



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

AGENDA

Tuesday, April 15, 2025

6:00 PM

Council Chambers
Prior Lake City Hall

BOARD OF MANAGERS:

**Bruce Loney, President; Frank Boyles, Vice President;
Christian Morkeberg, Treasurer; Ben Burnett, Secretary; Matt Tofanelli, Manager**

Note: Individuals with items on the agenda or who wish to speak to the Board are encouraged to be in attendance when the meeting is called to order.

Closed Board Meeting 3:00 PM – *Parkview Conference Room*

- Water Quality Project: Easement or Property Purchase Negotiation Terms (Closed Meeting)

Board Workshop **4:30 PM** – *Parkview Conference Room*

- | | | |
|----------------|-----|---|
| 4:30 – 4:45 PM | W.1 | Annual Retreat Agenda Topics (Bruce Loney) |
| 4:45 – 5:15 PM | W.2 | Minnesota Watersheds Resolutions Discussion (Joni Giese) |
| 5:15 – 5:35 PM | W.3 | Administrator Report (Joni Giese) |
| 5:35 – 5:50 PM | W.4 | Liaison Updates |
| | | <ul style="list-style-type: none"> ○ District Partners in Attendance ○ Managers' Summary of other Meetings Attended |

6:00 – 6:01 PM 1.0 **BOARD MEETING CALL TO ORDER & PLEDGE OF ALLEGIANCE**

6:01 – 6:01 PM 2.0 **PUBLIC COMMENT**

If anyone wishes to address the Board of Managers on an item not on the agenda or on the consent agenda, please come forward at this time. Go up to the podium, turn on the microphone and state your name and address. (The Chair may limit your time for commenting.)

6:01 - 6:04 PM **PUBLIC HEARING –Spring Lake West Iron-Enhanced Sand Filter Project Ordering**

If anyone wishes to address the Board of Managers on the proposed Capital Improvement Project: Spring Lake West Iron Enhanced Sand Filter, please come forward at this time. Go up to the podium, turn on the microphone and state your name and address. (The Chair may limit your time for commenting.)

6:04 – 6:05 PM 3.0 **APPROVAL OF AGENDA** (Additions/Corrections/Deletions)

6:05 – 7:00 PM 4.0 **OTHER OLD/NEW BUSINESS**

- 4.1 Programs & Projects Update (Discussion)
- 4.2 2024 Annual Report Approval (Vote)
- 4.3 Swamp Lake Iron-Enhanced Sand Filter Request for Bids Approval (Vote)
- 4.4 200th Street Pond Irrevocable Term License (Vote)
- 4.5 Spring Lake West Iron-Enhanced Sand Filter Project Ordering

7:00 – 7:05 PM 5.0 **TREASURER’S REPORT**

5.1 Monthly Financial Reports (Discussion Only)

- Financial Report
- Treasurers Report
- Cash Flow Projections
- Cost Analysis

5.2 Revised Financial Report for Year Ended December 31, 2024

7:05 – 7:10 PM 6.0 **CONSENT AGENDA**

The consent agenda is considered as one item of business. It consists of routine administrative items or items not requiring discussion. Items can be removed from the consent agenda at the request of the Board member, staff member, or a member of the audience. Please state which item or items you wish to remove for separate discussion.

6.1 Meeting Minutes – February 18, 2025, Board Workshop

6.2 Meeting Minutes – February 18, 2025, Board Meeting

6.3 Meeting Minutes – March 18, 2025, Board Workshop

6.4 Meeting Minutes – March 18, 2025, Board Meeting

6.5 Meeting Minutes – January 30, 2025, CAC Meeting

6.6 Claims List and Bank Purchase Card Expenditures Summary

6.7 Approval for Second Term on CAC: Curtis Witt

6.8 Approval for Second Term on CAC: Ron Hoffmeyer

6.9 League of Minnesota Cities Liability Coverage Waiver

6.10 Quarterly Investment Summary

6.11 Aspen Ridge Development Agreement

6.12 Aspen Ridge Declaration of Conservation Easement

7:10 – 7:15 PM 7.0 **UPCOMING MEETING/EVENT SCHEDULE:**

- Joint Board of Managers and CAC Meeting, Tuesday, April 29, 2025, 6:00 pm (Prior Lake City Hall – Parkview Conference Room)
- PLOC Cooperators Meeting, Thursday, May 15, 2025, 12:00 pm (Prior Lake City Hall – Parkview Conference Room)
- Board of Managers Workshop, Tuesday, May 20, 2025, 4:00 pm (Prior Lake City Hall – Parkview Conference Room)
- Board of Managers Meeting, Tuesday, May 20, 2025, 6:00 pm (Prior Lake City Hall – Council Chambers)
- Board of Managers Annual Retreat, Thursday, May 22, 2025, 5:00 pm (Prior Lake City Hall – Wagon Bridge Conference Room)
- Annual Board of Managers and CAC Tour, Thursday, May 29, 2025, 4:00 pm (Depart from Prior Lake City Hall)

7:15 PM 8.0 **ADJOURNMENT**

PLSLWD Board Staff Report

April 8, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | Spring Lake West Iron-Enhanced Sand Filter Project Ordering

Board Meeting Date | April 15, 2025

Item No: Public Hearing

Prepared By | Danielle Studer, Water Resources Specialist

Attachments |

- a) Spring Lake West Feasibility Study (see board meeting agenda item 4.5)
- b) Updated Preliminary IESF Alternatives and Estimates of Cost (see board meeting agenda item 4.5)

Proposed Action | None.

Background

The purpose of this agenda item is to hold a Public Hearing for the Spring Lake West Iron-Enhanced Sand Filter, a capital improvement project. Minnesota Statute 103B.251 Subd. 4 requires that Watershed Districts notice and hold a public hearing for capital improvement projects. Notice of this public hearing was published in the Star Tribune newspaper on March 28 and April 4, 2025.

Discussion

This project will help to improve the water quality of Spring Lake and downstream to Upper and Lower Prior Lakes. The project is estimated to remove 207 pounds per year of phosphorus entering Spring Lake, which represents 7% of the Spring Lake reduction goal. Staff shall present a brief overview of the project and respond to any questions brought forward in Public Comment.

The Public Hearing shall consist of the following elements:

1. Opening of the Public Hearing
2. Presentation of the Project by District Staff
3. Opportunity for Public Comment
4. Closing of Public Hearing

Board action on ordering the Project will take place during board meeting agenda item 4.5. It is suggested that discussion beyond questions of staff or the District Engineer be held for the later agenda item.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<p><i>Upper Watershed Projects</i></p> <p>Buck Stream Stabilization, Spring West IESF, MB CD-13 IESF, Swamp IESF, Fish Lake Mgmt Plan, Sutton IESF, Swamp IESF, Buck Chemical Treatment, Potential Flood Storage Projects</p> <p><i>Project Lead: Emily and Danielle</i></p>	<p>Buck Stream Stabilization</p> <ul style="list-style-type: none"> Coordinated site visit on annual tour. Coordinated bridge replacement with landowner. <p>Spring Lake West IESF</p> <ul style="list-style-type: none"> Met with real estate advisor, legal counsel, City of Prior Lake, landowners to discuss options for next steps Worked with District Engineer to develop feasible location alternatives Prepared for closed meeting for negotiation approval <p>MB CD-13 IESF</p> <ul style="list-style-type: none"> On hold for appropriate staff responsiveness capacity. <p>Swamp IESF</p> <ul style="list-style-type: none"> EOR prepared 95% designs and bid documents for staff and legal review. Submitted ditch petition application to Ditch Authority. Met with Sand Creek Township for review and coordination. <p>Fish Lake Management Plan (FLMP)</p> <ul style="list-style-type: none"> 200 Street Pond design received for review by staff and landowners. Direct quote solicited for 200 St Pond. Met with Board and Spring Lake Township to receive guidance on options to proceed for the Lake Ridge Study <p>Potential Flood Storage Projects</p> <ul style="list-style-type: none"> No activity. 	<p>Buck Stream Stabilization</p> <ul style="list-style-type: none"> Obtain recorded consent and nondisturbance from final bank. Complete site maintenance in 2025/2026. <p>Spring Lake West IESF</p> <ul style="list-style-type: none"> Monitor two rain events when flow back up is addressed. Seek an agreement with landowner following Board approval. <p>MB CD-13 IESF</p> <ul style="list-style-type: none"> Staff visit to landowner to be scheduled. Understand landowner willingness to proceed in investigation. <p>Swamp IESF</p> <ul style="list-style-type: none"> Seek bids for construction. Pursue authorization to award bid at May Board meeting. Continue to progress ditch petition process with Scott County. <p>Fish Lake Management Plan</p> <ul style="list-style-type: none"> Receive additional quote(s) for 200 St Pond construction. Pursue authorization to contract for 200 St Pond at May Board meeting. Sign irrevocable term license with landowner for 200 St pond. Proceed with Lake Ridge Study in accordance with Spring Lake Township and District Board guidance <p>Potential Flood Storage Projects</p> <ul style="list-style-type: none"> EOR to analyze survey data on Project 10. Contact SWCD about potential project.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
Carp Management <i>Rough Fish Management (Class 611)</i> <i>Project Lead: Jeff</i>	<ul style="list-style-type: none"> Tracked carp from boat Removed drum barrier from desilt pond Observed deceased carp in daylight pond. Scanned fish for PIT tags Attended Statewide Carp Management Meeting at MCWD, provided input based on data provided last year. 	<ul style="list-style-type: none"> Continue tracking radio-tagged carp for removal opportunities Complete radio-tagging of 5 carp in Spring Lake Contract bluegill stocking efforts Install PIT stations Install panel trap in UPL Submit research Permit
Ferric Chloride System Operations <i>Project Lead: Jeff and Emily</i>	<ul style="list-style-type: none"> Continued work with OTT HydroMet to progress new HydroMet Cloud station that will allow offsite monitoring of FeCl flows, dosing, and tank levels. Processed change order for adjusted design in response to wall supports near garage door. Completed contracting with driveway contractor and held preconstruction meeting. Obtained permits for driveway work. Driveway tree clearing substantially completed. Submitted quarter 1 Discharge Monitoring Report. Worked with EOR to advance Desilt Pond Outlet & Bypass Feasibility Study. 	<ul style="list-style-type: none"> Begin planning Highway 13 wetland excavation project timeline. Continue working with Highway 13 wetland landowners on project timing, access, and other project details. Complete any follow-up NPDES permit renewal needs. Substantial completion on FeCl building. Present Task 1 of Desilt Pond Outlet & Bypass Feasibility Study to board of managers during next board meeting Coordinate driveway work with FeCl building construction.
Farmer-Led Council <i>Project Lead: Emily</i>	<ul style="list-style-type: none"> Continued coordination with Scott SWCD. Discussed SCENE article related to drain tile. 	<ul style="list-style-type: none"> Continue to support and review FLC projects. Hold August FLC meeting.
Cost Share Incentives <i>Project Lead: Emily</i>	<ul style="list-style-type: none"> Provided feedback on potential cost share projects. 	<ul style="list-style-type: none"> Review cost share applications with Scott SWCD as needed. Present non-traditional cost share project types for Board approval as applicable.
Sutton Lake Outlet and Lake Management Plan <i>Project Lead: Emily</i>	Lake Management Plan <ul style="list-style-type: none"> EOR completed drone analysis and staff reviewed memo. 	Lake Management Plan <ul style="list-style-type: none"> Present drone analysis memo and recommendations at May Board meeting.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
Website and Media <i>Project Lead: Danielle</i>	Social Media <ul style="list-style-type: none"> Ice-Out update and Level-logger status update Website <ul style="list-style-type: none"> Kept calendars and news up to date. Repaired issues as they came up. Articles <ul style="list-style-type: none"> Summer Events Ad for summer SCENE 	Social Media <ul style="list-style-type: none"> Continue updating Facebook and Instagram with relevant topics: monitoring season start, Pipe-Lining Notices, etc. Respond to comments and messages as needed Website <ul style="list-style-type: none"> Update website as needed
Citizen Advisory Committee <i>Project Lead: Danielle</i>	<ul style="list-style-type: none"> March 27 CAC meeting Prep for Board-CAC Joint Meeting Start planning Board-CAC Tour Met with AIS Subcommittee 	<ul style="list-style-type: none"> Prep and complete May 29 CAC meeting Board-CAC Joint Meeting Plan Board-CAC Tour Meet with Subcommittees as needed
Education Program <i>Project Lead: Danielle</i>	<ul style="list-style-type: none"> See Website and Media section. Began meeting with potential partners for summer outreach event. 	<ul style="list-style-type: none"> Meet with potential partners and set event dates. Present at Spring Lake Association Annual Meeting.
Monitoring Program <i>Project Lead: Jeff and Zach</i>	<ul style="list-style-type: none"> Completed data requests for partners and consultants. Stream monitoring will focus on event based monitoring in 2025 where samples are collected shortly after rain events. First sampling event completed. Completed 2025 CAMP program contracting and equipment stocking for volunteers. Continued coordinating Surface Water Assessment Grant for 2025 lakes monitoring. Contract completed. Set up lakes monitoring program including scheduling, lab coordination, monitoring procedures, and equipment for transition from TRPD to PLSLWD/SWAG. Installed new well point on Spring Lake. Awaiting DNR staff gauge survey to verify elevation before broadcasting level on website. Installed lake and stream level loggers. Furthering data automation in WISKI. Collected lake ice off observations. 	<ul style="list-style-type: none"> Continue QA/QC in WISKI. Continue data automation. Begin lake water quality monitoring on May 7.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<i>Aquatic Vegetation Management and Surveys</i> <i>Project Lead: Jeff</i>	<ul style="list-style-type: none"> Completed 2025 aquatic vegetation survey contracting. Contractor has begun early season CLP delineations. Reviewed projected CLP growth delineations. 	<ul style="list-style-type: none"> Finalize DNR AIS permits, review projected CLP growth delineations, coordinate with lake associations, plan for CLP treatments.
<i>AIS</i> <i>Project Lead: Jeff and Zach</i>	<ul style="list-style-type: none"> Coordinating boat inspection program. 	<ul style="list-style-type: none"> Continue coordinating with DNR on CD3 station installation agreement. Install CD3 station at Sand Point boat launch, once approved.
<i>Rules Revisions</i> <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> No activity. 	<ul style="list-style-type: none"> Check-in with MPCA on status of re-evaluation in later April. Review City of Savage draft ordinance update. Finalize City of Prior Lake equivalency MOA. Finalize City of Savage interim equivalency agreement. Finish review of Scott County rule updates to confirm equivalency. Continue working with Scott County to finalize equivalency MOA.
<i>BMPs & Easements</i> <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> Continue to work with landowner on easement amendment. Prepared development agreement and declaration of conservation easement for board approval for Aspen Ridge development. 	<ul style="list-style-type: none"> Address outstanding issues associated with: <ul style="list-style-type: none"> Development Agreement and Conservation Easement establishment process and document templates. Continue to resolve outstanding easement violations.
<i>Permitting</i> <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> Provided permit review comments to LGU partners on four projects. Preparing release of previous City of Prior Lake MPA for stormwater volume debit and preparing new City of Prior Lake MOA for stormwater volume credit. 	<ul style="list-style-type: none"> Bring forward City of Prior Lake MOA(s) for approval at May board meeting. Track final conditional approval items needed to issue Permit 24.02. Start up construction inspections in Spring. Continue to close out old permits. Scott SWCD to participate in LGU development review meetings. Continue to provide permit review comments to LGU partners.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<i>Planning Activities</i> <i>Project Lead: Joni and Emily</i>	<ul style="list-style-type: none"> Monitored consultant progress on the Fountain Hills Wetland Restoration Feasibility Study. Installed signs at District property boundaries. Noticed adjacent landowners. 	<ul style="list-style-type: none"> Continue to participate in Scott WMO plan update process. Continue bi-monthly coordination meetings with City of Prior Lake public works staff. Continue to research easements associated with DU cul-de-sac and stormwater BMPs. Continue to monitor development activity associated with planned Lydia industrial area. Continue compiling a master project spreadsheet to aid in TMDL, website, and future maintenance tracking needs.
Outlet Channel Projects and Administration <i>Project Lead: Emily/Jeff</i>	<ul style="list-style-type: none"> Completed channel inspections. Completed contracting for pipelining project. Conducted initial outreach to adjacent landowners. Coordinated on permits and construction schedule for pipelining project. Created communications plan for pipelining. Continued operations planning concerning lake levels and the pipe lining project. Reviewed segment 1 bank erosion needs and brought forward estimated costs and preliminary plans to the March 27 PLOC Cooperators meeting. Discussed with engineer options and costs for bank repairs in segment 1. Begun invasive herbaceous vegetation maintenance contracting. Worked with EOR to advance Prior Lake Outlet Structure standard operating procedures. 	<ul style="list-style-type: none"> Continue channel inspections and maintenance activities. Begin vegetation maintenance surveys and contracting. Stake construction boundaries near private properties along pipelining project. Continue to conduct public outreach on pipelining project. Obtain permits necessary for pipelining. Complete pipelining construction. Bring forward segment 1 bank repair scope of work to PLOC Cooperators meeting in May for consideration in the 2026 PLOC budget. Prepare draft 2026 PLOC budget for May PLOC Cooperator meeting.

APRIL 2025 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
General Administration <i>Project Lead: Joni/Emily</i>	<ul style="list-style-type: none">• Reviewed applications for Administrative Assistant position and performed interviews with potential candidates.• Soliciting and reviewing materials to inform CD 13 drainage authority takeover assessment.• Electronic file archiving.• Provide information for 2024 audit.• Working on insurance renewals for property/casualty and workers compensation.	<ul style="list-style-type: none">• Share initial assessment of CD 13 drainage authority takeover at May board meeting.• Make job offer to successful administrative assistant candidate.• Review draft 2024 audit for presentation at May board meeting.• Finish insurance renewals.• Continue to participate and learn more about potential Scott County coordinated benefits plan.• Continue to work on file archiving.



Subject | 2024 Annual Report Approval

Board Meeting Date | April 15, 2025

Item No: 4.2

Prepared By | Danielle Studer, Water Resources Specialist

Attachments | Prior Lake-Spring Lake Watershed District 2024 Annual Report

Proposed Action | Motion to approve the PLSLWD 2024 Annual Report and authorize its release to the Board of Water and Soil Resources and Department of Natural Resources.

Background

Minnesota Statutes Chapter 103D.351 states that managers must prepare a yearly report of the financial conditions of the watershed district, the status of all projects, the business transacted by the watershed district, other matters affecting the interests of the watershed district, and a discussion of the manager's plans for the succeeding year. The report must be submitted to the Board of Water and Soil Resources (BWSR) and the Department of Natural Resources (DNR).

Minnesota Rules Chapter 8410.0150 requires metro watershed districts to provide additional specified content in the annual report. The rules require organizations to submit the report for the previous calendar year within 120 days of the end of the calendar year. BWSR requires that the activities report must be submitted by April 30th of each year.

Discussion

Staff prepared the Prior Lake-Spring Lake Watershed District 2024 Annual Report with the intent of meeting the requirements of Minnesota Statutes Chapter 103D.351 and Minnesota Rules Chapter 8410.0150.

Recommended Action

Staff recommend the board approve the Prior Lake-Spring Lake Watershed District 2024 Annual Report and authorize its release to BWSR and the DNR.

Budget Impact

No budget impact.



PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

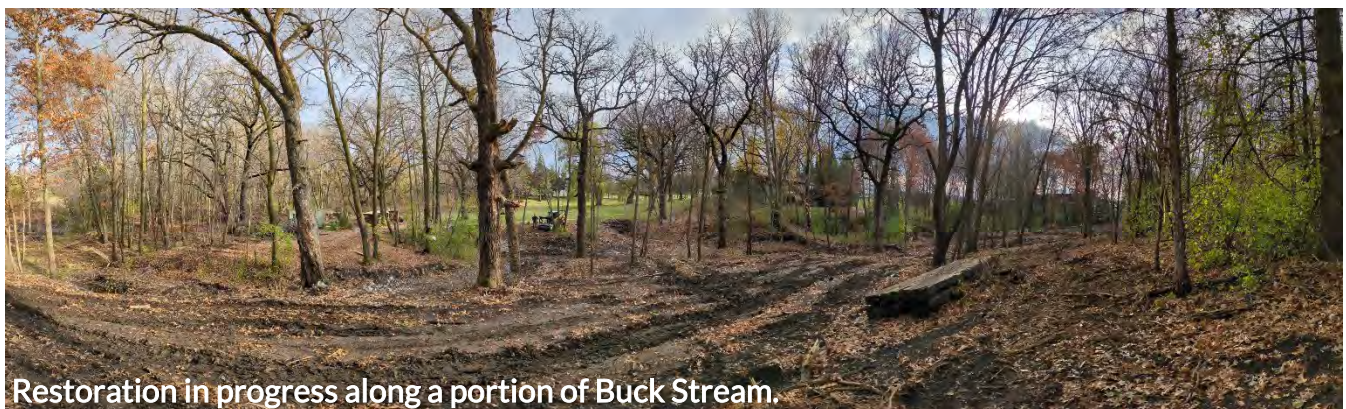
2024 Annual Report



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This report has been prepared by the Prior Lake-Spring Lake Watershed District (PLSLWD, or District) and details the activities of the District through the calendar year 2024. The report will focus on the District's program and project accomplishments relative to the approved Capital Improvement Plan established in the 2020 PLSLWD Water Resources Management Plan and annual work plan. Annual reporting requirements listed in Minnesota Rules Chapter 8410.0150, Subpart 3 will also be included in this report.

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Restoration in progress along a portion of Buck Stream.

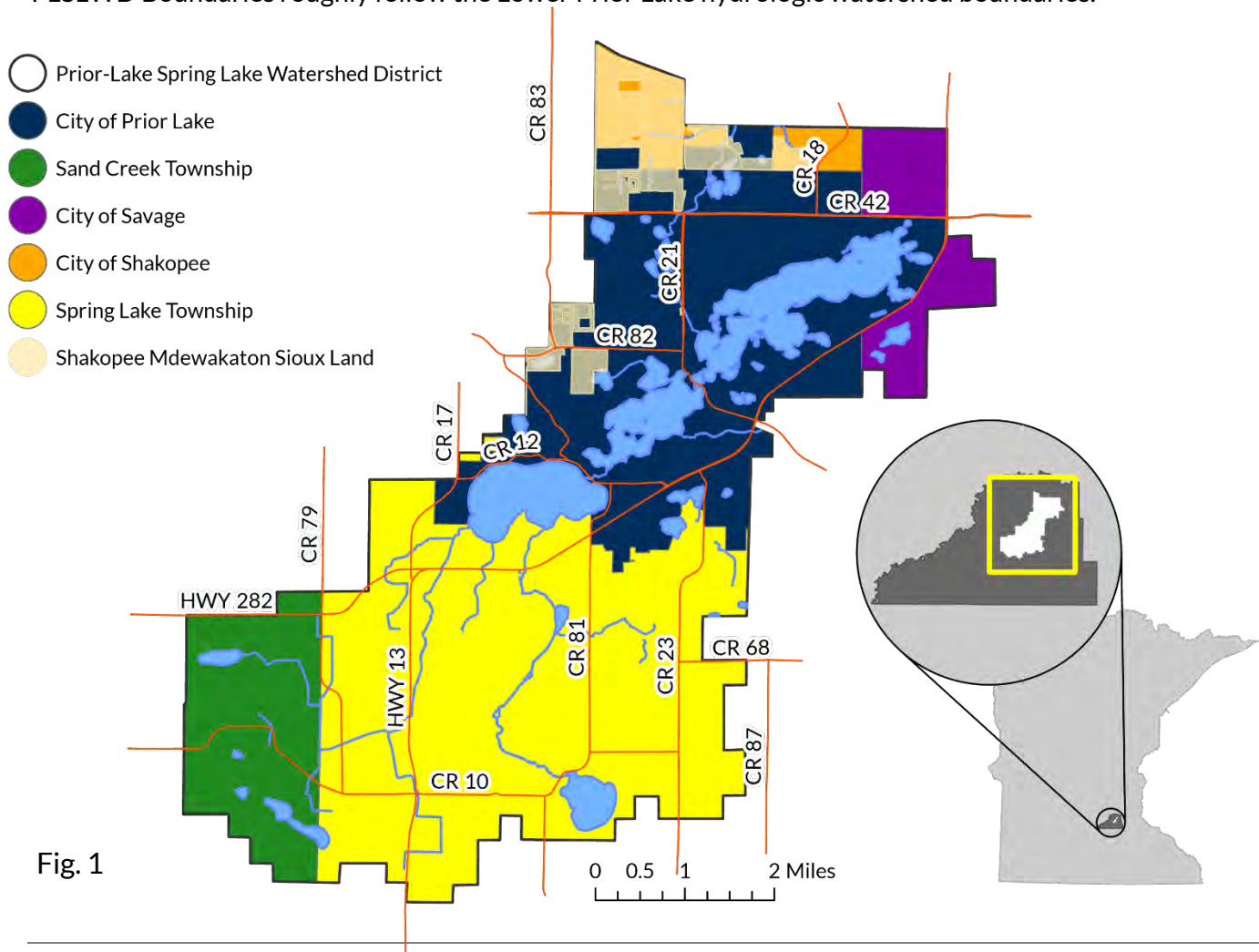
ABOUT PLSLWD

Our mission is to manage and preserve the water resources of the Prior Lake-Spring Lake Watershed District to the best of our ability using input from our communities, sound engineering practices, and our ability to efficiently fund beneficial projects which transcend political jurisdictions.

The Prior Lake-Spring Lake Watershed District was established on March 4, 1970, by order of the Minnesota Water Resources Board (MWRB) under the authority of the Minnesota Watershed Act (Minnesota Statutes, Chapter 112). The order was in response to a petition filed by resident landowners within the watershed on June 24, 1969. This citizen petition sought establishment of the District for the purposes of wisely managing and conserving the waters and natural resources of the watershed.

HYDROLOGIC BOUNDARY

The PLSLWD is approximately 42 square miles in size and located in north central Scott County, Minnesota, encompassing parts of the cities of Prior Lake, Shakopee, and Savage, parts of Sand Creek and Spring Lake Townships, and a portion of the Shakopee Mdewakanton Sioux Community (SMSC) tribal lands (Fig. 1). PLSLWD Boundaries roughly follow the Lower Prior Lake hydrologic watershed boundaries.



BOARD OF MANAGERS

PLSLWD is administered by a five-person Board of Managers (Board) appointed by the Scott County Commissioners. Current Board members, terms, and contact information is maintained on the District's website. The Board meets on the third Tuesday of each month at 6:00 PM at Prior Lake City Hall, located at 4646 Dakota St. SE, Prior Lake, MN 55372. Meeting notices, agendas and approved minutes are available on the District website.

Board members who served during the calendar year 2024 are listed below.

Manager	Position	Residence	Term Expiration
Bruce Loney	President	Prior Lake	03/02/2025
Frank Boyles	Vice President	Prior Lake	06/25/2026
Christian Morkeberg	Treasurer	Spring Lake Twp	03/02/2025
Ben Burnett	Secretary	Prior Lake	03/04/2027
Matt Tofanelli	--	Prior Lake	06/11/2025

CITIZEN ADVISORY COMMITTEE

The Prior Lake-Spring Lake Watershed District formalized its Citizen Advisory Committee (CAC) in 2011. The CAC consists of residents who provide input and recommendations to the Board on projects, reports, prioritization, and act as the primary interface for the Board to integrate the current issues of concern of the local citizens. The CAC meets on the last Thursday of odd months at 6:00 PM at the Prior Lake City Hall, located at 4646 Dakota St. SE, Prior Lake, MN 55372.

