosion Control Plan, Construction Plan, or other relevant construction document. This documentation is not required to be submitted to the MPCA but must be kept on-site during active construction by the contractor until the project is complete. Proper installation of BMPs is required before conducting the authorized in-water activities and must be properly maintained until the project is complete. This includes maintenance of in-water BMPs along with the establishment and

maintenance of any erosion prevention, sediment control or site stabilization features included in the project plan or this certification. While conducting the authorized work, the permittee must visually monitor the BMPs to ensure that the BMPs are working as intended to reduce TSS or sedimentation. If the project activities cause an observable increase in TSS or sedimentation as described in Minn. R. 7050.0210, subp. 2, outside or downstream of the authorized defined working area, then the project activities must immediately cease and any malfunctioning BMPs must be repaired, or alternative BMPs must be implemented. This Certification does not authorize the violation of applicable water quality standards outside or downstream of the defined work area. Minnesota water quality standards are defined in Minn. R. chs. 7050, 7001.

Information on types of BMPs that may be suitable for in-water work is located in the DNR Manual titled *Best Practices for Meeting DNR General Public Waters Work Permit GP 2004-0001*, located at: https://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/gp_2004_0001_manual.html

7. Minn. R. chs. 7001 and 7090 require any activity that will disturb one acre or more of land to first acquire a National Pollution Discharge Elimination System/State Disposal System (NPDES/SDS) General Construction Stormwater Permit from the MPCA for discharging stormwater during and after construction activity. Both the owners and operators of construction activity disturbing one acre or more of land are responsible for obtaining and complying with the conditions of the NPDES/SDS General Construction Stormwater Permit prior to commencing construction activities. Sites disturbing less than one acre within a larger common plan of development or sale that is more than one acre also need permit coverage. A detailed Stormwater Pollution Prevention Plan (SWPPP), containing both temporary and permanent erosion and sediment control plans, must be prepared prior to submitting an application for the NPDES/SDS General Construction Stormwater Permit. In addition, any project that will result in over 50 acres of disturbed area and has a discharge point within one mile of a special or impaired water is required to submit its SWPPP to the MPCA for a review at least 30 days prior to the commencement of land disturbing activities. If the SWPPP is out of compliance with the terms and conditions of the NPDES/SDS General Construction Stormwater Permit, further delay may occur. For more information, please visit: <https://www.pca.state.mn.us/business-with-us/construction-stormwater>.
8. The applicant or its contractor must perform daily visual inspections to observe turbidity levels, weather, and stream conditions to ensure required BMPs are correctly deployed and functioning as intended. These BMPs must be installed and maintained in a manner that ensures sediment and debris do not leave the work site.
9. The permittee must stabilize all exposed soil areas whenever any construction activity has permanently or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days (Minn. R. chs. 7050, 7001).
10. The applicant must ensure that any fill placed in water be clean fill that is free of solid waste, toxic or hazardous contaminants including the fill to be used for embedding the culverts in the stream bed. Any deviation from this requirement such as seeking beneficial reuse of materials, requires case-specific beneficial use determinations by MPCA for debris and soil with contaminant levels appropriate for the placement setting. The applicant must also ensure that

any fill will not promote the spread of invasive species as defined in Minn. Stat. ch. 84D and Minn. R. 6216, and is free of those species identified as “prohibited species” in the Minnesota Noxious Weeds publication <https://www.mda.state.mn.us/plants-insects/minnesota-noxious-weed-list>. The applicant must ensure all construction equipment, construction matting, erosion control devices and BMPs brought to the site are free of the same prohibited species.

11. The applicant must ensure that any dewatering activities do not create nuisance conditions as defined in Minn. R. 7050.0210, subp. 2. The applicant must use BMPs that minimize TSS and sedimentation by removing solids in the water before discharging the water. The applicant must document BMPs prior to beginning any dewatering; this documentation may be stand-alone or part of an Erosion Control Plan, Construction Plan, or other relevant construction document. During the dewatering activity, the applicant must visually check and photograph the discharge at the beginning and at least once every 24 hours of operation to ensure adequate treatment has been obtained and nuisance conditions are not observed in accordance with the NPDES/SDS Construction Stormwater permit. Any unplanned dewatering that must occur due to site conditions at the time of construction should be noted on the Stormwater Pollution Prevention Plan or other relevant construction documents (Minn. R. chs. 7050 and 7001).
12. Temporary stockpiles must be properly located and have silt fences around them to control and prevent sediment movement. All sediment in upland areas must be managed in accordance with the NPDES/SDS General Construction Permit. <https://www.pca.state.mn.us/business-with-us/construction-stormwater>
13. To the extent practicable, construction and temporary diversions should be staged in the manner that causes the least amount of impact to the stream including both size and duration of impacts. Approved temporary impacts to aquatic resources must be returned to original conditions. This includes timing and staging that allows for exposed soils to be quickly stabilized throughout the project area.
14. A Stream Diversion Plan (SDP) is required for removal and replacement of culverts or bridges. Prior to construction, stream diversion water procedures must be in place to ensure that discharge points are adequately protected from erosion and scour. In addition, the SDP must address erosion prevention and sediment control, comply with water quality requirements, and meet in-water best construction practices. The MPCA reserves the right to add additional conditions if necessary to accommodate and address specific design requirements and to maintain water quality standards (Minn. R. chs 7050, 7001).
15. All temporary stockpiles and staging materials shall be removed within 12 months of construction activity ceasing.
16. The applicant must provide: a) a copy of the Certification; b) documentation of any required BMPs under the above conditions; and c) any written demarcation of waters to any primary contractor responsible for completing the project’s authorized activities. The applicant must also ensure that there is a mechanism in place requiring each primary contractor to provide the same information to all subcontractors, at any level, responsible for fabricating or providing any material for the project or performing work at the project site. In addition, copies of these documents and any other relevant regulatory authorizations related to impacts to waters must

be available at or near the project site for use by contractors and staff responsible for completing the project work and must be available within 72 hours when requested by MPCA staff.

17. The applicant must allow representatives from the MPCA to inspect the project site and the authorized activity to ensure that the project is constructed, and BMPs maintained, in accordance with this Certification.
18. The applicant is responsible for ensuring that all requirements of this Certification are met.
19. This Certification includes and incorporates by reference the general conditions of Minn. R. 7001.0150, subp.3.
20. The applicant must inform the MPCA of any proposed additional water quality impacts this project may have, before they occur, to determine if further review or authorization is required. This includes any additional dredging, excavation, fill, additional structures, and temporary impacts not shown in the final plans or expressly authorized by the U.S. Army Corps of Engineers Project Section 404 permit or the Section 401 Certification from the MPCA.

A Section 401 Certification does not release or limit the applicant from obtaining all necessary federal, state, and local permits, nor does it limit more restrictive requirements set through any such program. It does not eliminate, waive, or vary the applicant's obligation to comply with all other laws and state water statutes and rules through the construction, installation, and operation of the project. This letter does not release the applicant from any liability, penalty, or duty imposed by Minnesota or federal statutes, regulations, rules, or local ordinances, and it does not convey a property right or an exclusive privilege.

This MPCA decision is made, in part, on the applicant's representations that environmental review under the Minnesota Environmental Quality Board's Rules, Minn. R. ch. 4410, is not needed for the project or, alternatively, that all necessary environmental reviews and related decisions have been completed. If environmental review for this project is needed and has not been completed, the MPCA does not have legal authority to issue a Certification. In that situation, the MPCA reserves the right to make a Section 401 Certification decision when the environmental review process is completed.

The MPCA reserves the right to revisit or revoke the Certification due to new or additional information, updated information, changes in technology, or any other changes that could render the project as incompatible with Minnesota's water quality standards.

Catherine Beatty
David Petry
Page 7
May 26, 2026

If you have any questions regarding this Certification, please contact Joshua Prososki at 218-846-8125 or joshua.prososki@state.mn.us.

Sincerely,

Maggie Wenger

This document has been electronically signed.

Maggie Wenger
Supervisor
Agency Rules Unit
Resource Management and Assistance Division

MW/JP:kj

cc: U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
Tom Hovey, DNR
Daniel Scollan, DNR
Jordan Donatell, MPCA
Bill Cole, MPCA
Brandon Smith, MPCA
Brandon Montgomery, MPCA

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Rice Creek Watershed District	File Number: MVP-2023-01631	Date: July 17 2026
Attached is:		See Section below
☒	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
☐	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
☐	PERMIT DENIAL WITHOUT PREJUDICE	C
☐	PERMIT DENIAL WITH PREJUDICE	D
☐	APPROVED JURISDICTIONAL DETERMINATION	E
☐	PRELIMINARY JURISDICTIONAL DETERMINATION	F

SECTION I

The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/appeals/> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C. PERMIT DENIAL WITHOUT PREJUDICE: Not appealable

You received a permit denial without prejudice because a required Federal, state, and/or local authorization and/or certification has been denied for activities which also require a Department of the Army permit before final action has been taken on the Army permit application. The permit denial without prejudice is not appealable. There is no prejudice to the right of the applicant to reinstate processing of the Army permit application if subsequent approval is received from the appropriate Federal, state, and/or local agency on a previously denied authorization and/or certification.

D: PERMIT DENIAL WITH PREJUDICE: You may appeal the permit denial

You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information for reconsideration

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice means that you accept the approved JD in its entirety and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.
- **RECONSIDERATION:** You may request that the district engineer reconsider the approved JD by submitting new information or data to the district engineer within 60 days of the date of this notice. The district will determine whether the information submitted qualifies as new information or data that justifies reconsideration of the approved JD. A reconsideration request does not initiate the appeal process. You may submit a request for appeal to the division engineer to preserve your appeal rights while the district is determining whether the submitted information qualifies for a reconsideration.

F: PRELIMINARY JURISDICTIONAL DETERMINATION: Not appealable

You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also, you may provide new information for further consideration by the Corps to reevaluate the JD.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision you may contact:

U.S. Army Corps of Engineers
St. Paul District
Regulatory Division
332 Minnesota Street, Suite E1500
St. Paul, MN 55101-1323

Phone: 651-290-5525

If you have questions regarding the appeal process, or to submit your request for appeal, you may contact:

Brian Oberlies
Administrative Appeals Review Officer
Mississippi Valley Division
P.O. Box 80 (1400 Walnut Street)
Vicksburg, MS 39180-0080
Phone: 601-634-5820
Email: brian.m.oberlies@usace.army.mil

SECTION II – REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. Use additional pages as necessary. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15-day notice of any site investigation and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Email address of appellant and/or agent:

Telephone number:

ITEMS REQUIRING BOARD ACTION

4. 2026 Minnesota Watersheds Resolutions: Appoint Delegates and Alternates (Kendra Sommerfeld)

MEMORANDUM

Rice Creek Watershed District



Date: August 4, 2026
To: RCWD Board of Managers
From: Kendra Sommerfeld, Communications/Outreach Manager
Subject: 2026 MN Watersheds Resolutions: Appoint Delegates and Alternates

Introduction

Minnesota Watersheds has distributed the meeting packet for the 2026 Annual Meeting on Resolutions and Petitions. The Annual Meeting is an opportunity for member organizations to conduct association business, including voting on proposed resolutions, discussion of the Legislative Platform.

Background

The Minnesota Watersheds Annual Meeting on Resolutions and Petitions will be held by Zoom on August 31, 2026, beginning at 10:00 a.m. Each member watershed organization is to appoint delegates and alternate delegates to represent the organization during the meeting. Staff has provided the Board with the meeting packet for review.

Proposed Motion

Manager _____, to designate Manager _____ and Manager _____ as the delegates for the 2026 Annual Meeting on Resolutions and Petitions, with Manager _____ as the alternate. Manager _____, to instruct the delegates to vote in accordance with the stated RCWD positions.

Attachment

- 2026 Minnesota Watersheds Annual Meeting on Resolutions and Petitions Meeting Packet

**Minnesota Watersheds
2026 Annual Meeting on Resolutions and Petitions
August 31, 2026
Via Zoom**

Member Meeting Materials

Enclosed are the following items:

1. Notice of Annual Meeting on Resolutions and Petitions
2. Delegate Appointment Form
3. Annual Meeting on Resolutions and Petitions Agenda
4. Minutes of the 2025 Annual Meeting on Resolutions and Petitions
5. Proposed Legislative Platform Updates
6. Proposed Resolutions
7. Active Resolutions

Please note that the Delegate Appointment Forms are **REQUIRED**. For the Annual Meeting on Resolutions and Petitions to be held, **a quorum of 22 delegates MUST be present and must include at least one delegate from each of the three regions.** Please return your Delegate Appointment Forms to Jan Voit at jvoit@mnwatersheds.com at your earliest convenience.

This packet has been distributed to managers, commissioners, administrators, and staff via email. No paper copies of this packet will be sent via the U.S. Postal Service.

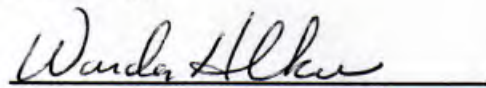
**We are looking forward to your participation in this year's
virtual Annual Meeting on Resolutions and Petitions!**

Minnesota Watersheds 2026 Annual Meeting on Resolutions and Petitions Notice

NOTICE IS HEREBY GIVEN that the 2026 Annual Meeting on Resolutions and Petitions will be held by Zoom beginning at 10:00 a.m. on Monday, August 31 for the following purposes:

1. to receive and accept the report of the Secretary regarding the 2025 Annual Meeting on Resolutions and Petitions,
2. to consider and act upon proposed Legislative Platform updates, and
3. to consider and act upon proposed Resolutions.

Sincerely,



Wanda Holker
Secretary

Minnesota Watersheds 2026 Delegate Appointment Form

The _____ hereby certifies that it is
name of watershed organization

a watershed district or watershed management organization duly established and in good standing pursuant to Minnesota Statutes 103B or 103D and is a member of Minnesota Watersheds for the year 2026.

The _____ hereby further certifies
name of watershed organization

the following individuals have been appointed as delegates, or as an alternate delegate, all of whom are managers in good standing with their respective watershed district or watershed management organization.

Delegate #1: _____

Delegate #2: _____

Alternate: _____

Authorized by: _____
Signature Date

Title

** Please return this form to jvoit@mnwatersheds.com at your earliest convenience. **



Annual Meeting on Resolutions and Petitions

AGENDA

Monday, August 31, 2026

10:00 a.m.

Join online: [CLICK HERE](#)

Join by phone: +1 312 626 6799

Meeting ID: 819 9915 5892

Passcode: 362794

GENERAL BUSINESS

10:00 a.m. Call to Order and Process Overview

10:05 a.m. Approval of Agenda (Action)

ACTION ITEMS

10:05 a.m. **2025 MEETING MINUTES** (Action)

10:10 a.m. **LEGISLATIVE PLATFORM** (Action)

10:30 a.m. **RESOLUTIONS HEARING** (Action)

Note: If you wish to testify "FOR" or "AGAINST", please raise your hand. You must be recognized by the chair before you speak. Limit your comments to two (2) minutes. Voting on each resolution will be done by hand raising.

Resolution 2026-01 – Encouraging DNR and USFWS to Construct Retention Sites on DNR and USFWS Lands for Storing Water

Resolution 2026-02 – Supporting Dedicated State Funding for SWCD and Watershed District Shoreline Management Assistance

Resolution 2026-03 – Supporting Statewide Training and Certification for Shoreline Management Staff

Resolution 2026-04 – Supporting Improved Public Education and Updated Shoreline Management Guidance

Resolution 2026-05 – Supporting Rule and Process Improvements for Public Waters Shoreline Alteration Management

Resolution 2026-06 – Seeking Revision of Minnesota State 477A.19 to Preserve \$10 Million of Aquatic Invasive Species Prevention Aid

Resolution 2026-07 – Seeking Establishment of a Hazard Mitigation Fund

Resolution 2026-08 – Seeking Legislation that Allows Stormwater as an Alternative Water Source for Outdoor Uses

Resolution 2026-09 – To Protect Lake Ecosystems and Shoreline Integrity from Wake Boat Impacts

12:30 p.m. **ADJOURNMENT**

Minnesota Watersheds | 1005 Mainstreet | Hopkins, MN 55343 | mnwatersheds.com

For more information, contact Jan Voit, jvoit@mnwatersheds.com | 507-822-0921

Minnesota Watersheds

Annual Meeting on Resolutions and Petitions

By Zoom

August 25, 2025



1. CALL TO ORDER

The 2025 Minnesota Watersheds Annual Meeting on Resolutions and Petitions was convened at 10:00 a.m. by President Brad Kramer, Shell Rock River Watershed District (SRRWD). Twenty two delegates, with at least one delegate from each region, were required for a quorum. There were 33 delegates in attendance when the meeting began, representing all three regions. A quorum was present. The list of delegates can be found at the end of these minutes.

President Kramer explained meeting etiquette. Hand raising was practiced.

2. GENERAL BUSINESS

Agenda

Marcie Weinandt, Rice Creek Watershed District (RCWD) moved to approve the agenda. Mike Lee, SRRWD seconded the motion. The motion passed by hand raising.

3. LEGISLATIVE PLATFORM CHANGES

President Kramer reported on the proposed changes to the Legislative Platform as provided in the meeting packet. Don Pereira, Valley Branch Watershed District (VBWD) moved to approve the Legislative Platform changes. James Johnson, Roseau River Watershed District (RRWD) seconded the motion. The motion passed by hand raising.

4. RESOLUTIONS HEARING

Don Pereira, VBWD moved to open the Resolutions Hearing. The motion was seconded by Jill Crafton, Riley-Purgatory-Bluff Creek Watershed District (RPBCWD) which passed by hand raising. Don Pereira, VBWD, presided over the Resolutions Hearing.

Resolution 2025-01 Resolution Supporting a Legislative Amendment to Expand the Wetland Conservation Act Exemption of Public Drainage System Repairs

Nick Tomczik, RCWD presented the resolution. Marcie Weinandt, RCWD, moved to adopt Resolution 2025-01. Shawn Mazanec, Capitol Region Watershed District (CRWD) seconded the motion.

The vote on the motion to adopt Resolution 2025-01 was passed by hand raising: 30 in favor, nine opposed.

- **Adopted Resolution 2025-1: NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds supports the introduction of new legislation to amend Minnesota Statutes 103G.2241 and MN Rule 8420.0420 to expand the WCA exemption to include all public drainage system repairs and commits its staff to further discussion through the Drainage Work Group in 2025 to promote passage of such legislation in upcoming sessions.

Resolution 2025-02 Resolution Seeking Revision to MN Statute 383B.79 to Include Watershed Management Organizations

Laura Jester, Bassett Creek Watershed Management Commission presented the resolution. Jill Crafton, RPBCWD, moved to adopt Resolution 2025-02. Chris-Ann Lauria, Nine Mile Creek Watershed District, seconded the motion.

The vote on the motion to adopt Resolution 2025-02 was passed by hand raising: 40 in favor, three opposed.

- **Adopted Resolution 2025-02: NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds seeks a revision to Minnesota Statutes, section 383B.79, Subd. 1 to explicitly include “joint powers watershed management organizations entirely or partially located in Hennepin County” to the list of political subdivisions that can participate in the county’s multijurisdictional reinvestment programs.

Resolution 2025-03 Resolution Seeking Legislative Reform to Increase MDNR and MPCA Permit Efficiency and Define Permit Application Completeness

Jan Voit, Minnesota Watersheds and Tim Kelly, Coon Creek Watershed District (CCWD) presented the resolution. Jason Lund, CCWD moved to adopt Resolution 2025-03. James Johnson, RRWD, seconded the motion. The vote on the motion to adopt Resolution 2025-03 was passed by hand raising: 38 in favor, two opposed.

- **Adopted Resolution 2025-03: NOW, THEREFORE, BE IT RESOLVED** that Minnesota Watersheds shall pursue legislation to amend Minnesota Statutes 15.99, 84.027, and 116.03 to:
 - separate permit completeness review from compliance standards review so that statutory deadlines for permit decisions are meaningfully triggered.
 - require MDNR and MPCA to develop and publish a list of practical, reasonable information and criteria that constitutes a complete permit application.
 - mandate that, once submitted by the applicant, the application is deemed complete and allows review timelines to begin.
 - require MDNR and MPCA to notify an applicant in writing, within 30 days of receiving a permit application, whether the application is complete or incomplete. If the agency determines the application is incomplete, specific provisions of applicable rules and statutes must be cited, an explanation of what additional information is needed must be provided, and the agency must advise the applicant how the deficiencies can be remedied. If action on the permit application is not completed within 150 days, the permit is deemed to be granted.

BE IT FURTHER RESOLVED that:

- the Board of Water and Soil Resources establish a formal process to distribute, on an annual basis, an accurate and complete list identifying Calcareous Fens to all watershed districts, watershed management organizations, and soil and water conservation districts.
- pre-application meetings shall be required upon request by a qualified local agency with a project identified in state-approved plans, Watershed Restoration and Protection Strategies, or other recognized water quality studies. Such meetings shall be scheduled within four weeks of the request.
- local agencies requesting such meetings must provide 10% - 20% design-level plans with sufficient specificity to identify natural resource concerns and constraints.
- failure of either MDNR or MPCA to attend a requested pre-application meeting shall be construed as satisfaction of relevant permitting standards, allowing the project to proceed toward final design and permitting.

Shawn Mazanec, CRWD, moved to close the resolutions hearing. Jill Crafton, RPBCWD, seconded the motion which passed by hand raising.

5. ADJOURNMENT

President Kramer thanked the members for their participation in the meeting. He thanked Don Pereira for chairing the Resolutions Hearing. The meeting adjourned at 11:39 a.m.

Wanda Holker, Secretary

REGION 1	Delegate 1	Delegate 2	Alternate
Bois de Sioux Watershed District	Linda Vavra		
Buffalo-Red River Watershed District	Peter Fjestad	Cathy Affield	
Cormorant Lakes Watershed District	None		
Joe River Watershed District	None		
Middle-Snake-Tamarac Rivers	Bill Petersen	Lein Schiller	
Pelican River Watershed District	Laurie Olson	Rick Michaelson	
Red Lake Watershed District	Gene Tiedemann		
Roseau River Watershed District	Jim Johnson	LaVerne Voll	
Sand Hill River Watershed District	Don Andringa		
Two Rivers Watershed District	Jerry Olsonawski	Daryl Klegstad	
Warroad River Watershed District	None		
Wild Rice Watershed District	Mike Christensen	Duane Erickson	
REGION 2	Delegate 1	Delegate 2	Alternate
Buffalo Creek Watershed District	None		
Cedar River Watershed District	None		
Clearwater River Watershed District	None		
Crooked Creek Watershed District	None		
High Island Creek Watershed District	None		
Kanaranzi-Little Rock Watershed District	None		
Lac Qui Parle-Yellow Bank Watershed District	Andrew Weber		
Middle Fork Crow River Watershed District	Ruth Schaefer	Jeff Gertgen	
North Fork Crow River Watershed District	Bob Brauchler	Jim Barchenger	Jim Weller
Okabena Ocheda Watershed District	Casey Ingenthron	Tom Ahlberg	
Shell Rock River Watershed District		Mike Lee	Brad Kramer
Turtle Creek Watershed District	None		
Upper Minnesota River Watershed District	Wanda Holker	Jon Bork	
Yellow Medicine River Watershed District	Tim Buysse	Randy Kamrath	
REGION 3	Delegate 1	Delegate 2	Alternate
Bassett Creek WMC	Joan Hauer		
Brown's Creek Watershed District	Celia Wirth		
Capitol Region Watershed District	Hawona Sullivan Janzen	Shawn Mazanec	Joe Collins
Carnelian Marine St. Croix Watershed District	Paul Richert	Nick Bancks	
Comfort Lake - Forest Lake Watershed District	Jackie Anderson		
Coon Creek Watershed District	Jim Hafner	Jason Lund	
Minnehaha Creek Watershed District	Bill Olson	Steve Sando	
Mississippi WMO	None		
Nine Mile Creek Watershed District	Chris-Ann Lauria	Brian Kirk	
Prior Lake Spring Lake Watershed District	Beverly Burnett	Bruce Loney	
Ramsey Washington Metro Watershed District	Benjamin Karp		Mark Gernes
Rice Creek Watershed District	Marcie Weinandt		
Riley Purgatory Bluff Creek Watershed District	Jill Crafton	Tom Duevel	
South Washington Watershed District	Mike Madigan	Emily Stephens	
Vadnais Lake Area WMO	None		
Valley Branch Watershed District	Don Pereira	Ed Marchan	



**MINNESOTA
WATERSHEDS**
Connecting People. Protecting Water.

2025-2026 LEGISLATIVE PLATFORM

Abstract

This document articulates clearly defined legislative policies so members and Minnesota Watersheds representatives on the Board of Water and Soil Resources Board, Clean Water Council, and Local Government Water Roundtable can accurately state our positions.

Adopted December 5, 2025

Contents

Purpose	3
Emerging Issues.....	3
Finance	3
1. Capacity.....	3
2. Grant Funding	4
Urban Stormwater	4
1. Stormwater Quality Treatment	4
2. Water Reuse	4
Water Quantity	4
1. Drainage	5
2. Funding	5
3. Flood Control	5
4. Regulation	5
5. Policy	6
Water Quality	6
1. Lakes.....	6
2. Wetlands	6
3. Rivers and Streams.....	6
4. Policy	6
Watershed Management and Operations	6
1. Watershed Powers	7
2. Watershed Duties.....	7
3. Watershed Planning	7
4. Human Resources	7
Agency Relations	7
1. Advocacy	7
2. Representation.....	8
3. Regulation	8
Regulations.....	8
Natural Resources	8
1. Planning	8
2. Policy	8

3. Habitat	9
Results	9
Water Quantity.....	9
Drainage (2024).....	9
Watershed Management and Operations	9
Watershed Duties (2025)	9
Watershed Planning (2024).....	10

Purpose

Minnesota Watersheds represents both watershed districts and watershed management organizations (collectively referred to as Watersheds). That representation underscores the necessity of protecting Watershed powers, duties, and planning responsibilities on a watershed basis.

This legislative platform outlines Minnesota Watersheds positions on legislative matters and serves as the foundation for our organization to support or oppose various local, state, and federal legislation. The legislative platform is based on adopted resolutions and emerging issues as identified by the MAWA Legislative Platform Committee and the Minnesota Watersheds Resolutions and Legislative Committees and adopted by the membership. It also is designed to clearly articulate defined legislative policies so members and Minnesota Watersheds representatives on the Board of Water and Soil Resources Board, Clean Water Council, and Local Government Water Roundtable can accurately state our positions.

When a resolution sunsets at the end of five years, it is removed from our Active Resolutions but remains as a policy in the Legislative Platform.

Emerging Issues

New or developing problems or concerns may arise that require attention before or during the legislative session. Those problems or concerns likely have not been addressed through the resolutions process, may or may not be identified in the legislative platform, but will need to be addressed by the lobbying team and executive director through attendance and meetings, written comments, testifying at hearings, or legislation. Flexibility is necessary so that the lobbying team and executive director can be proactive on behalf of Minnesota Watersheds with state agencies, non-governmental organizations, and at the legislature.

The Minnesota Watersheds Manual of Policy and Procedures states: *In the event legislation or state agency policy is introduced that may cause harm to Minnesota Watersheds members and there is no policy adopted by Minnesota Watersheds on the issue, the Minnesota Watersheds Board of Directors may review the legislation or policy and adopt a temporary position on the issue on behalf of the organization. The policy position will be in effect until the next annual resolutions hearing. At that time, the membership must review the policy position and vote on whether it should become a permanent policy position or should expire.*

Finance

Watersheds are tasked with many responsibilities by Minnesota statute and local priorities are set by their boards. To effectively perform those duties, adequate funding is necessary. Although some Watersheds have levy authority, there are many other avenues of funding that are important for achieving local water management, as well as water quality and quantity goals.

1. Capacity

- a. Support Clean Water Funds for implementation, not capacity (Resolution 2021-01A and B)
- b. Support capacity funding for watershed districts (Resolution 2021-02)
- c. Seek Revision to MN Statute 383B.79 to Include Watershed Management Organizations (Resolution 2025-02)
- d. Support General Fund repayment of Soil and Water Conservation District capacity funds to the Clean Water Fund

2. Grant Funding

- a. Support metro watershed-based implementation funding for approved 103B plans only (Resolution 2021-07)
- b. Support a more equitable formula for watershed-based implementation funding in the metro
- c. Lobby for watershed-specific grant funding
- d. Lobby for the flood hazard mitigation grant program

Urban Stormwater

Watersheds and land use management partners work to reduce polluted stormwater runoff and/or increase infiltration from urbanization and hard surfaces. Many Watersheds in the state have adopted regulatory standards and/or official controls to successfully manage urban stormwater when land alterations occur. Watersheds also implement a variety of urban stormwater management practices to treat runoff before it enters our lakes, streams, and wetlands.

1. Stormwater Quality Treatment

- a. Support limited liability for certified commercial salt applicators (Resolution 2022-02)
- b. Support, partner/collaborate with a municipal separate storm sewer system (MS4s – municipal separate storm sewer system) (if/where appropriate) in permit compliance activities
- c. Support the use of green infrastructure and minimizing impervious surfaces, where practical, in urban development and planning
- d. Where it may exist, support removing duplication of urban stormwater regulatory standards and controls
- e. Support the rescission of the Department of Labor and Industry/Plumbing Board Final Interpretation of Inquiry PB0159, storm drainage surcharge to return to common engineering practice for stormwater pond design

2. Water Reuse

- a. Support the Stormwater Reuse Task Force and for the Minnesota Department of Health to complete a review process (Resolution 2022-01)
- b. Support efforts to clarify and simplify State Plumbing Board rulings and requirements to facilitate more reuse of rainwater/stormwater

Water Quantity

Watersheds are directed by statute to conserve the natural resources of the state by land use planning, flood control, and other conservation projects. Specific purposes refer to flood damage reduction, stream flows, water supply, and drainage systems, as well as to identify and plan for effective protection and improvement of surface water and groundwater, and to protect and enhance fish and wildlife habitat and water recreational facilities. Numerous past, present, and future legislative initiatives have affected how water quantity issues are managed at the local level. This very broad-based topic includes management of the volume of water (drought, flooding, water supply), the flow of water (drainage, storm water, channel restoration, habitat), and recreational (lakes, rivers, wetlands) activities like fishing, boating, and hunting.

1. Drainage

- a. Support the current statutory requirements for notification and coordination in the development of petitioned repairs, drainage improvement projects, and new drainage systems
- b. Support the addition of a classification for public drainage systems that are artificial watercourses
- c. Seek increased support for and participation in the Drainage Work Group (Resolution 2022-03)
- d. Oppose the drainage registry information portal
- e. Oppose incorporating increased environmental, land use, and multipurpose water management criteria (M.S. 103E.015 requirements)
- f. Support new legislation modeled after HF2687 and SF2419 (2018) regarding Department of Natural Resources regulatory authority over public drainage maintenance and repairs (Resolution 2023-03)
- g. Support a Legislative Amendment to Expand the Wetland Conservation Act Exemption of Public Drainage System Reports (Resolution 2025-01)
- h. Oppose mandatory Environmental Assessment Worksheets for drainage projects
- i. Investigate ways of maintaining water flow during periods of drought and explore opportunities for aquifer recharge
- j. Support increased state funding for planning and implementation of multipurpose drainage projects
- k. Oppose state rulemaking to regulate agricultural drainage
- l. Clarify that MPCA and DNR coordinate their activities, wherever appropriate, with the activities of watershed organizations and give deference to local government units implementing approved watershed management plans, comprehensive watershed management plans adopted under section 103B.801, total maximum daily load studies, and watershed restoration and protection strategies

2. Funding

- a. Obtain stable funding for flood damage reduction and natural resources enhancement projects (Resolution 2022-05)
- b. Clarify county financing obligations and/or authorize watershed district general obligation bonding for public drainage projects

3. Flood Control

- a. Support crop insurance to include crop losses within impoundment areas (Resolution 2021-05)
- b. Seek action for streamlining the Department of Natural Resources Flood Hazard Mitigation Grant Program (Resolution 2023-04)

4. Regulation

- a. Support temporary water storage on Department of Natural Resources wetlands during major flood events
- b. Support managing water flows in the Minnesota River Basin (statewide) through increased water storage and other strategies and practices

- c. Work with Minnesota Department of Transportation to support flood control and how to handle increased water volume issues along state and federal highway systems (example from Bemidji district of the Minnesota Department of Transportation)

5. Policy

- a. Support funding for watershed-based climate resiliency projects and studies
- b. Support funding for best management practices that protect and enhance groundwater supply
- c. Seek the ability to allow resale of acquisition buyout property (Resolution 2024-04)

Water Quality

Protecting and improving the quality of surface and ground water in our Watersheds is an essential component of managing water resources on a watershed basis.

1. Lakes

- a. Support limiting wake boat activities (Resolution 2022-06)
- b. Support designation change and research needs for the Chinese Mystery Snail
- c. Support temporary lake quarantine authorization to control the spread of aquatic invasive species
- d. Support streamlining permit applications for rough fish management
- e. Support dredging as a best management practice to manage internal phosphorus loads in lakes

2. Wetlands

- a. Support a statutory requirement for water level control structures in wetland restorations and wetland banks
- b. Support federal, state, and local funding for wetland restoration and protection activities
- c. Seek clarification of the statutorily modified definition of wetlands and the effects on watershed implementation of the Wetland Conservation Act ([Minnesota Laws 2024, Chapter 90, Article 3, section 77](#))

3. Rivers and Streams

- a. Support a statutory deadline for Department of Natural Resources Public Waters Work Permits (45-60 days)
- b. Support automatic transfer of public waters work permits to Watersheds (M.S. Chapter 103G.245 Subd.5)

4. Policy

- a. Support funding for watershed-based climate resiliency projects and studies
- b. Support funding for best management practices that protect groundwater quality
- c. Support development, adoption, and implementation of regulatory approaches to reducing chloride contamination in waters of the state (Resolution 2024-01)

Watershed Management and Operations

Protecting, enhancing, defending, and supporting existing Watershed statutory powers, duties, and planning responsibilities is necessary for effective and efficient watershed management and operations.

Specific Watershed powers, duties, and planning responsibilities are contained in Minnesota Statutes [Chapter 103B](#) and [Chapter 103D](#).

1. Watershed Powers

- a. Support and defend eminent domain powers [and the statutory appeals process](#) for watershed districts [as provided in M.S. 103D and 103E](#)
- b. Support Watershed powers to levy property taxes and collect special assessments
- c. Support a watershed district's power to accept the transfer of drainage systems in the watershed; to repair, improve, and maintain the transferred drainage systems; and to construct all new drainage systems and improvements of existing drainage systems in the watershed
- d. Support a Watershed's power to regulate the use and development of land within its boundaries

2. Watershed Duties

- a. Support a Watershed's duty to initiate projects
- b. Support a Watershed's duty to maintain and operate existing projects
- c. Allow alternative notice of watershed district proceedings by publication on the district's website (Resolution 2024-02)
- d. Support a Legislative Amendment to Clarify the Deadline for Watershed Districts to Certify Levies (Resolution 2025-06)

3. Watershed Planning

- a. Support a Watershed's ability to jointly or cooperatively manage and/or plan for the management of surface and ground water
- b. Support the connection between watershed-based implementation and funding
- c. Support development of a soil health goal for metropolitan watershed management plans
- d. Support education and outreach to encourage formation of watershed districts in unserved areas (Resolution 2023-06)

~~4. Human Resources~~

- ~~Seek revision to Minnesota Statute 471.617 to Include Watershed Districts and Watershed Management Organizations (Resolution 2025-04)~~

Agency Relations

Watershed organizations work with many federal and state agencies to accomplish their mission. While relationships vary from administrative to funding and regulatory, agency policies and procedures can have a major impact on Watershed operations and projects. Maintaining strong, positive relations and ensuring Watersheds have a role in policy making is key to successful watershed management and operations.

1. Advocacy

- a. Require a 60-day review period before state agencies adopt new policies related to water and watershed management (Resolution 2021-06)
- b. Increase collaborative efforts between Minnesota Watersheds and all state agencies involved in water management

2. Representation

- a. Support watershed district managers being appointed, not allowing county commissioners to serve as managers

3. Regulation

- a. Streamline the Department of Natural Resources permitting process by increasing responsiveness, decreasing the amount of time it takes to approve permits, providing a detailed fee schedule prior to application, and conducting water level management practices that result in their reaction more quickly to serious, changing climate conditions
- b. Require watershed district permits for all state agencies (Resolution 2023-01)
- c. Oppose mandatory Environmental Assessment Worksheets for drainage projects
- d. Request support to request new legislation to set permit review time limits upon the Department of Natural Resources (Resolution 2024-13)
- e. Seek Legislative Reform to Increase MDNR and MPCA Permit Efficiency and Define Permit Application Completeness (Resolution 2025-03)
- f. Improve Mitigation Under the Minnesota Endangered Species Act (Resolution 2025-05)

Regulations

Watershed representation on state and local panels and committees and the ability for Watersheds to regulate development and use of land within the organization's boundaries without prohibitive regulatory restrictions is necessary.

- a. Oppose legislation that forces spending on political boundaries
- b. Support the ability to appeal public water designations
- c. Seek Watershed membership on Wetland Technical Evaluation Panels (Resolution 2024-03)

Natural Resources

Minnesota Statutes direct Watersheds to conserve the natural resources of the state. Some of the purposes listed in statute are to conserve water in streams and water supply, alleviate soil erosion and siltation of water courses or water basins, regulate improvements by riparian property owners of the beds, banks, and shores of lakes, streams, and wetlands for preservation and beneficial public use; protect or enhance the water quality in water courses or water basins; and protect and preserve groundwater resources.

1. Planning

- a. Ensure timely updates to Wildlife Management Area plans
- b. Support Watershed inclusion in development of state plans (i.e., Prairie Plan, State Water Plan, etc.) related to water and watershed management

2. Policy

- a. Support funding for climate resiliency
- b. Seek clarification in the statutory language regarding funding for and updating the public waters inventory ([Minnesota Laws 2024, Chapter 116, Article 3, section 47](#))
- c. Seek the Department of Natural Resources to establish a "Comprehensive Guideline for Calcareous Fen Management" (Resolution 2024-05)

- d. Seek the Department of Natural Resources to adopt a program to incentivize calcareous fen management on private lands (Resolution 2024-07)
- e. Seek a formal process to distribute a complete list of calcareous fens annually (Resolution 2024-10)
- f. Seek the development of a calcareous fen work group (Resolution 2024-12)

3. Habitat

- a. Clarify buffer rule issues
- b. Support funding to reduce erosion and sedimentation
- c. Support funding for the enhancement, establishment, and protection of stream corridors and riparian areas
- d. Support funding for the enhancement and protection of habitats

Results

This section will document when an issue is resolved.

Water Quantity

Drainage (2024)

- Comply with the legislative mandate to review outlet adequacy and notification requirements in the Drainage Work Group
 - During the 2023 legislative session ([Minnesota Laws 2023, Chapter 60, Article 5, section 21](#)), BWSR and the DWG were directed by the legislature to evaluate and develop recommendations on the definition and application of outlet adequacy as provided in M.S. Chapter 103E.261 and public notice requirements for drainage activities, including a drainage registry portal. The report was developed during DWG meetings following the 2023 legislative session. The report was submitted to the legislature on February 1, 2024 as required by the statutory language.

Watershed Management and Operation

Human Resources (2026)

- Seek revision to Minnesota Statute 471.617 to Include Watershed Districts and Watershed Management Organizations (Resolution 2025-04)
 - SF3887 Pratt, Klein/HF3571 Bakeberg, Tabke, Cha, McDonald. A bill for an act relating to local government; allowing watershed districts to self-insure for certain employee health benefits; making technical changes; amending Minnesota Statutes 2024, section 471.617, subdivisions 1, 2, 4, 4a. Passed both the House and Senate. Signed into law by Governor Walz on May 5.

Watershed Duties (2025)

- Support increased flexibility in the open meeting law
 - During the 2025 legislative session, the Open Meeting Law was amended to remove some of the requirements for remote meeting participation using interactive technology. Watershed boards and other local government bodies may conduct their meetings using interactive technology so long as:

- all members of the body participating in the meeting, wherever their physical location, can hear and see one another and can hear and see all discussion and testimony presented at any location at which at least one member is present;
- members of the public present at the regular meeting location of the body can hear and see all discussion and testimony and all votes of members of the body;
- at least one member of the body is physically present at the regular meeting location; and
- all votes are conducted by roll call so each member's vote on each issue can be identified and recorded.

Watershed Planning (2024)

- Support watershed autonomy during and following a One Watershed, One Plan development process
 - Changes were made to clarify and modernize M.S. Chapter 103D during the 2024 legislative session ([Minnesota Laws 2024, Chapter 90, Article 3, section 42](#)). M.S. Chapter 103D.401 was clarified that a watershed district maintains the authority to adopt a plan even when participating in a comprehensive watershed management planning program under section 103B.801 (One Watershed, One Plan/1W1P).

Legislative Committee Recommendations



The committee's recommendations on resolutions are as follows.

#	Resolution Title	Committee Recommendation
1	Encouraging DNR and USFWS to Construct Retention Sites on DNR and USFWS Lands for Storing Water	Recommends adoption
2	Supporting Dedicated State Funding for SWCD and Watershed District Shoreline Management Assistance	Recommends adoption
3	Supporting Statewide Training and Certification for Shoreline Management Staff	Recommends adoption
4	Supporting Improved Public Education and Updated Shoreline Management Guidance	Recommends adoption
5	Supporting Rule and Process Improvements for Public Waters Shoreline Alteration Management	Recommends adoption
6	Seeking Revision of Minnesota State 477A.19 to Preserve \$10 Million of Aquatic Invasive Species Prevention Aid	Recommends adoption
7	Seeking Establishment of Hazard Mitigation Fund	Recommends adoption
8	Seeking Legislation that Allows Stormwater as an Alternative Water Sources for Outdoor Uses	Recommends adoption
9	To Protect Lake Ecosystems and Shoreline Integrity from Wake Boat Impacts	Recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-01

Resolution Encouraging DNR and USFWS to Construct Retention Sites on DNR and USFWS Lands for Storing Water

Proposing District: Wild Rice Watershed District
Contact Name: Tara Jensen, Administrator
Phone Number: 218-784-5501
Email Address: tara@wildricewatershed.org

Background that led to submission of this resolution:

Our Board of Managers feels that land owned by DNR and USFWS would provide opportunities for retention sites to store excess waters on wetlands owned and controlled by DNR and USFWS.

The primary goal outlined in the resolution is to reduce the frequency and severity of flooding impacts across Minnesota by increasing the capacity to temporarily store excess water during major flood events. The resolution emphasizes the strategic use of existing wetlands owned and managed by the DNR and USFWS as potential retention sites. This approach is intended to protect both public and private property by reducing downstream flood risks and providing opportunities for habitat improvements.

Additionally, the resolution supports a coordinated, interagency approach, including watershed districts, state agencies, and federal partners, to evaluate and implement these opportunities through a formal review process. The resolution does not establish detailed technical criteria or reference specific management plans; rather, it sets a policy direction and framework for further evaluation and collaboration.

The resolution proposes the establishment of a committee to work collaboratively with the DNR and USFWS to identify existing wetlands on public lands that could serve as floodwater retention sites.

While the resolution itself does not specifically reference LiDAR or other geospatial tools, the intent is to conduct a systematic identification and evaluation process of publicly owned wetlands. This effort will be improved by the high-resolution LiDAR that has been collected across the state of Minnesota. The ultimate tools and methodologies for that evaluation are not defined within the resolution and would be determined through coordination with the participating agencies.

Efforts to solve the problem

Our staff has worked with DNR to construct a control structure on the Goose Prairie WMA to allow excessive flood waters to be held during an identified date range in the spring. This structure allows excess floodwaters to be temporarily retained during a defined window in the spring, demonstrating the feasibility of using existing public wetlands for managed floodwater storage. This effort provides a successful, real-world example of how interagency coordination can result in functional projects that help reduce downstream flood impacts while also providing opportunities to improve habitat.

We would like there to be more effort and communication to encourage DNR and USFWS to review other parcels in which water could be stored to alleviate downstream flooding impacts.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Communicate the possibility to utilize public lands to store water with legislators in an effort to have them support the resolution and develop a committee to review public lands and potential storage opportunities which can occur on them.

Anticipated support or opposition

This resolution would be of interest to other watershed districts, counties, cities and wildlife organizations.

This issue: (check all that apply)

Applies only to our district		Requires legislative action	
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-01

Resolution Encouraging DNR and USFWS to Construct Retention Sites on DNR and USFWS Lands for Storing Water

WHEREAS, the WRWD discussed the frequent, severe floods within the State of Minnesota and further discussed ways to reduce flood impacts; and

WHEREAS, it is the WRWD's desire for watershed districts and other drainage authorities within the State of Minnesota to discuss with the DNR and the USFWS about the construction of retention sites on certain existing wetlands owned by the Minnesota DNR and U.S. Fish and Wildlife Service for the temporary diversion and storage of excess water in times of major flood events within said retention sites as doing so would reduce flood impacts to both private and public property.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds appoint a committee to meet with the DNR and USFWS, identify existing wetlands owned by DNR and USFWS that could serve as retention sites, and discuss the potential for construction of retentions sites and storage of excess waters on said existing wetlands owned and controlled by DNR and USFWS in times of major flood events.

Notes: Committee recommends adoption

Summary Background and Rationale for Shoreline Management Resolutions #2 - #5

Background that led to the submission of these resolutions

Minnesota's natural shorelines are continuing to disappear, contributing to degraded lake water quality, reduced habitat, and declining aquatic biological health. The 2023 Natural Shoreline Partnership report, *Minnesota's Vanishing Natural Shorelines: A Loss that Contributes to Degraded Lake Quality*, found that approximately 40 to 50 percent of Minnesota's natural shorelines have already been lost, and that natural shoreline loss is continuing at an estimated rate of 1 to 2 percent per decade. The report also found that mowed "lawn down to lake" shorelines allow 7 to 9 times more phosphorus to enter lakes than naturally vegetated shorelines and recommends a reasonable protection and restoration goal that 75 percent of a shoreline exist in natural vegetation at least 25 feet landward from the lake.

To explore this issue in greater depth, the statewide Natural Shoreline Partnership formed a Shoreline Protection Subcommittee to identify ways to improve how state agencies, local governments, SWCDs, watershed districts, and other partners regulate and provide technical services for shoreline property owners. The Subcommittee met several times between September 2024 and April 2025 to review challenges with existing state and local rules, DNR Public Water Restoration Rules, shoreline assessments, sand blankets, ice heaves, general permits, and DNR enforcement procedures.

A central conclusion of the Subcommittee was that Minnesota's public waters rules are not necessarily the primary barrier to natural shoreline protection. Rather, many of the most significant challenges arise from how shoreline alteration rules are explained to the public, how those rules are administered, how consistently they are applied, and how state and local governments coordinate on projects that often affect areas both above and below the ordinary high water level.

Several recurring issues were identified. Public-facing DNR guidance for riprap, sand blankets, and ice-heave repair may be outdated, misunderstood, or applied inconsistently. "No permit required" shoreline activities can be difficult to track and verify. Criteria for determining demonstrated erosion need are not always clear. Coordination among DNR, SWCDs, watershed districts, counties, cities, and townships varies across the state. Public agencies have also lost technical capacity for natural shoreline restoration, bioengineered stabilization, and field-based landowner assistance.

These issues create practical problems for landowners, contractors, local governments, and state agencies. Landowners may receive inconsistent information. Contractors may rely on long-standing practices that do not fully protect natural shoreline functions. Local governments may be asked to respond to shoreline impacts without adequate funding, training, or technical support. DNR staff may face increasing expectations without updated guidance, consistent procedures, or sufficient interagency coordination.

The following four resolutions are intended to address these related but distinct needs:

1. **Dedicated State Funding for Local Shoreline Management Assistance** — to build local capacity for landowner assistance, site evaluations, project review, restoration support, and permit coordination.
2. **Statewide Shoreline Management Training and Certification Program** — to improve consistency and technical understanding among state and local staff involved in shoreline evaluation, restoration, permitting, compliance, and landowner assistance.
3. **Updated Public Shoreline Guidance and Education** — to replace outdated public-facing shoreline alteration guidance and improve statewide communication about natural shoreline protection, bioengineering, riprap, sand blankets, ice-heave repair, permits, and alternatives to hard armoring.
4. **Public Waters Rule and Process Improvements for Shoreline Alterations** — to improve consistency in DNR implementation, develop clearer shoreline evaluation procedures, strengthen coordination among agencies and local governments, address recurring contractor violations, and improve rule and process clarity.

Together, these resolutions request that Minnesota Watersheds support state agency advocacy and, where necessary, legislative action to improve natural shoreline protection and restoration. The intent is not to create unnecessary regulation, but to make shoreline management more consistent, practical,

understandable, and effective for landowners, contractors, local governments, and state agencies while better protecting Minnesota's public waters and natural shoreline functions.

This issue applies statewide and affects watershed districts, watershed management organizations, SWCDs, counties, cities, townships, lake associations, landowners, contractors, DNR, BWSR, MPCA, and other partners involved in shoreline management and public waters protection.

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-02

Resolution Supporting Dedicated State Funding for SWCD and Watershed District Shoreline Management Assistance

Proposing District: Carnelian Marine St. Croix Watershed District
Contact Name: Mike Isensee, Administrator
Phone Number: 612-839-6492
Email Address: mike.isensee@cmscwd.org

Background that led to the submission of this resolution

Minnesota's natural shorelines continue to be lost or degraded through cumulative shoreline alterations, vegetation removal, hard armoring, grading, sand blankets, and other activities that reduce water quality, habitat, and lake resilience. Local governments, including Soil and Water Conservation Districts, watershed districts, watershed management organizations, counties, cities, and townships, are often the first point of contact for landowners seeking help with shoreline stabilization, restoration, permitting, and natural shoreline alternatives.

As the Minnesota Department of Natural Resources and other partners improve shoreline evaluation, guidance, and implementation of public waters restoration and shoreline management requirements, additional workload will likely fall on local partners. Many SWCDs and watershed districts do not currently have dedicated funding or staff capacity to provide consistent technical assistance, site visits, project review, landowner support, monitoring, and follow-through for shoreline management.

Successful shoreline protection depends on timely, locally available assistance that helps landowners understand and implement natural shoreline practices before hard armoring or other damaging alterations occur.

Efforts to solve the problem

The statewide Natural Shoreline Partnership has documented the continuing loss of natural shoreline and the need for stronger coordination, education, technical assistance, incentives, and restoration support. A Shoreline Protection Subcommittee later examined shoreline alteration management in more detail and identified a need to rebuild local and state technical capacity for natural shoreline restoration, bioengineering, landowner assistance, and coordinated review.

Local governments, SWCDs, watershed districts, and lake associations already provide outreach and technical support where capacity exists. However, this assistance is inconsistent statewide because it often depends on local funding, grants, or limited staff availability.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Yes. Legislative action is likely needed to establish dedicated and ongoing state funding for local shoreline management assistance.

The purpose of legislative action would be to create a stable state funding source that supports SWCDs, watershed districts, watershed management organizations, and other local partners in providing shoreline technical assistance, landowner site visits, project design support, permit coordination, monitoring, and implementation assistance.

If legislative action is not immediately pursued, Minnesota Watersheds should advocate with DNR, BWSR, MPCA, and legislative committees to recognize shoreline management as a shared state-local responsibility and to include shoreline technical assistance in future state funding programs.

Anticipated support or opposition

Support is anticipated from watershed districts, watershed management organizations, SWCDs, lake associations, local governments, fisheries and habitat advocates, and organizations working to protect water quality and aquatic life.

Opposition or concern may come from parties concerned about new state spending or increased local government involvement in shoreline projects. These concerns can be addressed by emphasizing that the funding is intended to provide practical landowner assistance, improve consistency, reduce confusion, and support voluntary natural shoreline restoration before enforcement or regulatory conflicts occur.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions	x	Requires state agency advocacy	x
Applies to the entire state		Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-02

Resolution Supporting State Funding for SWCD and Watershed District Shoreline Management Assistance

WHEREAS, Minnesota’s lakes, rivers, and public waters provide substantial public benefits, including water quality, fish and wildlife habitat, flood resilience, recreation, and property value protection; and

WHEREAS, Minnesota’s natural shorelines continue to be lost or degraded through cumulative shoreline alterations, vegetation removal, hard armoring, grading, and other activities that reduce habitat and water quality benefits; and

WHEREAS, the Minnesota Department of Natural Resources is working to improve shoreline evaluation, guidance, and implementation of public waters restoration and shoreline management requirements; and

WHEREAS, improved shoreline evaluation and implementation will likely create additional workload for local governments, including Soil and Water Conservation Districts, watershed districts, watershed management organizations, counties, and other local partners; and

WHEREAS, Minnesota Statute 383B.79 does not expressly include joint powers watershed management organizations (WMOs) in the list of political subdivisions allowed to officially participate in these programs.