CAC members that served during the calendar year 2024 are listed below.

Member	Position	Residence	Term Expiration
Loren Hanson	Chair	Spring Lake Twp	04/15/2027
Maureen Reeder	Vice Chair	Spring Lake Twp	03/31/2024
Curtis Witt	Vice Chair	Prior Lake	03/31/2025
Ron Hoffmeyer	Secretary	Prior Lake	03/31/2025
Anna Alswager	--	Prior Lake	11/13/2026
Amy Butani	--	Spring Lake Twp	01/15/2027
Richard Schirber	--	Prior Lake	01/15/2027
Ryan Murr	--	Prior Lake	03/18/2027
Aaron Pietsch	--	Savage	11/18/2027

STAFF

Day-to-day operations of the Prior Lake-Spring Lake Watershed District are managed by a District Administrator and staff. All staff can be contacted through the main District phone number, 952-447-4166, or at the District Office, 4646 Dakota Street SE, Prior Lake, MN 55372.

Staff	Title	Contact
Joni Giese	District Administrator	jgiese@plslwd.org
Jeff Anderson	Water Resources Coordinator	janderson@plslwd.org
Emily Dick	Water Resources Project Manager	edick@plslwd.org
Patty Dronen	Administrative Assistant	pdronen@plslwd.org
Zach Nagel	Water Resources Technician	znagel@plslwd.org
Danielle Studer	Water Resources Specialist	dstuder@plslwd.org

CONTACT PERSON



Joni Giese
 (952) 440-0067
 jgiese@plslwd.org
 4646 Dakota Street SE, Prior Lake, MN, 55372 (952) 440-0067

CONSULTING SERVICES

In accordance with MN Statutes 103B.227, the District solicits proposals for legal, professional, or technical consultant services at least every two years. The following are the consulting firms selected in 2023 for 2024/25 consulting services:

Role	Consultant	Contact Person	Phone	Website
Audit	Abdo	Andrew Berg	952-835-9090	www.abdosolutions.com
Legal Services	Smith Partners, PLLP	Charles Holtman	612-344-1400	www.smithpartners.com
District Engineer	Emmons and Olivier Resources, Inc.	Carl Almer	651-770-8448	www.eorinc.com
Accountant	CliftonLarsonAllen LLP (CLA)	Christopher Knopik	612-376-4500	www.claconnect.com

WATER MANAGEMENT PLANS

LOCAL WATER PLAN ADOPTION AND IMPLEMENTATION

Minnesota Rules Chapter 8410 required that local units of government adopt their local water plans not more than two years before their local comprehensive plan is due. The District has previously reviewed and/or approved: the Scott WMO's Comprehensive Water Resources Management Plan; Lower MN River Watershed District's Watershed Management Plan; the City of Savage's Local Water Plan; the City of Shakopee's Surface Water Management Plan and Prior Lake's Local Surface Water Management Plan. PLSLWD participated in an advisory committee for the Lower Minnesota River East Comprehensive Watershed Plan. PLSLWD did not adopt the plan and will continue to use the District's Water Resources Management Plan to direct the District's programs and projects. PLSLWD is currently serving on the Technical Advisory Committee for the Scott WMO's Comprehensive Water Resources Management Plan update.

PLSLWD WATER RESOURCES MANAGEMENT PLAN

The Minnesota Board of Water and Soil Resources (BWSR) approved the District's fourth generation 2020 to 2030 Water Resources Management Plan (WRMP) on June 24, 2020, and the District Board adopted the plan at its July 14, 2020, meeting. It was amended on May 21, 2024. A digital copy of the WRMP is available on the District website or by request, and hard copies are available at the District office.

The WRMP is centered on the three priority concerns listed below:

- **Water Quality:** Maintaining or improving the water quality in PLSLWD's resources with most emphasis on lakes that have public access and are most widely used.
- **Aquatic Invasive Species (AIS):** Continued monitoring and management of existing AIS (curly-leaf pondweed, Eurasian water milfoil, zebra mussels and common carp), as well as prevention of new AIS.
- **Flood Reduction:** Making strides toward flood reduction goals on Prior Lake (e.g. upstream storage) and reducing the impacts of flooding in other areas in the District.

ASSESSMENT OF THE 2024 WORK PLAN

The assessment of the 2024 work plan is organized by the implementation action categories listed in the WRMP. Each section will start with a table showing the actions listed in the 2024 Work Plan from the 2023 Annual Report, followed by a narrative report. The status of tasks will be denoted with the symbols below:



Completed, no additional details.



Completed, additional details below.



Not completed, no additional details below.



Not completed, additional details below.

CAPITAL PROJECTS

In 2024, the District made significant progress in securing landowner support for several potential capital projects in 2024.

Secure landowner support for several capital projects.	!
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SWAMP LAKE IRON-ENHANCED SAND FILTER

The Swamp Lake Phosphorus and Peak Flow Reduction feasibility study was completed in 2023 and provided a concept design of a preferred alternative. The proposed alternative is predicted to achieve an 89.1 lb. reduction of total phosphorus, which would aid in meeting nutrient targets in the Spring Lake TMDL. Staff worked with the landowner in early 2024 to procure a permanent easement for the access and project footprint. Staff retained Emmons and Olivier Resources, Inc. for engineering consulting services to advance the project to final design, bidding, and construction in late 2024, with construction proposed for 2025/2026.

BUCK STREAM STABILIZATION

The District partnered with Scott SWCD and two landowners to restore 1,300 feet of Buck Stream, a tributary to the east of Buck Lake, in 2024. The project area focused around a highly erosive segment of the stream that was estimated to contribute 56 tons of sediment and 56 pounds of phosphorus per year downstream and into Buck Lake. This section of Buck Stream had become disconnected from its natural

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

2024 ANNUAL REPORT

floodplain and continued to erode further into the soil as bank stability decreased. The problem was exacerbated by an aggressive presence of invasive species, particularly common buckthorn, in the riparian zone. These invasives outcompete native plants and prevent good root growth to stabilize banks.

Construction was completed in the late fall of 2024 and included removing invasive plants and using natural materials like rock, logs, and root wads to reestablish bank stability and structure. The stream stabilization also includes features designed to slow down the water in stepped banks, riffles and pools. It is expected that the project will establish a long-term erosion-resilient stream. The District will continue invasive plant management in 2025 and 2026 to assist with native plant establishment, after which the landowners will be responsible for maintenance. The District holds a temporary conservation easement for a period of 10 years on the properties to protect the intent of the project.



200 STREET POND IMPROVEMENT

The 2023 Fish Lake Management Plan identified the 200 Street Pond Improvement project as a proposed project to address watershed nutrient loading to Fish Lake. In 2024, District Staff worked with Scott SWCD and landowners to progress design concepts of the pond improvements. The project is expected to reduce phosphorus loading to Fish Lake by 4 pounds per year. Construction is expected in Winter 2025/2026.

FERRIC CHLORIDE SYSTEM IMPROVEMENTS

The District completed an assessment of Ferric Chloride system components in 2023. The Board authorized initiating the recommended improvements in 2024, and EOR was contracted for final design, quote solicitation, and construction observation. On the District's behalf, EOR administered two Request for Quotes (RFQ) cycles in 2024. The first RFQ encompassed all the improvements in one scope of work. The second RFQ cycle separated driveway improvements and building improvements into two different solicitations. Two contractors were selected for contracting in December 2024, with construction expected in Spring 2025.

OPERATIONS AND MAINTENANCE

The carp will be tracked using PIT tags, radio tags, and visual observations.	!
The District plans to stock bluegills in the FeCl desilt pond where carp continue to be observed	!
The District will continue removal efforts of carp from Spring Lake and shift efforts to conducting a mark and recapture study on Upper Prior Lake.	!
Aquatic point intercept vegetation surveys will be performed on three District lakes and ponds in 2024.	!
Aquatic vegetation treatment may occur in Fish, Prior, and Spring Lakes, depending upon the survey reports.	!
The District will continue to perform AIS inspections at boat launches on Spring, Upper Prior, Lower Prior and Fish Lakes.	!
Continue Operation and Maintenance of FeCl Facility.	!
Complete the Ferric Chloride System Assessment to evaluate the lifespan of the existing ferric chloride system elements and make recommendations.	!
Complete some near-term FeCl Facility system updates, and/or designs to support larger updates in further years.	!
Vegetation maintenance will continue at the District's Spring Lake parcel restoration site.	☑
Continue Cost Share Program.	!
Continue Farmer-Led Council.	!

CARP MANAGEMENT

The Carp Management Program seeks to enhance the water quality of the District's lakes by reducing total phosphorus levels through the Integrated Pest Management (IPM) Plan. The program consists of various elements, such as monitoring carp populations and their movement, methods to reduce these populations, and involving the local community.

In 2024, the District continued to track the movement of 17 radio-tagged carp in Spring Lake and Upper Prior Lake using a Yagi antenna and receiver to create spatio-temporal maps. The District also tracks carp

through Passive Integrated Transponder (PIT) tags, which function like a pet microchip. Five PIT stations were installed throughout the watershed to record carp movement.

Approximately 700 of the 1200 active PIT tags were implanted for a mark-and-recapture population study for Upper Prior Lake in 2024. This study estimated the population has dropped to 48.5 +/- 6 kg/ha in Upper Prior Lake, which surpasses the District's biomass goal of 100 kg/ha.

For several years, common carp were observed inhabiting and spawning in the ferric chloride system desilt pond. A total of 1,850 bluegills, which are prolific eaters and will prey on carp eggs, were stocked in the desilt pond to act as biocontrol. Bluegill stocking is a management strategy used to reduce recruitment and overall population numbers.



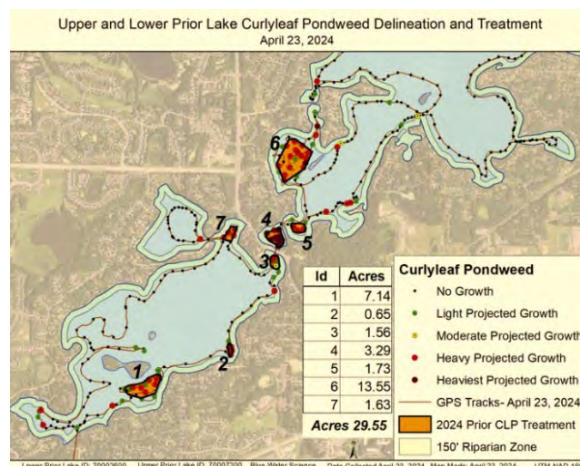
District staff also maintained six carp barriers to prevent access to spawning areas. In 2024, these were located at: 12/17 Wetland, Tadpole Pond, Desilt Pond, FeCl Weir, Arctic Lake Outlet, and Northwoods Pond. Carp migration spawning activity will be monitored to see if any additional barriers are needed moving forward.

The District's goal in 2025 is to focus efforts on carp removals from Spring Lake and shift to maintenance activities as outlined in the IPM plan for Upper Prior Lake.

AQUATIC VEGETATION MANAGEMENT

Aquatic vegetation management for curly-leaf pondweed (CLP) was conducted on Spring, Upper Prior, and Lower Prior Lakes in 2024. PLM Lake and Land Management Corporation treated 19.34, 10.95, and 18.56 acres respectively, using the herbicide Diquat. Curly-leaf pondweed treatment was funded primarily by Scott County's AIS Prevention funds from the Minnesota Legislature with a small portion by District levy.

The image on the right shows the delineation and treatment map for Upper and Lower Prior Lakes. Locations identified as 1 through 7 were treated where Blue Water Science delineated projected heavy growth of CLP. In addition to CLP treatments, the District supported Spring Lake Association actions to manage Eurasian Watermilfoil (EWM) found in Spring Lake through aquatic plant delineations.



FERRIC CHLORIDE TREATMENT FACILITY

In 1998, the PLSLWD constructed the ferric chloride (FeCl_3) treatment system to remove phosphorus from County Ditch 13, the main inflow to Spring Lake. Updates were made to the system in 2013 at the injection point and in 2020 at the weir in response to MPCA permit requirements and to improve maintenance and carp management. In 2023, the District began a system assessment to review equipment wear, dosing, and operations, and to recommend improvements for performance and optimization. The system assessment took shape in 2024 with the replacement of the system electronics including the sensors that monitor surface water flow and tank level, as well as the data logger that controls the automated dosing. Other structural updates, including reinforced driveway, pump skid, piping, garage door, and tank, are anticipated to be completed in 2025 through the capital project “Ferric Chloride Site Improvements.” The system assessment also evaluated potential efficiency gains from altered dosing, chemicals, mixing, and desiltation pond alterations. The assessment recommended an altered seasonal dosing rate to improve phosphorus removal in seasonal flows, and to further assess desiltation pond alterations.

In 2024, water entering the desiltation pond was treated with a total of 5,620 gallons of ferric chloride from April 1 to November 26. Dosing was intermittent during late summer when lower flows occurred. Due to the planned replacement of the ferric chloride tank in the winter of 2024/2025, dosing continued until the tank was run dry. Over the year, the system achieved higher than average nutrient reductions, with the total phosphorus (TP) within water flowing through the system decreasing by 30% and ortho-phosphorus (OP) by 63%, coinciding with calculated removal rates of 972.94 lbs of TP and 851.75 lbs of OP being removed.

COST SHARE

The District has a cost share incentive program for residents and agricultural producers coordinated with the Scott Soil and Water Conservation District (Scott SWCD). Scott SWCD received requests for assistance and provided follow-up to 56 landowners, of which 55 were new requests for conservation assistance. There were 27 projects approved, and 26 cost share projects completed. Cost share projects completed in 2024 include 3.8 acres of prescribed burn, 2 rain gardens, and several projects amounting to 45,230 square feet of natural landscaping (native prairie, pollinator, natural shoreline), and 1,313 feet of streambank restoration. The cost share program in 2024 amounted to 223.9 lbs of phosphorus reduction and 192.1 tons of sediment reduction.



FARMER-LED COUNCIL

The Farmer-Led Council (FLC), created in 2013, helps the District reduce nutrient loading to Spring Lake. Because agricultural lands make up a large portion of Spring Lake's watershed, active input and participation from farmers is critical to achieving water quality goals.

The FLC, represented by local farm leaders, guides strategy development and implementation to achieve agriculture's share of the nutrient reduction goal. Specifically, the FLC aims to:









- Inform decision makers and the general public about practical issues and opportunities related to soil and water conservation on agricultural lands.
- Identify sustainable agriculture practices for both standard and site-specific applications.
- Define the approach for engaging with and assisting farmers to implement practices.
- Establish a schedule with reasonable milestones and timelines for progress.
- Identify potential barriers to implementation, along with tools and resources that are needed to overcome them.

The District held two FLC meetings in 2024 where a variety of agricultural topics related to water quality were discussed. One of the meetings also served as an awards luncheon for the 2024 Lake Friendly Farm awardees. The Lake-Friendly Farm (LFF) program was developed in 2017 to recognize and incentivize targeted phosphorus reduction in the upper watershed. In 2024, two new farms were certified. In total, 959 acres have been certified through the Lake Friendly Farm program. Approximately 16.7% of cropland in the District has been certified as "Lake-Friendly." The estimated phosphorus reduction benefit from the LFF program so far is 360 pounds of phosphorus and 272 tons of sediment a year.

The cover crop program is a top priority because cover crops provide significant and quantifiable water quality benefits while being compatible with production agriculture. Cover crops on 558 acres in 2024 resulted in a reduction of over 600 pounds of phosphorus. Since 2018, a total of 3,761 acres of cover crops have been planted resulting in estimated total phosphorus reductions of 2,474.4 pounds, or an average of 412.4 pounds per year.

Additionally, the FLC has promoted soil health practices that reduce erosion by leaving the previous year's crop on the ground and reducing tillage. These practices are collectively referred to as "high residue management" and provide quantifiable water quality benefits. In 2024, the FLC supported 449 acres of high residue management practices. These acres yielded an estimated phosphorus reduction of over 200 pounds per year.

EDUCATION AND OUTREACH

Meet the requirements of our MS4 permit.	
Improve understanding of local water resources and practices among all stakeholders in the District	
Continue working with the Scott County Clean Water Education Program	
Update the website and write articles for submittal to local newspapers	
Complete the goals listed in the 2024 Education and Outreach Plan	
Support, organize, and facilitate the Citizen Advisory Committee and its projects.	

CITIZEN ADVISORY COMMITTEE

The Citizen Advisory Committee (CAC) serves to advise the District Board and staff on issues related to lakes and other water resources within the District and acts as voice of the community, helping the District to better understand its residents' concerns and priorities. The CAC met seven times in 2024, generally on a bimonthly schedule beginning in January. In June, the CAC met with the Board of Managers to discuss priorities for the 2025 budget and to tour projects completed through the District's cost share incentive program. Members also attended many outreach events and volunteered at Starry Trek and Fall Community Fest.

In previous years, many CAC members expressed concern about the impact of wake boats on lake health. In May 2024, the CAC voted to recommend that the Board of Managers provide funds to local lake associations to support the production of educational materials on the use of wake boats and other topics relevant to the District's goals. This recommendation was approved by the Board of Managers and Education and Outreach funds were used to support the production of Prior Lake and Spring Lake maps with educational messaging.

The CAC experienced significant membership growth in 2024. Despite one member not renewing membership, the CAC grew from five members at the end of 2023 to eight members at the end of 2024. Its membership now includes representation of a wider range of age, gender, and location throughout the District.

In 2025, members plan to work within subcommittees to identify opportunities to improve the District's work.

COMMUNITY INVOLVEMENT

The District worked with many partners in 2024 to create meaningful events and improve understanding of local water resources and projects across the community. A highlight of the outreach program in 2024 was an event series titled Watershed Week, which featured three events across a week in July and partnerships with other LGUs, local businesses, and social clubs. The series helped to make new connections with residents and attracted over 80 attendees across the week.



In the spring, the District worked with two local high school students to paint stormwater inlets with “Drains to Lake” messaging. The District also held a volunteer buckthorn removal event and subsequent buckthorn wreath-making event in the fall.



The District is also a partner of the Scott Clean Water Education Program (SCWEP), a partnership of local government organizations in Scott County that strives to educate and inform residents about ways to improve the quality of our lakes and rivers. In 2024, SCWEP hosted five workshops, including a “Stabilize your Shoreline” workshop within the District. SCWEP also provides tabling assistance, news releases, including topics related to District activities, and youth education, including hosting the 38th annual Outdoor Education Days. A full list of outreach activities completed through SCWEP can be found in the [2024 SWCEP Annual Report](#).

A full report of the Education and Outreach completed in 2024 can be found on the District website detailed in the [2025 Education and Outreach plan](#).

PRESS AND SOCIAL MEDIA

In 2024, the District did a website overhaul to present a clean and modern look and provide up-to-date information to its residents. Residents can now navigate to lake level information from the website’s

The District published 10 articles in 2024, which were featured in the Prior Lake Association’s newsletter, Spring Lake Association’s newsletter, the Scott County SCENE, and on the District’s website. These covered topics ranging from project updates, general watershed science topics, and outreach event descriptions. The District also maintained a social media presence on Facebook and Instagram with over 14,000 views of our content.

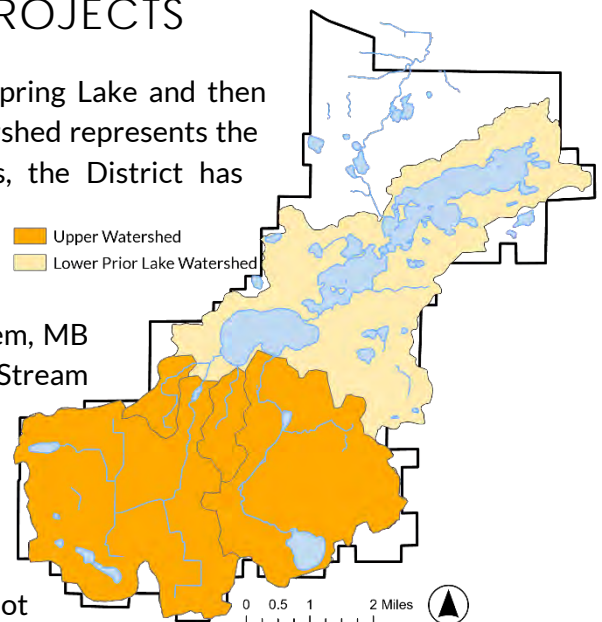
PLANNING

Design, permitting, and construction for Swamp IESF	!
Actions identified in the Fish Lake Management Plan will be prioritized and acted upon as landowners are willing and funding allows.	!
The District will participate in a convening process to establish projects to be funded by the 2024/2025 WBIF grant.	✓
Design, permitting, and construction for Buck Stream Stabilization	!
Feasibility study for Buck Ferric Chloride System, as needed.	!
Feasibility study for MB CD-13 IESF, as needed.	!
Feasibility studies for two flood storage projects.	!
Design, permitting, and construction for Spring Lake West IESF	!

UPPER WATERSHED WATER QUALITY PROJECTS

The Upper Watershed is a 12,760-acre area that flows into Spring Lake and then downstream to Upper and Lower Prior Lakes. The Upper Watershed represents the primary contributor of drainage to the chain of lakes. Thus, the District has undertaken multiple efforts to identify and prioritize water quality projects in the Upper Watershed. These efforts have resulted in a targeted strategy to prioritize the implementation of the following projects: Buck Ferric Chloride Treatment System, MB CD-13 Iron Enhanced Sand Filter (IESF), Swamp Lake IESF, Buck Stream Stabilization, and Spring Lake West IESF. These projects all require partnership with private landowners. The status of these projects as of the close of 2024 are as follows:

- The Buck Ferric Chloride Treatment System, and MB CD-13 Iron Enhanced Sand Filter (IESF) projects were not advanced in 2024 due to limited engagement from landowners.
- Swamp Lake IESF and Buck Stream Stabilization projects were progressed in design and implementation and are reported in the Capital Projects section of this report.



- The Spring Lake West IESF project was progressed in alternate design concepts through conversations with landowners in 2024.

UPPER WATERSHED FLOOD STORAGE PROJECTS

Another key goal for the District is to reduce flooding. Flood reduction can be provided through the creation of water storage in the Upper Watershed. The District has undertaken multiple efforts to identify and prioritize flood reduction projects in the Upper Watershed. These efforts have resulted in a targeted strategy to prioritize the implementation of the following projects: Flood Storage Project 10 (Buck Lake) and Flood Storage Project 13 (Vergus Wetland).

Both projects require partnership with permitting agencies and private landowners. Flood Storage Project 10 (Buck Lake) was progressed through a survey and study by Scott SWCD of the historic and current outlet of the lake in 2024. The data will inform future feasibility in 2025. Flood Storage Project 13 (Vergus Wetland) was not progressed in 2024.

FISH LAKE MANAGEMENT PLAN ACTIONS

An update to the Fish Lake Management Plan was completed after in-depth study and stakeholder coordination throughout 2023. The Fish Lake Management Plan identifies a holistic approach to address both internal and external phosphorus loads: 659 and 103 lbs./yr. respectively. The District focused on implementation of projects to address external phosphorus loads in 2024. The target projects were Fish Lake West Field Nutrient Reduction, 200 St Pond Improvements, Shoreline Restoration, and the Lake Ridge Stormwater Retrofit Feasibility Study.

The District completed grid sampling in fall 2024 related to the Fish Lake West Field Nutrient Reduction and plans to continue to work with the farmer to track nutrient reduction on the field. District staff partnered with Scott SWCD and landowners to progress the 200 St Pond Improvements project, which is reported in the Capital Projects section of this report. Staff completed a Fish Lake campaign for shoreline restoration projects in 2024. The campaign included outreach advertising additional incentives for shoreline restoration and a free workshop at a local venue. Three landowners reported an interest in pursuing shoreline restoration. Future implementation will be reported through the cost share program. Lastly, the District contracted Stantec to complete the Lake Ridge Stormwater Retrofit Feasibility Study in 2024, with work to be completed in 2025.

MONITORING AND RESEARCH

Continue stream chemistry monitoring.	!
Continue flow monitoring.	!
Continue lake water quality monitoring.	!
Continue monitoring lake levels.	!
Complete plant surveys.	!
Continue plant density monitoring.	☑
Completed the migration of water quality data to the new WISKI database.	!
Monitor precipitation.	☑
Complete boat Inspections.	!

Monitoring was conducted in accordance with the Prior Lake-Spring Lake Watershed District Long Term Monitoring Plan and included a mix of staff, volunteer, and contract work, which incorporated in-lake monitoring, stream water quality & flow measurements, precipitation, and aquatic vegetation monitoring. Partners included Metropolitan Council Environmental Services, Minnesota Department of Natural Resources (DNR), Three Rivers Park District, Shakopee Mdewakanton Sioux Community (SMSC), Scott Soil and Water Conservation District (SWCD), Blue Water Science, Scott Watershed Management Organization (WMO), Waterfront Restorations, and Emmons and Oliver Resources (EOR).

WISKI DATABASE

In 2024, the District finished transitioning past data to the new WISKI database – a product by Kisters North America. This database has many analysis tools and provides a central location for our data needs, which greatly improves staff efficiency and enhances data quality and analysis.

STREAM MONITORING DATA

STREAM CHEMISTRY SAMPLING

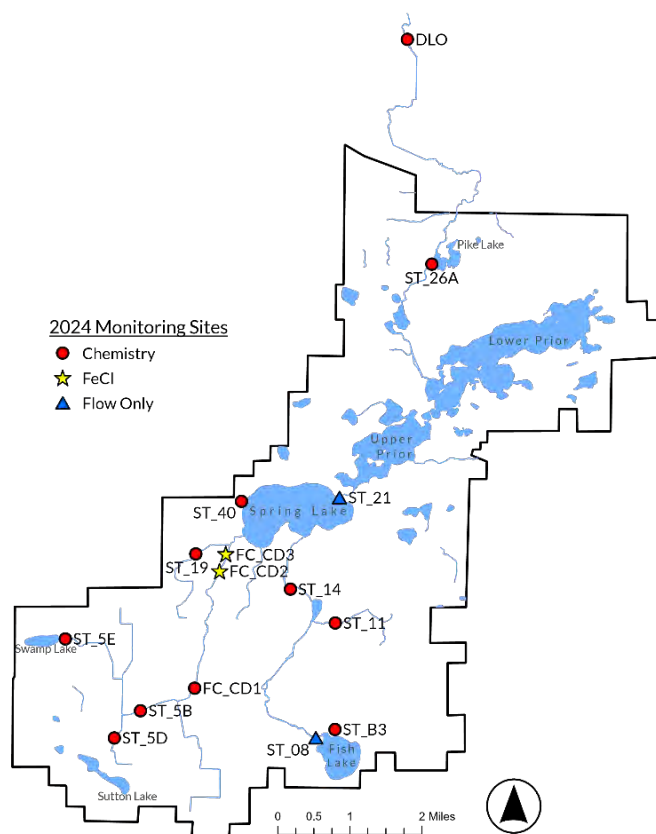
Stream chemistry samples were collected at 13 locations around the watershed by PLSLWD staff. Samples were analyzed for several parameters, such as phosphorus, nitrogen, and suspended sediment.

- Two sites were sampled weekly to fulfill the MPCA permit requirements for the Ferric Chloride site (FC_CD2, FC_CD3).
- The District Monitoring Program included eleven sites (DLO, FC_CD1, ST_B3, ST_5B, ST_5D, ST_5E, ST_11, ST_14, ST_19, ST_26A, and ST_40). These sites were monitored biweekly, provided there was sufficient flow.

STAGE AND FLOW MONITORING

All chemistry sites were monitored for stage and flow using radar, pressure, or area-velocity sensors. We also worked with Scott SWCD to assist in collecting flow measurements. There were two additional sites, ST_08 and ST_21, that were monitored for stage and flow that did not have chemistry samples taken.

Integrating stream flow and chemistry data enables the calculation of pollutant loading and offers valuable insights for identifying the most cost-effective projects to reduce nutrient loading.



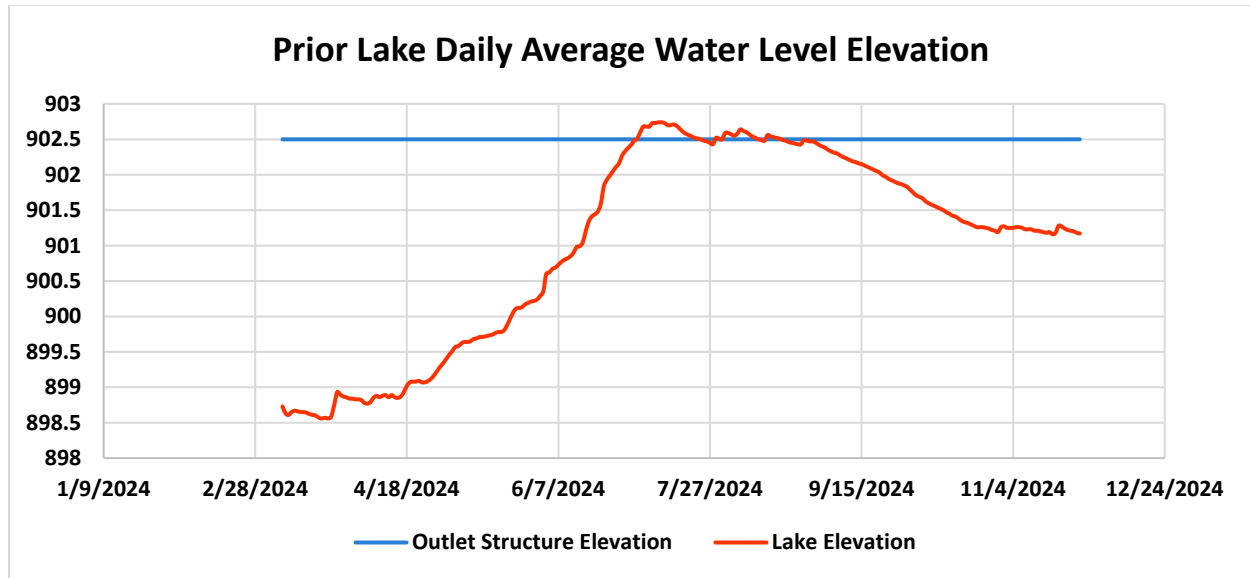
LAKE MONITORING DATA

LEVEL LOGGERS

Four telemetry level loggers were installed to monitor the lake levels on Fish, Pike, Prior, and Spring Lakes. The loggers are programmed to record the lake level every 15 minutes and then transmit the data to the PLSLWD website at least once a day, which is accessible to the public. Additionally, two non-telemetry loggers are used in Sutton and Buck Lakes. These require manual data download like the loggers used for all stream sites.

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

2024 ANNUAL REPORT



DNR STAFF GAUGES

Five staff gauges were monitored on Buck, Fish, Pike, Spring and Lower Prior Lakes. Staff gauges are surveyed every year by the DNR to tie the results to Mean Sea Elevation. The district shares lake elevation data with DNR at the end of the year.

THREE RIVERS PARK DISTRICT

Three Rivers Park District monitored five lakes in 2024: Fish, Pike, Upper Prior, Lower Prior and Spring Lakes. These lakes are monitored 13 times per year, and profile samples are collected when possible.

CAMP VOLUNTEER LAKE MONITORING

The Citizen Assisted Monitoring Program (CAMP) program was coordinated by the Metropolitan Council and locally coordinated by PLSLWD. Volunteers collected samples on five lakes through the CAMP program in 2024.

Lake	Volunteer
Haas	Tom Chaklos
Buck Lake	Steve Beckey
Cates	Paula Thomsen
Swamp Lake	PLSLWD staff
Crystal	Scott Thulien

Samples are typically collected every other week during ice-free conditions. Sampling includes parameters such as Secchi depth, phosphorus, and chlorophyll-a.

AQUATIC VEGETATION SURVEYS

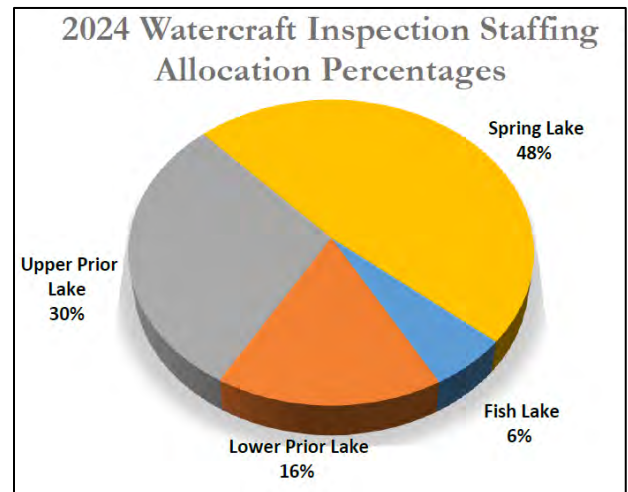
Using a point-intercept survey, Blue Water Science conducted summer aquatic vegetation surveys on three lakes: [Crystal Lake](#), [Jeffers Ponds](#), [Lower Prior Lake](#), [Pike Lake](#), and [Swamp Lake](#). These surveys include the type and abundance of vegetation at predetermined sampling locations throughout the lakes during summer, which is the time most native vegetation is present.

Curly-leaf pondweed (CLP) surveys were completed in the spring on [Fish Lake](#), [Upper Prior Lake](#), [Lower Prior Lake](#), and [Spring Lake](#) to determine if treatment was needed. Aquatic vegetation management for curly-leaf pondweed occurred on Spring Lake, Upper Prior Lake, and Lower Prior Lake in 2024.

BOAT INSPECTIONS (AIS)

In-person boat inspections were conducted within the District by Waterfront Restoration at the launches of Upper Prior, Lower Prior, Spring, and Fish Lakes. Totalling 935 hours, inspectors completed 3,300 inspections between the four lakes from May 10 through October 12, 2024.

A total of 56 entering violations were identified with majority from plant fragments followed by drain plugs left in. There were findings of significance on 270 exiting watercrafts, but because they were found and resolved before exiting the launch, they were not classified as violations.



REGULATION

Conservation easement inspections will be performed.	!
New conservation easements will be established through permitting activity.	!
Track and compile MS4 data to include in the next scheduled MPCA Annual Report.	☑
Construction inspections for existing and new permits will continue to occur.	!
The District will continue its work towards the establishment of rules equivalency MOAs with partnering LGUs to reduce permitting burden on the District and permittees.	☑

EASEMENT INSPECTIONS

The District holds many conservation easements and development agreements over wetland and watercourse buffer strips that were acquired through permit activity or capital project construction. These buffer strips and associated easement and agreement restrictions provide water quality benefits by protecting District water resources. The District's conservation easement program contains three components to ensure protection of its investments: inspections, effective communication with landowners, and an enforcement policy.

For 2024, PLSLWD retained the services of Scott Soil and Water Conservation District (Scott SWCD) to perform easement inspections and to assist with permit and conservation easement origination, inspection, and compliance activities. In 2024, one new conservation easement was accepted and recorded with Scott County. Conservation easement inspections were revised such that inspections are now conducted at least once every three years for parcels that have no ongoing compliance issues. Parcels with an identified violation are inspected annually until the violation is resolved. In 2024, inspections were performed on 113 parcels, with 52 parcels in full compliance. A current summary of violations that Scott SWCD are working to resolve include:

Violation Status

Priority	Description	ID'd in 2024	ID'd To Date	Resolved	Open
High	Fixed structures (e.g. homes, decks, privacy fences) and hard landscaping (e.g. paved trails, rock/brick retaining walls)	9	16	1*	15
Medium	Non-fixed structures (e.g. sheds, playsets, fencing) and altered vegetation (significant mowing, non-native landscaping, etc.)	19	36	3	33
Minor	Missing signs, feeders, lawn decorations, brush piles, etc.	35	107	60	47

*Resolved via encroachment agreement

Letters were sent thanking landowners who were found to be in compliance with easement requirements. Letters were also sent notifying property owners of violations. Scott SWCD is focusing on resolving high priority violations. Resolutions typically take the form of bringing the property owners back into voluntary compliance, easement amendments, encroachment agreements, or implementation of BMP mitigation strategies.

PERMIT ACTIVITY

The District inspected active permits to ensure that the conditions of the permit were being met. The District issued two new permits in 2024 (24.02 Fish Point Phase 3 and 24.01 City of Prior Lake Water Quality Retrofit) and conditionally approved a permit (24.02 City of Prior Lake TH 13 Trail).

No variances to District rules were applied for in 2024. One violation of the District's Floodplain Alteration Rule was identified in 2024 that was subsequently resolved via Scott County working with the property owner.

Forty inspections were performed on active construction projects for District open permits. The District continued to close out permits (18.02, 18.05, 18.06, 21.01, 22.01) as the projects met requirements.

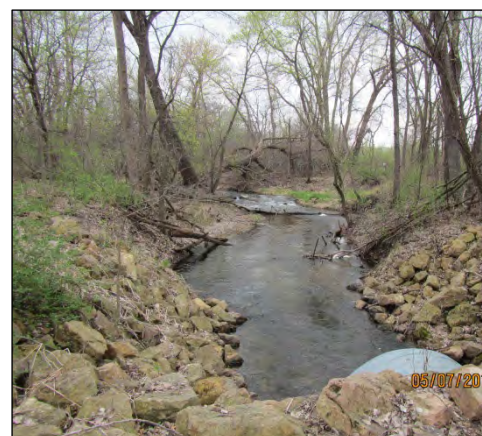
The District continued to work with LGU partners to establish rules equivalency MOAs with partnering LGUs to reduce permitting burden on the District and permittees. The District provided application review comments to the District's LGU partners on 23 permit applications.

PRIOR LAKE OUTLET CHANNEL

Recurring annual operations such as inspections and vegetation management will continue in 2024.	<input checked="" type="checkbox"/>
District will proceed with soliciting bids for pipelining construction.	<input checked="" type="checkbox"/>

PRIOR LAKE OUTLET CHANNEL OPERATIONS

The Prior Lake Outlet Channel (PLOC) was originally constructed in 1982 and has been operating, with modifications, since 1983. The PLOC is utilized by the District and other partners in managing lake levels on Prior Lake as well as providing a 7-mile stormwater conveyance system for the surrounding communities. There is a Memorandum of Agreement between the Cities of Prior Lake, Shakopee, the Shakopee Mdewakanton Sioux Community, and the District that specifies operation and maintenance as well as cost-sharing. A visual overview of the outlet system is linked [here](#) in this ArcGIS StoryMap.



Some of the recurring annual activities include channel inspections, flow monitoring, contracting of invasive terrestrial vegetation management, maintaining permit compliance, and submitting annual reports. The 2024 annual report is available [here](#) on the PLSLWD website, which includes a summary of all activities that were completed along the channel.

PRIOR LAKE OUTLET PIPELINING

The first segment of the PLOC is a 0.4-mile pipe, which connects the outlet structure with the open channel leading to the Minnesota River. The outlet pipe has been televised routinely to monitor pipe conditions. After the 2022 televising, a Cast In Place Pipe (CIPP) lining was recommended to maintain the structural integrity of the pipe so it may continue to operate and offer flood relief. Additionally, the smoother surface of the pipe lining will increase the flow rate through the pipe and allow for additional flood relief.

The District contracted WSB to provide consulting services for pipelining design, soliciting and managing contractor bids, and management of construction. In August 2024, the District was awarded a grant from MPCA to cover \$856,243.28 of eligible project costs. Once grant contracting was complete, WSB proceeded with bid administration in late 2024. Construction is expected in 2025.

FINANCIAL REPORT

The 2024 PLSLWD audit was completed by Abdo and will include both the District's Annual Financial Report and an Executive Governance Summary for the year ended December 31, 2024. A copy of the 2024 Annual Audit will be available for review on the District website and at the District office after May 20, 2025, when it is scheduled to be approved by the Board of Managers.

2024 FINANCIAL SUMMARY

Values presented in the chart and graph below are unaudited.

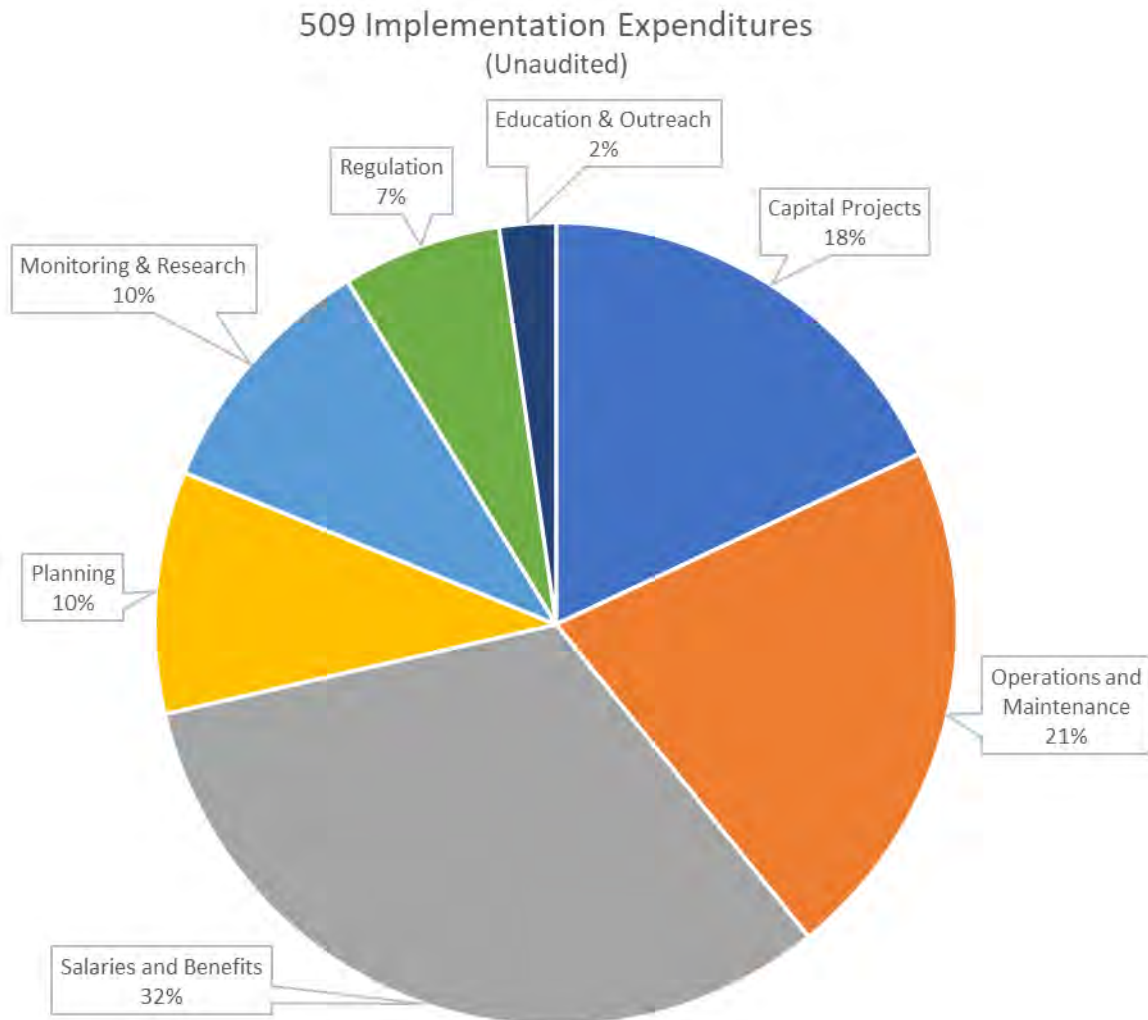
Fund	Starting Balance #	Approved Budget	Tax Levy Revenue*	Additional Revenue **	Transfers To/(From)	Expenditures	Ending Balance ***
General	324,643	261,000	251,384	10,912	-	267,272	319,667
509 Implementation	2,589,018	2,405,356	1,685,108	377,695	(38,981)	1,399,204	3,213,636
MOA/JPA Funds	342,936	-	-	47,414	38,981	100,700	328,631
Bond Debt Services	-	-	-	-	-	-	-
Total	3,256,597	2,666,356	1,936,492	436,021	-	1,767,176	3,861,934

This column was adjusted to reflect the ending balance from the December 31, 2022, audit.

* Tax levy revenues shown are actual tax levy dollars collected. The 2023 tax levy was \$1,919,936.

** Additional revenue comprised of permit fees, investment income, and grant funding.

*** Ending balance is not audited, and subject to change with year-end adjustments and accruals.



GRANTS

Grants obtained by the District that were active in 2024 were as follows:

Prior Lake Spring Lake Watershed Based Implementation Funding 22/23

- Goal: Conduct a feasibility study and a lake management plan to determine suitability for possible future projects.
- Funding Source: BWSR
- Total Grant Amount: \$82,806
- Effective: February 22, 2023, to February 1, 2024

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

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Prior Lake Spring Lake Watershed Based Implementation Funding 2025

- Goal: Progress Swamp Lake IESF to final design and begin construction. Implement external load projects from the Fish Lake Management Plan.
- Funding Source: BWSR
- Total Grant Amount: \$209,935
- Effective: September 27, 2024, to December 31, 2027

Spring Lake Township Fish Lake Management Plan Contribution

- Goal: Update the Fish Lake Management Plan.
- Funding Source: Spring Lake Township
- Total Amount: \$4,000
- Effective: Upon completion of Fish Lake Management Plan update, invoiced January 29, 2024

Stormwater Resiliency Implementation Grant

- Goal: Progress the Prior Lake Outlet Pipelining project to implementation.
- Funding Source: MPCA
- Total Grant Amount: \$856,243.28
- Effective: November 7, 2024, to June 30, 2027

Clean Water Fund Projects and Practices Grant 2025

- Goal: Construct Swamp Iron Enhanced Sand Filter and complete local outreach related to the project.
- Funding Source: BWSR
- Total Grant Amount: \$443,975
- Effective: March 12, 2025*, to December 31, 2027 *awarded in 2024, executed in 2025

2025 WORK PLAN

The following is a summary of implementation activities planned to be completed in 2025.

Implementation Fund: \$3,074,025

General Fund: \$280,000

See the [2025 Budget](#) for detailed budget information.

CAPITAL PROJECTS

Progress Swamp Lake Iron Enhanced Sand Filter to construction.
Progress 200 St Pond Improvements to construction.
Complete construction of Ferric Chloride Site Improvements .

OPERATIONS AND MAINTENANCE

Track carp using PIT tags, radio tags, and visual observations.
Stock bluegills in the FeCl desilt pond where carp continue to be observed.
Focus on removal efforts of carp from Spring Lake and shift to maintenance activities on Upper Prior Lake.
Perform aquatic point-intercept vegetation surveys on three District lakes and ponds.
Invasive aquatic vegetation may be treated in Fish, Prior, and Spring Lakes, depending upon the survey reports.
Continue to perform AIS inspections at boat launches on Spring, Upper Prior, Lower Prior, and Fish Lakes.
Continue Operation and Maintenance of FeCl Facility.
Vegetation maintenance at the District's Spring Lake parcel restoration site and Buck Stream Stabilization project site.
Continue Cost Share Program.
Continue Farmer-Led Council.

EDUCATION AND OUTREACH

Meet the requirements of our MS4 permit.
Continue working with the Scott County Clean Water Education Program
Continue to share updates and educational information via social media, website updates, newspaper articles, and presentations to local stakeholders.
Host events outlined within our 2025 Education and Outreach Plan to engage District residents.

PLANNING

Complete Lake Ridge Estates Stormwater Retrofit Feasibility Study.

Progress Target Water Quality and Flood Storage Projects in the Upper Watershed to Feasibility Studies (Buck Ferric Chloride Treatment System, MB CD-13 Iron Enhanced Sand Filter, Spring Lake West Iron Enhanced Sand Filter, Flood Storage Project 10 (Buck Lake), Flood Storage Project 13 (Vergus Wetland, or others).

MONITORING AND RESEARCH

Continue stream chemistry monitoring.

Continue flow monitoring.

Continue lake water quality monitoring.

Continue monitoring lake levels.

Complete plant surveys.

Continue plant density monitoring.

Continue watercraft inspections.

REGULATION

Perform conservation easement inspections.

Establish new conservation easements through permitting activity.

Track and compile MS4 data to include in the next scheduled MPCA Annual Report.

Complete construction inspections for existing and new permits.

Continue work towards the establishment of rules equivalency MOAs with partnering LGUs to reduce permitting burden on the District and permittees.

PRIOR LAKE OUTLET CHANNEL

Continue recurring annual operations such as inspections and vegetation management.

Proceed with pipelining construction.

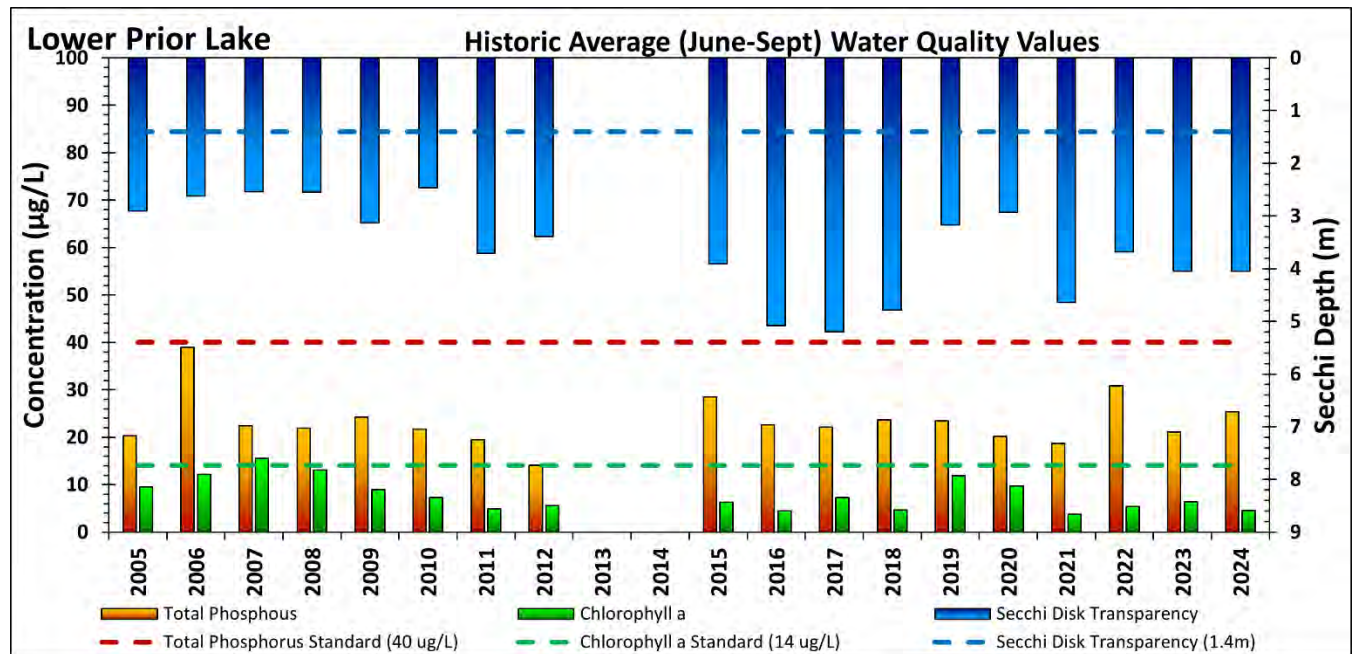
APPENDICES

APPENDIX A: MONITORING DATA TRENDS

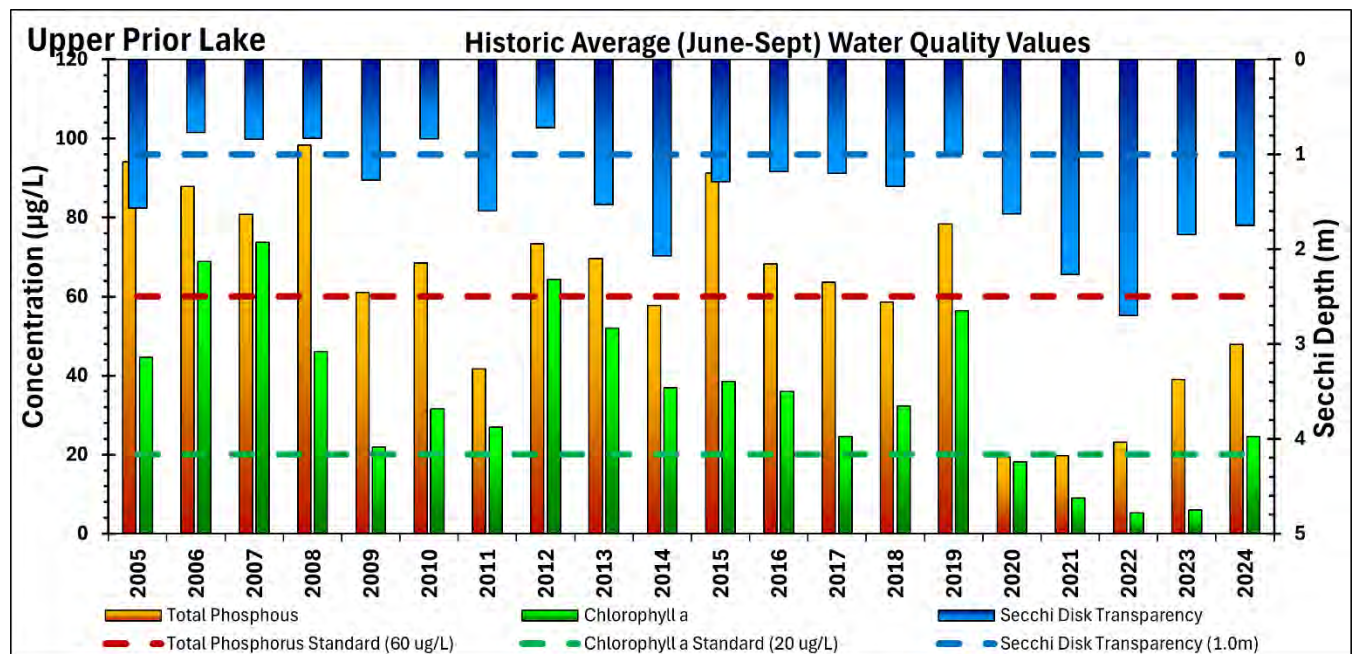
The following graphs indicate the status of the District's monitoring efforts on District lakes since 2004.

Continue on to next page.