WHEREAS, local governments are often the first point of contact for landowners seeking assistance with shoreline stabilization, restoration, permitting, and natural shoreline alternatives; and

WHEREAS, many SWCDs and watershed districts do not currently have adequate dedicated funding or staff capacity to provide consistent technical assistance, site evaluations, landowner support, and project follow-through for shoreline management; and

WHEREAS, successful shoreline protection and restoration depends on timely, practical, and locally available technical assistance that helps landowners understand and implement natural shoreline practices before hard-armoring or other damaging alterations occur.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports the creation of dedicated state funding to assist Soil and Water Conservation Districts, watershed districts, watershed management organizations, and other local government partners with shoreline management technical assistance, project review, landowner support, and implementation.

BE IT FURTHER RESOLVED that this funding should support local staff time, technical evaluations, landowner site visits, project design assistance, permit coordination, monitoring, and follow-up needed to advance natural shoreline protection and restoration.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports state funding that recognizes shoreline management as a shared state-local responsibility requiring adequate and ongoing local capacity.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-03

Resolution Supporting Statewide Training and Certification for Shoreline Management Staff

Proposing District: Carnelian Marine St. Croix Watershed District
Contact Name: Mike Isensee, Administrator
Phone Number: 612-839-6492
Email Address: mike.isensee@cmsc wd.org

Background that led to submission of this resolution

Shoreline management decisions often require technical evaluation of erosion causes, shoreline condition, vegetation, soils, slopes, wave energy, ice action, habitat impacts, water quality impacts, and the suitability of proposed stabilization or restoration methods. Inconsistent understanding and application of shoreline standards can result in inconsistent permitting decisions, landowner confusion, unnecessary hard armoring, and continued loss of natural shoreline functions.

The Wetland Conservation Act provides a useful model for structured training, certification, and interagency review that helps support consistent implementation across jurisdictions. Shoreline management would benefit from a similar statewide training and certification program for state and local staff involved in shoreline evaluation, permitting, restoration, compliance, and technical assistance.

Efforts to solve the problem

The Natural Shoreline Partnership's Shoreline Protection Subcommittee reviewed DNR Public Waters Rules, riprap, sand blankets, ice heaves, general permits, enforcement procedures, and local shoreline assessment work. The Subcommittee identified the need for shared training standards, consistent terminology, common evaluation methods, and improved understanding of natural shoreline restoration and bioengineering alternatives.

Local staff, SWCDs, watershed districts, counties, cities, townships, and DNR staff currently work on shoreline issues, but training and technical capacity vary significantly across the state. This creates inconsistent outcomes for landowners and natural resource protection.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Legislative action may be needed if a formal statewide certification program requires statutory authority, dedicated funding, or direction to state agencies.

The purpose of legislative action would be to direct or fund the development of a statewide shoreline management training and certification program, modeled in part on the structured training and certification approach used for Wetland Conservation Act implementation. The program should include shoreline condition evaluation, erosion drivers, natural shoreline design, bioengineering methods, public waters permitting requirements, restoration standards, vegetation protection, habitat impacts, enforcement considerations, and long-term maintenance.

If legislation is not required, Minnesota Watersheds should advocate for DNR, BWSR, MPCA, SWCDs, watershed districts, and other partners to develop and implement the training program administratively.

Anticipated support or concern

Support is anticipated from watershed districts, SWCDs, local governments, state agency staff, lake associations, and professional organizations seeking more consistent shoreline evaluation and permitting.

Opposition or concern may come from those concerned about additional certification requirements, cost, or administrative burden. These concerns can be addressed by designing the program to improve consistency, provide practical field-based training, and support better landowner service rather than simply adding new requirements.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-03

Resolution Supporting Statewide Training and Certification for Shoreline Management Staff

WHEREAS, shoreline management decisions often require technical evaluation of erosion causes, shoreline condition, vegetation, soils, slopes, wave energy, ice action, habitat impacts, water quality impacts, and the suitability of proposed stabilization or restoration methods; and

WHEREAS, inconsistent understanding and application of shoreline standards can result in inconsistent permitting decisions, landowner confusion, unnecessary hard armoring, and continued loss of natural shoreline functions; and

WHEREAS, the Wetland Conservation Act provides a useful model for technical training, certification, and interagency review that helps support more consistent implementation across jurisdictions; and

WHEREAS, shoreline management would benefit from a similar structured training and certification program for state and local staff involved in shoreline evaluation, permitting, restoration, compliance, and technical assistance; and

WHEREAS, watershed districts, watershed management organizations, SWCDs, counties, cities, townships, and DNR staff would benefit from shared training standards, consistent terminology, and common evaluation methods; and

WHEREAS, certification-based training would help ensure that shoreline evaluations consider the cause and degree of shoreline change, the impacts of proposed alterations, and the availability of natural or bioengineering alternatives before structural hard armoring is authorized.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports development of a statewide shoreline management training and certification program for state and local staff, modeled in part on the structured training and certification approach used for Wetland Conservation Act implementation.

BE IT FURTHER RESOLVED that the training program should include evaluation of shoreline condition, erosion drivers, natural shoreline design, bioengineering methods, public waters permitting requirements, restoration standards, vegetation protection, habitat impacts, enforcement considerations, and long-term maintenance.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports development of a consistent shoreline evaluation framework that can be used by DNR staff, SWCDs, watershed districts, counties, cities, townships, and other local partners.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports the use of technical evaluation panels or similar interagency review processes for complex shoreline alteration proposals, similar in concept to technical review processes used under the Wetland Conservation Act.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-04

Resolution Supporting Improved Public Education and Updated Shoreline Management Guidance

Proposing District: Carnelian Marine St. Croix Watershed District
Contact Name: Mike Isensee, Administrator
Phone Number: 612-839-6492
Email Address: mike.isensee@cmscwg.org

Background that led to submission of this resolution

Landowners, contractors, consultants, local officials, and local government staff rely on public-facing information from the Minnesota Department of Natural Resources when evaluating shoreline stabilization, restoration, and alteration options.

The Natural Shoreline Subcommittee identified several recurring issues with DNR guidance for riprap, sand blanket, and ice-heave “no permit required” documents. Requirements are often unmet, misunderstood or ignored; “no permit required” shoreline alterations are difficult to track and verify; criteria for determining a demonstrated need for riprap are ambiguous or inconsistently applied;

The outdated or incomplete shoreline alteration guidance documents can create confusion and may encourage practices that are not aligned with current natural shoreline science, restoration standards, state statute, or the protection of public waters.

Older riprap guidance and similar materials contribute to misunderstanding about when riprap is appropriate, what alternatives should be considered, and how natural shoreline functions should be protected. Public education materials should clearly identify the limited circumstances in which riprap, sand blankets, and ice-ridge repair are appropriate, explain the benefits of natural shorelines, including water quality protection, fish and wildlife habitat, slope stability, wave energy dissipation, climate resilience, and long-term property protection.

Efforts to solve the problem

The Natural Shoreline Partnership developed Minnesota’s Vanishing Natural Shorelines, which documented the scale of natural shoreline loss and the connection between shoreline alteration and degraded lake quality. The Shoreline Protection Subcommittee then identified the need to update public-facing shoreline materials, improve consistency in messaging, and better explain the difference between natural shoreline restoration, bioengineered stabilization, riprap, retaining walls, beach creation, vegetation removal, grading, and other shoreline alterations.

Local governments, SWCDs, watershed districts, lake associations, and state agencies already provide public education, but messaging is not always consistent and may be undermined by older or outdated state guidance still available to the public.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Legislative action is not necessarily required if DNR can update all public-facing guidance, webpages, fact sheets, and permit materials administratively.

However, legislative action may be appropriate if agency direction or funding is needed to ensure outdated materials are replaced and updated guidance is developed in coordination with local governments, SWCDs, watershed districts, BWSR, MPCA, lake associations, and other partners.

The purpose or intent would be to ensure that Minnesota’s public shoreline guidance reflects current natural shoreline science, state statute, best available restoration practices, and clear permitting expectations.

If legislation is not pursued, Minnesota Watersheds should advocate directly with DNR and partner agencies to replace outdated shoreline alteration guidance, including older “Shoreline Alterations: Riprap” materials, and to coordinate statewide public education on natural shoreline protection and restoration.

Anticipated support or concern

Support is anticipated from watershed districts, SWCDs, lake associations, local governments, habitat advocates, and organizations working to improve water quality and shoreline stewardship.

Opposition or concern may come from various divisions or regional offices within the Minnesota Department of Natural Resources that have relied on existing shoreline alteration guidance, fact sheets, and implementation practices for decades. Concerns may include staff capacity to update guidance, uncertainty about changing long-standing interpretations, the need for internal consistency across DNR programs and regions, concern that revised materials could increase review workload, and reluctance to create expectations that existing past practices were inadequate or inconsistent.

This issue (check all that apply)

Applies only to our district		Requires legislative action	
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-04

Resolution Supporting Improved Public Education and Updated Shoreline Management Guidance

WHEREAS, landowners, contractors, consultants, local officials, and local government staff rely on public-facing information from the Minnesota Department of Natural Resources when evaluating shoreline stabilization, restoration, and alteration options; and

WHEREAS, outdated shoreline alteration guidance can create confusion and may encourage practices that are not fully aligned with current natural shoreline science, restoration standards, state statute, or the protection of public waters; and

WHEREAS, the continued public availability of older shoreline riprap guidance may contribute to misunderstanding about when riprap is appropriate, what alternatives should be considered, and how natural shoreline functions should be protected; and

WHEREAS, Minnesota's public education materials should clearly explain the benefits of natural shorelines, including water quality protection, fish and wildlife habitat, slope stability, wave energy dissipation, climate resilience, and long-term property protection; and

WHEREAS, effective public education should help landowners understand the difference between natural shoreline restoration, bioengineered stabilization, riprap, retaining walls, beach creation, vegetation removal, grading, and other shoreline alterations; and

WHEREAS, updated public education materials should support consistent messaging by DNR, SWCDs, watershed districts, counties, cities, townships, lake associations, contractors, consultants, and other partners.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports the Minnesota Department of Natural Resources updating its public-facing shoreline management webpages, guidance documents, permit materials, and educational resources to reflect current natural shoreline science, state statute, and best available restoration practices.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports replacing outdated "Shoreline Alterations: Riprap" guidance and similar materials with updated guidance that more clearly prioritizes avoidance, minimization, natural shoreline restoration, bioengineering, vegetation protection, and long-term shoreline function.

BE IT FURTHER RESOLVED that updated public education materials should clearly identify when permits or notifications are required, what activities may violate public waters rules, and what alternatives are available to landowners before hard armoring is pursued.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports coordinated public education among DNR, BWSR, SWCDs, watershed districts, counties, cities, townships, lake associations, and other partners to promote consistent shoreline management information statewide.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-05

Resolution Supporting Rule and Process Improvements for Public Waters Shoreline Alteration Management

Proposing District: Carnelian Marine St. Croix Watershed District
Contact Name: Mike Isensee, Administrator
Phone Number: 612-839-6492
Email Address: mike.isensee@cmsc wd.org

Background that led to submission of this resolution

Minnesota Rules part 6115.0215 establishes requirements for restoration and alteration of public waters, including activities that affect shorelines, beds, banks, and public water resources. Consistent implementation of Minnesota's public waters rules is necessary to protect natural shorelines, water quality, aquatic habitat, and the public interest in lakes, rivers, and streams.

Watershed districts and other local government partners have identified discrepancies and inconsistencies in the implementation of shoreline alteration rules, guidance, permitting, notification, and enforcement. These inconsistencies can result in landowner confusion, uneven regulatory outcomes, continued shoreline degradation, and reduced confidence in state and local shoreline management programs.

Shoreline alteration decisions should include a clear evaluation of existing shoreline condition, the cause and degree of shoreline change, the proposed alteration, less-impactful alternatives, and cumulative impacts to public waters. Contractors who repeatedly conduct shoreline alterations without required notice, permits, or approvals can create significant damage to public waters and place landowners and local governments in difficult compliance situations.

Efforts to solve the problem

The Natural Shoreline Partnership's Shoreline Protection Subcommittee reviewed challenges with existing state and local shoreline rules, DNR Public Waters Restoration Rules, shoreline assessments, sand blankets, ice heaves, general permits, and DNR enforcement procedures. The Subcommittee concluded that DNR Public Waters Rules are not necessarily the primary barrier to natural shoreline protection. Rather, the more significant problems are how shoreline alteration rules are expressed to the public, how those rules are administered, and how governments coordinate with each other on projects that span jurisdictional boundaries.

The Subcommittee developed recommendations to update DNR guidance, improve coordination among DNR and local governments, develop administrative procedures for "no permit required" shoreline work, create tools to determine demonstrated erosion need, strengthen training, clarify grading and filling requirements, encourage contractor training or certification, review General Permit barriers, and rebuild technical capacity for natural shoreline restoration and bioengineered shoreline design.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Legislative action may be needed if rule changes, agency direction, funding, or statutory clarification are necessary to ensure consistent statewide implementation of public waters shoreline alteration requirements.

The purpose or intent of legislative action would be to support clearer, more consistent, and more coordinated implementation of Minnesota Rules part 6115.0215 and related public waters shoreline alteration requirements. This may include direction or support for DNR to:

1. Develop a consistent shoreline evaluation process;
2. Clarify how demonstrated erosion need is evaluated before riprap or other hard armoring is authorized;
3. Establish administrative procedures for "no permit required" shoreline work;
4. Improve coordination between DNR, local governments, SWCDs, and watershed districts;

5. Create a technical evaluation panel or similar interagency review process for complex or sensitive shoreline alteration proposals;
6. Ensure consistent DNR processes and determinations across regions and area offices;
7. Strengthen procedures for recurring contractor violations involving shoreline modifications completed without required notification, permits, or approvals; and
8. Review General Permit processes that may discourage natural or bioengineered shoreline alternatives.

If legislative action is not immediately pursued, Minnesota Watersheds should advocate directly with DNR, MPCA, BWSR, counties, SWCDs, watershed districts, and other partners to implement these process improvements administratively.

Anticipated support or concern

Support is anticipated from watershed districts, watershed management organizations, SWCDs, local governments, lake associations, fisheries and habitat advocates, and organizations working to protect water quality, aquatic life, and public waters.

Opposition or concern may come from shoreline contractors, some riparian landowners, and parties concerned about additional process requirements, delays, or limits on shoreline hardening. These concerns can be addressed through clear guidance, timely review procedures, contractor training, practical landowner assistance, and recognition that the resolution seeks consistency, coordination, and protection of public waters rather than unnecessary regulation.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-05

Resolution Supporting Rule and Process Improvements for Public Waters Shoreline Alteration Management

WHEREAS, Minnesota Rules part 6115.0215 establishes requirements for restoration and alteration of public waters, including activities that affect shorelines, beds, banks, and public water resources; and

WHEREAS, consistent implementation of Minnesota’s public waters rules is necessary to protect natural shorelines, water quality, aquatic habitat, and the public interest in lakes, rivers, and streams; and

WHEREAS, watershed districts and other local government partners have identified discrepancies and inconsistencies in the implementation of shoreline alteration rules, guidance, permitting, notification, and enforcement; and

WHEREAS, inconsistent application of public waters rules can result in landowner confusion, uneven regulatory outcomes, continued shoreline degradation, and reduced confidence in state and local shoreline management programs; and

WHEREAS, shoreline alteration decisions should include a clear evaluation of the cause, severity, and extent of shoreline change, the proposed alteration, the availability of less-impactful alternatives, and the cumulative impact to public waters; and

WHEREAS, contractors who repeatedly conduct shoreline alterations without required notice, permits, or approvals can create significant damage to public waters and place landowners and local governments in difficult compliance situations; and

WHEREAS, clearer rules, procedures, and enforcement expectations would improve consistency, fairness, and environmental outcomes for landowners, contractors, local governments, and state agencies.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports rule, guidance, and process improvements by the Minnesota Department of Natural Resources to ensure consistent implementation of Minnesota Rules part 6115.0215 and related public waters shoreline alteration requirements.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports development and implementation of a consistent shoreline evaluation process that considers the existing shoreline condition, the cause and degree of shoreline change, the proposed alteration, natural shoreline alternatives, and the public water impacts of the proposed work.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports creation of a technical evaluation panel or similar interagency process for complex or potentially impactful shoreline alteration proposals, similar in concept to review processes used under the Wetland Conservation Act.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports improved procedures to ensure consistent DNR processes and determinations across regions and area offices.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports stronger and more consistent enforcement for recurring contractor violations involving shoreline modifications completed without required notification, permits, or approvals.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports rule and process changes that make shoreline management more understandable, consistent, timely, and effective for landowners, contractors, local governments, and state agencies while better protecting Minnesota’s public waters and natural shorelines.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-06

Resolution Seeking Revision of Minnesota State 477A.19 to Preserve \$10 Million of Aquatic Invasive Species Prevention Aid

Proposing District: Prior Lake-Spring Lake Watershed District
Contact Name: Joni Giese, Administrator
Phone Number: 952-440-0067
Email Address: jgiese@plslwd.org

Background that led to submission of this resolution

For over a decade \$10 million has been annually appropriated from the state general fund for Aquatic Invasive Species (AIS) Prevention Aid pursuant to Minnesota Statute 477A.19. The commissioner of revenue computes an amount of AIS prevention aid payable to each county in the state for the following year. Counties must use the proceeds solely to prevent the introduction or limit the spread of AIS at all access sites within the county. In recent years, Scott County has allocated AIS Prevention Aid to Prior Lake-Spring Lake Watershed District (PLSLWD) to perform Curly-leaf pondweed treatments in district lakes and to offset the cost of boat inspections in district lakes.

As part of the 2025 legislative session, Minnesota Statute 477A.19 was revised to reduce the annual appropriation by 50 percent (\$5 million) for aid payable in 2027 and thereafter. At current funding levels, the AIS Prevention Aid comprises 37 percent of PLSLWD's aquatic vegetation management funding and comprises 50 percent of the PLSLWD's boat inspection funding.

Prior Lake is an extremely popular lake in the Minneapolis-St. Paul metropolitan area, with large numbers of boaters bringing their watercraft to the lake and thus increasing the risk of AIS spread. This issue is not limited to PLSLWD. The reduced funding negatively impacts counties, watershed organizations, soil and water conservation districts, lake associations, and other public agencies that work to prevent the spread of AIS.

Efforts to solve the problem

In 2025, when the proposed funding reduction was first brought forward, numerous organizations lobbied to retain historic funding levels. These efforts were successful in preserving the \$10 million funding levels for 2025 and 2026 and delaying the reduced \$5 million funding level to 2027. A coalition of lake associations are currently organizing to lobby for the preservation of the \$10 million funding levels during the 2027 legislative session. Watershed organizations should join with partners to lobby for the preservation of the \$10 million funding level.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Legislative action is the only means of addressing the matter as Minnesota Statute 477A.19 calls for the funding level to be reduced to \$5 million in 2027. The intent of this proposal is to request that Minnesota Statute 477A. 19 be revised to change 2027 funding to \$10 million and to remain at the \$10 million level thereafter.

Anticipated support or concern

The DNR could also be a partner as they administer and support the program. Lake associations, soil and water conservation districts, lake resorts, and communities that rely on lake activities for economic development are likely partners in supporting this legislative revision. Likely detractors from this legislation may be organizations that advocate for smaller government spending.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-06

Resolution Seeking Revision of Minnesota State 477A.19 to Preserve \$10 Million of Aquatic Invasive Species Prevention Aid

WHEREAS, Minnesota Statute 477A.19 Aquatic Invasive Species Prevention Aid, allocates funds to counties within Minnesota for the purpose of preventing the introduction of or limiting the spread of aquatic invasive species at all access sites within counties that receive the funding; and

WHEREAS, counties may appropriate a portion of the proceeds received from the state to provide funding for a joint powers board or cooperative agreement with another political subdivision, a soil and water conservation district in the county, a watershed district in the county, or a lake association located in the county; and

WHEREAS, for over a decade, the state has annually appropriated \$10 million from the general fund for Aquatic Invasive Species Prevention Aid to Minnesota counties; and

WHEREAS, Minnesota Statute 477A.19 was revised in 2025 to reduce the annual appropriation from \$10 million to \$5 million starting in 2027; AND

WHEREAS, watershed districts, soil and water conservation districts, and lake associations in the state depend on Aquatic Invasive Species Prevention Aid to prevent the introduction of and limit the spread of aquatic invasive species; and

WHEREAS, the reduction of Aquatic Invasive Species Prevention Aid will result in reduced prevention efforts that will harm water resources in the state and negatively impact habitat, recreation, and economic development within the state.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds seeks to revise Minnesota State 477A.19 to preserve annual Aquatic Invasive Species Prevention Aid at \$10 million payable in 2027 and annually thereafter.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-07

Resolution Seeking Establishment of a Hazard Mitigation Fund

Proposing District: Two Rivers Watershed District
Contact Name: Dan Money, Administrator
Phone Number: 218-843-3333
Email Address: dan.money@tworiverswd.com

Background that led to submission of this resolution

Watershed districts have a long history of fighting floods and reducing flood damages. Severe and repeated flooding is documented throughout MN. Current state funding to recover from disasters is available through MN Statute 12A, and funding to prevent/mitigate flooding is available through DNR's Flood Hazard Mitigation Grant Program under MN Statute 103F. According to DNR, the current known funding needs total \$213 million, however in the 2026 session the legislature only approved \$9 million in the bonding bill to address the problem. In fact, since 2010 there has been a steady decline in the funding of this program, and no funding was approved in 2016, 2019, 2021, 2022, and 2024. Therefore, it is apparent that other sources of funding are needed to meet the significant need.

Efforts to solve the problem

Over the past 5 years, meetings have been held with MN DNR to streamline their grant program and bring attention to the needs. This resulted in DNR overhauling the application process and this past session DNR asked for \$45 million to fund the program.

In addition, several meetings were held with various Senators and Representatives. While this was mildly effective, the result was still a significant under-funding of the program. However, HF 4581 and SF 5002 were introduced in 2026 to establish an additional program through the MN Department of Homeland Security Emergency Management that would provide an additional resource to provide funding for prevention / mitigation of natural disasters, including flooding. Although introduced, these bills were not heard in committee.

This resolution seeks to build upon Minnesota Watersheds 22-05 resolution that seeks stable funding for this issue. It is suggested that this issue should be considered one of the highest legislative priorities for the upcoming legislative session.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

YES. In order to provide a more stable, reliable source of funding that will help to mitigate the effects of severe and repeated flooding HF 4581/SF 5002 are proposed. These bills will create a new program and a new funding source to supplement existing sources which are dreadfully underfunded. It is proposed that the fund be used for hazard mitigation planning and projects that diminish the potential effects of emergencies through long term risk reduction. The new proposal is modelled after MN Statute 12A and therefore follows a tried and true example of success.

Anticipated support or concern

Potential Support: MN Homeland Security Emergency Management; MN Association of Emergency Managers; Association of MN Counties; Association of Townships; League of MN Cities

Potential Opposition: unknown.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-07

Resolution Seeking Establishment of a Hazard Mitigation Funding

WHEREAS, Severe flooding is known to occur repeatedly within the State of Minnesota, costing both public and private entities millions of dollars for repair and replacement of infrastructure, damage to homes, erosion and sediment control, and damage to cropland, and

WHEREAS, flooding also has severe and repeated impacts to water quality and habitat from erosion, sedimentation, nutrient loading, raw sewage discharges, and chemical spillage, and

WHEREAS, economic studies have estimated that for every dollar spent on flood damage reduction there is a six dollar return on investment, and

WHEREAS, The DNR's Flood Damage Reduction grant program (FHMG) under MN Statute 103F has historically been a successful tool for local governments to utilize to design and build projects to reduce and prevent flooding, protect the environment, and prevent social and economic losses, and

WHEREAS, The DNR's FHMG has not recently been funded adequately by the Legislature, in fact annual bonding appropriations have been significantly declining over the past 10 years with no funding appropriated in 5 out of the past 11 years. Current 2026 legislative appropriations for hazard mitigation funding only amount to 4% of the documented need, and

WHEREAS, The cost of construction continues to increase as proposed shovel ready projects continue to go unfunded, and

WHEREAS, additional funding sources and programs will be necessary to keep up with the need for hazard mitigation projects. In the 2026 legislative session HF 4581 and SF 5002 were introduced to address the problem but were not passed out of committees.

NOW, THEREFORE, BE IT RESOLVED that the Minnesota Association of Watershed Districts pass a resolution to make hazard mitigation funding a top 2027 legislative priority and direct its lobbyist to work on passage of HF 4581 and SF 5002 as introduced in the 2026 legislative session.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-08

Resolution Seeking Legislation that Allows Stormwater as an Alternative Water Source for Outdoor Uses

Proposing District: Capitol Region Watershed District
Contact Name: Anna Eleria, Administrator
Phone Number: 651-644-8888
Email Address: aeleria@capitolregionwd.org

Background that led to submission of this resolution

The MN Plumbing Board, a board of the MN Department of Labor and Industry (DLI), is proposing revisions to Chapter 15 of the Uniform Plumbing Code and the 2020 MN Plumbing Code that would effectively prohibit stormwater as an alternative source of water for non-potable uses. Key proposed changes include prohibiting stormwater as an allowable source of water for irrigation and other outdoor uses, expanding plumbing code jurisdiction from buildings to entire sites, and requiring installation of irrigation systems by licensed plumbers which would displace existing landscape and irrigation professionals, and requiring usage of plumbing code-certified materials.

Stormwater reuse is a proven, cost-effective practice that protects lakes and rivers, conserves groundwater, improves water quality, reduces flooding, and supports climate resilience. Eliminating or restricting reuse would remove a critical tool used by municipalities who depend on groundwater for drinking water and seek to conserve it for that use, and watershed districts and municipalities that rely on reuse projects to meet MS4 permit requirements, particularly in areas where infiltration is not feasible.

The proposed changes create significant environmental, financial, and regulatory concerns. They could render existing reuse systems non-compliant, require costly retrofits, and jeopardize millions of dollars in public investments funded through Clean Water Fund grants administered by MN Board of Water and Soil Resources (BWSR), MN Pollution Control Agency (MPCA), and Metropolitan Council (Met Council), and local capital budgets.

Additionally, the proposal conflicts with longstanding state policies and guidance encouraging stormwater reuse, including MPCA stormwater guidance, the Metropolitan Council's 2050 Water Plan, and legislative directives to advance a framework for water reuse practices. It also conflicts with local ordinances, such as one in Lake Elmo, that require stormwater reuse to conserve groundwater. It also contradicts the purpose of the State Interagency Workgroup for Stormwater Capture and Use (SCU), of which the MN Department of Labor and Industry is a member of, for advancing the development and implementation of safe and sustainable stormwater capture and use practices. This group committed to continue active participation in the work group and support for a broad stakeholder engagement process to ensure a coordinated, collaborative and transparent approach to SCU guidance and policy in Minnesota.

Efforts to solve the problem

Minnesota Watersheds and Capitol Region Watershed District are working closely with a large and broad coalition group who share similar concerns. Key members of the coalition so far include the League of MN Cities, MN Cities Stormwater Coalition, MN Nursery and Landscape Association, MN Farmers Union and many others. For a full list, see the information below. Efforts to address these concerns include:

- Communicating with watershed districts and watershed management organizations to raise awareness of the issue, keep them informed of how they can help, and the activities of the coalition group
- Reaching out to various state agencies and boards including the Minnesota Plumbing Board, MN Department of Labor and Industry, MN Department of Public Health, MN Pollution Control Agency, MN Board of Water and Soil Resources, and others. The outreach has included notifying them of the proposed changes and our concerns
- Initiating outreach to legislators, counties, and conservation organizations
- Developing shared messaging, talking points and response strategies with the broad coalition group
- Raising concerns about the lack of coordination with agencies responsible for water quality and

stormwater management

To date, stakeholders are responding quickly and helping to get the word out to the groups and individuals listed above and in turn, they are also reaching out to State agency leaders and legislators and expressing their concerns. In addition, a request has been made for a special Plumbing Board meeting to show opposition to their proposed changes.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

Legislative actions are needed to address this issue. The intent of this resolution is to:

- Prevent adoption of plumbing code revisions that prohibit stormwater reuse
- Explicitly allow for stormwater capture and use for irrigation and other outdoor non-potable uses in State law
- Ensure coordination between the Plumbing Board, MPCA, MDH, BWSR, cities, watershed organizations, and other local governments
- Align plumbing regulations with existing state policies and guidelines supporting stormwater reuse, water conservation, groundwater protection, and climate resilience
- Protect prior public investments in stormwater reuse systems
- Maintain stormwater reuse as a viable strategy for MS4 compliance
- Ensure decisions on regulation and design for stormwater infrastructure are made by the appropriate agencies and practitioners

Recommended actions include:

- Legislation that allows stormwater reuse for irrigation and other outdoor uses. In 2025, Senate bill (S.F. No. 2442) was introduced and brought to the Senate Environment, Climate, and Legacy Committee. This committee passed an amended bill and referred it to the Health and Human Services Committee in 2026. It is our understanding that it remains in the hands of the Health and Human Services Committee who has not and will not conduct a hearing in the 2026 legislative session.
- Direction to the Minnesota Plumbing Board to pause all revisions to plumbing code (including Chapter 15) until interagency coordination and alignment is achieved
- Continued coordination and advocacy with state agencies and policymakers

Anticipated support or opposition

There is a growing broad coalition of groups who are partnering in efforts to prevent changes to the Minnesota Plumbing Code that would explicitly eliminate stormwater as an alternative source of water for outdoor uses. As of May 14, 2026, the list of partners include:

- League of Minnesota Cities
- Minnesota Cities Stormwater Coalition
- Minnesota Nursery & Landscape Association
- Minnesota Farmers Union
- Minnesota Watersheds
- LiUNA
- Associated General Contractors
- Housing First
- Minnesota Association of Cemeteries
- Minnesota Turf and Grounds Foundation
- Minnesota Council on Latino Affairs
- Irrigators Association of Minnesota
- Hospitality Minnesota
- Minnesota Golf Course Superintendents Association
- Freshwater Society
- American Society of Landscape Architects MN Chapter
- Anoka County

- Minnesota Chapter of the American Public Works Association

Groups who are or may be opposed to our efforts include:

- Minnesota Plumbing Board
- Minnesota Pipe Trades Association
- Minnesota Plumbing, Heating, and Cooling Contractors
- Plumbing unions

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

MINNESOTA WATERSHEDS RESOLUTION 2026-08

Resolution Seeking Legislation that Allows Stormwater as an Alternative Water Source for Outdoor Uses

WHEREAS, the Minnesota Plumbing Board, under the Minnesota Department of Labor and Industry (DLI), is proposing revisions to Chapter 15 of the Uniform Plumbing Code and related provisions of the Minnesota Plumbing Code that would prohibit stormwater as an alternate source of water for irrigation and other outdoor non-potable uses; and

WHEREAS, stormwater reuse is a proven and cost-effective practice that protects lakes and rivers, conserves groundwater, improves water quality, reduces flooding, and supports climate resilience; and

WHEREAS, restricting stormwater reuse would remove a critical compliance and water-management tool for municipalities, watershed districts, watershed management organizations, and other local governments, particularly where groundwater resources are limited, where infiltration is not feasible and where reuse projects help meet MS4 permit requirements; and

WHEREAS, the proposed code changes could render existing reuse systems non-compliant, require costly retrofits, and jeopardize significant public investments funded through local budgets and grants administered by Minnesota Board of Water and Soil Resources, Minnesota Pollution Control Agency (MPCA), and the Metropolitan Council (Met Council); and

WHEREAS, the proposed changes conflict with the directives of the MN Legislature in 2015, 2017, and 2021 to advance safe and sustainable water reuse in Minnesota, including stormwater capture and use; and

WHEREAS, the proposed changes conflict with longstanding state and local policies and guidance encouraging stormwater reuse including MPCA's Stormwater Manual and Met Council's 2025 Water Policy Plan;

WHEREAS, a broad coalition of local governments, watershed organizations, professional associations, businesses, and nonprofit partners has formed in support of preserving stormwater reuse as a lawful and practical water-management strategy; and

WHEREAS, Minnesota Senate Bill SF2442, a 2025 bill relating to the outdoor use of rainwater and stormwater, would authorize state agencies and local governments to allow untreated rainwater or stormwater for outdoor purposes when the probability of human or animal consumption or immersion is low or nonexistent, and was reported out of the Senate Environment, Climate, and Legacy Committee to the Health and Human Services Committee in March 2026.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports legislation to explicitly allow stormwater as an alternate water source for outdoor non-potable purposes, including irrigation; and

BE IT FURTHER RESOLVED that Minnesota Watersheds supports legislation to assign MPCA as the State agency responsible for oversight of stormwater capture and use systems; and

BE IT FURTHER RESOLVED that Minnesota Watersheds requests that the Minnesota Department of Labor and Industry and the Minnesota Plumbing Board pause proposed plumbing code revisions affecting stormwater reuse until interagency coordination and meaningful stakeholder engagement are completed; and

BE IT FURTHER RESOLVED that any future regulation of stormwater capture and use should align with existing State policy and guidelines, protect prior public investments, and preserve stormwater reuse as a viable strategy for water conservation, groundwater protection, and stormwater management.

Notes: Committee recommends adoption

BACKGROUND INFORMATION ON MINNESOTA WATERSHEDS

RESOLUTION 2026-09

Resolution to Protect Lake Ecosystems and Shoreline Integrity from Wake Boat Impacts

Proposing District: Riley-Purgatory-Bluff Creek Watershed District
Contact Name: Terry Jeffery, Administrator
Phone Number: 952-687-1107
Email Address: tjeffery@rpbcwd.org

Background that led to submission of this resolution

There is increasing evidence, including recent studies by the University of MN, Saint Anthony Falls Laboratory (SAFL), that the operation of wake boats produce significant erosive forces both horizontally¹ and vertically. This results in shoreline degradation and loss as well as suspension of sediments from the lake substrate. The vertical prop wash damages aquatic vegetation and degrades aquatic habitat². Currently, there is only voluntary guidance regarding the operation of these watercrafts in relation to shorelines and no guidance on depth of water in which operation should occur.

Any regulations on the operation of these watercraft is through locally enacted ordinances. As this is an issue with statewide implications, reliance on local ordinances is insufficient to address.

Efforts to solve the problem

The RPBCWD has funded the research performed by SAFL. The RPBCWD has provided education to Lake Associations and local municipalities on the impacts of wake boat operation. The RPBCWD, or any watershed district, does not have the authority to regulate surface water usage for watercraft.

Is legislative action the best means of addressing the matter? If yes, what is the purpose or intent of your proposal? If not, what advocacy steps could be taken with state or local government officials?

As this is a statewide issue and the Department of Natural Resources largely relies on local ordinances to implement their regulatory framework, this is an issue that is best addressed through statewide regulation on one or more of the following:

- A minimum water depth for wake-surfing operations, consistent with SAFL research on lakebed disturbance and sediment resuspension;
- A minimum setback distance from shorelines, docks, and emergent vegetation as necessary to protect shoreline stability, habitat integrity, and water quality, consistent with SAFL research; and
- Require that new and existing wake boats be equipped with ballast systems that can be fully drained and effectively decontaminated to prevent the transfer of aquatic invasive species and contaminants between water bodies.

Anticipated support or opposition

Support for this will vary. Numerous lake association groups will support this while many others will oppose. The same holds true for various recreation groups. Angling associations and groups would be anticipated to support while recreational boaters may be in opposition. Municipalities that are within RPBCWD have been reticent to enacting unilateral code changes to address the operation of wake boats but may be more amenable to a statewide initiative.

This issue (check all that apply)

Applies only to our district		Requires legislative action	x
Applies only to 1 or 2 regions		Requires state agency advocacy	x
Applies to the entire state	x	Impacts MW bylaws or MOPP	

¹ [A Field Study of Maximum Wave Height, Total Wave Energy, and Maximum Wave Power Produced by Four Recreational Boats on a Freshwater Lake](#)

² [A Field Study of Recreational Powerboat Hydrodynamics and their Impacts on the Water Column and Lakebed](#)

MINNESOTA WATERSHEDS RESOLUTION 2026-09

Resolution to Protect Lake Ecosystems and Shoreline Integrity from Wake Boat Impacts

WHEREAS, in 2022, Minnesota Watersheds adopted a Resolution to Limit Wake Boat Activities, which called for the Minnesota Association of Watershed Districts to work with the Minnesota Department of Natural Resources to utilize the research findings from the St. Anthony Falls Laboratory and seek legislation to achieve one or more of the following:

- a) limit lakes and areas of lakes in which wake boats may operate;
- b) require new and existing wake boats to be able to completely drain and decontaminate their ballast tanks;
- c) Provide funding for additional research on the effects of wake boats on aquatic systems; and

WHEREAS, pursuant to Minnesota Watersheds Manual of Policy and Procedures, this Resolution will sunset in 2027, but the impacts from wake boat activities on lake ecosystems and shorelines have persisted and grown worse; property owners and lake users continue to report widespread damage to property, disruptions to fishing, and degradation of lake environments from wake boats; and

WHEREAS, the Minnesota Department of Natural Resources (DNR) has the statutory authority to adopt rules relating to the “rules of the road” for watercraft navigation, and, at the request of local government, the use of the waters of the state by watercraft; currently, the DNR’s primary approach to dealing with wake boat impacts is through review of locally enacted ordinances and an “Own Your Wake” campaign to promote voluntary compliance with general wake guidelines; these guidelines suggest staying at least 200 feet from shore or other structures to reduce the likelihood wakes will cause damage, these guidelines are silent on a minimum water depth for wake surfing; and

WHEREAS, the University of Minnesota St. Anthony Falls Laboratory (SAFL) has published two studies of the impacts of wake boats; the first study, A Field Study of Maximum Wave Height, Total Wave Energy, and Maximum Wave Power Produced by Four Recreational Boats on a Freshwater Lake, concluded that when operating under typical wake surfing conditions, wake surf boats required distances greater than 500 ft to attenuate wake wave characteristics (height, energy, and power) to levels equivalent to non-wake surf boats operating under typical planing conditions; SAFL’s second study, A Field Study of Recreational Powerboat Hydrodynamics and their Impacts on the Water Column and Lakebed published July 2025, recommends that wake boats operate in 20 feet of water or greater when in semi-displacement mode to minimize impacts to the lake bottom; and

WHEREAS, the SAFL studies demonstrate that the DNR’s current voluntary guidelines are insufficient to protect lake ecosystems and shorelines; only four percent (4%) of Minnesota’s lakes currently have local ordinances restricting wake boat operation.

NOW, THEREFORE, BE IT RESOLVED that Minnesota Watersheds supports legislation that would require the DNR to establish minimum operational and design standards for inboard motorized recreational vessels equipped with ballast or wake-enhancement systems (wake boats), including:

- A minimum water depth for wake-surfing operations, consistent with SAFL research on lakebed disturbance and sediment resuspension;
- A minimum setback distance from shorelines, docks, and emergent vegetation as necessary to protect shoreline stability, habitat integrity, and water quality, consistent with SAFL research; and
- Require that new and existing wake boats be equipped with ballast systems that can be fully drained and effectively decontaminated to prevent the transfer of aquatic invasive species and contaminants between water bodies.

BE IT FURTHER RESOLVED that Minnesota Watersheds supports funding for SAFL to pursue further research to focus on the impact of boat and wind waves on the environment close to shore, including plants.

Notes: Committee recommends adoption

Active Minnesota Watersheds Resolutions

June 29, 2026



FINANCE

Capacity

2025-02: Seeking Revision to MN Statute 383B.79 to Include Watershed Management Organizations

Minnesota Watersheds seeks a revision to Minnesota Statutes, Section 383B.79, Subd. 1 to explicitly include “joint powers watershed management organizations entirely or partially located in Hennepin County” to the list of political subdivisions that can participate in the county’s multijurisdictional reinvestment programs.

URBAN STORMWATER

Stormwater Quality Treatment

2022-02 Limited Liability for Certified Commercial Salt Applicators

Minnesota Watersheds supports enactment of state law that provides limited liability protection to commercial salt applicators and property owners using salt applicators who are certified through the established state salt-applicator certification program and follow best management practices.

Water Reuse

2022-01 Creation of a Stormwater Reuse Task Force

Minnesota Watersheds supports administratively or legislatively including at least one Minnesota Watersheds member on the Minnesota Department of Health’s workgroup to move forward, prioritize, and implement the recommendations of the interagency report on reuse of stormwater and rainwater in Minnesota.

WATER QUANTITY

Drainage

2022-03: Seek Increased Support and Participation for the Minnesota Drainage Work Group (DWG)

- Minnesota Watersheds communications increase awareness of the DWG (meeting dates and links, topics, minutes, reports) amongst members.
- Minnesota Watersheds training opportunities strongly encourage participation in the DWG by watershed staff and board managers (for watersheds that serve as ditch authorities or work on drainage projects) – for e.g., add agenda space for DWG member updates, host a DWG meeting as part of a regular event.
- In preparation for Minnesota Watersheds member legislative visits, staff add a standing reminder for watershed drainage authorities to inform legislators on the existence, purpose, and outcomes of the DWG, and reinforce the legitimacy of the DWG as a multi-faceted problem-solving body.
- During Minnesota Watersheds staff Board of Water and Soil Resources (BWSR) visits, regularly seek updates on how facilitation of the DWG is leading to improvements for member drainage authorities and convey this information to members.

2023-03: Support New Legislation Modeled after HF4863 and SF4814 (2026) Regarding DNR Regulatory Authority over Public Drainage Maintenance and Repairs

Minnesota Watersheds supports the introduction of new legislation modeled after [HF4863](#) and [SF4814](#) and commits its lobbying efforts toward promoting the passage of the bills in subsequent sessions.

2025-01: Supporting a Legislative Amendment to Expand the Wetland Conservation Act Exemption of Public Drainage System Repairs

Minnesota Watersheds supports the introduction of new legislation to amend Minnesota Statutes 103G.2241 and MN Rule 8420.0420 to expand the WCA exemption to include all public drainage system repairs and commits its staff to further discussion through the Drainage Work Group in 2025 to promote passage of such legislation in upcoming sessions.

Funding

2022-05: Obtain Stable Funding for Flood Damage Reduction and Natural Resources Enhancement Projects

Minnesota Watersheds supports collaborating with the Red River Watershed Management Board and state agencies to seek funding from the Minnesota Legislature to provide stable sources of funding through existing or potentially new programs that provide flood damage reduction and/or natural resources enhancements. A suggested sustainable level of funding is \$30 million per year for the next 10 years.

Flood Control

2023-04 Seeking Action for Streamlining the DNR Flood Hazard Mitigation Grant Program

Minnesota Watersheds seeks action requiring the DNR to establish transparent scoring, ranking, and funding criteria for the Flood Hazard Mitigation Program (M.S. Chapter 103F) and asking the Minnesota Legislature to fully fund the state's share of eligible projects that are on the DNR's list within each two-year bonding cycle. Information regarding scoring, ranking, and funding should be provided annually to project applicants.

Policy

2024-04: Seeking the Ability to Allow Resale of Acquisition Buyout Property

Minnesota Watersheds seeks federal legislation to allow the conveyance by an LGU of flood acquisition buyout real estate to a public entity or to a qualified conservation organization, or alternatively a resale to a private taxpayer, subject to the FEMA Model Deed Restrictions as stated in Exhibit A.

WATER QUALITY

Lakes

2022-06: Limit Wake Boat Activities

Minnesota Watersheds supports working with the Minnesota Department of Natural Resources (DNR) to utilize the research findings from the St. Anthony Falls Laboratory and seek legislation to achieve one or more of the following:

- Limit lakes and areas of lakes in which wake boats may operate;
- Require new and existing wake boats to be able to completely drain and decontaminate their ballast tanks; and
- Providing funding for additional research on the effects of wake boats on aquatic systems.

Policy

2024-01: Regulatory Approaches to Reducing Chloride Contamination

Minnesota Watersheds supports development, adoption, and implementation of regulatory approaches to reducing chloride contamination in waters of the state.

WATERSHED MANAGEMENT AND OPERATIONS

Duties

2025-06: Support a Legislative Amendment to Clarify the Deadline for Watershed Districts to Certify Levies

Minnesota Watersheds supports the introduction of legislation to amend Minnesota Statutes §§103D.911 and 103D.915 to specify a levy certification deadline of September 30.

2023-05: Support Increased Flexibility in Open Meeting Law

Minnesota Watersheds hereby supports changes to the Open Meeting Law to provide greater flexibility in the use of interactive technology by allowing members to participate remotely in a nonpublic location that is not noticed, without limit on the number of times such remote participation may occur; and allowing public participation from a remote location by interactive technology, or alternatively from the regular meeting location where interactive technology will be made available for each meeting, unless otherwise noticed under Minnesota Statutes Section 13D.021; and that Minnesota Watersheds supports changes to the Open Meeting Law requiring watershed district to prepare and publish procedures for conducting public meetings using interactive technology.

2024-02: Alternative Notice of Watershed District Proceedings by Publication on the District's website

Minnesota Watersheds supports amending Watershed Law to provide for publication on a watershed district's website as an alternative to publication in a legal newspaper.

Watershed Planning

2023-06 Education and Outreach to Encourage Formation of Watershed Districts in Unserved Areas

Minnesota Watersheds, in consultation with its membership, will develop a framework for education and outreach intended to encourage petition and advocacy for the formation of watershed districts in areas of the state not presently served by watershed-based public agencies.

Human Resources

2025-04 Revision to Minnesota Statute 471.617 to Include Watershed Districts and Watershed Management Organizations

Minnesota Watersheds seeks revision to Minnesota Statute 471.617, Subdivisions 1 and 2 to explicitly include "Watershed Districts and Watershed Management Organizations" on the list of political subdivisions allowed to self-insure for employee health benefits.

AGENCY RELATIONS

Regulation

2023-01 Require Watershed District Permits for all State Agencies

Minnesota Watersheds supports amending Minnesota Statutes § 103D.345, Subd. 5 to read as follows: **Subd. 5. Applicability of permit requirements to state.** A rule adopted by the managers that requires a permit for an activity applies to all state agencies, including the Department of Transportation.

2024-13 Request New Legislation to Set Permit Review Time Limits upon the DNR

Minnesota Watersheds supports amending Minnesota Statutes to implement a 60-day permit review limit following a negative declaration on an EAW.

2025-03 Seeking Legislative Reform to Increase MDNR and MPCA Permit Efficiency and Define Permit Application Completeness

Minnesota Watersheds shall pursue legislation to amend Minnesota Statutes 15.99, 84.027, and 116.03 to:

- Separate permit completeness review from compliance standards review so that statutory deadlines for permit decisions are meaningfully triggered.
 - Require MDNR and MPCA to develop and publish a list of practical, reasonable information and criteria that constitutes a complete permit application.
-

- Mandate that, once submitted by the applicant, the application is deemed complete and allows review timelines to begin.
- Require MDNR and MPCA to notify an applicant in writing, within 30 days of receiving a permit application, whether the application is complete or incomplete. If the agency determines the application is incomplete, specific provisions of applicable rules and statutes must be cited, an explanation of what additional information is needed must be provided, and the agency must advise the applicant how the deficiencies can be remedied. If action on the permit application is not completed within 150 days, the permit is deemed to be granted; and that
- The Board of Water and Soil Resources establish a formal process to distribute, on an annual basis, an accurate and complete list identifying Calcareous Fens to all watershed districts, watershed management organizations, and soil and water conservation districts.
- Pre-application meetings shall be required upon request by a qualified local agency with a project identified in state-approved plans, Watershed Restoration and Protection Strategies, or other recognized water quality studies. Such meetings shall be scheduled within four weeks of the request.
- Local agencies requesting such meetings must provide 10% - 20% design-level plans with sufficient specificity to identify natural resource concerns and constraints.
- Failure of either MDNR or MPCA to attend a requested pre-application meeting shall be construed as satisfaction of relevant permitting standards, allowing the project to proceed toward final design and permitting.

2025-05 Improving Mitigation Under the Minnesota Endangered Species Act

Minnesota Watersheds should pursue legislation that addresses the need to improve threatened and endangered species mitigation by addressing past gaps and future challenges arising from approved water quality restoration projects, and

- that Minnesota Statute 84.0895 should be amended to require the Commissioner of Natural Resources to develop and implement recovery plans for the conservation and survival of state listed endangered and threatened species, and
- the Commissioner shall cooperate to the maximum extent practicable with local land and water management authorities. Such cooperation in implementing the endangered species act shall allow the Commissioner to:
 - Enter into management agreements with any local land managing unit of government for the administration and management of an area established for the conservation of endangered or threatened species.
 - Enter into cooperative agreements which establishes and maintains an adequate and active program for the conservation of endangered and threatened species.
 - Conduct periodic review of locally administered programs at no greater frequency than annual intervals.
- Minnesota Statutes 84.0895 Subd 7, which outlines general exceptions, should be amended by adding (f) the commissioner must give approval under this subdivision to water management projects that are part of a state approved:
 - Comprehensive Watershed Management Plans and capital improvement plans under MS 103B or MS 103D;
 - Watershed Restoration and Protection Strategies (WRAPS);
 - Load reduction studies,
 - Impairment monitoring and other studies, particularly studies involving impairments for fish and aquatic life.
- Minnesota Statutes 84.0895 should be amended to provide for “conservation banking” defined by a site or suite of sites that provide the ecological functions and services expressed as credits that are conserved and managed in perpetuity for a species and used expressly to offset impacts occurring elsewhere to the same species.

REGULATIONS

2024-03: Provide for Watershed Management Organization Representation on Wetland Technical Evaluation Panels

Minnesota Watersheds supports amendment of Minnesota Statutes 103G.2242, subdivision 2 to include a watershed management organization representative on TEPs that are convened in cases where the organization is not the WCA LGU.

NATURAL RESOURCES

Policy

2024-5: Seeking the DNR to Establish a “Comprehensive Guideline for Calcareous Fen Management”

Minnesota Watersheds supports DNR establishing a “Comprehensive Guideline for Calcareous Fen Management” as a tool for project proposers to analyze a project’s feasibility or cost effectiveness.

2024-7: Seeking the DNR to Adopt a Program to Incentivize Calcareous Fen Management on Private Lands

Minnesota Watersheds supports the Minnesota Department of Natural Resources adopting a program through which a fee is paid to landowners to incentivize them to manage the quantity and quality of the Calcareous Fens on private lands, which program is made similar to the USDA Conservation Reserve Program or similar to a perpetual easement through the Board of Water and Soil Resources Reinvest in Minnesota.

2024-10: Seeking a Formal Process to Distribute a Complete List of Calcareous Fens Annually

Minnesota Watersheds supports the Board of Water and Soil Resources establishing a formal process to distribute on an annual basis an accurate and complete list identifying Calcareous Fens to all watershed districts, watershed management organizations, and soil and water conservation districts.

2024-12: Seeking the Development of a Calcareous Fen Work Group

Minnesota Watersheds supports the relevant state agencies, together with relevant stakeholders (including watershed districts), convene a work group to develop by consensus clear, objective and measurable criteria for determining the presence and quality of Calcareous Fen, which criteria shall thereafter be used by all state and local units of government.

Resolutions to Sunset

Effective December 31, 2026

All resolutions cease to be active at the end of the fifth year following the resolution’s adoption.

2021-01A: Support SWCD Capacity Fund Sources

Minnesota Watersheds supports SWCD capacity funds to come from county and state general funds.

2021-01B: Support Clean Water Funds for Implementation, Not Capacity

Minnesota Watersheds supports Clean Water Funds being used for implementation and not for capacity.

2021-04: Support Crop Insurance to Include Crop Losses Within Impoundment Areas

Minnesota Watersheds supports expansion of Federal Multi-Peril Crop Insurance to include crop losses within impoundment areas.

2021-05: Support 60-day Review Required for State Agencies on Policy Changes

Minnesota Watersheds supports requiring state agencies to provide a meaningful, not less than 60-day review and comment period from affected local units of government on new or amended water management policies, programs, or initiatives with a response to those comments required prior to adoption.

2021-06: Support Metro Watershed-based Implementation Funding (WBIF) for Approved 103B Plans Only

Minnesota Watersheds supports BWSR distribution of metro WBIF among the 23 watershed management organizations with state-approved comprehensive, multi-year 103B watershed management plans. Those plans implement multijurisdictional priorities at a watershed scale and facilitate funding projects of any eligible local government unit (including soil and water conservation districts, counties, cities, and townships).

ITEMS REQUIRING BOARD ACTION

5. Jones Lake Sediment Forebay and Public Drainage Maintenance Corridor Construction – Bid Authorization (Jen Oknich)



MEMORANDUM

Rice Creek Watershed District

Date: August 6, 2026
To: RCWD Board of Managers
From: Jen Oknich, Project Manager
Subject: Jones Lake Sediment Forebay and Public Drainage Maintenance Corridor Construction - Bid Authorization

Introduction

This item proposes authorizing District staff and Houston Engineering, Inc. (HEI) to advertise a solicitation of bids to construct the Jones Lake sediment forebay and public drainage maintenance corridor access path.

The Jones Lake Restoration Project is a component of the Basic Water Management Plan (2013-01) crafted in response to the New Brighton, St. Anthony Village, and Roseville petition for flood control and water quality improvements. In response to the petition, RCWD crafted the Jones Lake Restoration Project to align with the Watershed Management Plan. The project meets our directives to seek opportunities to decrease the risk of flooding (F-1, F-2); and improve water quality by restoring ecosystems (WQ-4).