LOWER PRIOR LAKE



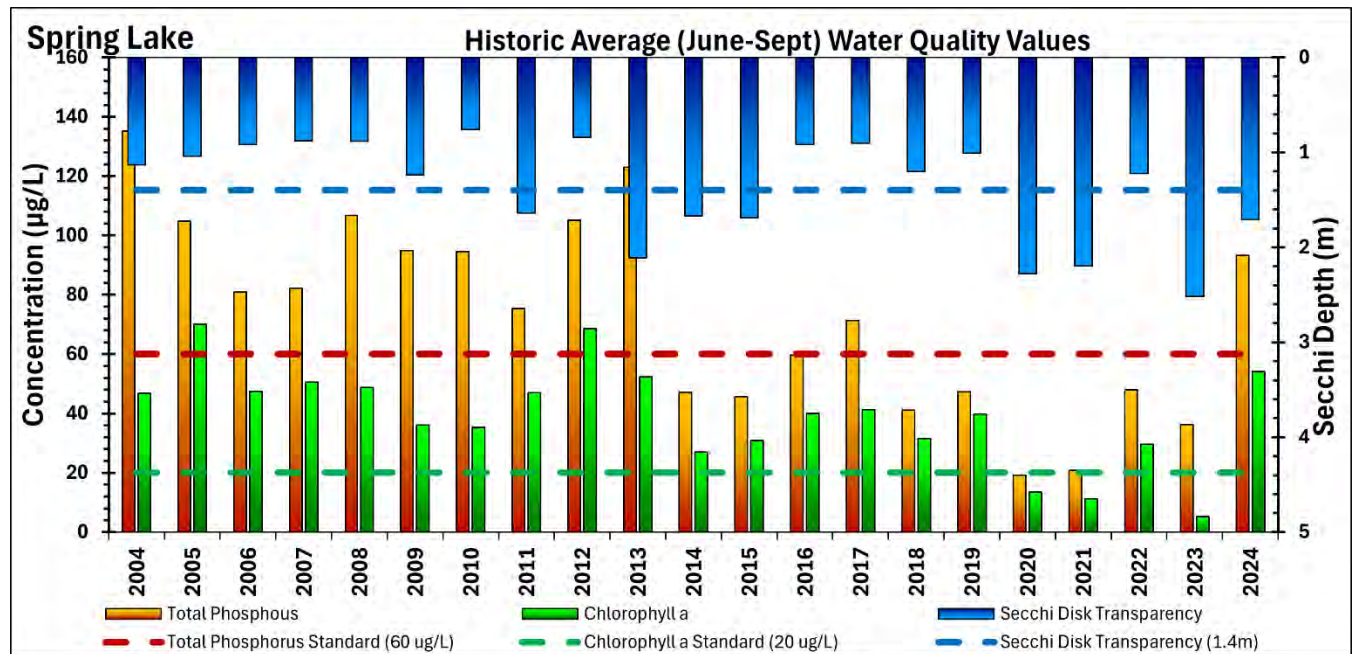
UPPER PRIOR LAKE



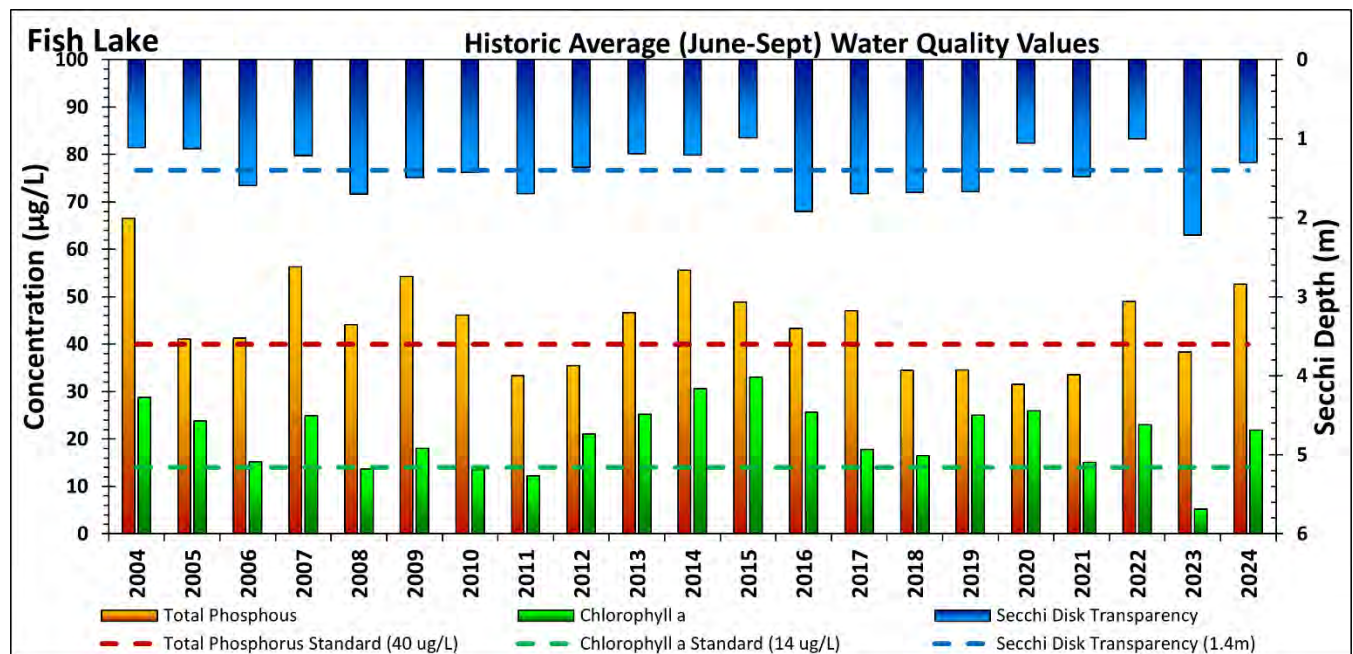
PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

2024 ANNUAL REPORT

SPRING LAKE



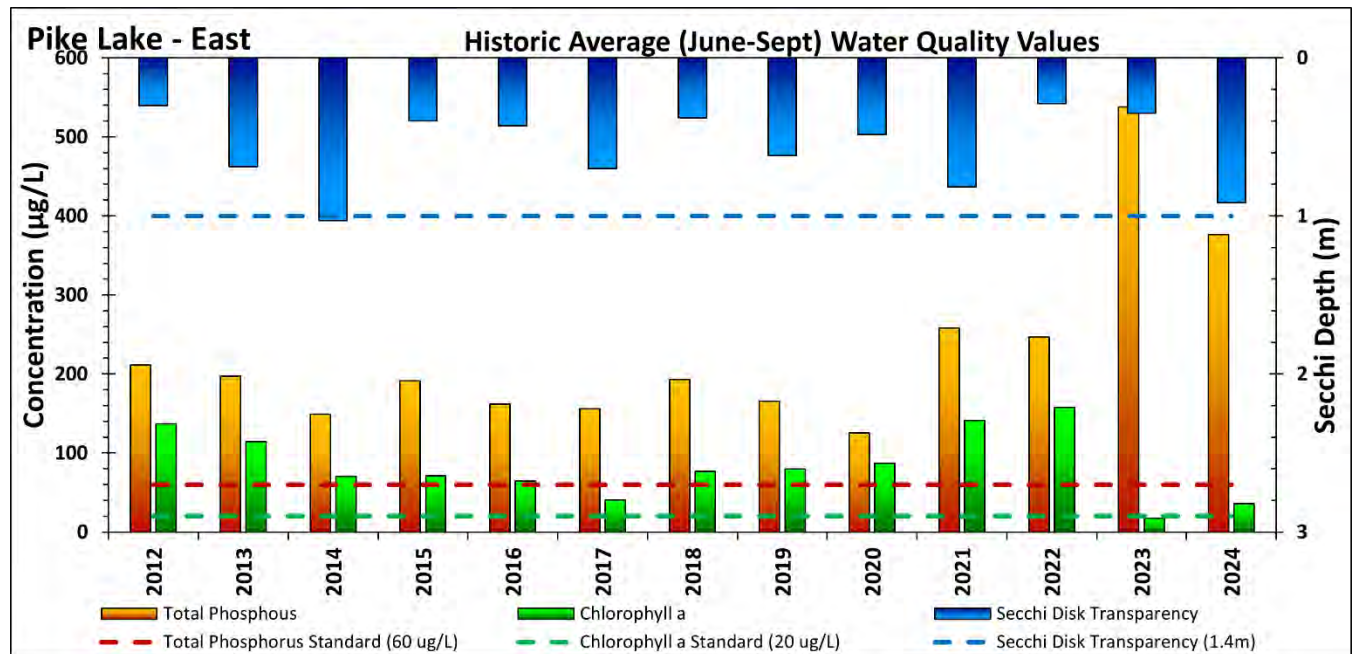
FISH LAKE



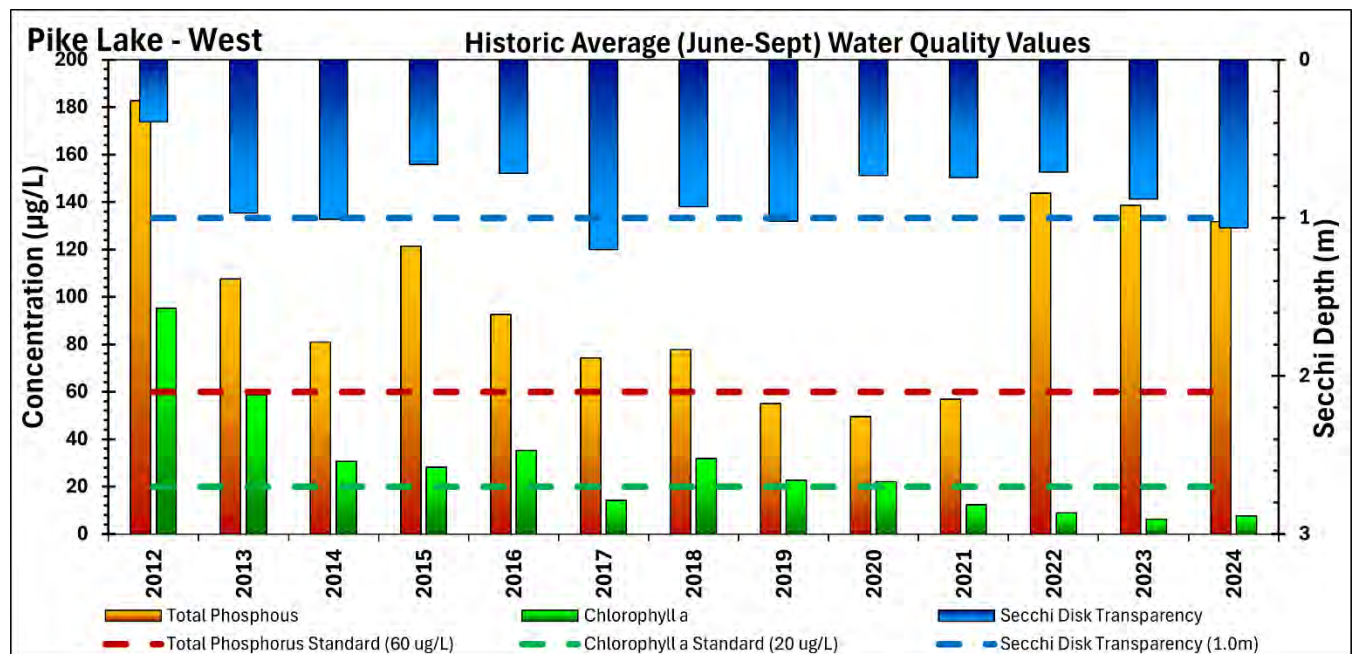
PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

2024 ANNUAL REPORT

PIKE LAKE-EAST



PIKE LAKE-WEST



APPENDIX B: EVALUATION OF PROGRESS DASHBOARD

The Districts 2020-2030 Water Resources Management Plan, adopted July 14, 2020, includes the Outcome and Measures Dashboards to serve as a tool for evaluating progress on watershed goals and to assess whether adjustments are needed. Outcomes and Measures Dashboards are attached as Appendix A. The Water Resources Management Plan states the dashboards will be updated every two years. The dashboards were updated in 2024 to reflect progress made by the District related to the Water Resources Management Plan's stated goals.

Continue on to next page.

Goal WQ1**Maintain or improve 5-year average for TP, Chlorophyll-a and Secchi depth in Lower Prior Lake.**

Performance Measures:

Every two years, evaluate water quality trends on a 5-year running average to ensure water quality is maintained or improved.**Benchmark Measures:**

Total Phosphorus (TP)	24 µg/l
Chlorophyll-a (Chl-a)	6.9 µg/l
Secchi depth	4.43 m

5-Year Average Tracking:

Total Phosphorus (TP)	
2021	21.61
2023	22.86
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	7.45
2023	7.42
2025	
2027	
2029	
Secchi depth	
2021	4.15
2023	3.7
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Public Infrastructure Projects*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lower Prior Lake Subwatershed Project*		✓									
Storage & Infiltration Projects*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Restoration Program				✓	✓	✓		✓	✓	✓	

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Lower Prior Lake Diagnostic Study Update					✓						
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.**If one or more of the three water quality measures begins to show downward trends, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ2**Meet the state water quality standards for aquatic recreation on Spring Lake.**

Performance Measures:

Use in-lake water quality monitoring results for TP, Chl-a and Secchi depth to assess progress every two years; request delisting to MPCA.**Benchmark Measures:**

Total Phosphorus (TP)	60 µg/l
Chlorophyll-a (Chl-a)	20 µg/l
Secchi depth	1.4 m

Outcome: Request state delisting to MPCA by 2029**2-Year Average Tracking:**

Total Phosphorus (TP)	
2021	20.04
2023	42.09
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	12.41
2023	17.37
2025	
2027	
2029	
Secchi depth	
2021	2.24
2023	1.87
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
In-Lake Alum Treatments*	✓										
County Ditch 13 Restoration*											
Public Infrastructure Projects*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fish Lake Watershed Projects			✓								
Spring Lake Regional Park Project				✓	✓						
Spring Lake West Subwatershed Project*		✓	✓								
Storage & Infiltration Projects*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Restoration Program*				✓	✓	✓		✓	✓	✓	✓
Wetland Restoration & Enhancement*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program				✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carp Management Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Farmer-Led Council Initiatives*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ferric Chloride Treatment System	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Highway 13 Wetland Restoration						✓	✓				
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Blueprint	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.**If at least two of the water quality measures are not meeting benchmarks by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ3**Meet the state water quality standards for aquatic recreation on Upper Prior Lake.**

Performance Measures:

Use in-lake water quality monitoring results for TP, Chl-a and Secchi depth to assess progress every two years; request delisting to MPCA.**Benchmark Measures:**

Total Phosphorus (TP)	40 µg/l
Chlorophyll-a (Chl-a)	14 µg/l
Secchi depth	1.4 m

Outcome: Request state delisting to MPCA by 2029**2-Year Average Tracking:**

Total Phosphorus (TP)	
2021	19.53
2023	31.12
2025	
2027	
2029	
Chlorophyll-a (Chl-a)	
2021	13.6
2023	5.61
2025	
2027	
2029	
Secchi depth	
2021	1.95
2023	2.27
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
In-Lake Alum Treatments*	✓	✓			✓	✓	✓				
Public Infrastructure Projects*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Arctic Lake BMP Projects				✓				✓			
Fish Lake Watershed Projects		✓	✓								
Spring Lake West Subwatershed Project		✓	✓								
Storage & Infiltration Projects*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Restoration Program*	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Restoration & Enhancement*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carp Management Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Farmer-Led Council Initiatives*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FeCl Treatment System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Highway 13 Restoration						✓	✓				
Project Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Blueprint	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.**If at least two of the water quality measures are not meeting benchmarks by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ4**Improve water quality in Fish Lake by reducing annual phosphorus load by 40 lbs/year.**

Performance Measures:

Every two years, assess water quality to measure improvements in TP, Chl-a and Secchi depth; reduce annual P load by 40 lbs/year by 2029.

Baseline Measures (2005-2014):

Total Phosphorus (TP)	42 µg/l
Chlorophyll-a (Chl-a)	20 µg/l
Secchi depth	1.3 m

Outcome: Implement projects to reduce annual P load by 40 lbs/yr, resulting in improved water quality in one or more measures by 2029.

2-Year Average Tracking:

	TP	Chl-a	Secchi
2021	32	20.5	1.27
2023	44	14.11	1.61
2025			
2027			
2029			

Annual P Load Reductions:

Projects Implemented (lbs/year)	
2021	None
2022	None

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Fish Lake Watershed Projects*		✓	✓								
Streambank Restoration Program*	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Restoration & Enhancement*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carp Management Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Farmer-Led Council Initiatives*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Effectiveness/BMP Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.**If at least two of the water quality measures have not shown improvement by 2025, the following should be explored:**

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ5

Improve water quality in Arctic Lake by supporting SMSC's improvement efforts to reduce watershed phosphorus loading by 37 lbs/yr and by partnering with SMSC, the City of Prior Lake and the Three Rivers Park District on future projects as opportunities arise.

Performance Measures:

Every two years, assess water quality (TP, Chl-a and Secchi) to measure improvements; track load reductions associated with project implementation.

Baseline Measures (2008-2017):

Total Phosphorus (TP)	127.5 µg/l
Chlorophyll-a (Chl-a)	40 µg/l
Secchi depth	0.43 m

Outcome: Support & coordinate with SMSC on projects, resulting in improved water quality in one or more measures by 2029.

2-Year Average Tracking:

	TP	Chl-a	Secchi
2021	94.11	33.74	0.42
2023**	83.9	38.9	0.74
2025			
2027			
2029			

**2022 data only

Load Reduction Tracking

Project	Year	lb/year

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Arctic Lake BMP Projects*				✓				✓			

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Carp Management Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.

If at least two of the water quality measures have not shown improvement by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*

Goal WQ6

In partnership with SMSC and the City of Prior Lake, improve Pike Lake by achieving 10% percent improvement in TP concentrations to work toward the TMDL pollutant reduction requirements.

Performance Measures:

Every two years, assess TP concentrations to measure improvements; track load reductions associated with project implementation.

Baseline Measures (2012-2017):

	West Side	East Side
Total Phosphorus (TP)	102 µg/l	170 µg/l

10% Improvement GOAL:

	West Side	East Side
Total Phosphorus (TP)	92 µg/l	153 µg/l

2-Year Average Tracking:

	West Side	East Side
Total Phosphorus (TP)		
2021	53.23	192
2023	141.17	392
2025		
2027		
2029		

Load Reduction Tracking

Project	Year	lb/year

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Carp Management Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Farmer-Led Council Initiatives*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve water quality improvement results.

If there is not a documented decrease in TP concentrations by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting water quality? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ7***Assess the quality of Sutton Lake and develop a Lake Management Plan.***

Performance Measures:	Assessment of lake quality and development of management plan.
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Performance Tracking:	
Step	Status
Install Outlet (2020)	Completed 2021
Complete Lake Management Plan (2020)	In Progress
Manage Outlet (2021)	Complete
Manage Outlet (2022)	Complete
Manage Outlet (2023)	Complete
Manage Outlet (2024)	
Manage Outlet (2025)	
Manage Outlet (2026)	
Manage Outlet (2027)	
Manage Outlet (2028)	
Manage Outlet (2029)	
Manage Outlet (2030)	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:												
Capital Projects												
Sutton Lake Outlet Structure*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Monitoring Projects												
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Projects in **bold** have the greatest potential to achieve the goal.

Outcome: Lake Management Plan and effectively managed outlet structure.

If there is no progress by 2022, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor slowing the progress? *If so, consider a study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ8***Assign a District water quality standard for Buck Lake and set management goals for the next 10-year plan.***

Performance Measures:	Conduct a lake diagnostic study to identify water quality standard; set management goals for next 10-year plan.
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Performance Tracking:	
Step	Status
Diagnostic Study (2026)	
Water Quality Standard (2026)	
Management Goals Set (2029)	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:											
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Buck Lake Diagnostic Study						✓	✓				
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

If there is no progress by 2026, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor slowing the progress? *If so, consider a study to explore solutions.*

Goal WQ9***Assess the quality of Tier 3 Lakes and assign lake management classifications.***

Performance Measures:

In-lake water quality monitoring; assign lake classifications.**Performance Tracking:**

Lake	Management Classification
Haas Lake	Unclassified
Crystal Lake	Unclassified
Rice Lake	Unclassified
Cates Lake	Grade A for Chl-a, Secchi, and P
Jeffers Pond	Unclassified
Swamp Lake	Unclassified

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

If there is no progress by 2028, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor slowing the progress? *If so, consider a study to explore solutions.*

Goal WQ10***Maintain no net loss of wetland in the District.***

Performance Measures:

Every two years track and assess wetland impacts; fully establish wetland banking program.

Outcome: Biennial wetland loss assessments and successful establishment of wetland banking program.

Performance Tracking:	
Biennial Permit / LGU Review	Status
2021	Incomplete
2023	Incomplete
2025	
2027	
2029	
Wetland Banking Program Steps	
Program Establishment (2021)	Incomplete
Reserve Fund Created (2022)	Incomplete
First Project Completed (2025)	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Banking Program*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Comprehensive Wetland Plan Update	✓				✓						
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓

* Projects in **bold** have the greatest potential to achieve goals.

If wetland loss is occurring and/or wetland banking program has not reached the above milestones, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting wetland preservation? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ11

Restore or enhance 5% (24 of 482 acres) of the restoration/enhancement management class of wetlands (as identified in the Comprehensive Wetland Plan), focusing on those that work towards prioritized and/or multiple District goals.

Performance Measures:

Track progress towards restored/enhanced wetland acres every two years.

Performance Tracking:

Project Milestones	Status
CWP Plan Update 2020	Incomplete
Create Wetland Reserve Fund (2021)	Incomplete
CWP Plan Update 2024	
Restoration Milestones	Acres
Wetland Restoration 1 (by 2025)	
Wetland Restoration 2 (by 2027)	
Wetland Restoration 3 (by 2029)	
Wetland Restoration 4	
Wetland Restoration 5	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Restoration & Enhancement*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Highway 13 Wetland Restoration		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Comprehensive Wetland Plan Update	✓				✓						
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Wetland Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Projects in **bold** have the greatest potential to achieve goals.

If there is no progress in meeting wetland restoration acreage goals by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting wetland preservation? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ12

Stabilize a minimum of ten bank erosion/slumping sites, prioritizing those that impact Tier 1 or Tier 2 Lakes and/or meet multiple District goals.

Performance Measures:

Track progress on bank stabilization projects implemented every two years, 10 completed by 2029.

Performance Tracking:	
Project Milestones	Status
Conduct Field Assessment (2021)	Incomplete
Strategic Outreach (2022)	Ongoing
Stabilization Milestones	Status
Streambank Restoration 1 (by 2023)	Smith Lined Waterway Complete 2020
Streambank Restoration 2 (by 2025)	Moen Lined Waterway Completed 2022
Streambank Restoration 3 (by 2025)	Dubbe Lined Waterway Completed 2023
Streambank Restoration 4 (by 2025)	
Streambank Restoration 5 (by 2027)	
Streambank Restoration 6 (by 2027)	
Streambank Restoration 7 (by 2027)	
Streambank Restoration 8 (by 2029)	
Streambank Restoration 9 (by 2029)	
Streambank Restoration 10 (by 2029)	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
County Ditch 13 Restoration*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Streambank Restoration Program*	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Stream & Ditch Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Projects in **bold** have the greatest potential to achieve goals.

If no streambank stabilization projects have been completed by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting completion of projects? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal WQ13

Improve the stability of the Prior Lake Outlet Channel through annual maintenance and 10,000 linear feet of bank repair work.

Performance Measures:

Track progress towards 10,000 linear feet of bank repair work every two years.

Performance Tracking:

Project Milestones		Status
Develop Bank Repair Plan (2021)		Complete
Complete Bank Repairs (2023)		
Inspection + Maintenance Review		Status
2021		Complete
2023		Complete
2025		
2027		
2029		

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PLOC Bank Restoration	✓	✓	✓	✓							
PLOC Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

If 10,000 linear feet of bank repair work has not been completed by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting completion of projects? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed above? *Consider working with partners and exploring grants.*

Goal WQ14

Active participation in groundwater planning efforts and prioritize projects, programs and priority areas (e.g. DWSMA's) that include groundwater benefits".

Performance Measures:

Staff attendance at groundwater planning workshops/meetings and incorporation of groundwater considerations into project selection process.

Performance Tracking:**Groundwater Protection Planning**

YEAR	MEETINGS ATTENDED
2021	0
2023	0
2025	
2027	
2029	

Groundwater Considerations in Projects

YEAR	PROJECT UPDATES
2021	9 decommissioned wells
2023	5 decommissioned wells
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	
Groundwater Protection Plan		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Groundwater						✓	✓	✓	✓	✓	✓

Goal AIS1

Develop and implement an Aquatic Invasive Species (AIS) Response and Prevention Plan in coordination with Scott County to help prevent new AIS from entering Tier 1 lakes (lakes with public access).

Performance Measures:	Completed AIS Plan; regular monitoring for AIS and implementation according to plan.
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Performance Tracking:	
Project Milestones	Status
Create AIS Response Plan (2021)	Complete
Biennially review implementation of:	
- CLP assessment & treatment	
- AIS Reponse Plan implementation	
	Status
2021	Complete
2023	Complete
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:												
Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
AIS Prevention & Management*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Feasibility Reports		✓		✓		✓		✓		✓		
AIS Rapid Response Plan		✓		✓		✓		✓		✓		
Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Lake Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

* Projects in **bold** have the greatest potential to achieve goals.

If new AIS is discovered in the District or an existing AIS has rebounded, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting AIS introduction/management? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Goal AIS2***Effectively manage common carp in Tier 1 Lakes to 30 kg/ha or below.***

Performance Measures:	Annually update IPM Plan for Carp; implement activities in the Plan to achieve carp populations of 30 kg/ha or below in Tier 1 Lakes.
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Performance Tracking:						
	2019	2021	2023*	2025	2027	2029
Lake	Carp (kg/ha)	Carp (kg/ha)	Carp (kg/ha)	Carp (kg/ha)	Carp (kg/ha)	Carp (kg/ha)
Lower Prior	9.4	Incomplete	n/a			
Upper Prior	304.8	211	175;67			
Spring	266.2	226.9	199;125			
Fish	85.7	Incomplete	57			

*Where two numbers are given, the first represents calculations based on the 2018 population estimate. The second is based on 2023 CPUE surveys.

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

O & M Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Carp Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

If carp populations are not making significant progress towards meeting goals by 2025, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting carp management? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the District? *Consider working with partners and exploring grants.*

Monitor curly-leaf pondweed growth on Tier 1 Lakes and treat as needed to prevent adverse effects on water quality.

Performance Measures:	Monitor curly-leaf pondweed; implement treatments of curly-leaf pondweed as needed.
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[illegible]

Goal AIS4

Implement new management techniques for zebra mussels as innovative, cost-effective methods are developed.

Performance Measures:	Monitor advances in management techniques; implement control methods as available.
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Performance Measures:	
Research Review	Status
2021	Complete
2023	Complete
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
AIS Prevention & Management*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Feasibility Reports		✓		✓		✓		✓		✓	

Outcome: Regular coordination with UMN and other research labs; feasibility study for new methods of zebra mussel management, if developed.

Goal RF1

Achieve the first-tier priority flood reduction goal to reduce the flood level on Prior Lake from 905.62 to 905.5 feet for the 25-year return period.

Performance Measures:

Track storage created towards goal of 176 acre-feet on Prior Lake.