Background

The next step to reduce flooding and improve water quality via this project is realigning the Ramsey County Ditch 5 (RCD 5) to provide public drainage maintenance corridor and building a sediment forebay. The forebay will capture sediment. Sediment capture will increase the lifespan of the District facility functional outcomes, and increase water quality. The forebay will also provide flood storage.

At the Board's direction, HEI recently completed construction plans for the Jones Lake sediment forebay and public drainage maintenance corridor access path.

Staff Recommendation

District staff recommends that the Board of Managers acknowledge receipt of the construction plans for the Jones Lake sediment forebay and realignment of Ramsey County Ditch 5, dated August 2026, and authorize District staff and HEI to advertise a solicitation of bids for this project. Please note that minor changes to the project plans and specifications may be required based on comments received by bidders. The overall scope of the project will not be modified without authorization from the Board. Upon close of the bidding period, District staff and HEI will prepare a tabulation of bids and an award recommendation for consideration by the Board at its October 28, 2026, regular meeting.

Proposed Motion

Manager_____ moves to acknowledge receipt of the Jones Lake sediment forebay and public drainage maintenance corridor access path construction plans, dated August 2026, and authorize District staff and HEI to advertise a solicitation of bids for this project. Seconded by Manager_____.

Attachment

Jones Lake sediment forebay and public drainage maintenance corridor access path construction plans, dated August 2026

CONSTRUCTION PLANS FOR JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN AUGUST, 2026



HOUSTON
engineering, inc.

7550 MERIDIAN CIR N
SUITE 120
MAPLE GROVE, MN 55369
P: 763.493.4522
T: 1.866.319.2040
www.houstoneng.com

GOVERNING STANDARDS:

MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION. THIS SPECIFICATION INCLUDES THE SHAPES, COLORS, AND FONTS USED IN ROAD MARKINGS AND SIGNS. ALL TRAFFIC CONTROL DEVICES MUST CONFORM TO THESE STANDARDS.

GOVERNING SPECIFICATIONS:

CONSTRUCTION SPECIFICATIONS FOR MUNICIPAL PUBLIC WORKS IMPROVEMENTS, ADOPTED BY THE MNDOT, SHALL APPLY TO ALL STANDARD DRAWINGS CURRENTLY IN EFFECT AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.

UTILITY NOTE:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION, AS-BUILT MAPS AS PROVIDED BY MUNICIPALITIES OR UTILITY COMPANIES, AND/OR EXISTING DRAWINGS. THERE IS NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN INDICATE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. NOR IS THERE A GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY RESULT FROM THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Joseph A. Lewis

Joseph A. Lewis
License No. 46215

Date: 08/05/2026



SHEET INDEX

- 1 COVER SHEET
- 2 GENERAL NOTES AND LEGEND
- 3 EXISTING SITE AND ACCESS
- 4 DITCH REALIGNMENT PLAN
- 5 CROSS SECTIONS
- 6 FOREBAY GRADING PLAN
- 7 SWPPP (1 OF 3)
- 8 SWPPP (2 OF 3)
- 9 SWPPP (3 OF 3)
- 10 DETAILS



VICINITY MAP



LOCATION MAP

LEGEND:

- ·X· — ·X· —

— »X« — »X« —

— — OHP — —

— — STS — —

— — SS — —

— — W — —

· · · · ·

— — — — —

— — — — —

●

Ø

⌋

⊕

⊗

+

CHAIN LINK FENCE

WOOD FENCE

OVERHEAD POWER

STORM WATER LINE

SANITARY LINE

WATER LINE

PROPERTY LINE

CONTOUR LINE - MAJOR

CONTOUR LINE - MINOR

IRON MONUMENT SET

POWER POLE

HYDRANT

STORM MANHOLE

SANITARY MANHOLE

POWER POLE GUY LINE
- NOTES:
1. UTILITY

1.1. PRIOR TO ANY EXCAVATION WORK, THE CONTRACTOR IS RESPONSIBLE UNDER MINNESOTA STATE STATUTE 216D AND MINNESOTA RULES CHAPTER 7560 TO CONTACT GOPHER STATE ONE CALL FOR THE LOCATION OF UNDERGROUND FACILITIES IN PROXIMITY TO THE EXCAVATION SITE.

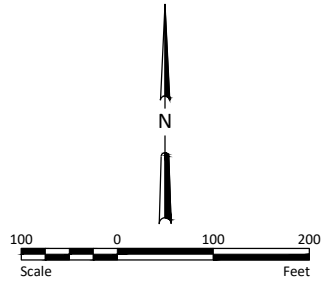
1.2. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CA/ASCE 38-20, ENTITLED "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

2. EXISTING STRUCTURES

2.1. ALL EXISTING STRUCTURES THAT ARE NOT CALLED OUT SPECIFICALLY IN THE DEMOLITION PLAN SHALL BE PROTECTED. ALL PROTECTED STRUCTURES WILL NEED TO BE REPLACED OR REPAIRED IF DAMAGED DURING THE CONSTRUCTION PROCESS.

2.2. ALL EXISTING UTILITIES THAT ARE NOT CALLED OUT SPECIFICALLY IN THE DEMOLITION PLAN SHALL BE PROTECTED.
- H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 General Notes.dwg-11x17 Landscape Bottom-8/5/2026 8:49 AM-ladargay
- | | | | | | | | | | | | | |
|-----|----------|------|----|--|--|---|------------------|--------------------|--|--|--|------------|
| | | | | I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
<div>Joseph A. Lewis
License No. 46215</div> | | <div><div><div></div></div><div>HOUSTON</div><div>engineering, inc.</div></div> | Drawn by
APD | Date
08/05/2026 | JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN | | GENERAL NOTES AND
LEGEND
PROJECT NO. 5555-0366 | SHEET
2 |
| No. | Revision | Date | By | | | | Checked by
JL | Scale
AS SHOWN | | | | |
- HEI NO. 5555-0366 213

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Existing Site Removals.dwg-11x17 Landscape Bottom (2) 8/5/2026 8:49 AM-(adargay)



NOTES:

1. ANY DEBRIS OR GARBAGE IN THE CONSTRUCTION LIMITS SHOULD BE COLLECTED AND DISPOSED OF PROPERLY OFFSITE.
2. SITE ACCESS OFF OF LAKEVIEW POINT ONLY.
3. NO DISTURBANCE OR STOCKPILING WITHIN PUBLIC WATER.
4. CONTRACTOR RESPONSIBLE FOR GRUBBING STUMPS PRIOR TO TOP SOIL REMOVAL.

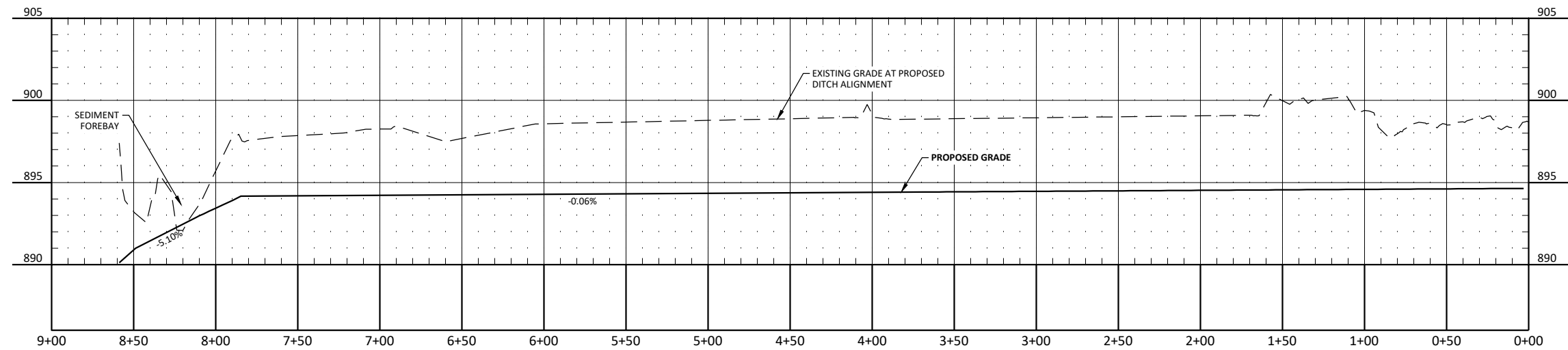
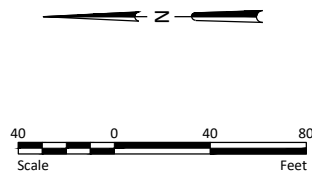
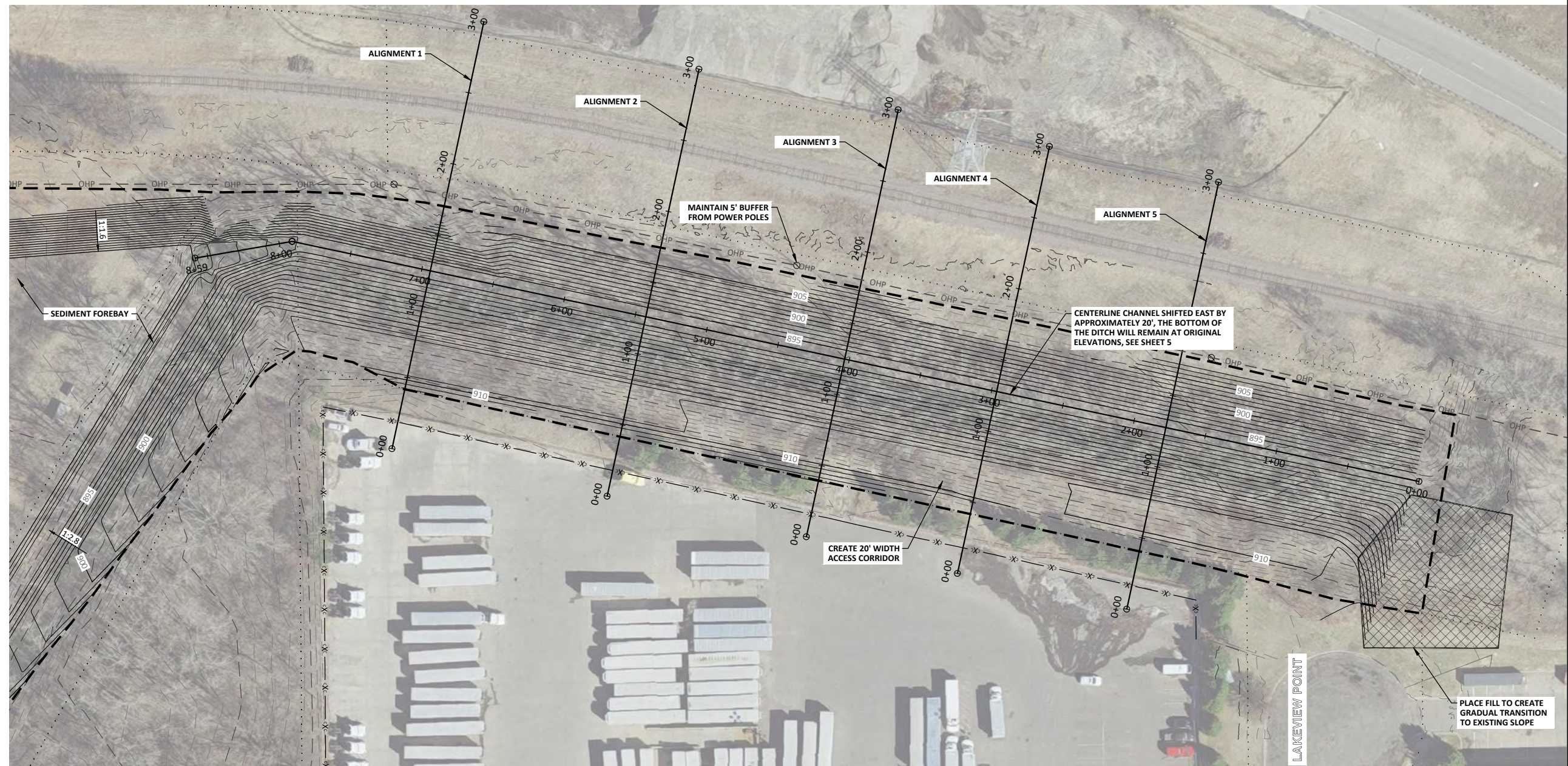
LEGEND:

- LIMITS OF CONSTRUCTION
- ▨ LIMITS OF TREE AND BRUSH REMOVAL (BY OTHERS)

PRELIMINARY
NOT FOR CONSTRUCTION

				I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.				Drawn by APD	Date 08/05/2026	JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN		EXISTING SITE AND ACCESS PROJECT NO. 5555-0366	SHEET 3
				 Joseph A. Lewis License No. 46215				Checked by JL	Scale AS SHOWN				
No.	Revision	Date	By	Date									

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Grading Plan.dwg-11x17 Landscape Bottom (3)-8/5/2026 8:49 AM-(edargay)



PRELIMINARY
NOT FOR CONSTRUCTION

No.	Revision	Date	By	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Joseph A. Lewis License No. 46215	Date 08/05/2026

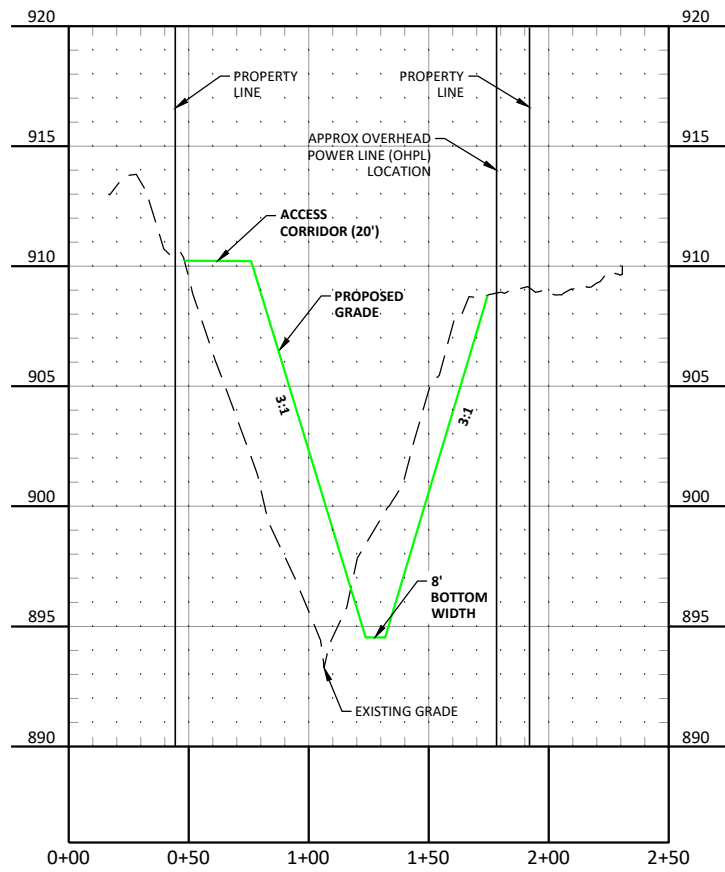


Drawn by APD	Date 08/05/2026
Checked by JL	Scale AS SHOWN

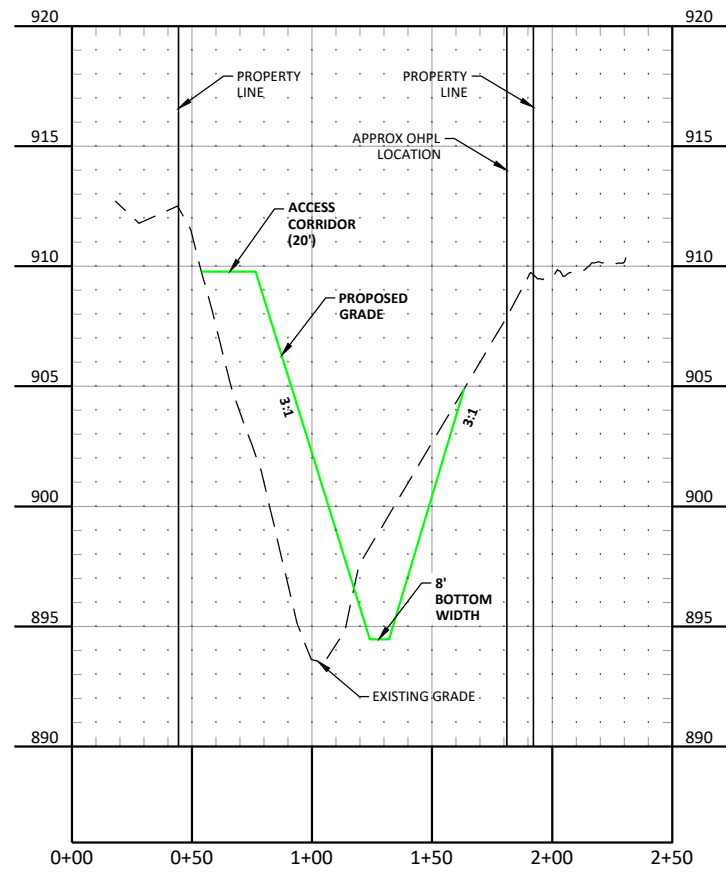
JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

DITCH REALIGNMENT PLAN
PROJECT NO. 5555-0366

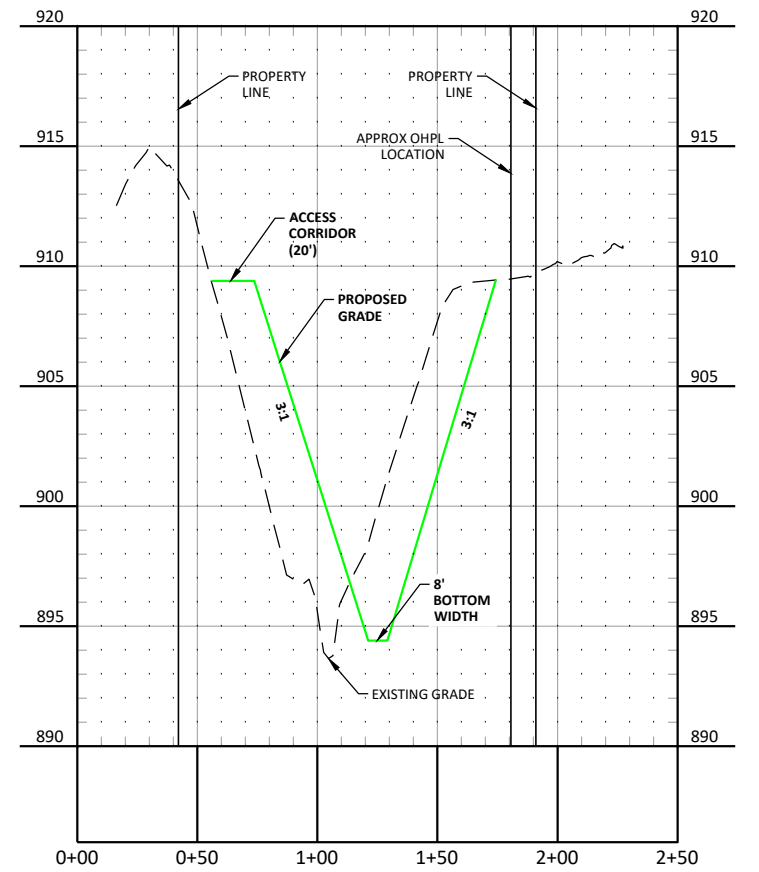
SHEET
4



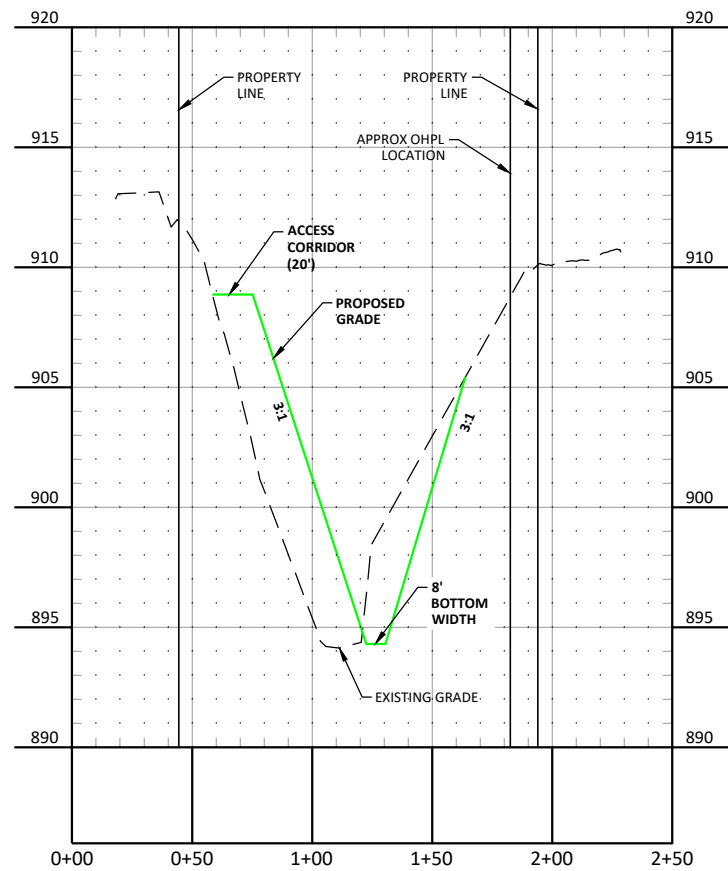
ALG 1



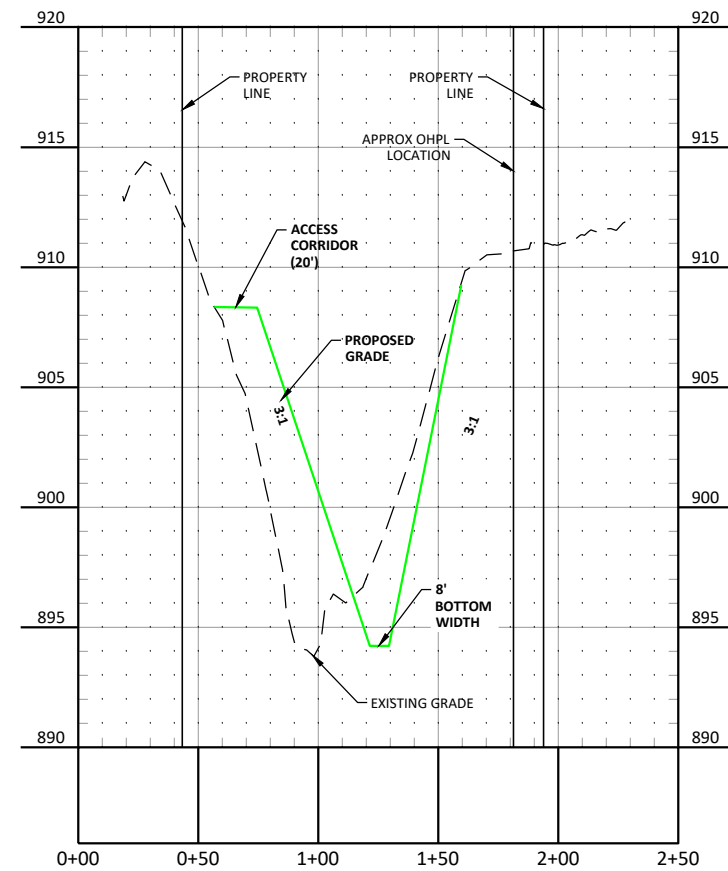
ALG 2



ALG 3



ALG 4



ALG 5

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Dredging Grading.dwg-11x17 Landscape Bottom (6/8/5/2026 8:49 AM (adargay))

No.		Revision	Date	By	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. <i>Joseph A. Lewis</i> Joseph A. Lewis License No. 46215		Date
					08/05/2026		



Drawn by	Date
APD	08/05/2026
Checked by	Scale
JL	AS SHOWN

JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

CROSS SECTIONS
PROJECT NO. 5555-0366

SHEET
5

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Grading Plan.dwg:11x17 Landscape Bottom (2)-8/5/2026 8:49 AM-(edargay)



GRADING NOTES:

1. ALL EXCESS SOIL TO BE DISPOSED OF OFF-SITE (INCIDENTAL).
2. POND OUTLET SHALL NOT BE CONSTRUCTED UNTIL ALL OTHER GRADING HAS BEEN COMPLETED. ONCE REMAINING SITE IS STABILIZED, CONTRACTOR SHALL REMOVE THE SILT FENCE AT THE OUTLET AND CONSTRUCT THE OUTLET CHANNEL, INCLUDING RIPRAP INSTALLATION.
3. SEED ALL DISTURBED AREAS (EXCEPT WITHIN WATERS EDGE) WITH BWSR WOODLAND EDGE MIX 36-212, AND HYDROMULCH WITH MNDOT TYPE BFM.

PRELIMINARY
NOT FOR CONSTRUCTION

No.	Revision	Date	By	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Joseph A. Lewis License No. 46215	Date 08/05/2026



Drawn by APD	Date 08/05/2026
Checked by JL	Scale AS SHOWN

JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION
RICE CREEK WATERSHED DISTRICT
NEW BRIGHTON, MN

FOREBAY GRADING PLAN
PROJECT NO. 5555-0366

SHEET
6

1.0 GENERAL

IN COMPLIANCE WITH THE FEDERAL CLEAN WATER ACT, A GENERAL PERMIT AUTHORIZATION TO DISCHARGE STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NPDES MUST BE GRANTED BY THE MPCA PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY FOR THIS PROJECT. THE MPCA DEFINES THE PERMITTEE AS THE OWNER AND OPERATOR (GENERAL CONTRACTOR) WHO SIGN THE APPLICATION FOR PERMIT COVERAGE AND WHOM ARE RESPONSIBLE FOR COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE PERMIT. A COMPLETED APPLICATION AND PERMIT FEE SHALL BE ELECTRONICALLY SUBMITTED AND PERMIT AUTHORIZED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES. PROJECTS DISTURBING 50 ACRES OR MORE AND SOME OTHER PROJECTS REQUIRE A 30-DAY REVIEW PERIOD PRIOR TO ANY LAND DISTURBANCE ACTIVITIES. SEE GENERAL PERMIT ITEM 3.3 AND 3.4.

THIS SWPPP WAS PREPARED IN ACCORDANCE WITH THE MPCA GENERAL PERMIT MNR100001 ISSUED AUGUST 1, 2023. THE GENERAL PERMIT EXPIRES ON JULY 31, 2028.