Flood Levels (25-Year Return Period)

Existing 905.62 ft

GOAL 905.50 ft

Upstream Storage

GOAL: 176 ac-ft

Performance Tracking:

Project	Status
Sutton Lake Outlet (2021)	Complete
Upstream Storage Status	Acre-feet
2023	0
2025	
2027	
2029	
Flood Level Status	feet
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Capital Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
County Ditch 13 Restoration		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storage & Infiltration Projects*		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sutton Lake Outlet Structure*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Restoration & Enhancement		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wetland Banking Program		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Operations & Maintenance Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Cost Share Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Planning Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Comprehensive Wetland Plan Update	✓				✓						
Feasibility Reports		✓		✓		✓		✓			✓
Regional Stormwater Planning		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper Watershed Storage Strategy	✓	✓									

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Precipitation & Weather	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCSWMM Model Update & Maintenance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

If the goal has not been achieved by 2027, the following should be explored:

- 1) Have all scheduled projects above been completed according to the timeline? *If not, consider implementing them.*
- 2) Is there an unexpected, external factor affecting the achievement of the goal? *If so, consider a feasibility study to explore solutions.*
- 3) Are there additional/enhanced opportunities in the projects listed in bold above? *Consider working with partners and exploring grants.*

Continue to operate the Prior Lake Outlet Structure according to the Prior Lake Outlet Control Structure Management Policy and Operating Procedures (last revised July 3, 2017).

Biennial Performance Tracking:	
Annual Reports Submitted	Status
2021	Submitted
2023	Submitted
2025	
2027	
2029	

[illegible]

Goal RF3***Eliminate/reduce the impact of new development and redevelopment on flooding.***

Performance Measures:

Revised rules are adopted; District Rules effectively enforced**Biennial Performance Tracking:**

Assess Permit Program	Status
2021	Complete
2023	Complete
2025	
2027	
2029	
Projects	Status
Revised Rules Adopted	Adopted 2022

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Regulation Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Permit Program*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Conservation Easement Program	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
District Rules Updates	✓					✓					✓
District Boundary Revisions	✓	✓									

* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

Goal RF4

In partnership with the City of Prior Lake, complete updates to the PCSWMM Model to refine and improve understanding of flooding in the watershed.

Performance Measures:	Updated PCSWMM model.
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Biennial Performance Tracking:	
PCSWMM Updates	Status
2021	Complete
2023	None Needed
2025	
2027	
2029	

PROJECTS THAT WILL HELP ACHIEVE THE GOAL:

Monitoring Projects	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Precipitation & Weather	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PCSWMM Model Update & Maintenance*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Projects in **bold** have the greatest potential to make progress towards achieving the goal.

Assess progress on flood reduction goals and establish an updated flood reduction goal for the next water resources management plan.

Performance Tracking:	
Updated Goals	Status
2029	In Progress

[illegible][illegible]



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

Subject | Swamp Lake Iron-Enhanced Sand Filter Request for Bids Approval

Board Meeting Date | April 15, 2025

Item No: 4.3

Prepared By | Emily Dick

Attachments |

- a) Swamp Lake IESF Draft Bid Plans
- b) Swamp Lake IESF Project Manual (available via following link [4.3L SwampLakeIESF ProjectManual.pdf](#))

Proposed Action | Motion to authorize solicitation of competitive bids for the Swamp Lake Iron-Enhanced Sand Filter project, with any further non-substantive changes on advice of engineering and legal counsel.

Background

The Swamp Lake Iron-Enhanced Sand Filter (IESF) project was identified in the Upper Watershed Blueprint study as a potential project to reduce external loads to Spring Lake. A feasibility study was conducted by Stantec in 2023 which developed several alternatives and identified a preferred alternative for implementation.

An easement was obtained for access and use of the project area for implementation, along with operations and maintenance of the Swamp Lake Iron Enhanced Sand Filter. The District has received funding support from multiple entities to support the engineering and implementation of the project: BWSR- Watershed Based Implementation Fund (\$179,935), Spring Lake Township (\$2,000) and BWSR Clean Water Fund Competitive Grant (\$443,975).

Discussion

EOR was contracted for engineering services to complete design, bid administration, and construction observation. EOR has advanced design to 95% and initiated ditch petition processes. EOR has drafted bid documents and sought review of legal counsel. District staff is seeking authorization to solicit competitive bids for the project. The solicitation of competitive bids this Spring could result in construction as soon as Fall 2025.

Recommended Action

Motion to authorize solicitation of competitive bids for the Swamp Lake Iron-Enhanced Sand Filter project, with any further non-substantive changes on advice of engineering and legal counsel.

Budget Impact

The cost associated with proposed activity is covered under budget item 550- Swamp Iron Enhanced Sand Filter.

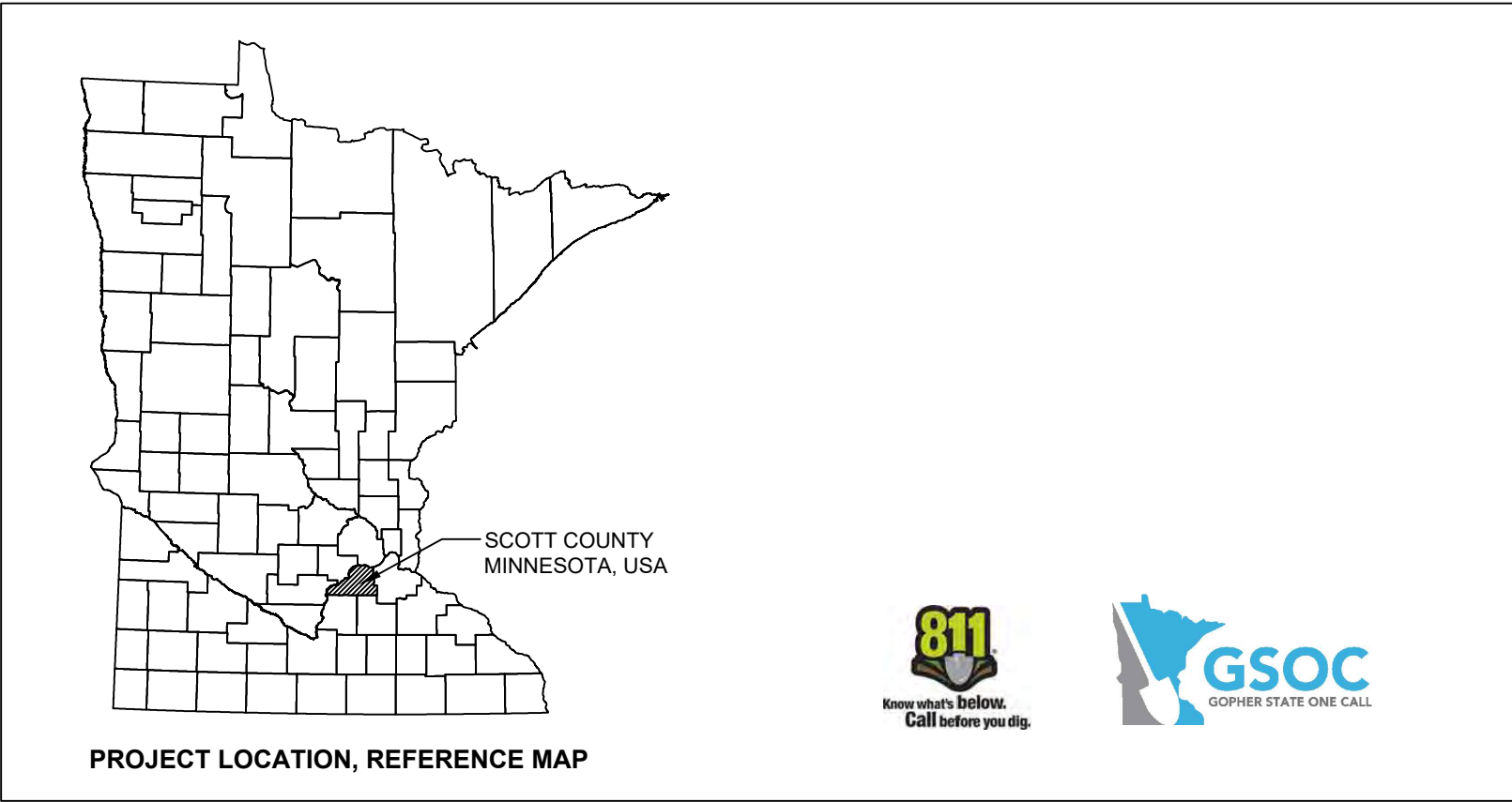
SHEET LIST TABLE

Sheet Number	Sheet Title
01	TITLE SHEET
02	NOTES & SEQ SHEET
03	EXISTING CONDITIONS PLAN
04	SITE PLAN
05	GRADING & DRAINAGE PLAN
06	EROSION AND SEDIMENT CONTROL PLAN
07	RESTORATION PLAN
08	DETAILS STORMWATER 1
09	DETAILS STORMWATER 2
10	DETAILS STORMWATER 3
11	DETAILS DIVERSION BERM
12	DETAILS EROSION AND SEDIMENT CONTROL 1
13	DETAILS EROSION AND SEDIMENT CONTROL 2
14	DETAILS EROSION AND SEDIMENT CONTROL 3
15	DETAILS EROSION AND SEDIMENT CONTROL 4

THIS PLAN SET CONTAINS 15 SHEETS.

LEGEND

FEATURE	EXISTING	PROPOSED
MAJOR CONTOUR		
MINOR CONTOUR		
DRAINAGE FLOW ARROWS		
PARCEL BOUNDARY LINE		
EDGE OF GRAVEL		
EDGE OF LAKE		
CONSTRUCTION LIMITS		
DITCH CENTERLINE		
TREE		
SEDIMENT LOGS		
SILT FENCE		
IRON-ENHANCED SAND		
BIORETENTION BMP		
CLASS I RIPRAP		
CLASS II RIPRAP		
STAGING AREA		
ROCK DITCH CHECK		



GENERAL NOTES

EXISTING UTILITIES

THE LOCATION OF UNDERGROUND FACILITIES AND/OR STRUCTURES AS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AT THE TIME THE PLANS WERE PREPARED AND ARE NOT GUARANTEED TO BE COMPLETE OR CORRECT.

THE SUBSURFACE UTILITY INFORMATION SHOWN IS UTILITY QUALITY LEVEL D, AS DETERMINED USING THE GUIDELINES OF "C/ASCE 38-02 STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION TO DETERMINE THE EXACT LOCATION OF ALL FACILITIES AND TO PROVIDE ADEQUATE PROTECTION OF SAID UTILITIES DURING THE COURSE OF WORK.

CONSTRUCTION NOTE

CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN OPERATION OF EXISTING UTILITIES THROUGHOUT THE DURATION OF THE PROJECT. IN THE EVENT THAT AN INTERRUPTION OF SERVICE IS UNAVOIDABLE IN ORDER TO COMPLETE THE WORK, CONTRACTOR SHALL PROVIDE ADEQUATE NOTIFICATION TO ALL AFFECTED ENTITIES A MINIMUM OF 3 WORKING DAYS IN ADVANCE OF ANY INTERRUPTION.

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING FIELD MANUAL FOR TEMPORARY CONTROL ZONE LAYOUTS.

GOPHER STATE ONE-CALL

IT IS THE LAW THAT ANYONE EXCAVATING AT ANY SITE MUST NOTIFY GOPHER STATE ONE CALL (GSOC) SO THAT UNDERGROUND ELECTRIC, NATURAL GAS, TELEPHONE OR OTHER UTILITY LINES CAN BE MARKED ON OR NEAR YOUR PROPERTY BEFORE ANY DIGGING BEGINS. A 48-HOUR NOTICE, NOT INCLUDING WEEKENDS, IS REQUIRED. CALLS CAN BE MADE TO GSOC AT 1-800-252-1166 OR (651) 454-0002, MONDAY THROUGH FRIDAY (EXCEPT HOLIDAYS) FROM 7 A.M. TO 5 P.M.



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.

KYLE D. CRAWFORD DATE: 04/10/2025 LICENSE #54906

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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DESIGNED BY: KFA

DRAWN BY: KFA

CHECKED BY: KDC

EOR JOB #00758-0180



SWAMP LAKE IRON-ENHANCED SAND FILTER

SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

PRIOR LAKE, MN, 55372

TITLE SHEET

SHEET 01 OF 15

GRADING & EROSION CONTROL NOTES

1.

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO START OF SITE GRADING. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS.
2.

ENGINEER WILL PROVIDE INITIAL HORIZONTAL AND VERTICAL CONTROL BENCHMARKS AND PROJECT DESIGN CAD DRAWINGS. CONTRACTOR SHALL PROVIDE ENGINEER A MINIMUM OF 3 BUSINESS DAYS PRIOR TO RECEIVING FIELD CONTROL BENCHMARKS. CONTRACTOR SHALL PROVIDE ENGINEER A MINIMUM OF 5 BUSINESS DAYS PRIOR TO RECEIVING DESIGN CAD DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SAID HORIZONTAL AND VERTICAL CONTROL POINTS SET BY OWNER. CONTRACTOR TO PROVIDE CONSTRUCTION STAKING, UTILIZING A PROFESSIONAL LAND SURVEYOR AS NECESSARY, TO BE INCIDENTAL TO THE CONTRACT.
3.

INSTALL PERIMETER EROSION CONTROL MEASURES AND PERFORM TREE CLEAN ROOT CUTTING BEFORE BEGINNING SITE GRADING ACTIVITIES. SOME EROSION CONTROL SUCH AS SEDIMENT CONTROL LOGS AND CHANGES TO SILT FENCE MAY BE INSTALLED AS GRADING OCCURS IN THE SPECIFIC AREA. MAINTAIN EROSION CONTROLS THROUGHOUT THE GRADING PROCESS AND REMOVE WHEN APPROVED BY THE ENGINEER.
4.

CONTRACTOR TO ADHERE TO ALL COUNTY AND STATE REQUIREMENTS, INCLUDING THE REQUIREMENT TO MINIMIZE THE AREA DISTURBED BY GRADING AT ANY GIVEN TIME AND TO COMPLETE VEGETATION RESTORATION WITHIN THE TIME REQUIRED BY THE COUNTY AND NPDES PERMIT AFTER COMPLETION OF GRADING OF AN AREA.
5.

ALL EXPOSED SOIL AREAS WITHIN 100 FEET OF A WATER OF THE STATE OR ANY STORMWATER CONVEYANCE SYSTEM CONNECTED TO A WATER OF THE STATE MUST BE STABILIZED WITHIN 7 DAYS (STEEPER THAN 3:1 SLOPES), 14 DAYS (FLATTER THAN 3:1 SLOPES).
6.

WHERE INDICATED ON THE PLANS AND ADDITIONAL LOCATION AS NECESSARY, APPROVED INLET PROTECTION IS TO BE USED DURING CONSTRUCTION.
7.

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH COUNTY AND NPDES PERMITS.
8.

THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES, INCLUDING THE REMOVAL OF ACCUMULATED SILT IN FRONT OF SILT FENCES, SEDIMENT CONTROL LOGS, ETC. DURING THE DURATION OF THE CONSTRUCTION.
9.

MAINTAIN EXISTING EROSION CONTROL. RE-ESTABLISH ANY EXISTING EROSION CONTROL DISTURBED BY CONSTRUCTION.
10.

CONTRACTOR SHALL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL MEASURES AS REQUIRED FOR CONSTRUCTION. ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBMITTED FOR PAYMENT CONSIDERATION AGAINST THE TEMPORARY EROSION AND SEDIMENT CONTROL ALLOWANCE - ONLY AFTER ENGINEER APPROVAL.
11.

REMOVE ALL EROSION CONTROL MEASURES AFTER THE WORK HAS BEEN ACCEPTED BY ENGINEER.
12.

THE CONTRACTOR SHALL REMOVE ALL SOILS AND SEDIMENT TRACKED ONTO EXISTING STREETS AND PAVED AREAS WITHIN 24 HOURS OF NOTICE. THIS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
13.

IF BLOWING DUST BECOMES A NUISANCE, THE CONTRACTOR SHALL APPLY WATER FROM A TANK TRUCK TO ALL CONSTRUCTION AREAS. THIS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
14.

INSPECT EROSION CONTROL DEVICES AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. IMMEDIATELY REPAIR FAILED OR FAILING EROSION CONTROL DEVICES.
15.

SEDIMENT REMOVAL - ACCUMULATED SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT.
16.

ANY SEDIMENT REMAINING IN PLACE AFTER THE EROSION CONTROL DEVICE IS NO LONGER REQUIRED SHALL BE GRADED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED WITH THE APPROPRIATE SEED MIX AS DIRECTED BY ENGINEER.
17.

SUITABLE GRADING MATERIAL SHALL CONSIST OF ALL SOIL ENCOUNTERED ON SITE WITH EXCEPTION OF TOPSOIL, DEBRIS, ORGANIC MATERIAL AND OTHER UNSTABLE MATERIAL. STOCKPILE TOPSOIL AND GRANULAR FILL AT LOCATIONS DIRECTED BY ENGINEER.
18.

EXISTING GRANULAR MATERIALS SHALL BE SEGREGATED AND STOCKPILED FOR REUSE ON-SITE.
19.

SUBGRADE EXCAVATION SHALL BE BACKFILLED IMMEDIATELY AFTER EXCAVATION TO HELP OFFSET ANY STABILITY PROBLEMS DUE TO WATER SEEPAGE OR STEEP SLOPES. WHEN PLACING NEW SURFACE MATERIAL ADJACENT TO EXISTING PAVEMENT, THE EXCAVATION SHALL BE BACKFILLED PROMPTLY TO AVOID UNDERMINING OF THE EXISTING PAVEMENT.
20.

GRADES SHOWN ARE FINISHED GRADES WITH TOLERANCES OF ±0.10 FEET.
21.

ALL EXCESS MATERIAL, BITUMINOUS SURFACING, CONCRETE ITEMS, ANY ABANDONED UTILITY ITEMS, AND OTHER UNSTABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OFF THE CONSTRUCTION SITE. DISPOSAL SHALL BE DONE IN A MANNER THAT MEETS ALL APPLICABLE LOCAL AND STATE REGULATIONS.
22.

CONTRACTOR IS RESPONSIBLE FOR GRADING AND SLOPING THE FINISHED GROUND SURFACE TO PROVIDE SMOOTH & UNIFORM SLOPES, WHICH PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND INFRASTRUCTURE AND PREVENT PONDING IN LOWER AREAS. CONTACT ENGINEER IF FIELD ADJUSTMENTS TO GRADING PLANS ARE REQUIRED.

TRAFFIC CONTROL

1.

CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN WITH TRAFFIC CONTROL DEVICES AND SIGNING CONFORMING TO THE MMUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS, LATEST EDITION.
2.

CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
3.

CONTRACTOR SHALL MAINTAIN RESIDENT AND EMERGENCY ACCESS AT ALL TIMES.
4.

CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR (NOT INCLUDING WEEKENDS AND HOLIDAYS) ADVANCE NOTICE WHEN ROAD CLOSURES AND DETOURS OCCUR.
5.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, SIGNAGE, FLAGGING, AND ASSOCIATED MAINTENANCE.
6.

ANY CHANGES TO THE TRAFFIC CONTROL PLAN NEED TO BE RESUBMITTED TO THE TOWNSHIP AND ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION OF THE CHANGES.
7.

ANY COST INCURRED FOR TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE PROJECT.

PERMIT NOTES

- THE PROJECT SITE IS WITHIN SAND CREEK TOWNSHIP. NO TOWNSHIP PERMITS ARE ANTICIPATED TO BE REQUIRED FOR THIS PROJECT.

1. SCOTT COUNTY GRADING PERMIT - OBTAINED BY OWNER

A.

OWNER WILL OBTAIN AND PAY PERMIT FEES FOR SCOTT COUNTY GRADING PERMIT. PERMIT APPLICATION WILL REQUIRE CONTRACTOR SIGNATURE ON PERMIT APPLICATION TO BE COORDINATED BY OWNER.

2. MINNESOTA POLLUTION CONTROL AGENCY, NPDES/SDS CONSTRUCTION STORMWATER PERMIT

A.

DISTURBANCE IS GREATER THAN ONE ACRE, THEREFORE A NPDES/SDS PERMIT IS REQUIRED AND SHALL BE OBTAINED BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE EVIDENCE OF COVERAGE TO OWNER.
- GENERAL SITE WORK NOTES
1.

VERIFY HORIZONTAL LOCATION AND ELEVATION WHERE A CONNECTION TO EXISTING PAVEMENT, STRUCTURE, PIPE OR OTHER SITE FEATURE IS TO BE MADE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.

2.

REFERENCE TO MNDOT SPECIFICATIONS SHALL MEAN DIVISIONS II AND III OF THE 2020 SPECIFICATIONS FOR CONSTRUCTION.

3.

SEE RESTORATION PLAN FOR VEGETATION RESTORATION REQUIREMENTS.

4.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MMUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS, LATEST EDITION.

5.

ALL CONSTRUCTION WORK SHALL BE COMPLETED WITHIN TOWNSHIP-APPROVED WORKING HOURS. IF WORK ON WEEKENDS AND/OR HOLIDAYS IS REQUESTED, CONTRACTOR SHALL CONTACT THE TOWNSHIP AND ENGINEER A MINIMUM OF 48 HOURS PRIOR TO AFOREMENTIONED WORK DAY. THE TOWNSHIP SHALL APPROVE/DISAPPROVE THESE REQUESTS AT THEIR DISCRETION.

6.

CONTRACTOR SHALL BE RESPONSIBLE FOR PLOWING SNOW AS NEEDED TO ACCESS BUILDING AND PROJECT SITE. SNOW MANAGEMENT SHALL NOT IMPEDE SURROUNDING PROPERTY'S SITE ACCESS.
- GENERAL UTILITY NOTES
1.

CONTRACTOR SHALL CONTACT 'GOPHER STATE ONE CALL' WITHIN TWO WORKING DAYS PRIOR TO EXCAVATION/CONSTRUCTION FOR UTILITY LOCATIONS. TWIN CITIES METRO AREA: 651-454-0002 OR TOLL-FREE: 1-800-252-1166.

2.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND INVERTS, SHOWN OR NOT SHOWN. ANY DISCREPANCY BETWEEN PLANS AND FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.

3.

ALL UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE COUNTY AND MNDOT SPECIFICATIONS AND REQUIREMENTS.

4.

UTILITY TRENCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698.78 OR AASHTO T-99) FROM THE PIPE ZONE TO WITHIN THREE FEET OF THE GROUND SURFACE AND 100% STANDARD PROCTOR IN THE UPPER THREE FEET. COMPACTION IN GREEN SPACE AREAS SHALL BE AT LEAST 90% STANDARD PROCTOR OR AS DIRECTED BY THE ENGINEER.

5.

THE LOCATION OF UNDERGROUND FACILITIES AND/OR STRUCTURES AS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORD AT THE TIME THE PLANS WERE PREPARED AND ARE NOT GUARANTEED TO BE COMPLETE OR CORRECT. THE SUBSURFACE UTILITY INFORMATION SHOWN IS UTILITY QUALITY LEVEL D, AS DETERMINED USING THE GUIDELINES OF "CII/ASCE 38-02 STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION TO DETERMINE THE EXACT LOCATION OF ALL FACILITIES AND TO PROVIDE ADEQUATE PROTECTION OF SAID UTILITIES DURING THE COURSE OF WORK.

6.

CONTRACTOR SHALL NOTIFY TOWNSHIP 48 HOURS IN ADVANCE OF WORKING WITHIN THE EXISTING RIGHT OF WAY.
- | Item No. | Item | MNDOT Reference # | Unit | Estimated |
|----------|---|-------------------|-------|-----------|
| 1 | Mobilization | 2021.501 | LS | 1 |
| 2 | Clearing and Grubbing | 2101.501 | LS | 1 |
| 3 | Select Topsoil Borrow (80% Sand, 20% Peat Mix) | 2105.527 | CY | 200 |
| 4 | Excavation - Common (4510 CY cut, 215 CY fill) | 2106.507 | CY | 4,510 |
| 5 | Select Granular Borrow - 1" - 1 1/2" Washed Gravel | 2106.507 | CY | 500 |
| 6 | Select Granular Borrow - 1/4" Washed Buckshot | 2106.607 | CY | 445 |
| 7 | Select Granular Borrow - Washed Sand | 2106.607 | CY | 785 |
| 8 | Iron Fillings | 2106.608 | LB | 117,501 |
| 9 | 30 mil PVC Liner | 2108.604 | SY | 2,000 |
| 10 | Concrete Headwall | 2411.502 | EA | 1 |
| 11 | Level Spreader | 2433.501 | LS | 1 |
| 12 | 36" CS Pipe Apron | 2501.502 | EA | 2 |
| 13 | Trash Guard for 36" Pipe Apron | 2501.502 | EA | 2 |
| 14 | 12" CS Pipe Culvert | 2501.503 | LF | 84 |
| 15 | 36" CS Pipe Culvert | 2501.503 | LF | 53 |
| 16 | 6" Perf PVC Pipe Drain | 2502.503 | LF | 163 |
| 17 | Install 6 in. Cleanout | 2503.502 | EA | 3 |
| 18 | Install 10 in. Cleanout | 2503.502 | EA | 2 |
| 18 | 10" Solid PVC Pipe Sewer | 2503.503 | LF | 247 |
| 19 | 6" Knife Gate Valve & Box | 2504.602 | EA | 3 |
| 20 | 10" Knife Gate Valve & Box | 2504.602 | EA | 1 |
| 21 | 10" Rubber Check Valve | 2504.602 | EA | 1 |
| 22 | Construct Drainage Structure Design: 48" Dia Outlet Control Structure | 2506.502 | EA | 1 |
| 23 | Geotextile Filter Type IV | 2511.504 | SY | 500 |
| 24 | Geotextile Filter Type VI | 2511.504 | SY | 400 |
| 25 | Hand-placed Riprap CL. II | 2511.507 | CY | 205 |
| 26 | Hand-placed Riprap CL. I | 2511.507 | CY | 20 |
| 27 | Stabilized Construction Exit | 2573.501 | LS | 1 |
| 28 | Sediment Control Log Type Wood Fiber | 2573.503 | LF | 1,000 |
| 29 | Silt Fence; Type MS | 2573.503 | LF | 840 |
| 30 | Rock Ditch Check | 2573.602 | EA | 2 |
| 31 | Temporary Erosion & Sediment Control Allowance | 2573.601 | ALLOW | 1 |
| 32 | Rolled Erosion Prevention Category 25 | 2575.504 | SY | 910 |
| 33 | Rolled Erosion Prevention Category 35 (DeKoWe 700) | 2575.504 | SY | 760 |
| 34 | Seeding | 2575.505 | ACRE | 1.37 |
| 35 | Hydraulic Bonded Fiber Matrix (3,000 lbs/acre) | 2575.508 | LB | 2,715 |
| 36 | Seed Mixture MnDOT Seed Mix 35-241 (Mesic Prairie General) @36.5 lbs/acre | 2575.508 | LB | 47 |
| 37 | Seed Mixture MnDOT Seed Mix 33-261 (Stormwater South & West) @35 lbs/acre | 2575.508 | LB | 5 |
| 38 | Native Vegetation 3-Year Maintenance | 2575.601 | LS | 1 |
- water ecology community

EMMONS & OLIVIER RESOURCES, INC.