1.1 GENERAL CONSTRUCTION ACTIVITIES

PROJECT NAME: JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION
THE PROPOSED PROJECT IS LOCATED: APPROXIMATELY 2,800-FEET NORTH AND 1,500-FEET EAST OF THE INTERSECTION OF CSAH 88 AND COUNTY HIGHWAY 93

LAT: 45° 02' 36" N
LONG: 93° 11' 28" W

COUNTY: RAMSEY COUNTY

REFERENCE HORIZONTAL DATUM:
_____ NAD27 _____ X _____ NAD 83 OR WGS 84 _____ UNKNOWN

PROJECT TYPE:
_____ RESIDENTIAL _____ COMMERCIAL/INDUSTRIAL _____ LINEAR CONSTRUCTION
_____ RESIDENTIAL & ROAD CONSTRUCTION _____ X _____ OTHER (DESCRIBE) RESTORATION

EXISTING		PROPOSED	
GROSS PROJECT AREA	248,292 SF (5.7 AC)	TOTAL DISTURBED AREA	248,292 SF (5.7 AC)
IMPERVIOUS AREA	0 SF (0 AC)	IMPERVIOUS AREA	0 SF (0 AC)
ADDITIONAL IMPERVIOUS SURFACE =		0 SF (0 AC)	

NOTE: NPDES PERMIT COVERAGE FROM THE MPCA IS REQUIRED FOR LAND DISTURBANCE AREAS ≥ 1.0 AC
PERMANENT STORMWATER MANAGEMENT IS REQUIRED AS PART OF THE PERMIT FOR CREATING NEW IMPERVIOUS AREAS ≥ 1.0 AC

1.2 CONSTRUCTION ACTIVITIES

THE FOLLOWING ACTIVITIES POSE A POTENTIAL FOR DISCHARGE OF SEDIMENT AND/OR POLLUTANTS TO THE WATERS OF THE STATE.

SCOPE AND SEQUENCE OF CONSTRUCTION ACTIVITIES:

START DATE: OCTOBER 1, 2026 STOP DATE: MAY 31, 2027

- DEMOLITION AND REMOVAL OF EXISTING DEBRIS ONSITE
- CONSTRUCTION OF PERMANENT ACCESS ROAD AND SEDIMENT FOREBAY
- SEEDING AND SITE RESTORATION

2.0 SPECIAL AND IMPAIRED RECIEVING WATERS

WATERBODY ID	RECIEVING SURFACE WATER	TYPE	SPECIAL WATER (SECTION 23)	IMPAIRED WATER (SECTION 23)	TMDL
62007600	JONES LAKE	LAKE	NO	YES	YES

3.0 PROJECT PLANS AND SPECIFICATIONS

REFER TO GRADING, EROSION AND SEDIMENT CONTROL PLAN SHEET(S), AND/OR REMOVALS AND/OR SITE PLANS FOR THE FOLLOWING:

- CONSTRUCTION LIMITS
- EXISTING AND FINAL GRADES
- LOCATIONS OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS).
- BUFFER ZONES OR DOUBLE PERIMETER CONTROL AS REQUIRED IN ITEM 9.17 AND 23.11 OF THE PERMIT.

REFER TO EXISTING AND PROPOSED GRADING PLAN FOR THE FOLLOWING:

- DIVIDING DRAINAGE AREA POLYGONS.
- DRAINAGE FLOW ARROWS.
- STORMWATER RUN-ON AND RUN-OFF FLOW DIRECTION AND DISTANCE TO RECEIVING WATER BODY IF IT IS OFF OF THE DRAINAGE AREA MAPS. [SEE SECTION 3.2 AND 3.3].

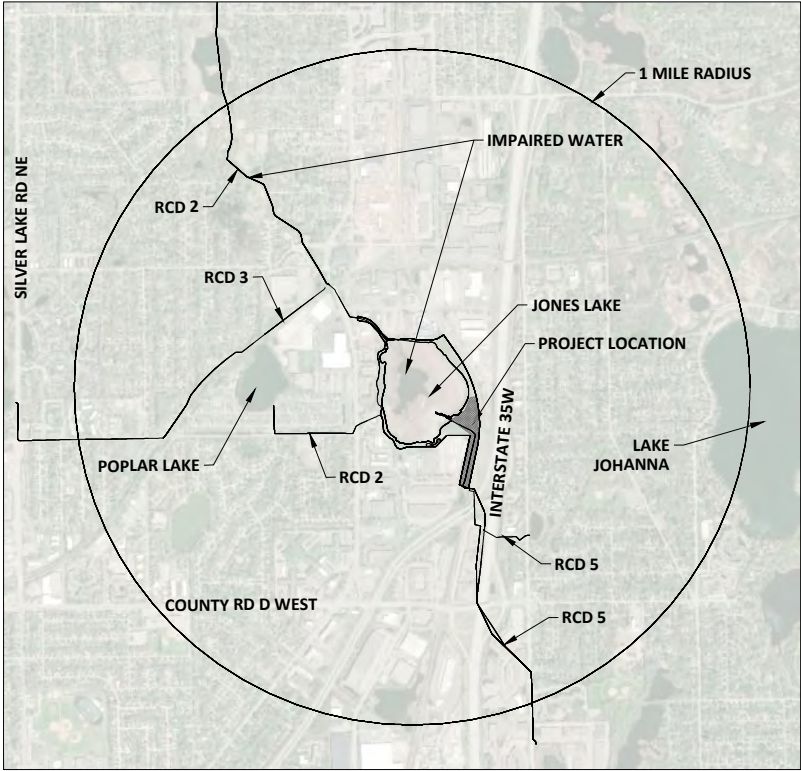
REFER TO DETAILS FOR THE FOLLOWING:

- STANDARD DETAILS FOR EROSION AND SEDIMENT CONTROL BMPS TO BE INSTALLED AT THE SITE.

3.1 SOIL TYPES

MAP UNIT SYMBOL & NAME	ESTIMATED % SOIL	SAND 0.05-2.00MM	SILT 0.002-0.05MM	CLAY <0.002MM
859B - URBAN LAND - ZIMMERMAN COMPLEX 1 TO 8% SLOPES	52.8%	0%	6.6%	6.0%
863 - URBAN LAND - LINO COMPLEX 0 TO 3% SLOPES	6.0%	0%	4.3%	5.0%
1027 - UDORTHENTS, WET SUBSTRATUM	29.0%	0%	0%	0%
1055 - AQUOLLS AND HISTOSOLS, PONDED	12.3%	16.6%	90.0%	18.4%

2.1 RECIEVING WATERS MAP



NOTE:
CGP SECTION 3.3 - 1 MILE (AERIAL RADIUS MEASUREMENT)
OF A SPECIAL OR IMPAIRED WATER.

CGP SECTION 23.2 - THE BMPS IDENTIFIED FOR EACH
SPECIAL OR IMPAIRED WATER ARE REQUIRED FOR THOSE
AREAS OF THE PROJECT DRAINING TO A DISCHARGE POINT
ON THE PROJECT THAT IS WITHIN ONE MILE (AERIAL
RADIUS MEASUREMENT) OF SPECIAL OR IMPAIRED WATER
AND FLOWS TO THAT SPECIAL OR IMPAIRED WATER.

REFER TO SECTION 23.3 FOR SPECIAL BMPS TO SPECIAL
WATERS IDENTIFIED AS PROHIBITED.

3.2 RUN-ON

SOURCES OF RUN-ON: RAMSEY COUNTY DITCH 5, LOCAL RUNOFF

3.3 RUN-OFF

RUN-OFF LOCATIONS AND RECEIVING WATER BODIES: JONES LAKE

3.4 RAINFALL

RAINFALL:
ANTICIPATED RAINFALL BASED ON HISTORICAL DATA *DATA FROM NOAA ATLAS-14

MONTH	AVE RAINFALL (IN)	MONTH	AVE RAINFALL (IN)
JANUARY	0.9	JULY	4.1
FEBRUARY	0.9	AUGUST	4.3
MARCH	1.7	SEPTEMBER	3.0
APRIL	2.9	OCTOBER	2.6
MAY	3.9	NOVEMBER	1.6
JUNE	4.6	DECEMBER	1.2

FREQUENCY	24-HR AMOUNT (IN)*
1-YR	2.46
2-YR	2.83
5-YR	3.54
10-YR	4.22

3.5 ESTIMATED EROSION AND SEDIMENT CONTROL QUANTITIES

TEMPORARY EROSION CONTROL	UNIT	ESTIMATED QUANTITIES
SILT FENCE	LF	1,200
EROSION CONTROL BLANKET CAT	SF	967
CONSTRUCTION ENTRANCE	EA	1
STREET SWEEPING	-	AS NEEDED

PERMANENT EROSION CONTROL	UNIT	ESTIMATED QUANTITIES
RIPRAP (TYPE III)	CY	50
SEED & MULCH	AC	4
HYDRAULIC MULCH, REINFORCED FIBER, BONDED MATRIX	AC	4

4.1 IMPLEMENTATION TIMELINES

AREA	TIME FRAME	NOTES
LAST 200 LINEAL FEET OF DRAINAGE DITCH OR SWALE	WITHIN 24 HOURS OF CONNECTION TO STORM SEWER, SURFACE WATER, OR PROPERTY EDGE	SECTIONS 4.2, 4.3
REMAINING PORTIONS OF DRAINAGE DITCH OR SWALE	7 DAYS	SECTIONS 4.2, 4.3
PIPE AND CULVERT OUTLETS	24 HOURS	SECTION 4.3
EXPOSED SOILS AND STOCKPILES	7 DAYS - STEEPER THAN 3:1. 14 DAYS - 3:1 OR FLATTER	SECTIONS 4.2, 4.5
ONSET OF WINTER	INSERT TIME	SECTION 4.5
TOPSOIL BERMS	INSERT TIME	SECTION 4.5
TEMP. SEDIMENT CONTAINMENT	24 HOURS AFTER TEMP. USE CEASES	SECTION 4.5

H:\JBM\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Updated SWPPP.dwg-1 SWPPP-8/5/2026 8:49 AM-(edargay)

No.	Revision	Date	By	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Joseph A. Lewis License No. 46215 Date 08/05/2026
-----	----------	------	----	---



Drawn by APD	Date 08/05/2026
Checked by JL	Scale AS SHOWN

JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN
--

SWPPP (1 OF 3) PROJECT NO. 5555-0366

SHEET 7

4.0 GENERAL NOTES

1. AMEND THE SWPPP AND DOCUMENT ANY AND ALL CHANGES TO THE SWPPP AND ASSOCIATED PLAN SHEETS IN A TIMELY MANNER. STORE THE SWPPP AND ALL AMENDMENTS ON SITE AT ALL TIMES.
2. PREPARE AND SUBMIT A SITE MANAGEMENT PLAN FOR THE ENGINEER'S ACCEPTANCE FOR CONCRETE MANAGEMENT, CONCRETE SLURRY APPLICATION AREAS, WORK IN AND NEAR AREAS OF ENVIRONMENTAL SENSITIVITY, AREAS IDENTIFIED IN THE PLANS AS "SITE MANAGEMENT PLAN AREA", ANY WORK THAT WILL REQUIRE DEWATERING, AND AS REQUESTED BY THE ENGINEER. SUBMIT ALL SITE MANAGEMENT PLANS TO THE ENGINEER IN WRITING. ALLOW A MINIMUM OF 7 DAYS FOR THE OWNER TO REVIEW AND ACCEPT SITE MANAGEMENT PLAN SUBMITTALS. WORK WILL NOT BE ALLOWED TO COMMENCE IF A SITE MANAGEMENT PLAN IS REQUIRED UNTIL ACCEPTANCE HAS BEEN GRANTED BY THE ENGINEER. THERE WILL BE NO EXTRA TIME ADDED TO THE CONTRACT DUE TO AN UNTIMELY SUBMITTAL.
3. IT IS THE DESIGNER'S INTENT THAT THE CONTRACTOR BUILD PONDS AND PLACE EROSION CONTROL BMPS BEFORE PUTTING THEM INTO ACTIVE SERVICE TO THE MAXIMUM EXTENT PRACTICABLE.
4. BURNING OF ANY MATERIAL IS NOT ALLOWED WITHIN PROJECT BOUNDARY.
5. DO NOT DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS. DELINEATE AREAS NOT TO BE DISTURBED PRIOR TO STARTING GROUND DISTURBING ACTIVITIES. IF IT BECOMES NECESSARY TO DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS OPERATIONS SHOULD CEASE AND DETERMINATION MADE IF ADDITIONAL PERMITS ARE NEEDED OR EXISTING PERMITS NEED TO BE MODIFIED. OBTAIN WRITTEN PERMISSION FROM THE PROJECT ENGINEER PRIOR TO PROCEEDING. PRESERVE ALL NATURAL BUFFERS SHOWN ON THE PLANS.
6. DIRECT DISCHARGES FROM BMPS TO VEGETATED AREAS WHENEVER FEASIBLE. PROVIDE VELOCITY DISSIPATION DEVICES AS NEEDED TO PREVENT EROSION.
7. ROUTE STORMWATER AROUND UNSTABILIZED AREAS OF THE SITE WHENEVER FEASIBLE. PROVIDE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES AS NEEDED TO KEEP CHANNELS FROM ERODING AND TO PREVENT NUISANCE CONDITIONS AT THE OUTLET.
8. THE EROSION PREVENTION AND SEDIMENT CONTROL BMPS SHALL BE PLACED AS NECESSARY TO MINIMIZE EROSION FROM DISTURBED SURFACES AND TO CAPTURE SEDIMENT ON SITE. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY REMOVAL WORK AND/OR GROUND DISTURBING ACTIVITIES.
9. ESTABLISH SEDIMENT CONTROL DEVICES ON ALL DOWN GRADIENT PERIMETERS AND UPGRAIENT OF ANY BUFFER ZONES BEFORE ANY UP GRADIENT LAND DISTURBING ACTIVITIES BEGIN. MAINTAIN SEDIMENT CONTROL DEVICES UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
10. LOCATE PERIMETER CONTROL ON THE CONTOUR TO CAPTURE OVERLAND, LOW- VELOCITY SHEET FLOWS DOWN GRADIENT OF ALL EXPOSED SOILS AND PRIOR TO DISCHARGING TO SURFACE WATERS. PLACE J-HOOKS AT A MAXIMUM OF 100-FOOT INTERVALS.
11. STOCKPILES: PROVIDE PERIMETER CONTROL AROUND ALL STOCKPILES. PLACE BMP A MINIMUM OF 5 FEET FROM THE TOE OF SLOPE WHERE FEASIBLE. DO NOT PLACE STOCKPILES IN NATURAL BUFFER AREAS, SURFACE WATERS, OR STORMWATER CONVEYANCES. TOPSOIL BERMS MUST BE STABILIZED IN ORDER TO BE CONSIDERED PERIMETER CONTROL BMPS.
12. DITCH CHECKS: DITCH CHECKS WILL BE PLACED AS INDICATED ON THE PLANS DURING ALL PHASES OF CONSTRUCTION.
13. INLET PROTECTION: PROTECT STORM SEWER INLETS AT ALL TIMES WITH THE APPROPRIATE INLET PROTECTION FOR EACH SPECIFIC PHASE OF CONSTRUCTION. PROVIDE INLET PROTECTION DEVICES WITH EMERGENCY OVERFLOW CAPABILITIES. SILT FENCE PLACED IN THE INLET GRATE IS NOT AN ACCEPTABLE INLET PROTECTION BMP FOR GRADING OPERATIONS. SILT FENCE PLACED IN THE GRATE IS ONLY ALLOWED FOR SHORT INTERVALS DURING MILLING OR PACING OPERATIONS. INLET PROTECTION DEVICES MAY NEED TO BE PLACED MULTIPLE TIMES IN THE SAME LOCATION OVER THE LIFE OF THE CONTRACT. INLET PROTECTION DEVICES WILL BE PAID FOR ONCE PER INLET REGARDLESS OF THE NUMBER OF TIMES THE BMP IS PLACED. KEEP ALL STORM SEWER INLET PROTECTION DEVICES IN GOOD FUNCTIONAL CONDITION AT ALL TIMES. REPLACE INLET PROTECTION DEVICE WITH A SUITABLE ALTERNATIVE IF THE PROJECT ENGINEER DEEMS AN INLET PROTECTION DEVICE TO BE NONFUNCTIONAL, IN POOR CONDITION, INEFFECTIVE, OR NOT APPROPRIATE FOR THE CURRENT CONSTRUCTION ACTIVITIES. THERE WILL BE NO COST TO THE OWNER FOR REPLACEMENT OF INLET PROTECTION DEVICES.
14. CONSTRUCTION EXITS: PLACE CONSTRUCTION EXITS, AS NECESSARY, TO PREVENT TRACKING OF SEDIMENT ONTO PAVED SURFACES BOTH ON AND OFF THE PROJECT SITE. PROVIDE CONSTRUCTION EXITS OF SUFFICIENT SIZE TO PREVENT TRACK OUT. MAINTAIN CONSTRUCTION EXITS WHEN EVIDENCE OF TRACKING IS DISCOVERED. REGULAR STREET SWEEPING MIGHT BE NEEDED, BUT IS NOT AN ACCEPTABLE ALTERNATIVE TO PROPER CONSTRUCTION EXIT INSTALLATION AND MAINTENANCE.
15. SEDIMENT BASINS: DISCHARGE TURBID OR SEDIMENT LADEN WATER TO TEMPORARY SEDIMENT BASINS WHENEVER FEASIBLE (REQUIRED IF DRAINAGE AREA IS 10 ACRES OR LARGER OR 5 ACRES OR LARGER AND WITHIN 1 MILE OF IMPAIRED WATER). IN THE EVENT THAT IT IS NOT FEASIBLE TO DISCHARGE THE SEDIMENT LADEN WATER TO A TEMPORARY SEDIMENT BASIN, THE WATER MUST BE TREATED SO THAT IT DOES NOT CAUSE A NUISANCE CONDITION IN THE RECEIVING WATERS OR TO DOWNSTREAM LANDOWNERS. DOCUMENT WHY SEDIMENT BASIN IS NOT FEASIBLE. CLEAN OUT ALL PERMANENT STORMWATER BASINS REGARDLESS OF WHETHER USED AS TEMPORARY SEDIMENT BASINS OR TEMPORARY SEDIMENT TRAPS TO THE DESIGN CAPACITY AFTER ALL UPGRAIENT LAND DISTURBING ACTIVITY IS COMPLETED.
16. PROVIDE SCOUR PROTECTION AT ANY OUTFALL OF DEWATERING ACTIVITIES.
17. STABILIZE ALL AREAS OF THE SITE PRIOR TO THE ONSET OF WINTER. ANY WORK STILL BEING PERFORMED SHALL BE SNOW MULCHED OR BLANKETED WITHIN THE TIME FRAMES IN THE GENERAL PERMIT.
18. PROVIDE STABILIZATION IN ANY TRENCHES CUT FOR DEWATERING OR SITE DRAINING PURPOSES.
19. PRIOR TO STABILIZATION, ALL SOIL SHALL BE ROUGHENED BY TRACKED EQUIPMENT. TRACKS SHALL BE PERPENDICULAR TO GRADIENT.
20. REMOVE SEDIMENT FROM STORMWATER SYSTEM AT THE END OF PROJECT.
21. PRESERVE A 50-FOOT NATURAL BUFFER OR (IF BUFFER IS INFEASIBLE) PROVIDE REDUNDANT CONTROLS WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET OF LAND DISTURBANCE AND STORMWATER FLOWS TO THE SURFACE WATER.
22. CONSTRUCTION PROJECT SHOULD BE PHASED TO MINIMIZE THE DURATION OF EXPOSED SOILS.
23. MINIMIZE COMPACTION OF SOILS AND PRESERVE TOPSOIL IN AREAS WHERE VEGETATION WILL BE ESTABLISHED.
24. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON ESTABLISHMENT OF PERMANENT VEGETATION.

4.2 METHODS OF STABILIZING SOILS AND SOIL STOCKPILES

STABILIZE ALL EXPOSED SOIL AREAS, INCLUDING STOCKPILES. STABILIZATION MUST BE INITIATED IMMEDIATELY TO LIMIT SOIL EROSION WHEN CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. COMPLETE STABILIZATION WITHIN THE TIME FRAME LISTED. IN MANY INSTANCES THIS WILL REQUIRE STABILIZATION TO OCCUR MORE THAN ONCE DURING THE COURSE OF THE PROJECT. STABILIZATION MUST BE COMPLETED NO LATER THAN 14 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY HAS CEASED. STABILIZATION IS NOT REQUIRED ON CONSTRUCTED BASE COMPONENTS OF ROADS, PARKING LOTS AND SIMILAR SURFACES. STABILIZATION IS NOT REQUIRED ON TEMPORARY STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS (E.G., CLEAN AGGREGATE STOCKPILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES) BUT PERMITTEES MUST PROVIDE SEDIMENT CONTROLS AT THE BASE OF THE STOCKPILE.

4.3 METHODS TO BE USED FOR STABILIZATION OF DITCH AND SWALE WETTED PERIMETERS

1. FOR PUBLIC WATERS THAT THE MNDNR HAS PROMULGATED "WORK IN WATER RESTRICTIONS" DURING SPECIFIED FISH SPAWNING TIME FRAMES, PERMITTEES MUST COMPLETE STABILIZATION OF ALL EXPOSED SOIL AREAS WITHIN 200 FEET OF THE WATER'S EDGE, AND THAT DRAIN TO THESE WATERS, WITHIN 24 HOURS DURING THE RESTRICTION PERIOD.
2. STABILIZE THE NORMAL WETTED PERIMETER OF THE LAST 200 LINEAR FEET OF TEMPORARY OR PERMANENT DRAINAGE DITCHES OR SWALES THAT DRAIN WATER FROM THE SITE WITHIN 24 HOURS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE. COMPLETE STABILIZATION OF THE REMAINING PORTIONS OF TEMPORARY OR PERMANENT DITCHES OR SWALES WITHIN 14 CALENDAR DAYS AFTER CONNECTING TO A SURFACE WATER OR PROPERTY EDGE AND CONSTRUCTION IN THAT PORTION OF THE DITCH TEMPORARILY OR PERMANENTLY CEASES.
3. TEMPORARY OR PERMANENT DITCHES OR SWALES BEING USED AS A SEDIMENT CONTAINMENT SYSTEM DURING CONSTRUCTION (WITH PROPERLY DESIGNED ROCK-DITCH CHECKS, BIO ROLLS, SILT DIKES, ETC.) DO NOT NEED TO BE STABILIZED. PERMITTEES MUST STABILIZE THESE AREAS WITHIN 24 HOURS AFTER THEIR USE AS A SEDIMENT CONTAINMENT SYSTEM CEASES.
4. APPLICATION OF MULCH, HYDROMULCH, TACKIFIER, POLYACRYLAMIDE OR SIMILAR EROSION PREVENTION PRACTICES SHALL NOT BE USED WITHIN ANY PORTION OF THE NORMAL WETTED PERIMETER OF A TEMPORARY OR PERMANENT DRAINAGE DITCH.
5. PROVIDE TEMPORARY OR PERMANENT ENERGY DISSIPATION AT ALL PIPE OUTLETS WITHIN 24 HOURS AFTER CONNECTION TO A SURFACE WATER OR PERMANENT STORMWATER TREATMENT SYSTEM.

4.4 METHODS USED TO PROMOTE INFILTRATION AND SEDIMENT REMOVAL ON THE SITE PRIOR TO OFFSITE DISCHARGE

1. ALL PORTIONS OF DEVELOPMENT AREA MUST HAVE POSITIVE DRAINAGE TO THE DESIGNATED TREATMENT AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY DITCHES, PIPING OR OTHER MEANS TO ENSURE PROPER DRAINAGE DURING CONSTRUCTION.
2. A ROCK CONSTRUCTION ENTRANCE WILL BE REQUIRED AT THE PROJECT ACCESS POINT

4.5 ADDITIONAL EROSION PREVENTION MEASURES

1. STABILIZE ALL AREAS OF THE SITE PRIOR TO THE ONSET OF WINTER. ANY WORK STILL BEING PERFORMED WILL BE SNOW MULCHED, SEEDED, AND/OR BLANKETED WITH THE TIME FRAMES IN THE INSERT DOCUMENT.
2. TOPSOIL BERMS MUST BE STABILIZED IN ORDER TO BE CONSIDERED PERIMETER CONTROL BMPS. USE RAPID STABILIZATION METHOD 2, 3, OR 4 AS DIRECTED BY THE ENGINEER. THE SEED MIX USED IN THE RAPID STABILIZATION MAY BE SUBSTITUTED UPON APPROVAL
 - A. SINGLE YEAR CONSTRUCTION BETWEEN MAY 1 - AUGUST 1, SEED WITH SEED MIXTURE 21-111
 - B. SINGLE YEAR CONSTRUCTION BETWEEN AUGUST 1 AND OCTOBER 31, SEED WITH SEED MIXTURE 21-112
 - C. MULTI YEAR CONSTRUCTION SEED WITH SEED MIXTURE 22-111
3. KEEP DITCH AREAS (NOT INSIDE THE WETTED PERIMETER) AND EXPOSED SOILS IN AN EVEN, ROUGH-GRADED CONDITION IN ORDER TO BEST PREPARE THE AREA FOR APPLICATION OF EROSION CONTROL MULCHES, HYDROMULCHES AND BLANKETS.
4. ALL EXPOSED SOIL AREAS MUST HAVE TEMPORARY EROSION PROTECTION OR PERMANENT COVER FOR THE EXPOSED SOIL AREAS, IF UNWORKED FOR A PERIOD LONGER THAN:

TOP OF SLOPE	TIME
STEEPER THAN 3:1	7 DAYS
3:1 OR FLATTER	14 DAYS

5.0 TEMPORARY SEDIMENT CONTROL PRACTICES

1. SEDIMENT CONTROL DEVICES MUST BE ESTABLISHED ON ALL DOWN GRADIENT PERIMETERS OF THE SITE AND DOWNGRADIENT AREAS OF THE SITE THAT DRAIN TO ANY SURFACE WATER, INCLUDING CURB AND GUTTER SYSTEMS. LOCATE SEDIMENT CONTROL PRACTICES UPGRAIENT OF ANY BUFFER ZONES. INSTALL SEDIMENT CONTROL PRACTICES BEFORE ANY UPGRAIENT LAND-DISTURBING ACTIVITIES BEGIN AND KEEP THE SEDIMENT CONTROL PRACTICES IN PLACE AND FUNCTIONAL UNTIL FINAL STABILIZATION HAS BEEN ESTABLISHED.
2. IF DOWNGRADIENT SEDIMENT CONTROLS ARE OVERLOADED, BASED ON FREQUENT FAILURE OR EXCESSIVE MAINTENANCE REQUIREMENTS, PERMITTEES MUST INSTALL ADDITIONAL UPGRAIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPS TO ELIMINATE THE OVERLOADING AND AMEND THE SWPPP TO IDENTIFY THESE ADDITIONAL PRACTICES AS REQUIRED IN ITEM 6.3.
3. TEMPORARY OR PERMANENT DRAINAGE DITCHES AND SEDIMENT BASINS DESIGNED AS PART OF A SEDIMENT CONTAINMENT SYSTEM (E.G., DITCHES WITH ROCK-CHECK DAMS) REQUIRE SEDIMENT CONTROL PRACTICES ONLY AS APPROPRIATE FOR SITE CONDITIONS.
4. A FLOATING SILT CURTAIN PLACED IN THE WATER IS NOT A SEDIMENT CONTROL BMP TO SATISFY CGP ITEM 9.2 EXCEPT WHEN WORKING ON A SHORELINE OR BELOW THE WATERLINE. IMMEDIATELY AFTER THE SHORT TERM CONSTRUCTION ACTIVITY (E.G., INSTALLATION OF RIP RAP ALONG THE SHORELINE) IN THAT AREA IS COMPLETE, INSTALL AN UPLAND PERIMETER CONTROL PRACTICE IF EXPOSED SOILS STILL DRAIN TO A SURFACE WATER.
5. RE-INSTALL ALL SEDIMENT CONTROL PRACTICES ADJUSTED OR REMOVED TO ACCOMMODATE SHORT-TERM ACTIVITIES SUCH AS CLEARING OR GRUBBING, OR PASSAGE OF VEHICLES, IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY IS COMPLETED. RE-INSTALL SEDIMENT CONTROL PRACTICES BEFORE THE NEXT PRECIPITATION EVENT EVEN IF THE SHORT-TERM ACTIVITY IS NOT COMPLETE.
6. PROTECT ALL STORM DRAIN INLETS USING APPROPRIATE BMPS DURING CONSTRUCTION UNTIL THEY ESTABLISH PERMANENT COVER ON ALL AREAS WITH POTENTIAL FOR DISCHARGING TO THE INLET.
7. INLET PROTECTION FOR A PARTICULAR INLET MAY BE REMOVED IF A SPECIFIC SAFETY CONCERN (E.G. STREET FLOODING/FREEZING) IS IDENTIFIED BY THE PERMITTEES OR THE JURISDICTIONAL AUTHORITY (E.G., CITY/COUNTY/TOWNSHIP/MNDOT ENGINEER). DOCUMENT THE NEED FOR REMOVAL IN THE SWPPP.
8. PROVIDE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS AT THE BASE OF STOCKPILES ON THE DOWNGRADIENT PERIMETER.
9. LOCATE STOCKPILES OUTSIDE OF NATURAL BUFFERS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS UNLESS THERE IS A BYPASS IN PLACE FOR THE STORMWATER.
10. INSTALL A VEHICLE TRACKING BMP TO MINIMIZE THE TRACK OUT OF SEDIMENT FROM THE CONSTRUCTION SITE OR ONTO PAVED ROADS WITHIN THE SITE.
11. USE STREET SWEEPING IF VEHICLE TRACKING BMPS ARE NOT ADEQUATE TO PREVENT SEDIMENT TRACKING ONTO THE STREET. [CGP 9.12]
12. INSTALL TEMPORARY SEDIMENT BASINS AS REQUIRED BY GENERAL PERMIT.
13. IN ANY AREAS OF THE SITE WHERE FINAL VEGETATIVE STABILIZATION WILL OCCUR, RESTRICT VEHICLE AND EQUIPMENT USE TO MINIMIZE SOIL COMPACTION. [CGP 9.14]
14. PRESERVE TOPSOIL ON THE SITE, UNLESS INFEASIBLE.
15. DIRECT DISCHARGES FROM BMPS TO VEGETATED AREAS UNLESS INFEASIBLE.
16. PRESERVE A 50 FOOT NATURAL BUFFER OR, IF A BUFFER IS INFEASIBLE ON THE SITE, PROVIDE REDUNDANT (DOUBLE) PERIMETER SEDIMENT CONTROLS WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET OF THE PROJECT'S EARTH DISTURBANCES AND STORMWATER FLOWS TO THE SURFACE WATER. PERMITTEES MUST INSTALL PERIMETER SEDIMENT CONTROLS AT LEAST 5 FEET APART UNLESS LIMITED BY LACK OF AVAILABLE SPACE. NATURAL BUFFERS ARE NOT REQUIRED ADJACENT TO ROAD DITCHES, JUDICIAL DITCHES, COUNTY DITCHES, STORMWATER CONVEYANCE CHANNELS, STORM DRAIN INLETS, AND SEDIMENT BASINS. IF PRESERVING THE BUFFER IS INFEASIBLE, DOCUMENT THE REASONS IN THE SWPPP. SHEET PILING IS A REDUNDANT PERIMETER CONTROL IF INSTALLED IN A MANNER THAT RETAINS ALL STORMWATER. [CGP 9.17]
17. USE POLYMERS, FLOCCULANTS, OR OTHER SEDIMENTATION TREATMENT CHEMICALS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES, DOSING SPECIFICATIONS AND SEDIMENT REMOVAL DESIGN SPECIFICATIONS PROVIDED BY THE MANUFACTURER OR SUPPLIER. USE CONVENTIONAL EROSION AND SEDIMENT CONTROLS PRIOR TO CHEMICAL ADDITION AND DIRECT TREATED STORMWATER TO A SEDIMENT CONTROL SYSTEM FOR FILTRATION OR SETTLEMENT OF THE FLOC PRIOR TO DISCHARGE. [CGP 9.18]

SEDIMENT CONTROL DEVICES INCLUDE, BUT ARE NOT LIMITED TO:

1. PERIMETER CONTROL SHALL BE LOCATED ON THE CONTOUR TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS DOWN GRADIENT OF ALL EXPOSED SOILS AND PRIOR TO DISCHARGING TO SURFACE WATERS WITH THE BMP J-HOOKED AT A MAXIMUM OF 100 FOOT INTERVALS AND SHALL CONTAIN NO MORE THAN ¼ ACRE OF DRAINAGE AREA.
2. DITCH CHECKS WILL BE PLACED AS INDICATED ON THE PLANS DURING ALL PHASES OF CONSTRUCTION.
 - A. TEMPORARY DITCH CHECKS WILL CONSIST OF USING ROCK DITCH CHECKS, BIOLOGS AND ROCK WEEPERS IN FRONT OF CULVERT INLETS. IN LIEU OF REMOVING TEMPORARY DITCH CHECKS, THE ROCK MAY BE PUSHED INTO THE GROUND.
 - B. FILTER LOGS WILL BE PLACED DURING PERMANENT TURF ESTABLISHMENT AT THE INTERVALS IDENTIFIED IN THE PLAN.
3. SEDIMENT DAMAGE FROM STOCKPILES WILL BE MINIMIZED BY PLACING A ROW OF SILT FENCE A MINIMUM 5 FEET FROM THE TOE AND CANNOT BE PLACED IN SURFACE WATERS, INCLUDING STORM WATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS OR DITCHES.
4. WHEN TEN (10) OR MORE ACRES DRAINS TO A COMMON LOCATION, A TEMPORARY OR PERMANENT SEDIMENT BASIN MUST BE PROVIDED PRIOR TO RUNOFF LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS. THE PERMITTEE IS ENCOURAGED TO INSTALL TEMPORARY SEDIMENT BASINS WHERE APPROPRIATE IN AREAS WITH STEEP SLOPES OR HIGHLY ERODIBLE SOILS EVEN IF THERE IS LESS THAN TEN (10) ACRES OF DRAINAGE AREA. IF INFEASIBLE, DOCUMENT ACCORDING TO GENERAL PERMIT.

H:\JBN\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Updated SWPPP.dwg-2 SWPPP-8/5/2026 8:49 AM-(edargay)

				I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. <i>Joseph A. Lewis</i> Joseph A. Lewis License No. 46215		Drawn by APD	Date 08/05/2026	JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN	SWPPP (2 OF 3) PROJECT NO. 5555-0366	SHEET 8
No.	Revision	Date	By	Date		Checked by JL	Scale AS SHOWN			

5.1 DEWATERING AND BASIN DRAINING

THIS PROJECT INCLUDES DEWATERING OR BASIN DRAINING.

1. DISCHARGE TURBID OR SEDIMENT-LADEN WATERS RELATED TO DEWATERING OR BASIN DRAINING TO A TEMPORARY OR PERMANENT SEDIMENT BASIN ON THE PROJECT SITE UNLESS INFEASIBLE. DEWATERING TO SURFACE WATERS IS PERMISSIBLE IF A VISUAL CHECK ENSURES ADEQUATE TREATMENT HAS BEEN OBTAINED AND NUISANCE CONDITIONS (SEE MINN. R. 7050.0210, SUBP. 2) WILL NOT RESULT FROM THE DISCHARGE. IF IT IS INFEASIBLE TO DISCHARGE THE WATER TO A SEDIMENTATION BASIN PRIOR TO ENTERING A SURFACE WATER, TREAT IT WITH APPROPRIATE BMPS SUCH THAT THE DISCHARGE DOES NOT ADVERSELY AFFECT THE SURFACE WATER OR DOWNSTREAM PROPERTIES. [MINN. R. 7050.0210; CGP 10.2]. CLEAN OUT ALL PERMANENT STORMWATER BASINS REGARDLESS OF WHETHER USED AS TEMPORARY SEDIMENT BASINS/TRAPS TO THE DESIGN CAPACITY AFTER ALL UPGRADIENT LAND DISTURBING ACTIVITIES HAVE BEEN COMPLETED.
2. IF ANY DISCHARGE OF WATER CONTAINING OIL OR GREASE MUST BE DONE, AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE SHALL BE USED PRIOR TO DISCHARGE.
3. WATER FROM DEWATERING OR BASIN-DRAINING ACTIVITIES SHALL BE DISCHARGED IN A MANNER THAT DOES NOT CAUSE EROSION OR SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS OR INUNDATION OF WETLANDS IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS THAT CAUSES SIGNIFICANT ADVERSE IMPACT TO THE WETLAND. [CGP 10.4] ALL WATER FROM DEWATERING OR BASIN DRAINING ACTIVITIES MUST BE DISCHARGED IN A MANNER THAT DOES NOT CAUSE NUISANCE CONDITIONS, EROSION IN RECEIVING CHANNELS OR ON DOWNSLOPE PROPERTIES, OR INUNDATION IN WETLANDS.

6.0 PERMANENT STORMWATER TREATMENT SYSTEM

THIS PROJECT DOES NOT RESULT IN ONE ACRE OR MORE OF NEW IMPERVIOUS SURFACES.

7.0 SWPPP AVAILABILITY AND RECORD RETENTION

1. THIS SWPPP MUST REMAIN ONSITE AT ALL TIMES AND BE READILY AVAILABLE FOR INSPECTION BY THE ENGINEER, MUNICIPALITY, MPCA OR OTHER GOVERNING EROSION CONTROL REPRESENTATIVE. THE PERMITTEE SHALL KEEP A COPY OF THE SWPPP FOR A MINIMUM OF THREE (3) YEARS AFTER THE NOT HAS BEEN FILED. LOCATION TBD
2. PERMITTEES SHALL NOT ASSIGN OR TRANSFER THIS PERMIT EXCEPT WHEN THE TRANSFER OCCURS IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF ITEM 3.7 AND 3.8 OF THE CGP.
3. NOTHING IN THE PERMIT MUST BE CONSTRUED TO RELIEVE THE PERMITTEES FROM CIVIL OR CRIMINAL PENALTIES FOR NONCOMPLIANCE WITH THE TERMS AND CONDITIONS PROVIDED HEREIN. NOTHING IN THIS PERMIT MUST BE CONSTRUED TO PRECLUDE THE INITIATION OF ANY LEGAL ACTION OR RELIEVE THE PERMITTEES FROM ANY RESPONSIBILITIES, LIABILITIES, OR PENALTIES TO WHICH THE PERMITTEES IS/ARE OR MAY BE SUBJECT TO UNDER SECTION 311 OF THE CLEAN WATER ACT AND MINN. STAT. SECT. 115 AND 116, AS AMENDED. PERMITTEES ARE NOT LIABLE FOR PERMIT REQUIREMENTS FOR ACTIVITIES OCCURRING ON THOSE PORTIONS OF A SITE WHERE THE PERMIT HAS BEEN TRANSFERRED TO ANOTHER PARTY AS REQUIRED IN ITEM 3.7 OF THE CGP OR THE PERMITTEES HAVE SUBMITTED THE N.O.T. AS REQUIRED IN SECTION 4 OF THE CGP.
4. THE PROVISIONS OF THIS PERMIT ARE SEVERABLE. IF ANY PROVISION OF THIS PERMIT OR THE APPLICATION OF ANY PROVISION OF THIS PERMIT TO ANY CIRCUMSTANCES IS HELD INVALID, THE APPLICATION OF SUCH PROVISION TO OTHER CIRCUMSTANCES, AND THE REMAINDER OF THIS PERMIT MUST NOT BE AFFECTED THEREBY.
5. THE PERMITTEES SHALL COMPLY WITH THE PROVISIONS OF MINN. R. 7001.0150, SUBP. 3 AND MINN. R. 7001.1090, SUBP. 1(A), 1(B), 1(C), 1(H), 1(I), 1(J), 1(K), AND 1(L).
6. PERMITTEES SHALL ALLOW ACCESS AS PROVIDED IN 40 CFR 122.41(I) AND MINN. STAT. SECTION. 115.04. THE PERMITTEES MUST ALLOW REPRESENTATIVES OF THE MPCA OR ANY MEMBER, EMPLOYEE OR AGENT THEREOF, WHEN AUTHORIZED BY IT, UPON PRESENTATION OF CREDENTIALS, TO ENTER UPON ANY PROPERTY, PUBLIC OR PRIVATE, FOR THE PURPOSE OF OBTAINING INFORMATION OR EXAMINATION OF RECORDS OR CONDUCTING SURVEYS OR INVESTIGATIONS.
7. FOR THE PURPOSES OF MINN. R. 7090 AND OTHER DOCUMENTS THAT REFERENCE SPECIFIC SECTIONS OF THIS PERMIT, "STORMWATER DISCHARGE DESIGN REQUIREMENTS" CORRESPONDS TO SECTIONS 5,6 AND 14 THROUGH 21; "CONSTRUCTION ACTIVITY REQUIREMENTS" CORRESPONDS TO SECTION 7 THROUGH 13; AND "APPENDIX A" CORRESPONDS TO SECTIONS 22 AND 23.
8. CROSS REFERENCE SECTION 7.3 INSPECTIONS AND MAINTENANCE FOR ADDITIONAL RECORD KEEPING REQUIREMENTS.
9. CROSS REFERENCE SECTION 7.4 AMENDMENTS.

7.1 CONTACTS

	ORGANIZATION	CONTACT NAME	PHONE
OWNER	RICE CREEK WATERSHED DISTRICT	JEN OKNICH	763-398-3089
CONTRACTOR			
SWPPP DESIGNER	HOUSTON ENGINEERING, INC	ALEX SCHMIDT	763-493-6663
LOCAL GOVERNMENT UNIT	THE CITY OF NEW BRIGHTON		
WATERSHED DISTRICT	RICE CREEK WATERSHED DISTRICT		
REGULATORY	MPCA		

7.2 TRAINING REQUIREMENTS

1. PERMITTEES SHALL ENSURE ALL OF THE FOLLOWING INDIVIDUALS RECEIVE TRAINING AND THE CONTENT AND EXTENT OF THE TRAINING IS COMMENSURATE WITH THE INDIVIDUAL'S JOB DUTIES AND RESPONSIBILITIES WITH REGARD TO ACTIVITIES COVERED UNDER THIS PERMIT:
 - A. INDIVIDUALS PREPARING THE SWPPP FOR THE PROJECT.

THIS SWPPP WAS PREPARED BY OR UNDER THE SUPERVISION OF PERSONNEL THAT ARE QUALIFIED FOR THE DESIGN OF CONSTRUCTION SWPPP AND EROSION/SEDIMENT CONTROL.

NAME	CERTIFICATION
ALEX SCHMIDT	DESIGN OF CONSTRUCTION SWPPP

DATE OF TRAINING: 1/5/2024
UNIVERSITY OF MINNESOTA EROSION AND STORMWATER MANAGEMENT CERTIFICATION PROGRAM
DESIGN OF CONSTRUCTION SWPPP

7.2 TRAINING REQUIREMENTS CONTINUED

- B. INDIVIDUALS OVERSEEING IMPLEMENTATION OF, REVISING AND/ OR AMENDING THE SWPPP AND INDIVIDUALS PERFORMING INSPECTIONS FOR THE PROJECT. ONE OF THESE INDIVIDUALS MUST BE AVAILABLE FOR AN ONSITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE MPCA.
- C. THE CONTRACTOR SHALL DEVELOP A CHAIN OF COMMAND WITH ALL OPERATORS (INCLUDING SUB-CONTRACTORS) FOR THE SITE TO ENSURE THAT THE SWPPP WILL BE IMPLEMENTED AND STAY IN EFFECT UNTIL THE CONSTRUCTION PROJECT IS COMPLETE, UNTIL THE ENTIRE SITE HAS UNDERGONE FINAL STABILIZATION, AND UNTIL A NOT HAS BEEN SUBMITTED TO THE MPCA.
- D. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATELY TRAINED PERSONNEL (ACCORDING TO MPCA GENERAL PERMIT SECTION 21.2) FOR THE FOLLOWING: AN EROSION CONTROL SUPERVISOR THAT IS RESPONSIBLE FOR OVERSEEING THE IMPLEMENTATION AND REVISING OF THE SWPPP WHO IS KNOWLEDGEABLE AND EXPERIENCED IN THE APPLICATION OF EROSION PREVENTION AND SEDIMENT CONTROL BMPS.

EROSION CONTROL SUPERVISOR	PHONE	CHAIN OF COMMAND:

2. PERMITTEES SHALL ENSURE INDIVIDUALS IDENTIFIED IN SECTION 21 RECEIVE TRAINING FROM LOCAL, STATE, FEDERAL AGENCIES, PROFESSIONAL ORGANIZATIONS, OR OTHER ENTITIES WITH EXPERTISE IN EROSION PREVENTION, SEDIMENT CONTROL, PERMANENT STORMWATER TREATMENT AND THE MINNESOTA NPDES/SDS CONSTRUCTION STORMWATER PERMIT. PERMITTEES MUST ENSURE THESE INDIVIDUALS ATTEND A REFRESHER-TRAINING COURSE EVERY THREE (3) YEARS.

7.3 INSPECTIONS AND MAINTENANCE

1. CROSS REFERENCE SECTION 4.1 IMPLEMENTATION TIMELINES.
2. PERMITTEES SHALL ENSURE A TRAINED PERSON, AS IDENTIFIED IN ITEM 21.2.B, WILL INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 1/2 INCH IN 24 HOURS.
3. PERMITTEES SHALL INSPECT AND MAINTAIN ALL PERMANENT STORMWATER TREATMENT BMPS.
4. PERMITTEES SHALL INSPECT ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS AND POLLUTION PREVENTION MANAGEMENT MEASURES TO ENSURE INTEGRITY AND EFFECTIVENESS. PERMITTEES MUST REPAIR, REPLACE OR SUPPLEMENT ALL NONFUNCTIONAL BMPS WITH FUNCTION BMPS BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY UNLESS ANOTHER TIME FRAME IS SPECIFIED IN ITEM 11.5 OR 11.6. PERMITTEES MAY TAKE ADDITIONAL TIME IF FIELD CONDITIONS PREVENT ACCESS TO THE AREA.
5. DURING EACH INSPECTION, PERMITTEES SHALL INSPECT SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS BUT NOT CURB AND GUTTER SYSTEMS, FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. PERMITTEES SHALL REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS AND RESTABILIZE THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL. PERMITTEES SHALL COMPLETE REMOVAL AND STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. PERMITTEES MUST USE ALL (7) DAYS OF OBTAINING ACCESS. PERMITTEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK IN SURFACE WATERS.
6. PERMITTEES SHALL INSPECT CONSTRUCTION SITE VEHICLE EXIT LOCATIONS, STREETS AND CURB AND GUTTER SYSTEMS WITHIN AND ADJACENT TO THE PROJECT FOR SEDIMENTATION FROM EROSION OR TRACKED SEDIMENT FROM VEHICLES. PERMITTEES MUST REMOVE SEDIMENT FROM ALL PAVED SURFACES WITHIN ONE (1) CALENDAR DAY OF DISCOVERY OR, IF APPLICABLE, WITHIN A SHORTER TIME TO AVOID A SAFETY HAZARD TO USERS OF PUBLIC STREETS.
7. PERMITTEES SHALL REPAIR, REPLACE OR SUPPLEMENT ALL PERIMETER CONTROL DEVICES WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE.
8. PERMITTEES SHALL DRAIN TEMPORARY AND PERMANENT SEDIMENTATION BASINS AND REMOVE THE SEDIMENT WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES 1/2 THE STORAGE VOLUME.
9. PERMITTEES MAY ADJUST THE INSPECTION SCHEDULE DESCRIBED IN ITEM 11.2 AS FOLLOWS:
 - A. INSPECTIONS OF AREAS WITH PERMANENT COVER CAN BE REDUCED TO ONCE PER MONTH, EVEN IF CONSTRUCTION ACTIVITY CONTINUES ON OTHER PORTIONS OF THE SITE; OR
 - B. WHERE SITES HAVE PERMANENT COVER ON ALL EXPOSED SOIL AND NO CONSTRUCTION ACTIVITY IS OCCURRING ANYWHERE ON THE SITE, INSPECTIONS CAN BE REDUCED TO ONCE PER MONTH AND, AFTER 12 MONTHS, MAY BE SUSPENDED COMPLETELY UNTIL CONSTRUCTION ACTIVITY RESUMES. THE MPCA MAY REQUIRE INSPECTIONS TO RESUME IF CONDITIONS WARRANT; OR
 - C. 9.3. WHERE CONSTRUCTION ACTIVITY HAS BEEN SUSPENDED DUE TO FROZEN GROUND CONDITIONS, INSPECTIONS MAY BE SUSPENDED. INSPECTIONS MUST RESUME WITHIN 24 HOURS OF RUNOFF OCCURRING, OR UPON RESUMING CONSTRUCTION, WHICHEVER COMES FIRST.
10. PERMITTEES SHALL RECORD ALL INSPECTIONS AND MAINTENANCE ACTIVITIES WITHIN 24 HOURS OF BEING CONDUCTED AND THESE RECORDS MUST BE RETAINED WITH THE SWPPP. THESE RECORDS MUST INCLUDE:
 - A. DATE AND TIME OF INSPECTIONS; AND
 - B. NAME OF PERSONS CONDUCTING INSPECTIONS; AND
 - C. ACCURATE FINDINGS OF INSPECTIONS, INCLUDING THE SPECIFIC LOCATION WHERE CORRECTIVE ACTIONS ARE NEEDED; AND
 - D. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); AND
 - E. DATE OF ALL RAINFALL EVENTS GREATER THAN 1/2 INCHES IN 24 HOURS, AND THE AMOUNT OF RAINFALL FOR EACH EVENT. PERMITTEES MUST OBTAIN RAINFALL AMOUNTS BY EITHER A PROPERTY MAINTAINED RAIN GAUGE INSTALL ONSITE, A WEATHER STATION THAT IS WITHIN ONE (1) MILE OF YOUR LOCATION, OR A WEATHER REPORTING SYSTEM THAT PROVIDES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES; AND
 - F. IF PERMITTEES OBSERVE A DISCHARGE DURING THE INSPECTION, THEY MUST RECORD AND SHOULD PHOTOGRAPH AND DESCRIBE THE LOCATION OF THE DISCHARGE (I.E., COLOR, ODOR, SETTLED OR SUSPENDED SOLIDS, OIL SHEEN, AND OTHER OBVIOUS INDICATORS OF POLLUTANTS); AND
 - G. ANY AMENDMENTS TO THE SWPPP PROPOSED AS A RESULT OF THE INSPECTION MUST BE DOCUMENTED AS REQUIRED IN SECTION 6 WITHIN SEVEN (7) DAYS.

8.0 POLLUTION PREVENTION MANAGEMENT MEASURES

1. PROVIDE A SPILL KIT AT EACH WORK LOCATION ON THE SITE. ENSURE ALL SPILLS ARE CLEANED UP IMMEDIATELY.
2. STORE ALL MATERIALS THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS, PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPE MATERIALS UNDER COVER AND WITH SECONDARY CONTAINMENT.
3. PROVIDE A SECURE STORAGE AREA WITH RESTRICTED ACCESS FOR ALL HAZARDOUS MATERIALS AND TOXIC WASTE. RETURN ALL HAZARDOUS MATERIALS AND TOXIC WASTE TO THE DESIGNATED STORAGE AREA AT THE END OF THE BUSINESS DAY UNLESS INFEASIBLE. STORE ALL HAZARDOUS MATERIALS AND TOXIC WASTE (INCLUDING BUT NOT LIMITED TO OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT, PETROLEUM BASED PRODUCTS, WOOD PRESERVATIVES, ADDITIVES, CURING COMPOUNDS, AND ACIDS) IN SEALED CONTAINERS WITH SECONDARY CONTAINMENT. CLEAN UP SPILLS IMMEDIATELY.
4. STORE, COLLECT AND DISPOSE OF ALL SOLID WASTE.
5. POSITION ALL PORTABLE TOILETS SO THAT THEY ARE SECURE AND CANNOT BE TIPPED OR KNOCKED OVER. PROPERLY DISPOSE OF ALL SANITARY WASTE.
6. FUEL AND MAINTAIN VEHICLES IN A DESIGNATED CONTAINED AREA WHENEVER FEASIBLE. USE DRIP PANS OR ABSORBENT MATERIALS TO PREVENT SPILLS OR LEAKED CHEMICALS FROM DISCHARGING TO SURFACE WATER OR STORMWATER CONVEYANCES. PROVIDE A SPILL KIT AT EACH LOCATION THAT VEHICLES AND EQUIPMENT ARE FUELED OR MAINTAINED AT.
7. LIMIT VEHICLE AND EQUIPMENT WASHING TO A DEFINED AREA OF THE SITE. CONTAIN RUNOFF FROM THE WASHING AREA TO A TEMPORARY SEDIMENT BASIN OR OTHER EFFECTIVE CONTROL. PROPERLY DISPOSE OF ALL WASTE GENERATED BY VEHICLE AND EQUIPMENT WASHING. ENGINE DEGREASING IS NOT ALLOWED ON THE SITE.
8. PROVIDE EFFECTIVE CONTAINMENT FOR ALL LIQUID AND SOLID WASTES GENERATED BY WASHOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS. LIQUID AND SOLID WASHOUT WASTES MUST NOT CONTACT THE GROUND. DESIGN THE CONTAINMENT SO THAT IT DOES NOT RESULT IN RUNOFF FROM THE WASHOUT OPERATIONS OR CONTAINMENT AREA.
9. CREATE AND FOLLOW A WRITTEN DISPOSAL PLAN FOR ALL WASTE MATERIALS. INCLUDE IN THE PLAN HOW THE MATERIAL WILL BE DISPOSED OF AND THE LOCATION OF THE DISPOSAL SITE. SUBMIT PLAN TO THE ENGINEER.
10. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT DISCHARGE OR PLACEMENT OF BITUMINOUS GRINDINGS, CUTTINGS, MILLINGS, AND OTHER BITUMINOUS WASTES FROM AREAS OF EXISTING OR FUTURE VEGETATED SOILS AND FROM ALL WATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES.
11. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT CONCRETE DUST, STREET SWEEPING DUST, PARTICLES, CONCRETE WASH OUT, AND OTHER CONCRETE WASTES FROM LEAVING PUBLIC RIGHT OF WAY, DEPOSITING IN EXISTING OR FUTURE VEGETATED AREAS, AND FROM ENTERING STORMWATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT SAW CUT SLURRY AND PLANING WASTE FROM LEAVING PUBLIC RIGHT OF WAY AND FROM ENTERING STORMWATER CONVEYANCE SYSTEMS INCLUDING DITCHES AND CULVERTS.