1919 UNIV. AVE. W. • #300 ST. PAUL, MN

TEL: 651.770.8448 WWW.EORINC.COM

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KYLE D. CRAWFORD DATE: 04/10/2025 LICENSE #54906

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----	6	----

DESIGNED BY: KFA

DRAWN BY: KFA

CHECKED BY: KDC

EOR JOB #00758-0180

SWAMP LAKE IRON-ENHANCED SAND FILTER

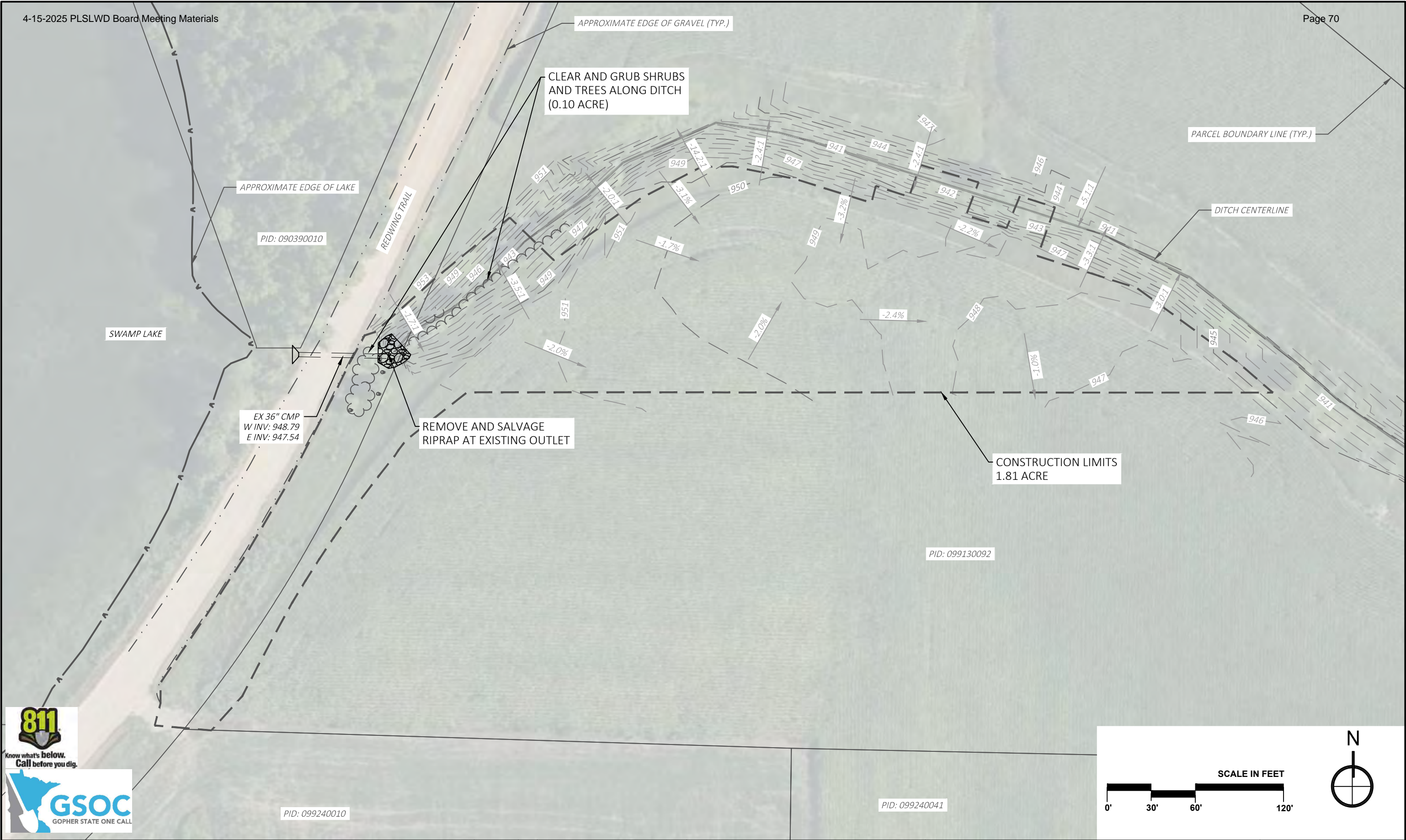
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

NOTES & SEQ SHEET

SHEET 02 OF 15

Plot Date: 04/10/2025
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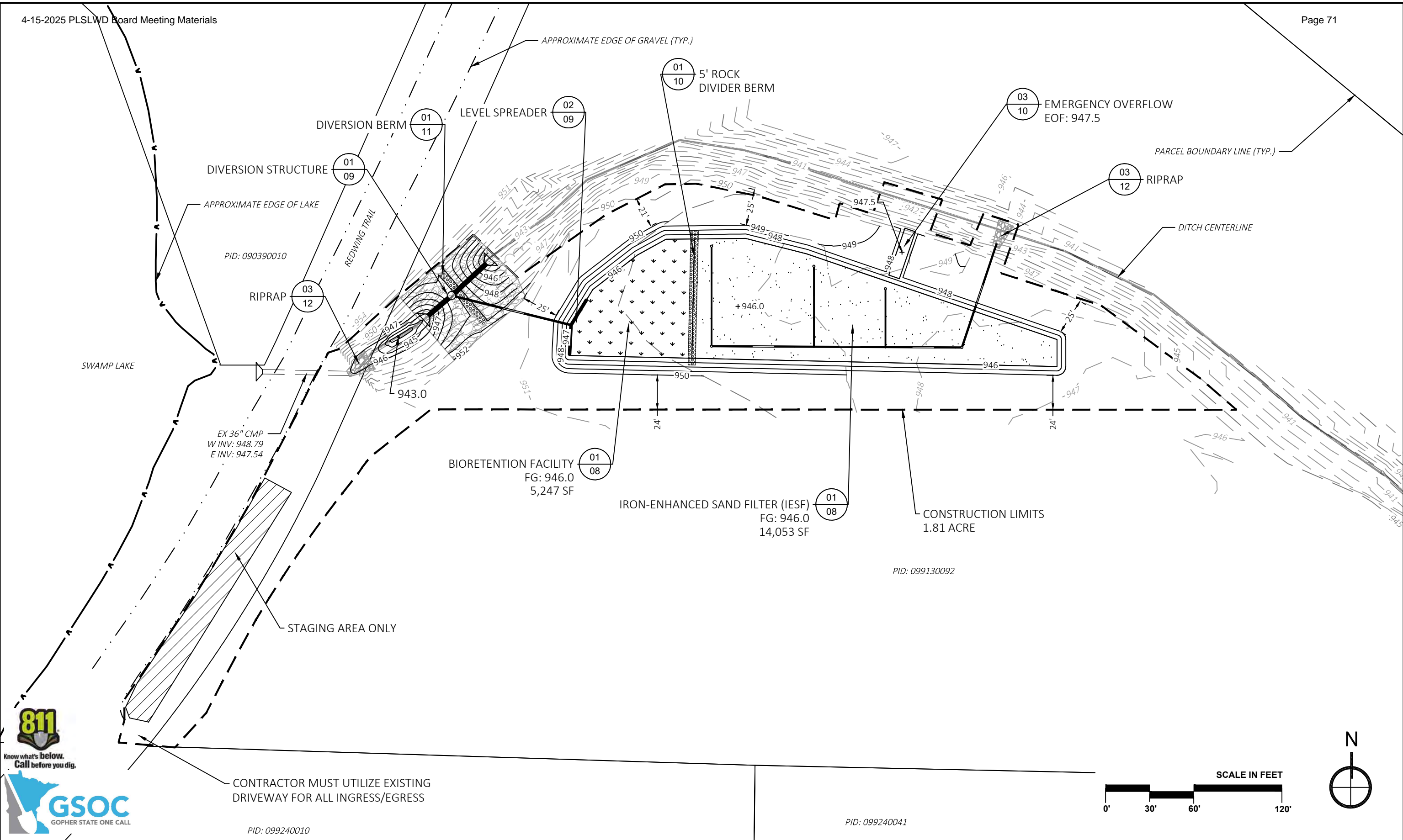
Know what's below.
Call before you dig.



GSOC
GOPHER STATE ONE CALL



<div><div><div>water</div><div>ecology</div><div>community</div></div><div>EMMONS & OLIVIER RESOURCES, INC. 1919 UNIV. AVE. W. - #300 ST. PAUL, MN TEL: 651.770.8448 WWW.EORINC.COM</div></div>	<div>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> <div><div>KYLE D. CRAWFORD</div><div>DATE: 04/10/2025</div><div>LICENSE #54906</div></div>	DATE		NO.	DESCRIPTION	DESIGNED BY: KFA		SWAMP LAKE IRON-ENHANCED SAND FILTER SAND CREEK TOWNSHIP, SCOTT COUNTY, MN		EXISTING CONDITIONS PLAN
		04/10/2025		1	DRAFT BID PLANS	DRAWN BY: KFA				
		----		2	----	CHECKED BY: KDC				
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		5				EOR JOB #00758-0180				
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						PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT		PRIOR LAKE, MN, 55372	SHEET 03 OF 15	



Plot Date: 04/10/2025
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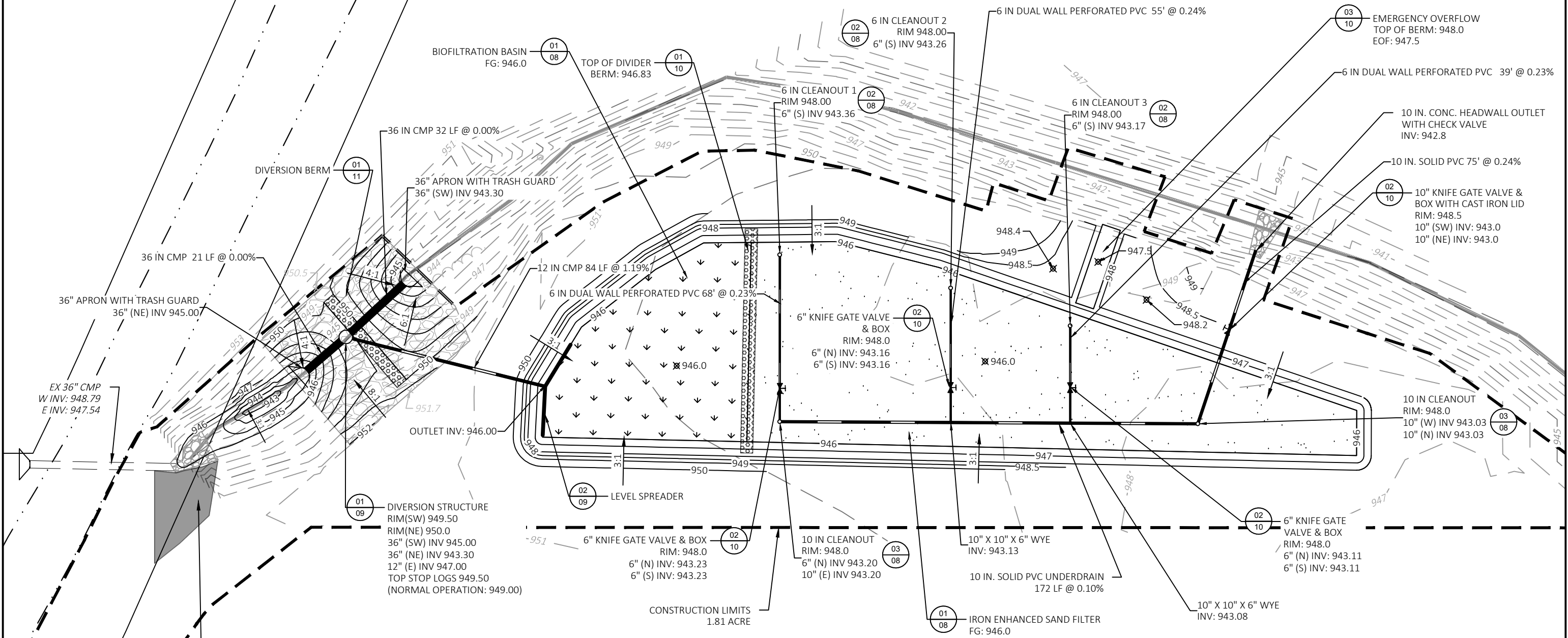
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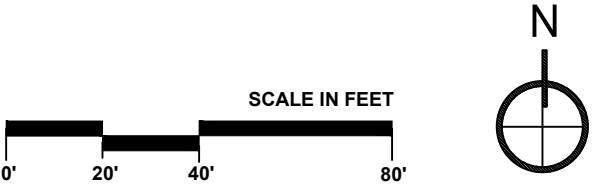


SWAMP LAKE IRON-ENHANCED SAND FILTER
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN
PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

SITE PLAN
SHEET 04 OF 15



- CONTRACTOR SHALL FOLLOW THE PROCEEDING PHASING PLAN, OR PROPOSE AN ALTERNATE PLAN FOR APPROVAL BY THE ENGINEER.
1. INSTALL PROJECT PERIMETER SEDIMENT & EROSION CONTROL.
 2. INSTALL BASIN INFRASTRUCTURE, BERM, DIVERSION STRUCTURE AND PIPING. STOPLOGS WITHIN THE DIVERSION STRUCTURE SHALL NOT BE INSTALLED, SO AS TO ALLOW WATER TO BYPASS THE BASINS AND STAY WITHIN THE DITCH, UNTIL DIRECTED BY ENGINEER OR OWNER.
 3. ROUGH GRADE BIOFILTRATION AND IRON-ENHANCED SAND FILTER BASINS. CONTRACTOR SHALL NOT UTILIZE EQUIPMENT WITHIN THE FOOTPRINT OF THE BIOFILTRATION BASIN. ANY INCIDENTAL COMPACTION SHALL REQUIRE MINIMUM 18" DECOMPACTION AND SCARIFICATION OF THE SOILS, AT THE ENGINEER'S DISCRETION.
 4. IMMEDIATELY FOLLOWING EXCAVATION TO SUBGRADE, CONTRACTOR SHALL INSTALL PERIMETER EROSION & SEDIMENT CONTROL ALONG TOE OF SLOPE TO PROTECT THE BOTTOM OF THE BASIN FROM SEDIMENTATION THROUGH INSTALLATION OF THE BIOFILTRATION MEDIA AND FULL VEGETATION ESTABLISHMENT.
 5. INSTALL IRON-SAND MIXTURE AND MAINTENANCE SAND LAYER. IMMEDIATELY INSTALL PERIMETER EROSION AND SEDIMENT CONTROL AT THE TOE OF THE SLOPE.
 6. INSTALL BIOFILTRATION MEDIA WITHIN BIORETENTION BASIN.
 7. COMPLETE FINAL RESTORATION, SEEDING AND FINAL EROSION & SEDIMENT CONTROL MEASURES.



Plot Date: 04/10/2025
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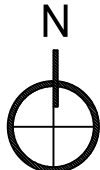


SWAMP LAKE IRON-ENHANCED SAND FILTER
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

GRADING & DRAINAGE
PLAN

SHEET 05 OF 15



APPROXIMATE EDGE OF GRAVEL (TYP.)

PARCEL BOUNDARY LINE (TYP.)

TOP DRESS WITH CLASS I RIPRAP

APPROXIMATE EDGE OF LAKE

PID: 090390010

REDWING TRAIL

DITCH CENTERLINE

SWAMP LAKE

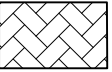

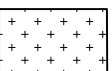
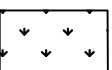
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RESTORE ACCESS DRIVE
WITH CLASS 5

CONSTRUCTION AND MAINTENANCE ACCESS

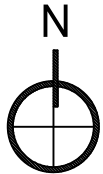
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LEGEND

SYMBOL	CODE	SEED MIX
	S1	35-241: MESIC PRAIRIE GENERAL WITH CAT. 25 ECB (02/12)
	S2	35-241: MESIC PRAIRIE GENERL WITH RECP CAT. 35 (DeKoWe)
	S3	35-241: MESIC PRAIRIE GENERAL WITH HYDRAULIC BONDED FIBER MATRIX
	S4	33-261: STORMWATER SOUTH & WEST

SEEDING SCHEDULE

Symbol	Seed Type	Erosion Control Measures	Seeding Rate (lb/acre)	Total Area (acre)
S1	Mn-DOT 35-241: Mesic Prairie General	Category 25 Erosion Control Blanket	36.5	0.19
S2	Mn-DOT 35-241: Mesic Prairie General	RECP Category 35 (DeKoWe 700)	36.5	0.16
S3	Mn-DOT 35-241: Mesic Prairie General	Hydraulic Bonded Fiber Matrix (at 3,000 lb/ac)	36.5	0.91
S4	Mn-DOT 33-261: Stormwater South&West	-	35	0.12



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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.

KYLE D. CRAWFORD DATE: 04/10/2025 LICENSE #54906

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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DESIGNED BY: KFA

DRAWN BY: KFA

CHECKED BY: KDC

EOR JOB #00758-0180



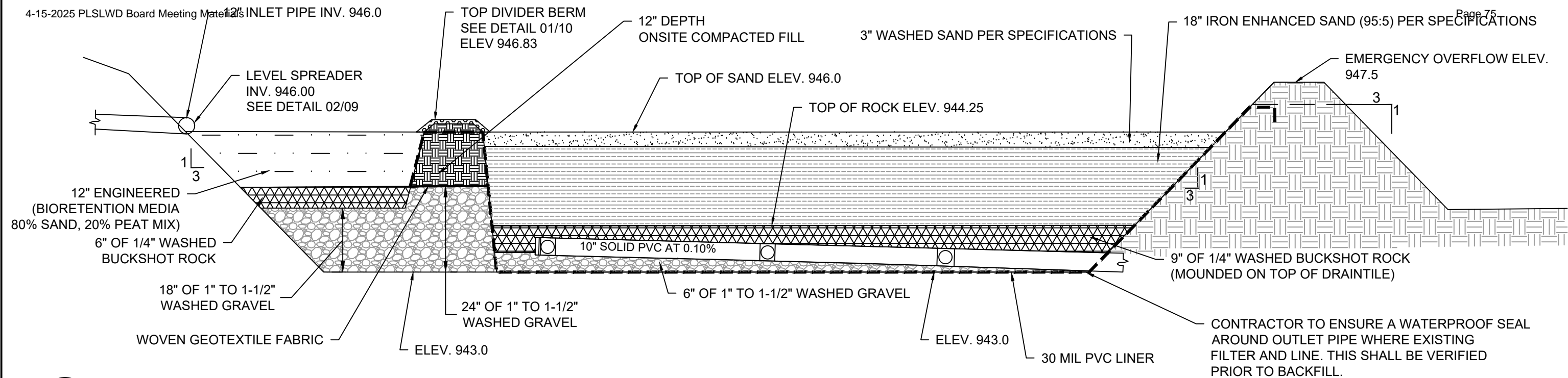
SWAMP LAKE IRON-ENHANCED SAND FILTER
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

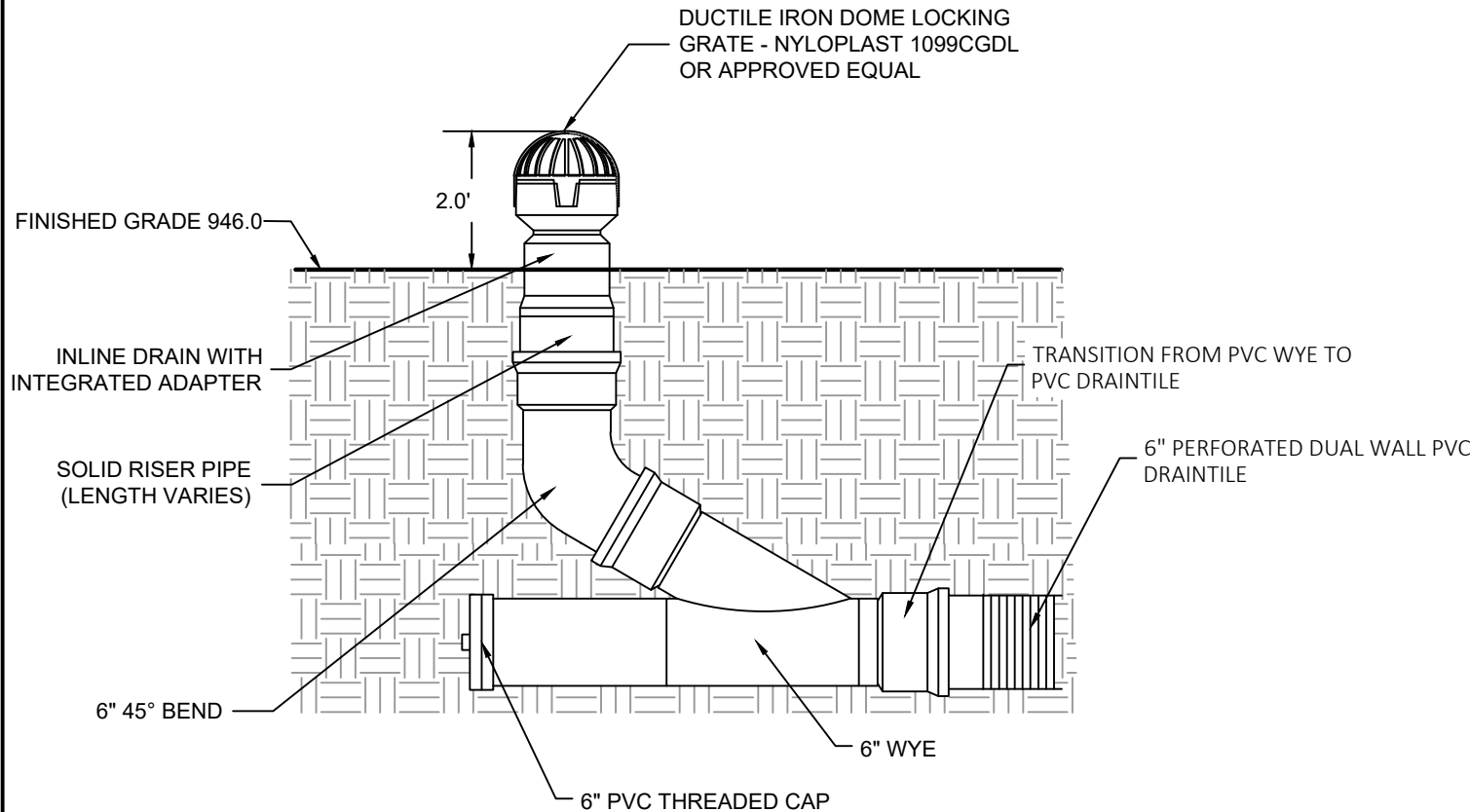
RESTORATION PLAN

SHEET 07 OF 15

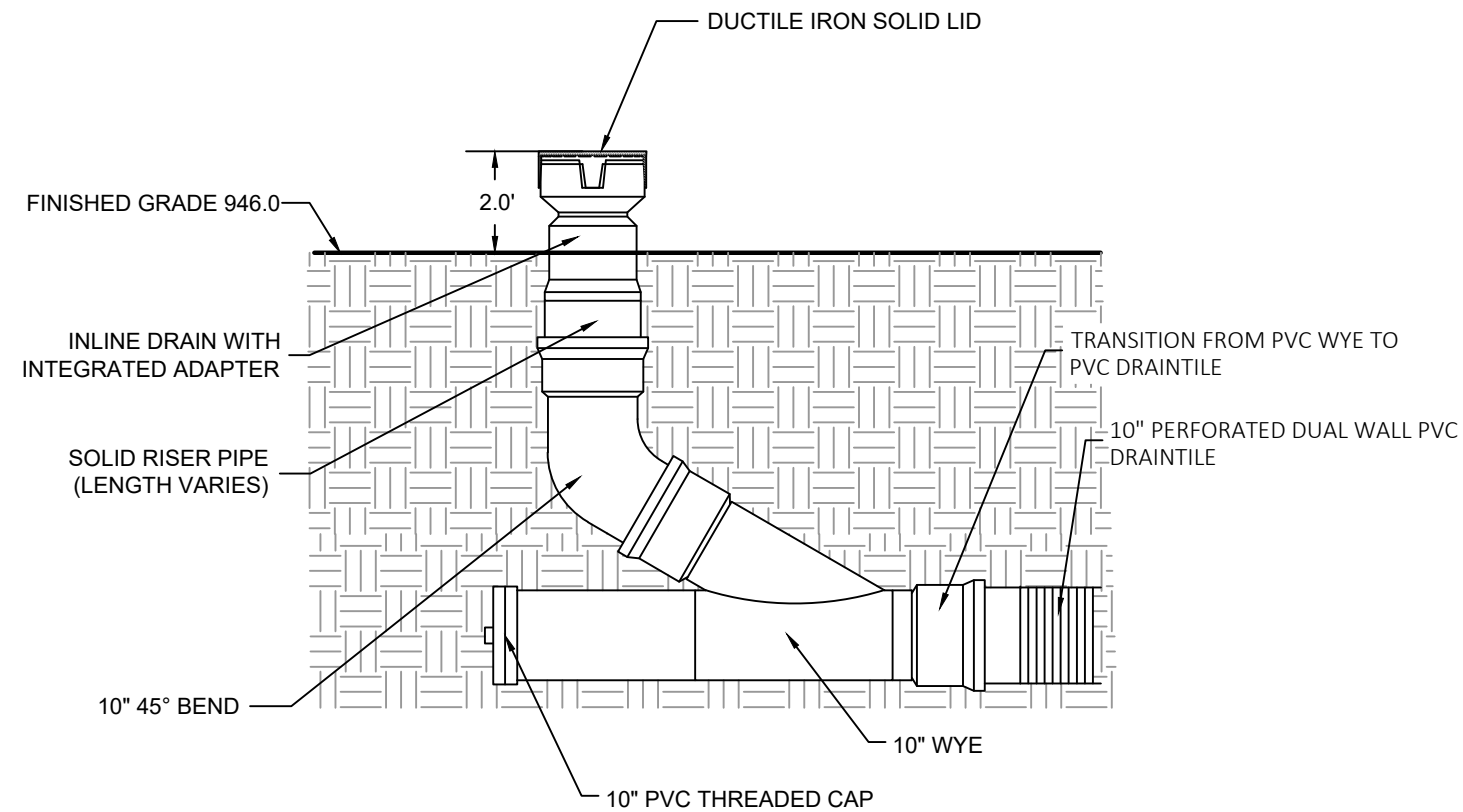
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Xrefs: 4-Excavating Linework_758-0180
Regenerate: 758-0180, images\811, \Images\GSOCLogo_2019, \Images\PLSLWD



01
08 IRON ENHANCED SAND FILTER CROSS SECTION
NOT TO SCALE



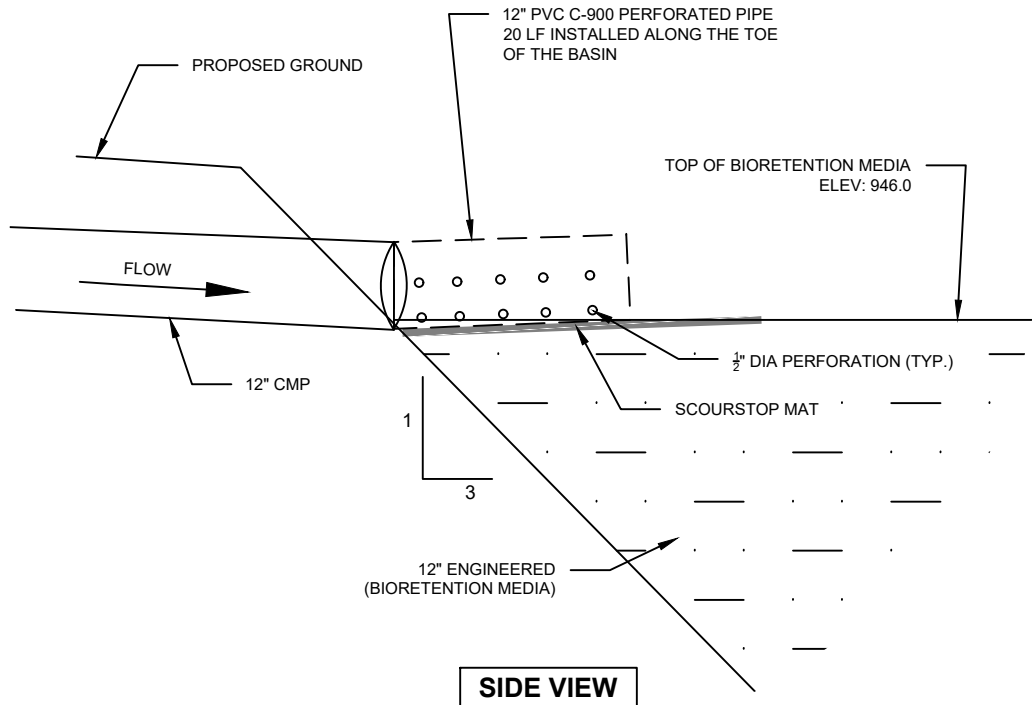
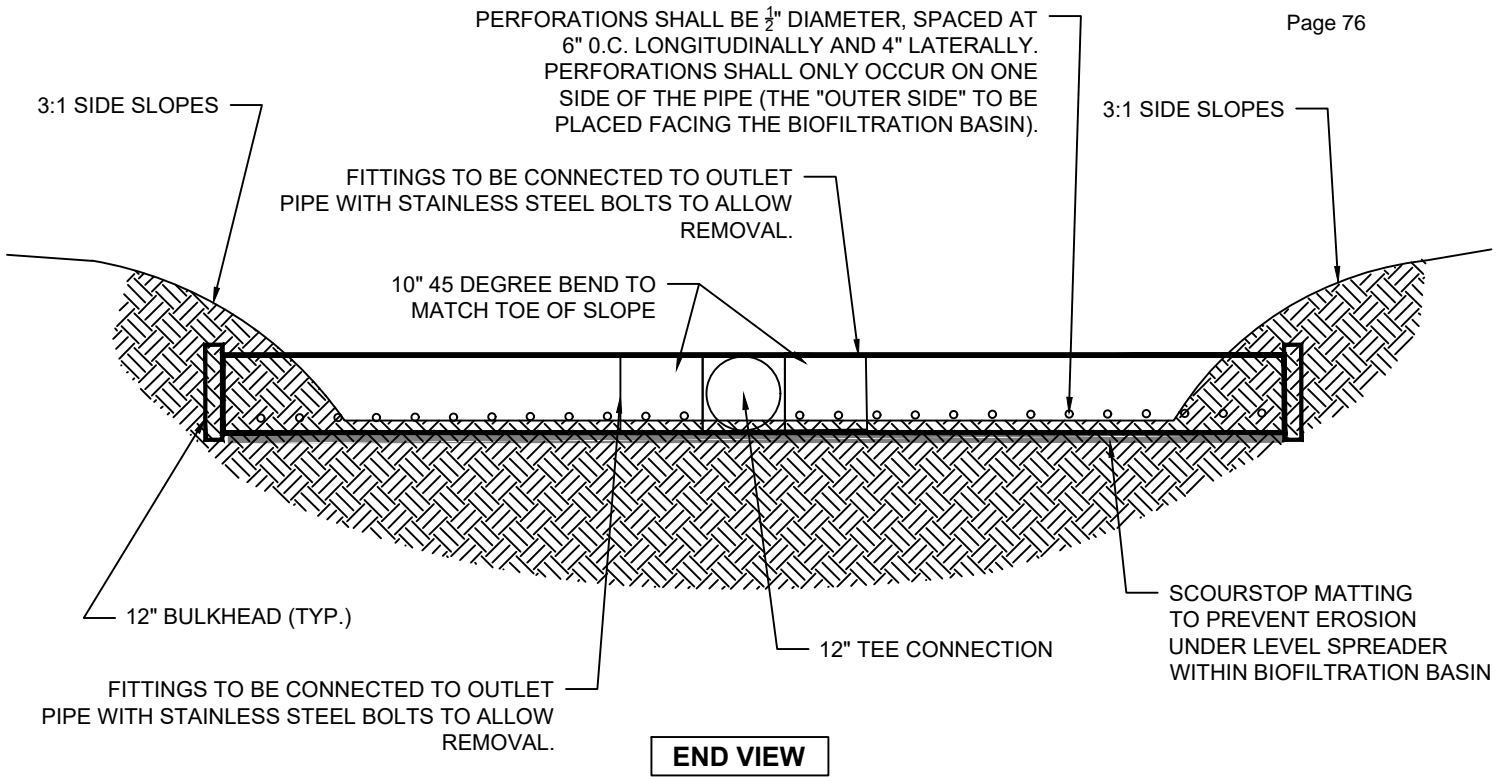
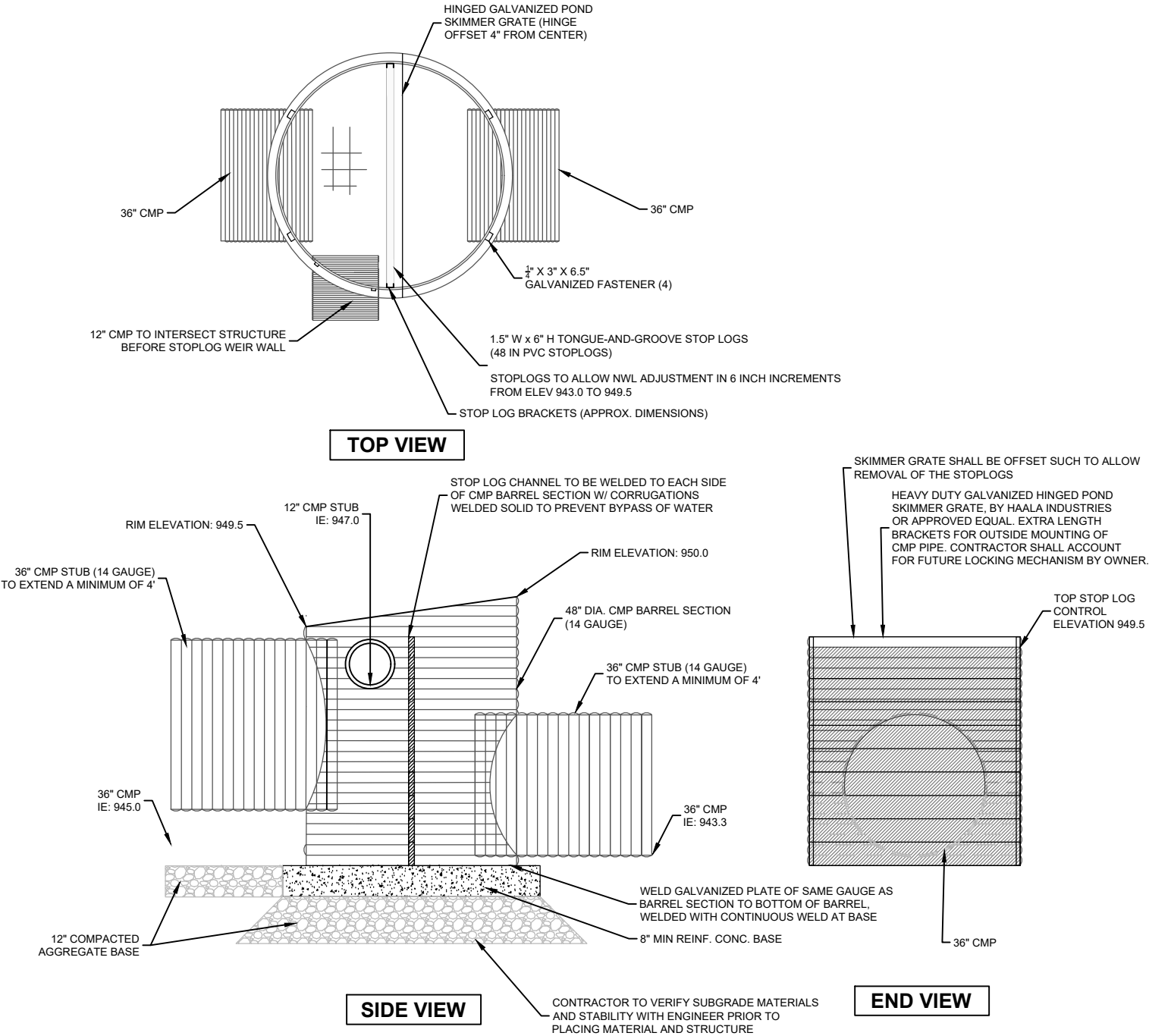
02
08 6" DRAIN TILE CLEANOUT
NOT TO SCALE



03
08 10" DRAIN TILE CLEANOUT
NOT TO SCALE

DATE	NO.	DESCRIPTION
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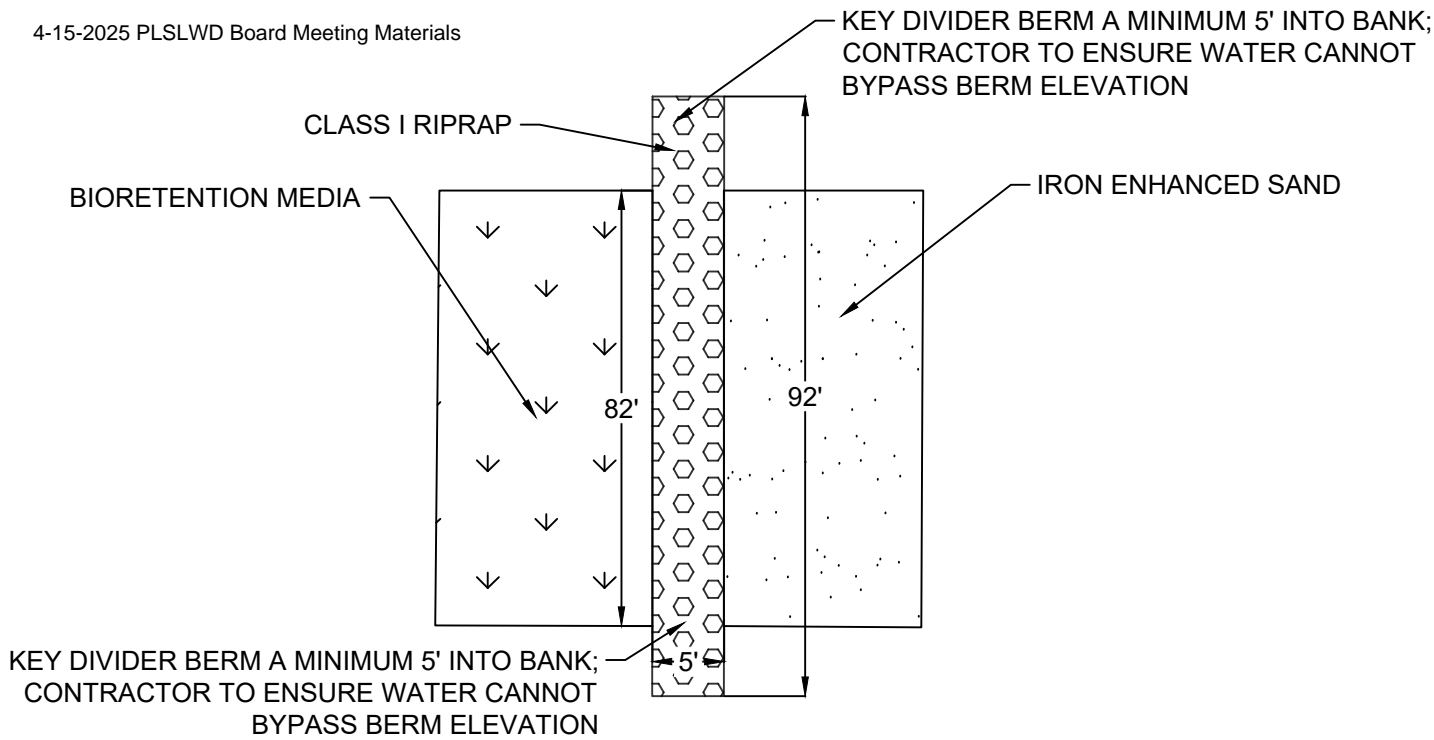


02 LEVEL SPREADER
09 NOT TO SCALE

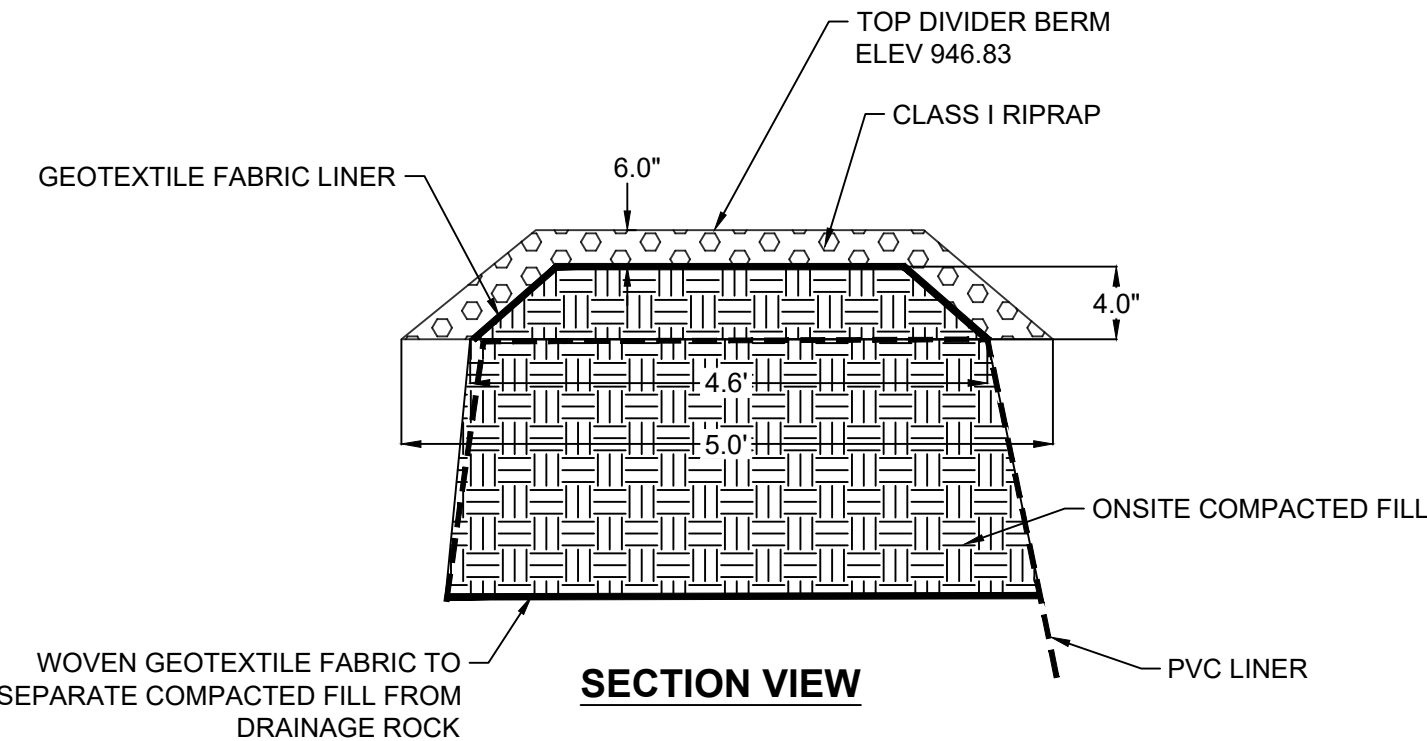
01 DIVERSION STRUCTURE
09 NOT TO SCALE

DATE	NO.	DESCRIPTION
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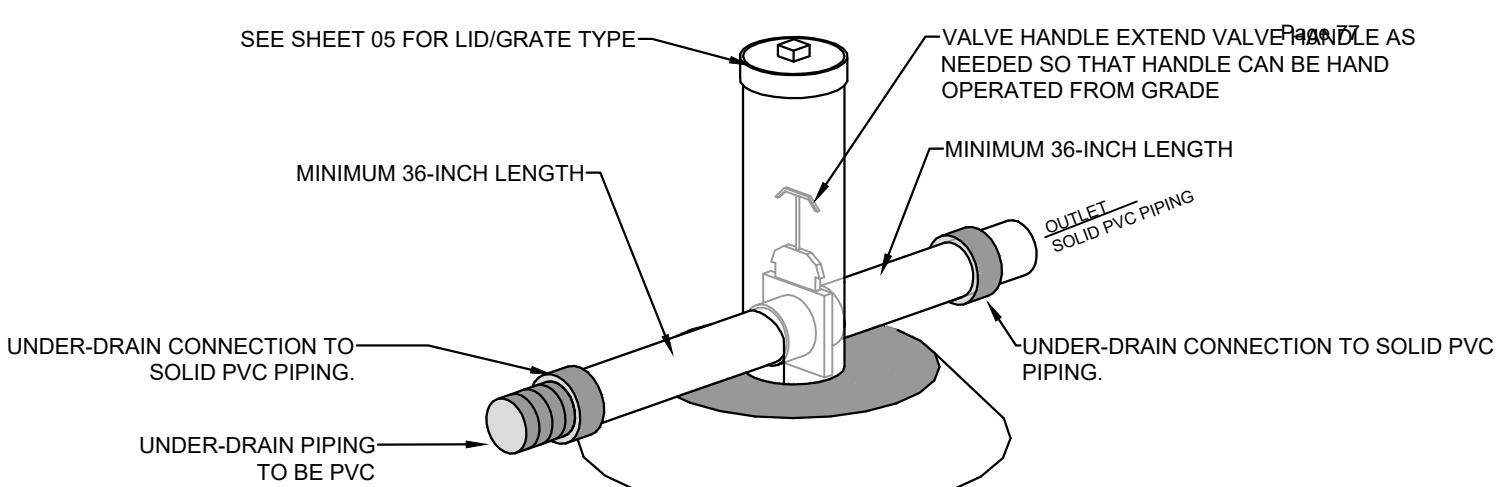


PLAN VIEW



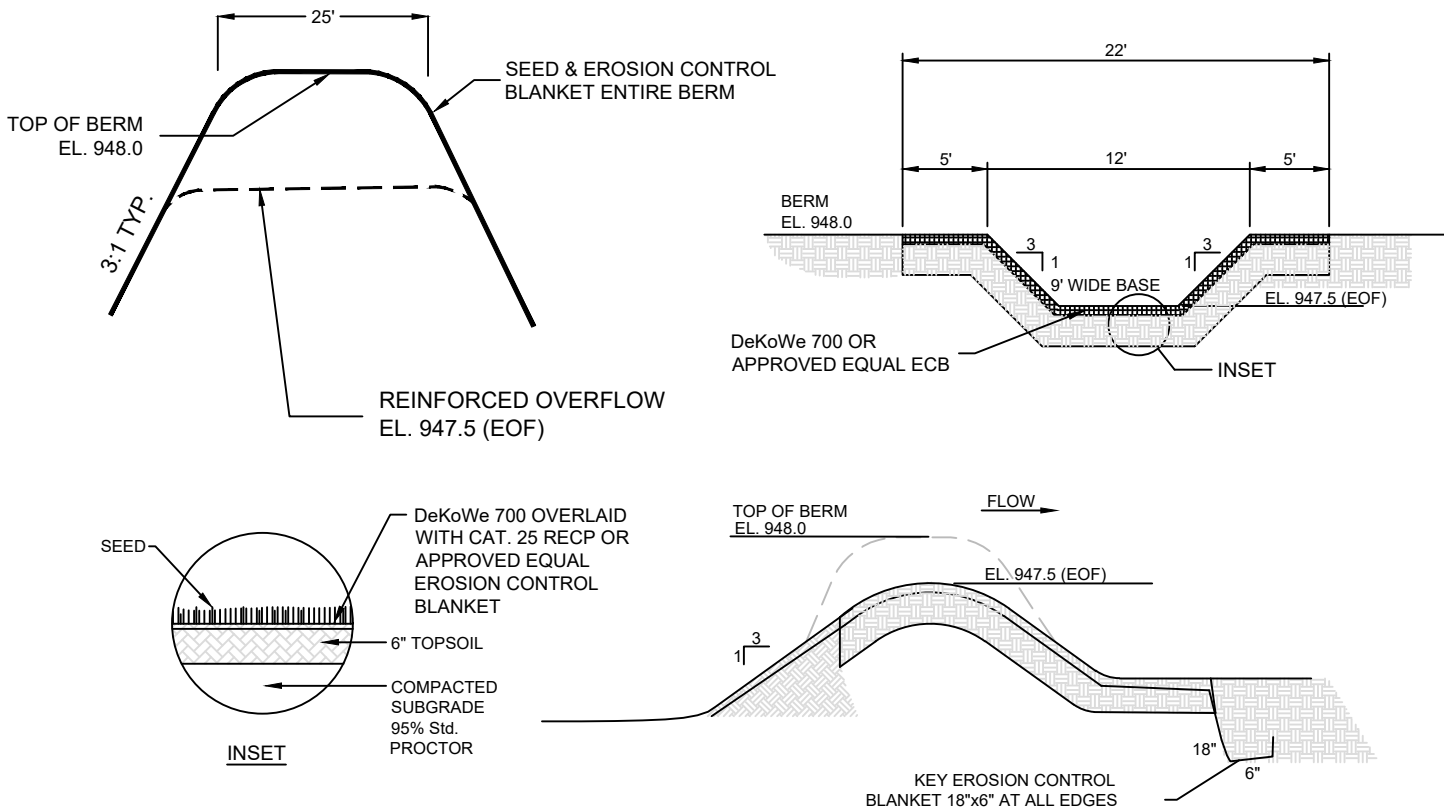
SECTION VIEW

01 DIVIDER BERM
10 NOT TO SCALE



- NOTES:
1. SOLID PIPING AND FITTINGS SHALL BE PVC SCHEDULE 40 UNLESS NOTED OTHERWISE. PIPING DIAMETERS AND ELEVATIONS SHALL BE AS SHOWN ON THE APPROVED PLANS. ALL SOLID PIPE FITTING AND JOINTS SHALL BE SOLVENT WELDED OR HAVE MECHANICAL COUPLER TO PROVIDE WATERTIGHT CONNECTIONS.
 3. UNDER-DRAIN CONNECTION TO SOLID PVC PIPING. USE FERNCO 1070 SERIES FLEXIBLE COUPLING OR GENOVA PVC TO CORRUGATED ADAPTOR (SPIGOT X INSERT) OR APPROVED EQUAL.
 4. THE KNIFE GATE VALVE SHALL BE A VALTERRA GKV PVC SCHEDULE 40 WITH 304 STAINLESS STEEL PADDLE SNA METAL HANDLE OR APPROVED EQUAL. PVC KNIFE GATE VALVE SHALL BE SOLVENT WELDED TO SOLID PVC PIPING. THE VALVE DIAMETER SHALL MATCH THE DIAMETER OF THE UNDER-DRAIN PIPING UNLESS NOTED OTHERWISE.
 5. THE VALVE SHALL BE INSTALLED IN THE FULL OPEN POSITION.

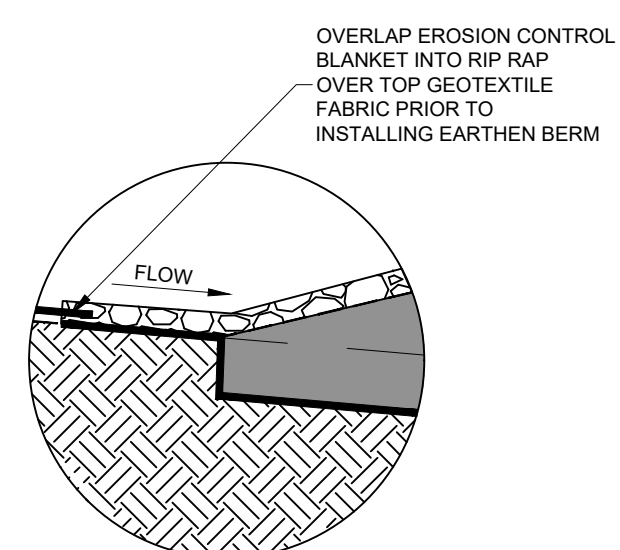
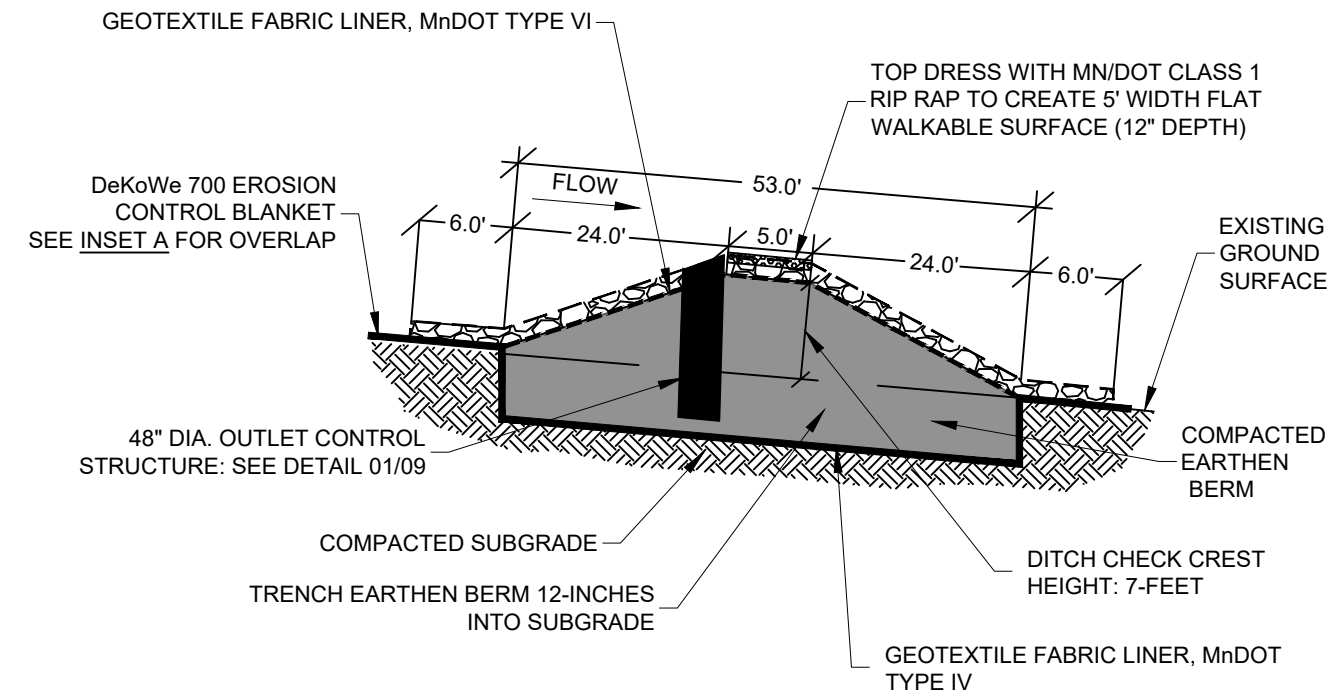
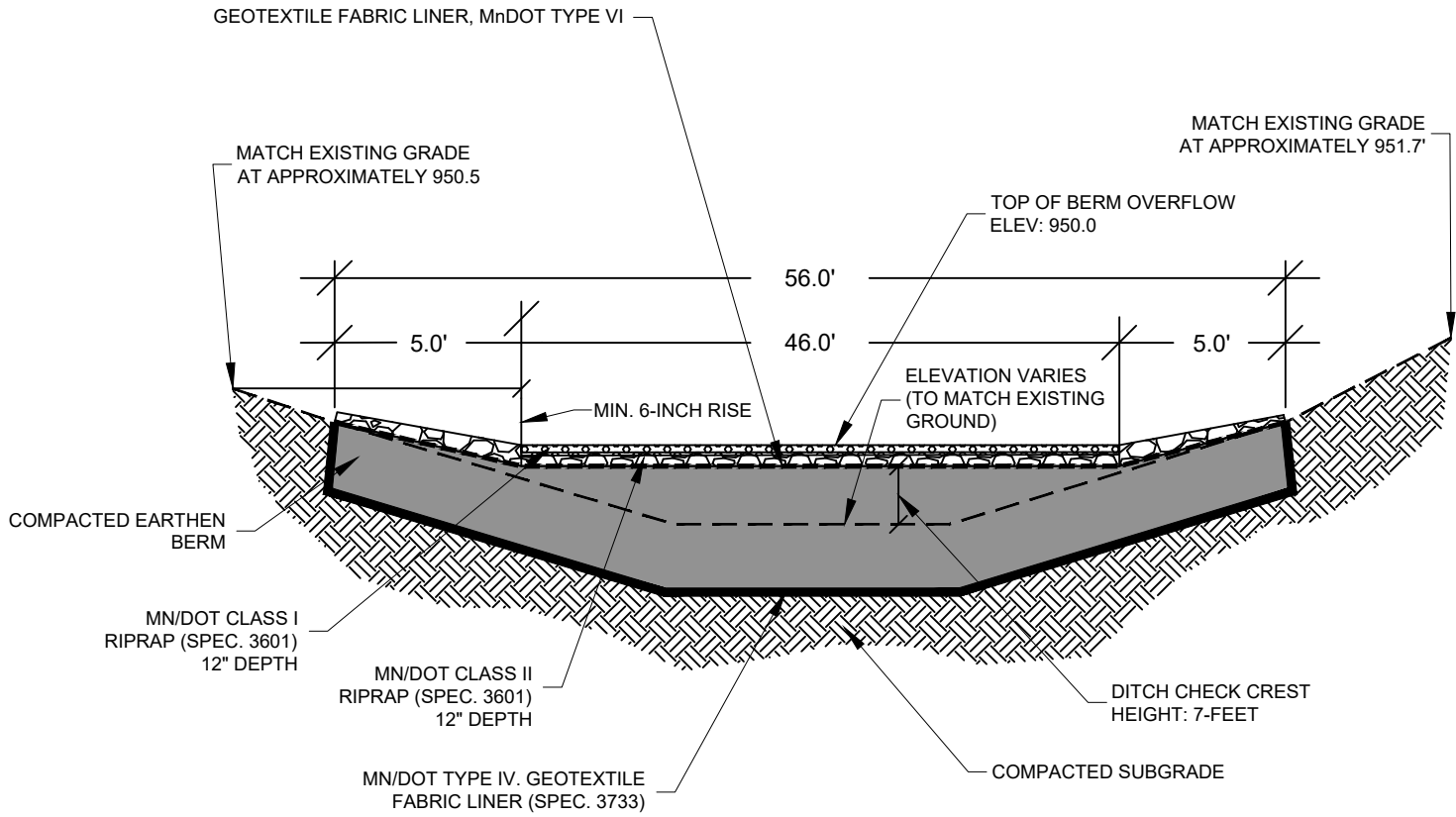
02 KNIFE GATE VALVE
10 NOT TO SCALE