9.0 PERMIT TERMINATION CONDITIONS

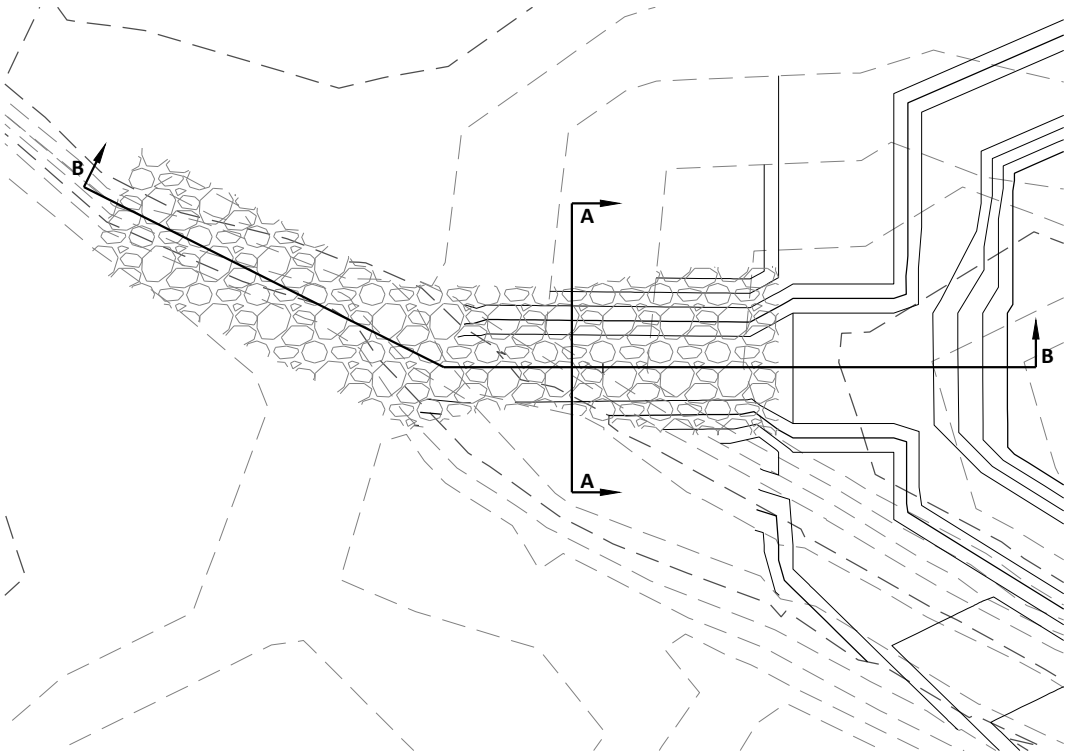
1. PERMITTEES SHALL COMPLETE ALL CONSTRUCTION ACTIVITY AND SHALL INSTALL PERMANENT COVER OVER ALL AREAS PRIOR TO SUBMITTING THE NOT. VEGETATIVE COVER MUST CONSIST OF A UNIFORM PERENNIAL VEGETATION WITH A DENSITY OF 70 PERCENT OF ITS EXPECTED FINAL GROWTH. VEGETATION IS NOT REQUIRED WHERE THE FUNCTION OF A SPECIFIC AREA DICTATES NO VEGETATION, SUCH AS IMPERVIOUS SURFACES OR THE BASE OF A SAND FILTER.
ALL DISTURBED AREAS WILL HAVE REINFORCED FIBER BONDED MATRIX HYDRO-MULCH APPLIED FOLLOWING MANUFACTURERS GUIDANCE, FOLLOWED BY SEED APPLICATION USING THE SPECIFIED MIX
2. PERMITTEES SHALL CLEAN THE PERMANENT STORMWATER TREATMENT SYSTEM OF ANY ACCUMULATED SEDIMENT AND SHALL ENSURE THE SYSTEM MEETS ALL APPLICABLE REQUIREMENTS IN SECTION 15 THROUGH SECTION 19 AND IS OPERATING AS DESIGNED.
3. PERMITTEES SHALL REMOVE ALL SEDIMENT FROM CONVEYANCE SYSTEMS PRIOR TO SUBMITTING THE NOT.
4. PERMITTEES SHALL REMOVE ALL TEMPORARY SYNTHETIC EROSION PREVENTION AND SEDIMENT CONTROL BMPS PRIOR TO SUBMITTING THE NOT. PERMITTEES MAY LEAVE BMPS DESIGNED TO DECOMPOSE ON-SITE IN PLACE.
5. FOR RESIDENTIAL CONSTRUCTION ONLY, PERMIT COVERAGE TERMINATES ON INDIVIDUAL LOTS IF THE STRUCTURES ARE FINISHED AND TEMPORARY EROSION PREVENTION AND DOWNGRADIENT PERIMETER CONTROL IS COMPLETE, THE RESIDENCE SELLS TO THE HOMEOWNER, AND THE PERMITTEE DISTRIBUTES THE MPCA'S "HOMEOWNER FACT SHEET" TO THE HOMEOWNER.

H:\JBN\1500\15555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Updated SWPPP.dwg-3 SWPPP-8/5/2026 8:49 AM-(edargay)

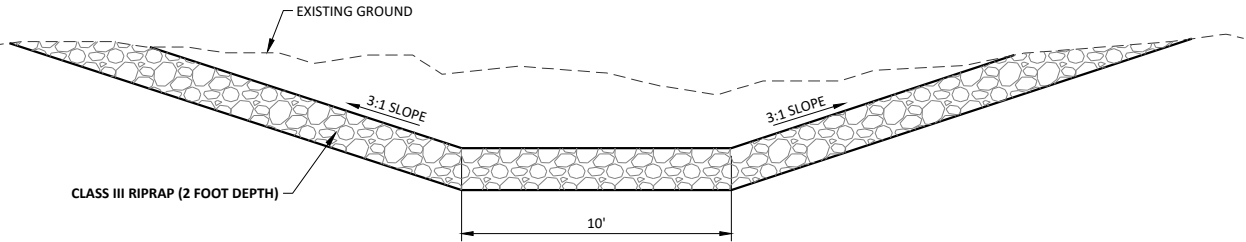
				I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. <i>Joseph A. Lewis</i> Joseph A. Lewis License No. 46215
No.	Revision	Date	By	Date
				08/05/2026



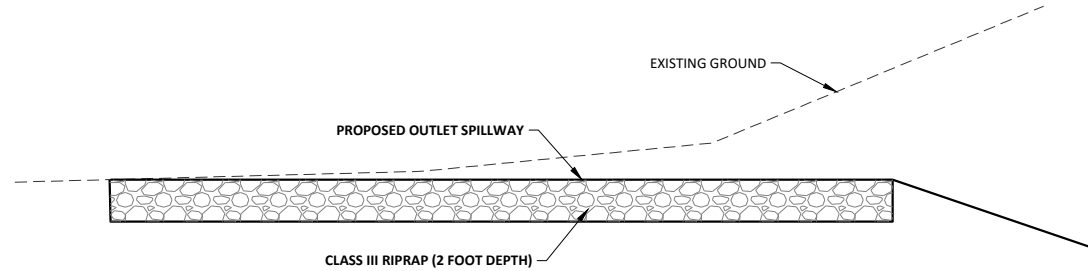
Drawn by APD	Date 08/05/2026	JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN	SWPPP (3 OF 3) PROJECT NO. 5555-0366	SHEET 9
Checked by JL	Scale AS SHOWN			



FOREBAY OUTLET PLAN
NOT TO SCALE

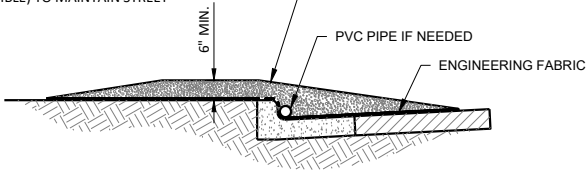


SECTION A-A: TYPICAL SECTION
NOT TO SCALE

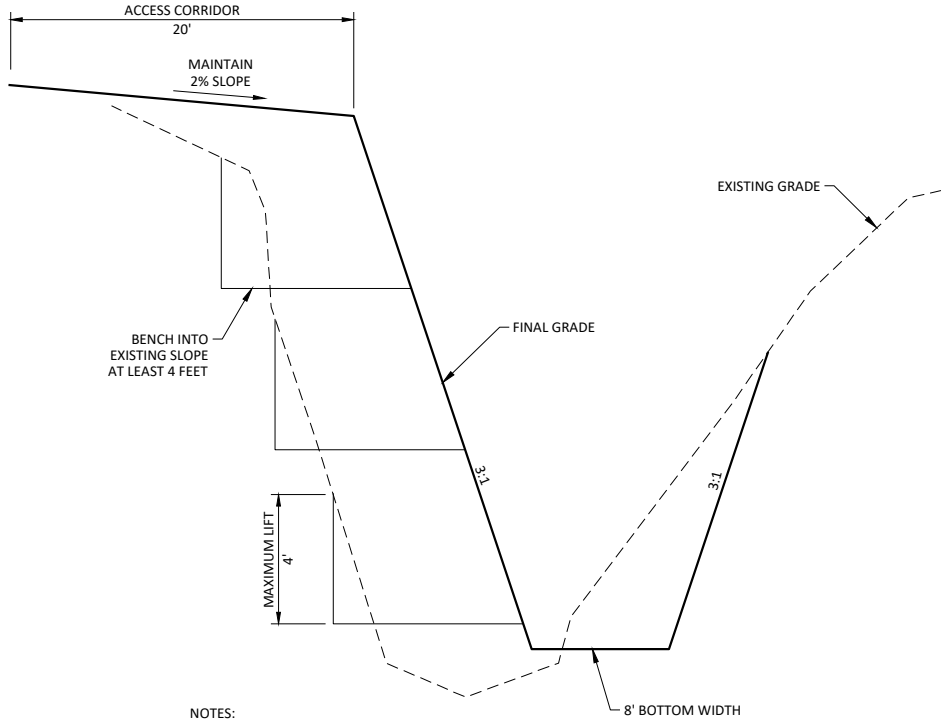


SECTION B-B: TYPICAL SECTION
NOT TO SCALE

NOTE:
TEMPORARY ACCESS OVER EXISTING CURB & GUTTER SHOULD BE LOCATED AT HIGH POINTS IN THE STREET (IF POSSIBLE) TO MAINTAIN STREET DRAINAGE



TEMP. SITE ACCESS RAMP
NOT TO SCALE

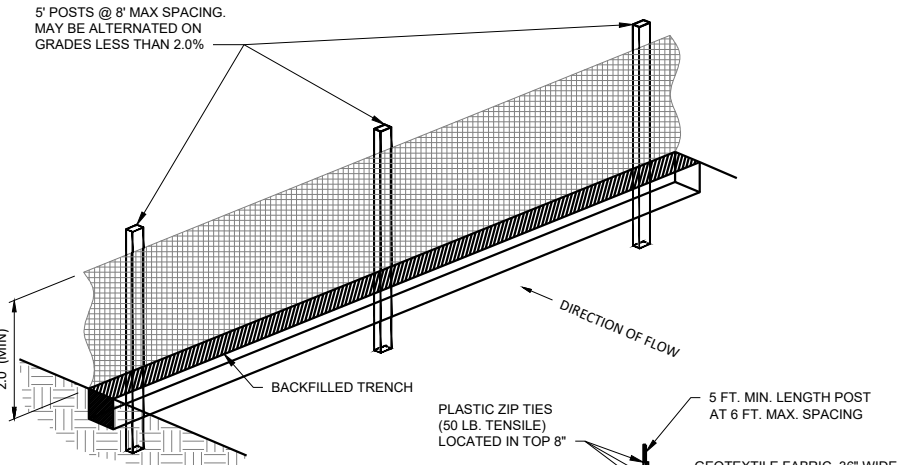
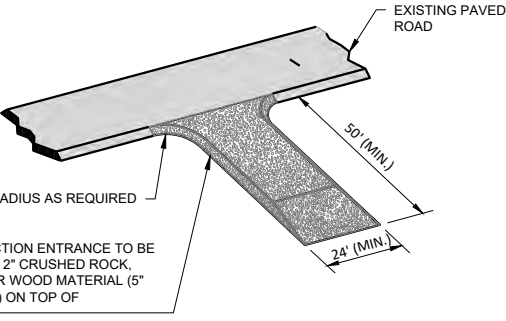


- NOTES:
1. ALL SIDE SLOPES TO BE NO STEEPER THAN 3:1
 2. PLACE NON-ORGANIC FILL IN LIFTS NO GREATER THAN 4 FEET VERTICAL AND COMPACT FILL WITH BUCKET.
 3. FOR EACH LIFT, CUT INTO EXISTING SIDE SLOPE AT LEAST 4 FEET.
 4. NO GRADING WITHIN 5' OF POWER POLES.
 5. NO GRADING OR ACCESS OUTSIDE OF WORK LIMITS.
 6. PLACE 4" OF TOPSOIL TO ACHIEVE FINAL GRADE ON FILL SLOPE.
 7. SEED AND HYDROMULCH USING BONDED FIBER MATRIX AS STATED IN SPECIFICATION.

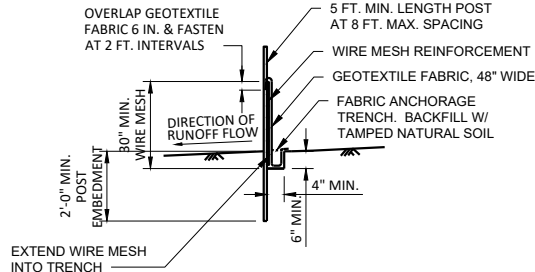
TYPICAL CHANNEL CROSS SECTION
NOT TO SCALE

- NOTES:
1. A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES OR EQUIPMENT ENTER OR EXIT THE CONSTRUCTION SITES THAT ARE OVER 5 ACRES AND MAY BE REQUIRED BETWEEN 1 AND 5 ACRES AS DIRECTED BY THE ENGINEER.
 2. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE THE TEMPORARY CONSTRUCTION ENTRANCE UNLESS NOTED OTHERWISE, AND THE SITE SHALL BE RESTORED TO ITS PREVIOUS CONDITION.
 3. ENTRANCES SHALL BE MAINTAINED IN A MANNER TO MINIMIZE THE TRACKING OF SEDIMENT ONTO PAVED SURFACES.
 4. THE LOCATION OF TEMPORARY ENTRANCES SHALL BE AS SHOWN ON THE PLANS. IF NOT SHOWN ON THE PLANS, THE CONTRACTOR SHALL COORDINATE THE LOCATIONS WITH THE ENGINEER.
 5. COSTS ASSOCIATED WITH CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY ENTRANCES SHALL BE INCLUDED IN THE BID ITEM "TEMPORARY CONSTRUCTION ENTRANCE".

ROCK CONSTRUCTION ENTRANCE
NOT TO SCALE



STANDARD MACHINE SLICED



HEAVY DUTY

NOTE:
SILT FENCE TO BE STANDARD UNLESS ACTUAL SITE CONDITIONS REQUIRE HEAVY DUTY FENCE PER BMP'S OR INDICATED ON PLANS.

SILT FENCE
NOT TO SCALE

H:\JBN\5500\5555\5555_0366 Jones Lake Final Plans\CAD\Plans\5555-0366 Details.dwg-11x17 Landscape Bottom-8/5/2026 8:49 AM-(adargay)

No.	Revision	Date	By	I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Joseph A. Lewis License No. 46215	Date 08/05/2026
-----	----------	------	----	--	--------------------



Drawn by APD	Date 08/05/2026
Checked by JL	Scale AS SHOWN

JONES LAKE SEDIMENT FOREBAY AND ACCESS CONSTRUCTION RICE CREEK WATERSHED DISTRICT NEW BRIGHTON, MN
--

DETAILS PROJECT NO. 5555-0366

SHEET 10

ITEMS REQUIRING BOARD ACTION

6. Check Register Dated August 12, 2026, in the Amount of \$270,104.05, Prepared by Redpath and Company

Rice Creek Watershed District

Check Register

July 23, 2026 - August 12, 2026

To Be Approved at the August 12, 2026 Board Meeting

Check #	Date	Payee	Description	Amount
27001	08/12/26	Apitz Garage, Inc.	Vehicle	\$174.02
27002	08/12/26	Carp Solutions, LLC	Professional Services	41,600.00
27003	08/12/26	City of Mounds View	Professional Services	200.00
27004	08/12/26	Jolene George	Construction-Mini Grant	421.37
27005	08/12/26	Richard Hank	Construction-WQ cost share grant	2,742.50
27006	08/12/26	Jacobs Engineering Group Inc.	Engineering	5,175.00
27007	08/12/26	Leighton Engage	Contracted Services	1,000.00
27008	08/12/26	Print Central	Printing	114.80
27009	08/12/26	Tom Rademacher	Construction -WQ cost share grant	4,495.33
27010	08/12/26	Ramsey County	Contracted Services	33,063.83
27011	08/12/26	Redpath & Company, LLC	Audit and Accounting	3,378.26
27012	08/12/26	Rinke Noonan	Legal	8,254.80
27013	08/12/26	Scandia Trucking & Excavating	Contracted Services	4,306.50
27014	08/12/26	Tonya Starken	Construction-Mini Grant	353.19
27015	08/12/26	St. Paul Pioneer Press	Legal Notices	318.68
27016	08/12/26	Timesaver Off Site Secretarial	Professional Services	492.00
27017	08/12/26	Treehouse Studio LLC	Contracted Services	925.00
27018	08/12/26	Linda Vukelich	Construction-Mini Grant	500.00
27019	08/12/26	Washington Conservation District	Contracted Services	7,844.75
27020	08/12/26	Winnick Supply, Inc.	Contracted Services	8,470.57
27021	08/12/26	WSB & Associates, Inc.	Engineering	3,472.75
11484	09/24/25	Carlson Park Blaine, LLC	Surety Release - #22-109	(5,000.00) *Void
11486	09/24/25	Centerpoint Energy	Surety Release - #24-030	(1,000.00) *Void
11517	02/11/26	Centerpoint Energy	Surety Release - #21-092	(1,000.00) *Void
11556	08/12/26	Carlson Park Blaine, LLC	Surety Release - #22-109	5,000.00 *Reissue
11557	08/12/26	Centerpoint Energy	Surety Release - #24-030,21-092	2,000.00 *Reissue
11557	08/12/26	Centerpoint Energy	Surety Release - #25-029	1,000.00
11558	08/12/26	D.R. Horton, Inc.	Surety Release - #21-004	43,400.00
11559	08/12/26	Kwik Trip, Inc.	Surety Release - #24-063	1,000.00
11560	08/12/26	Northeast Property Holdings, LLC.	Surety Release - #25-050	2,600.00
11561	08/12/26	2700 Snelling Ave LLC	Surety Release - #25-007	5,000.00
11562	08/12/26	U.S. Home Corporation (dba Lennar)	Surety Release - #19-105	5,000.00
Payroll	08/15/26	August 15th Payroll (estimate)	August 15th Payroll (estimate)	43,259.81
EFT	08/01/26	First Unum Life Insurance Company	August Employee Benefits	835.10
EFT	08/01/26	Delta Dental of Minnesota	August Employee Benefits	1,134.11
EFT	08/10/26	US Bank Equipment Finance	Equipment Lease	691.94
EFT	08/12/26	Comcast	Telecommunications	419.75
EFT	08/12/26	Wex Bank	Vehicle Fuel	556.65
EFT	08/12/26	Xcel Energy	Telecommunications	181.86
EFT	08/12/26	Xcel Energy	Telecommunications	16.08
EFT	08/12/26	US Geological Survey	Contracted services	3,605.25
EFT	07/19/26	Card Services-Elan	July Credit Card	(17.59)
EFT	08/19/26	Card Services-Elan	August Credit Card	7,247.36
EFT	07/24/26	ADP	Payroll Fee	85.34
EFT	07/30/26	ADP	Payroll Fee	(404.64)
EFT	07/30/26	ADP	Payroll Fee	93.10

Rice Creek Watershed District
Check Register
July 23, 2026 - August 12, 2026
To Be Approved at the August 12, 2026 Board Meeting

Check #	Date	Payee	Description	Amount
EFT	08/15/26	Internal Revenue Service	8/15 Federal Withholding (estimate)	14,626.39
EFT	08/15/26	Minnesota Revenue	8/15 State Withholding (estimate)	2,772.57
EFT	08/15/26	Voya Retirement	8/15 Deferred Compensation	860.00
EFT	08/15/26	Voya Retirement	8/15 Roth IRA	375.00
EFT	08/15/26	Health Equity	8/15 HSA	453.00
EFT	08/15/26	PERA	8/15 PERA (estimate)	8,009.62
Total				<u>\$270,104.05</u>

ITEMS FOR DISCUSSION AND INFORMATION

1. District Engineer Updates and Timeline



District Engineer - Monthly Project Report July 2026 Rice Creek Watershed District



Date Prepared:
Prepared by:

4-Aug-26
C. Grandbois

Project Name	Task Order Manager	Estimated Budget	Cost to Date	Remaining Budget	Project Complete / Transfer Funds?	Estimated Progress Based on Work Completed	Percentage of Budget Utilized	Within Budget? (Y/N)	District Billed for Exceedence of Budget? (Y/N)	Initial Target Completion Date	Items of Interest / Concern
East Moore Lake Stormwater Resilience and Water Quality Analysis	Adam Nies	\$77,000	\$62,492	\$14,508	N	85.0%	81.2%	Y	N/A	1-Feb-26	A draft report has been completed and is being reviewed by District staff
JD 3 Clearwater Creek Final Plans	Adam Nies	\$110,000	\$37,825	\$72,175	N	30.0%	34.4%	Y	N/A	30-Jun-26	A landowner information meeting has been set for September 14 to discuss affects of the project on adjacent properties
Jones Lake Outlet Modification and Dredging Project: Final Design and Permitting	Joe Lewis	\$485,000	\$368,593	\$116,407	N	90.0%	76.0%	Y	N/A	30-Jun-26	Plans and specifications for the Phase 1 repair are completed. The Board will consider authorization for soliciting bids at the August 12 Board meeting
Hardwood Creek / JD 2 Subwatershed Storage Feasibility Study	Adam Nies	\$54,000	\$50,094	\$3,906	N	90.0%	92.8%	Y	N/A	1-Mar-26	District staff have completed review of the draft report. HEI is currently addressing comments
ARJD 1 Repair Report	Adam Nies	\$132,000	\$76,776	\$55,224	N	75.0%	58.2%	Y	N/A	1-Jun-26	A draft repair report is currently being reviewed by District staff. CCES has begun an intial rare species review.
ACD 53-62 Branches 5 & 6 Final Design Bidding and Construction Management	Adam Nies	\$125,000	\$125,708	(\$708)	Y	100.0%	100.6%	Y	N/A	31-Dec-26	Work is complete.
GIS and Ditch Records Maintenance; DrainageDB Annual Subscription	Brian Fischer	\$19,000	\$3,106	\$15,894	N	58.3%	46.7%	Y	N/A	31-Dec-26	HEI uploads ditch records to DrainageDB quarterly, updates GIS data, and manages WMD charge information.
MS4Front Annual Subscription and Implementation Services	Brian Fischer	\$16,000	\$3,106	\$12,894	N	58.3%	27.1%	Y	N/A	31-Dec-26	HEI completes updates to MS4Front on an as-requested basis.
Hansen Park IESF Rehabilitation	Alex Schmidt	\$18,300	\$3,106	\$15,194	N	85.0%	81.8%	Y	N/A	30-Jun-26	A draft report has been completed and is under review.
Lake Johanna Outlet Final Plans and Const Admin	Chris Otterness	\$73,400	\$3,106	\$70,294	N	30.0%	32.7%	Y	N/A	31-Dec-26	Final plans and specifications are nearing completion. We have submitted an application to DNR to amend the existing permit for the outlet
Eagle Brook Church ACD 72 Water Quality Project	Chris Otterness	\$9,500	\$3,106	\$6,394	N	80.0%	89.3%	Y	N/A	15-Jun-26	We are nearing completion of a draft report.
RWJD 1 Repair Report	Chris Otterness	\$75,000	\$3,106	\$71,894	N	10.0%	6.9%	Y	N/A	30-Nov-26	We have completed survey along the drainage system and have begun laying out plan sheets. Next steps include evaluating repair extent.
As-built survey of Public Drainage System Maintenance	Chris Otterness	\$7,000	\$3,106	\$3,894	N	90.0%	91.6%	Y	N/A	1-Jul-26	Draft as-built plans have been completed.
Hansen Park South Weir Retrofit	Chris Otterness	\$9,000	\$3,106	\$5,894	N	70.0%	70.9%	Y	N/A	10-Jul-26	A draft plan has been prepared

Values in red are either potential budget concerns or changes in schedule.

The "overage" for those projects shown as "over budget" is not billed to the District. The cost to date column reflects HEI's actual internal cost. Projects are considered within budget if $\pm 5\%$.

District Engineer
Monthly Progress Report (Actual & Estimated Progress)
Through July 2026