03 STABILIZED EMERGENCY OVERFLOW
10 NOT TO SCALE

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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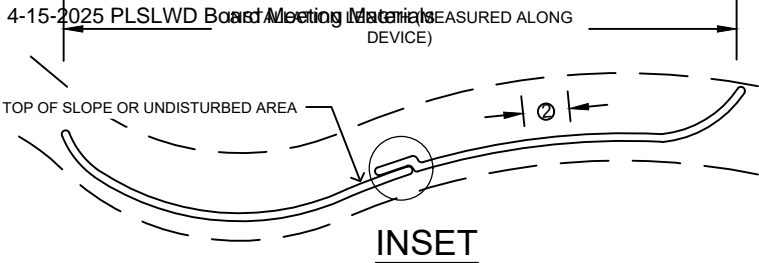
01
11

DIVERSION BERM

NOT TO SCALE

INSET A

Plot Date: 04/10/2025
Drawing Name: X:\Clients_V\000703_PLSLWD\0180_Swamp_Lake_EBP_Design_CMS\09_CMS\09\Sheet\Details_788-180.dwg
User: j.morgan
Title: 11



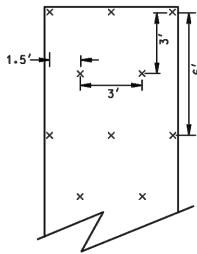
1. SPACE STAKES AS FOLLOWS:
FILTER SOCKS: 2"X2" NOMINAL WOOD STAKES AT 8 FOOT MAXIMUM STAKING.
WOOD EXCELSIOR LOGS: 1"X1" NOMINAL WOOD STAKES AT 8 FOOT MAXIMUM SPACING.
2. INSTALL SLOPE PROTECTION PERPENDICULAR TO SLOPE (PARALLEL TO CONTOURS). OVERLAP JOINTS PER DETAIL 'A'. RUN THE LAST 10 FEET OF EACH DEVICE UP THE SLOPE TO PREVENT FLOW RUNAROUND.
3. STAKES ARE NOT TO PROTRUDE THROUGH LOGS, BUT RATHER PLACED ON THE DOWNSLOPE SIDE AT A 45 DEGREE ANGLE SO AS TO "PINCH" THE LOG TIGHT TO THE GROUND SURFACE

01
12

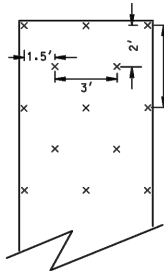
SEDIMENT CONTROL LOG

NOT TO SCALE

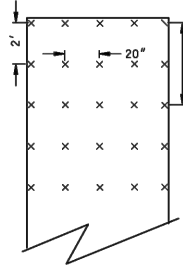
SLOPES FLATTER THAN 1:2
(1.2 STAPLES PER SQ YD)



SLOPES 1:2 TO 1:1
(1.7 STAPLES PER SQ YD)

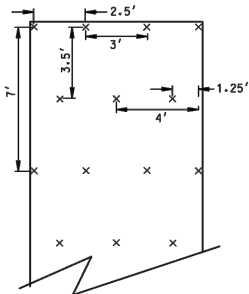


CHANNEL AND DITCH APPLICATIONS
(3.5 STAPLES PER SQ YD)

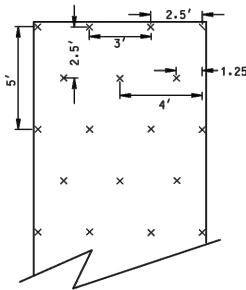


STANDARD 6.5FT BLANKET STAPLING PATTERN

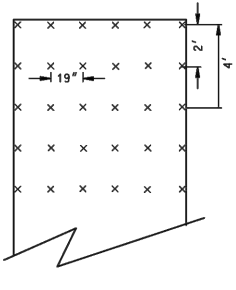
SLOPES FLATTER THAN 1:2
(1.2 STAPLES PER SQ YD)



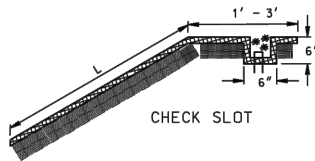
SLOPES 1:2 TO 1:1
(1.7 STAPLES PER SQ YD)



CHANNEL AND DITCH APPLICATIONS
(3.5 STAPLES PER SQ YD)



STANDARD 8FT BLANKET STAPLING PATTERN



CHECK SLOT REQUIREMENTS

1. DIG 6 INCH BY 6 INCH TRENCH.
2. INSERT BLANKET INTO ENTIRE TRENCH PERIMETER.
3. STAPLE BLANKET EVERY 1 FOOT ALONG THE BOTTOM OF THE TRENCH
4. BACKFILL TRENCH WITH SOIL AND COMPACT.

GENERAL BLANKET INSTALLATION REQUIREMENTS

1. BLANKETS SHOULD BE LAID PARALLEL TO THE DIRECTION OF WATER FLOW.
2. OVERLAP ADJACENT STRIP EDGES A MINIMUM OF 4 INCHES.
3. OVERLAP STRIP ENDS A MINIMUM OF 7 INCHES WITH THE UPGRADE END ON TOP OF THE DOWNGRADE END. STAPLE ALONG OVERLAP EVERY 1.5 FEET.
4. THE UPPERMOST BLANKET OF ALL SLOPE APPLICATIONS MUST START IN A CHECK SLOT. IF SLOPE LENGTH (L) IS 100 FT OR GREATER, INSERT BLANKET INTO A CHECK SLOT 1/3 FROM THE BOTTOM OF THE SLOPE.
5. THE BEGINNING OF EACH BLANKET IN ALL DITCH APPLICATIONS MUST START IN A CHECK SLOT.

EROSION CONTROL BLANKET

CERTIFIED BY _____ LICENSE NO. _____ DATE _____

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

02
12

EROSION CONTROL BLANKET

NOT TO SCALE

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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DESIGNED BY: KFA

DRAWN BY: KFA

CHECKED BY: KDC

EOR JOB #00758-0180



SWAMP LAKE IRON-ENHANCED SAND FILTER

SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

DETAILS EROSION AND SEDIMENT CONTROL 1

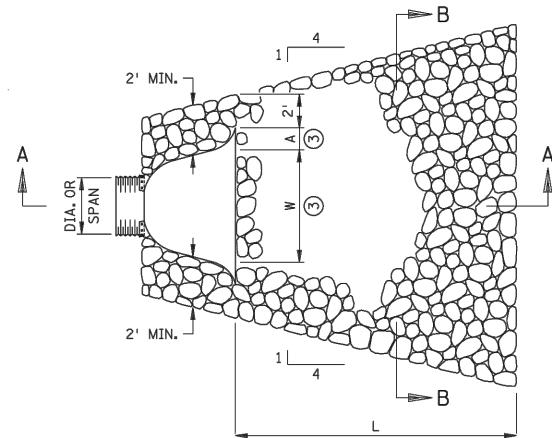
SHEET 12 OF 15

TABLE OF QUANTITIES RIPRAP AT CSP OUTLETS

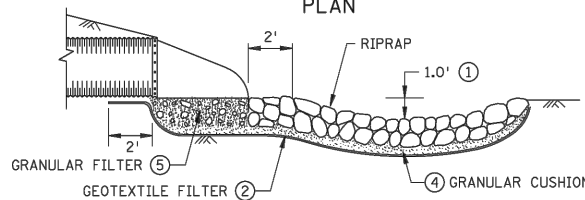
DIA. OF ROUND PIPE (IN.)	L (FT.)	CLASS II d ₅₀ = 6"			CLASS III d ₅₀ = 9"			CLASS IV d ₅₀ = 12"		
		GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	12" DEPTH RIPRAP (CU. YD.)	GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	18" DEPTH RIPRAP (CU. YD.)	GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	24" DEPTH RIPRAP (CU. YD.)
12	8	16.4	0.2	3.0	19.2	0.2	4.5	22.3	0.3	6.0
15	8	17.8	0.2	3.3	20.7	0.3	4.9	23.9	0.4	6.6
18	10	22.9	0.3	4.6	26.2	0.5	6.8	29.7	0.6	9.1
21	10	24.5	0.4	4.9	27.9	0.6	7.3	31.5	0.8	9.7
24	12	30.4	0.5	6.4	34.2	0.8	9.5	38.2	1.0	12.7
30	14	38.9	0.8	8.5	43.2	1.2	12.7	47.7	1.5	16.9
36	16	48.3	1.1	10.8	53.1	1.6	16.2	58.1	2.1	21.6
42	18	58.7	1.5	13.5	64.0	2.2	20.2	69.5	2.9	27.0
48	20	68.5	1.8	16.0	74.2	2.7	24.0	80.1	3.5	32.0

TABLE OF QUANTITIES RIPRAP AT CSP-A OUTLETS

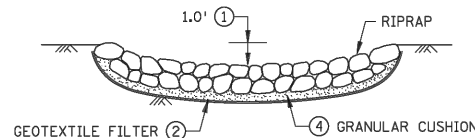
SPAN OF PIPE ARCH (IN.)	L (FT.)	CLASS II d ₅₀ = 6"			CLASS III d ₅₀ = 9"			CLASS IV d ₅₀ = 12"		
		GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	12" DEPTH RIPRAP (CU. YD.)	GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	18" DEPTH RIPRAP (CU. YD.)	GEO-TEXTILE FILTER (SQ. YD.)	FILTER UNDER APRON (CU. YD.)	24" DEPTH RIPRAP (CU. YD.)
17	8	18.7	0.2	3.1	20.1	0.3	4.7	23.2	0.3	6.3
21	10	21.9	0.3	4.5	25.1	0.4	6.7	28.6	0.5	9.0
24	10	23.5	0.3	4.9	26.8	0.5	7.4	30.4	0.6	9.8
28	12	29.2	0.4	6.4	32.9	0.6	9.6	36.8	0.8	12.9
35	14	36.8	0.6	8.5	41.0	0.9	12.8	45.4	1.2	17.1
42	16	46.5	0.9	11.2	51.1	1.3	16.8	56.0	1.7	22.5
49	18	55.5	1.1	13.8	60.6	1.7	20.7	66.0	2.2	27.6
57	20	66.6	1.5	17.0	72.2	2.3	25.5	78.0	3.0	34.0



PLAN



SECTION A-A



SECTION B-B

NOTES:

REQUIREMENTS FOR GEOTEXTILE TYPE, RIPRAP SIZE AND THICKNESS SHALL BE DESIGNATED IN THE PLANS.

PIPE SIZE LARGER THAN THOSE SHOWN REQUIRE A SPECIAL DESIGN.

- ① FOR PIPES GREATER THAN OR EQUAL TO 30", USE 1.5'.
- ② GEOTEXTILE FILTER, SPEC. 3733, SHALL COVER THE BOTTOM AND SIDES OF THE AREA EXCAVATED FOR THE RIPRAP, GRANULAR FILTER MATERIALS.
- ③ DIMENSIONS W AND A ARE GIVEN ON STANDARD PLATES 3122 AND 3123.
- ④ GRANULAR FILTER, SPEC. 3601, MAY BE USED AS A CUSHION LAYER. PLACE FILTER PER SPEC. 2511. THE CUSHION LAYER IS INCIDENTAL.
- ⑤ GRANULAR FILTER OR RIPRAP, SPEC. 3601, TO EXTEND UNDER ENTIRE OPEN PORTION OF PIPE APRON. DEPTH OF MATERIAL UNDER APRON SHALL MATCH RIPRAP DEPTH. WHEN USING RIPRAP INCREASE RIPRAP QUANTITY ACCORDINGLY AND PLACE A 3" LAYER OF 1.5" CRUSHED ROCK UNDER THE APRON TO AID IN GRADING FOR APRON PLACEMENT. CRUSHED ROCK IS INCIDENTAL.

APPROVED DECEMBER 9, 2013

Chaitanya
STATE DESIGN ENGINEER

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION

RIPRAP AT CSP OUTLETS

SPECIFICATION
REFERENCE
3123
3122
3601
3733
2511

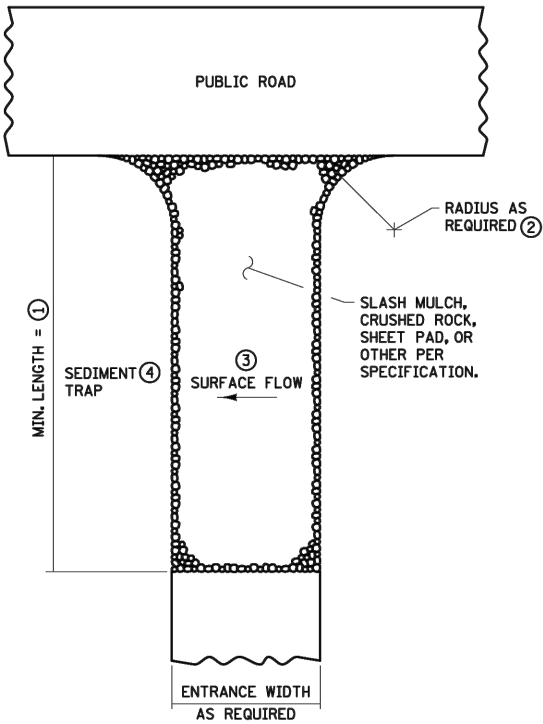
STANDARD
PLATE
NO.

3134D

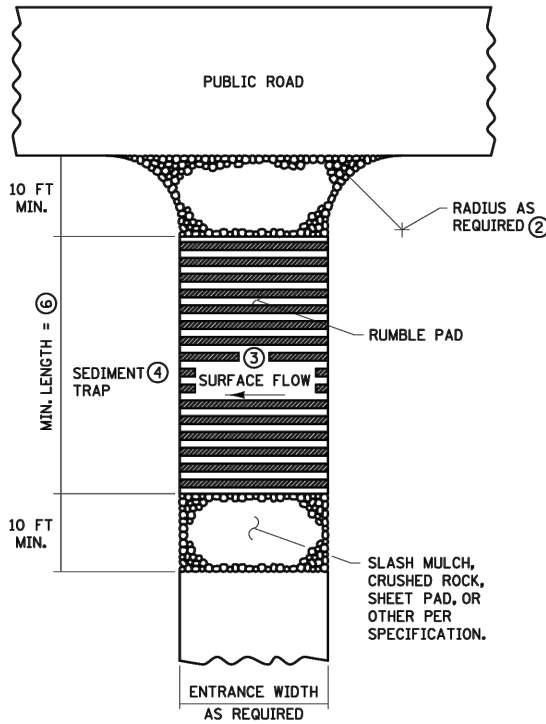
03
12

RIPRAP

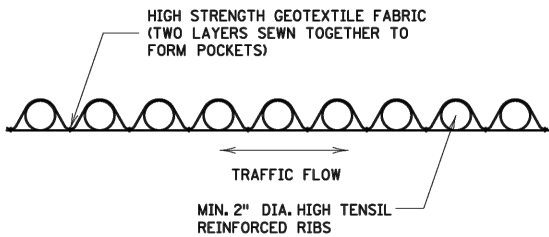
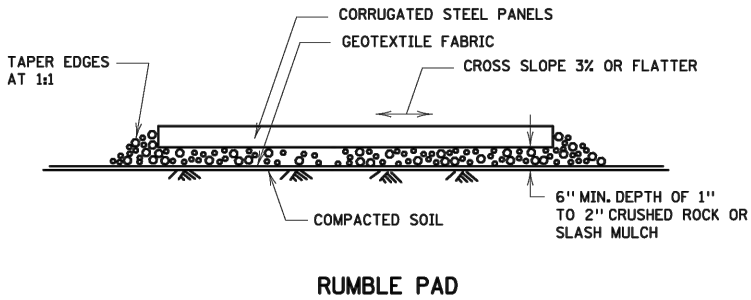
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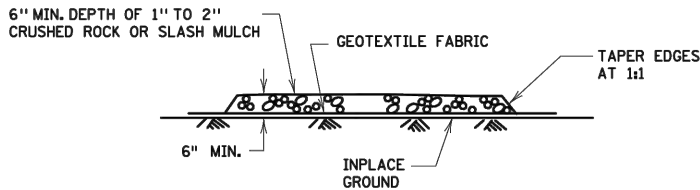
SLASH MULCH, CRUSHED ROCK, OR SHEET PAD CONSTRUCTION EXIT ⑤⑦



RUMBLE PAD CONSTRUCTION EXIT ⑤⑦




SHEET PAD



SLASH MULCH OR CRUSHED ROCK

- NOTES:**
SEE SPECS. 2573 & 3882.
- ① MINIMUM LENGTH SHALL BE THE GREATER OF 50 FEET OR A LENGTH SUFFICIENT TO ALLOW A MINIMUM OF 5 TIRE ROTATIONS ON THE PROVIDED PAD. MINIMUM LENGTH SHALL BE CALCULATED USING THE LARGEST TIRE WHICH WILL BE USED IN TYPICAL OPERATIONS.
 - ② PROVIDE RADIUS OR WIDEN PAD SUFFICIENTLY TO PREVENT VEHICLE TIRES FROM TRACKING OFF OF PAD WHEN LEAVING SITE.
 - ③ IF RUNOFF FROM DISTURBED AREAS FLOWS TOWARD CONSTRUCTION EXITS, PREVENT RUNOFF FROM DRAINING DIRECTLY TO PUBLIC ROAD OVER CONSTRUCTION EXIT BY CROWNING THE EXIT OR SLOPING TO ONE SIDE. IF SURFACE GRADING IS INSUFFICIENT, PROVIDE OTHER MEANS OF INTERCEPTING RUNOFF.
 - ④ IF RUNOFF FROM CONSTRUCTION EXITS WILL DRAIN OFF OF PROJECT SITE, PROVIDE SEDIMENT TRAP WITH STABILIZED OVERFLOW.
 - ⑤ IF A TIRE WASH OFF IS REQUIRED THE CONSTRUCTION EXITS SHALL BE GRADED TO DRAIN THE WASH WATER TO A SEDIMENT TRAP.
 - ⑥ MINIMUM LENGTH OF RUMBLE PAD SHALL BE 20 FEET, OR AS REQUIRED TO REMOVE SEDIMENT FROM TIRES. IF SIGNIFICANT SEDIMENT IS TRACKED FROM THE SITE, THE RUMBLE PAD SHALL BE LENGTHENED OR THE DESIGN MODIFIED TO PROVIDE ADDITIONAL VIBRATION. WASH-OFF LENGTH SHALL BE AS REQUIRED TO EFFECTIVELY REMOVE CONSTRUCTION SEDIMENT FROM VEHICLE TIRES.
 - ⑦ MAINTENANCE OF CONSTRUCTION EXITS SHALL OCCUR WHEN THE EFFECTIVENESS OF SEDIMENT REMOVAL HAS BEEN REDUCED. MAINTENANCE SHALL CONSIST OF REMOVING SEDIMENT AND CLEANING THE MATERIALS OR PLACING ADDITIONAL MATERIAL (SLASH MULCH OR CRUSHED ROCK) OVER SEDIMENT FILLED MATERIAL TO RESTORE EFFECTIVENESS.

LEAD EXPERT OFFICE	LYNN CLARKOWSKI CHIEF ENVIRONMENTAL OFFICER OFFICE OF ENVIRONMENTAL STEWARDSHIP				TEMPORARY SEDIMENT CONTROL STABILIZED CONSTRUCTION EXIT		APPROVED: 02-28-2017 REVISED:	 THOMAS STYRBICKI STATE DESIGN ENGINEER	STANDARD PLAN 5-297.405	5 OF 8
		STANDARD PLAN								
								STATE PROJ. NO.	SHEET NO.	
								TRUNK HWY.	TOTAL SHEETS	

01
13 CONSTRUCTION EXIT
NOT TO SCALE

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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DESIGNED BY: KFA
DRAWN BY: KFA
CHECKED BY: KDC
EOR JOB #00758-0180

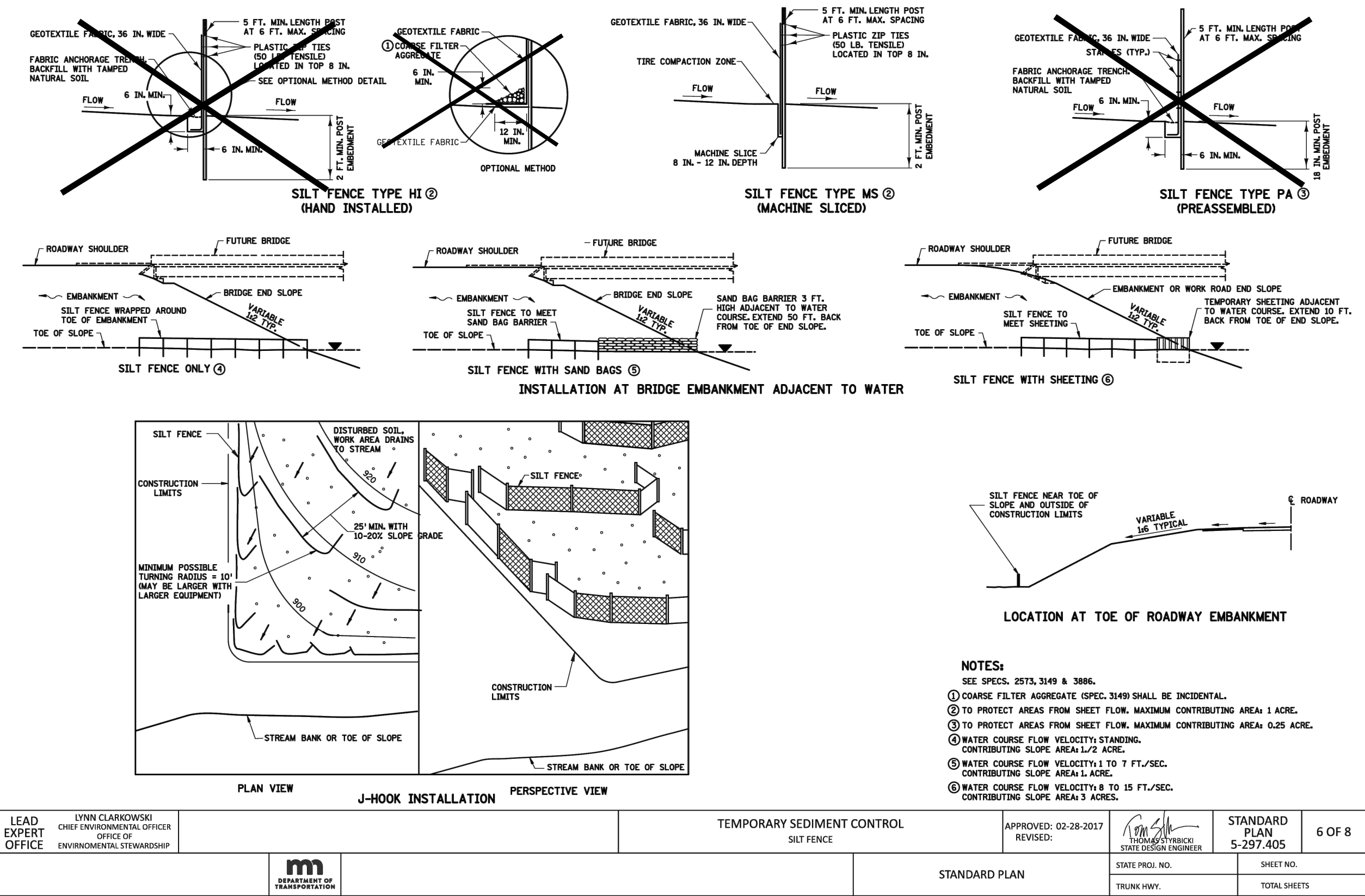


SWAMP LAKE IRON-ENHANCED SAND FILTER
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

DETAILS EROSION
AND SEDIMENT
CONTROL 2

SHEET 13 OF 15



01
14
SILT FENCE
NOT TO SCALE

DATE	NO.	DESCRIPTION
04/10/2025	1	DRAFT BID PLANS
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DESIGNED BY: KFA
DRAWN BY: KFA
CHECKED BY: KDC
EOR JOB #00758-0180

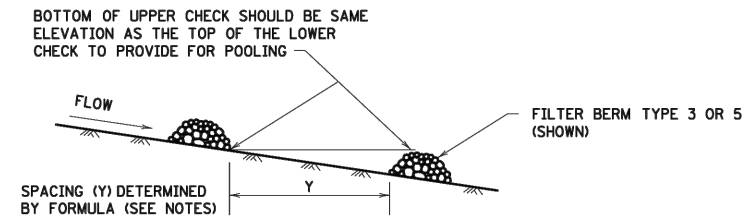


SWAMP LAKE IRON-ENHANCED SAND FILTER
SAND CREEK TOWNSHIP, SCOTT COUNTY, MN

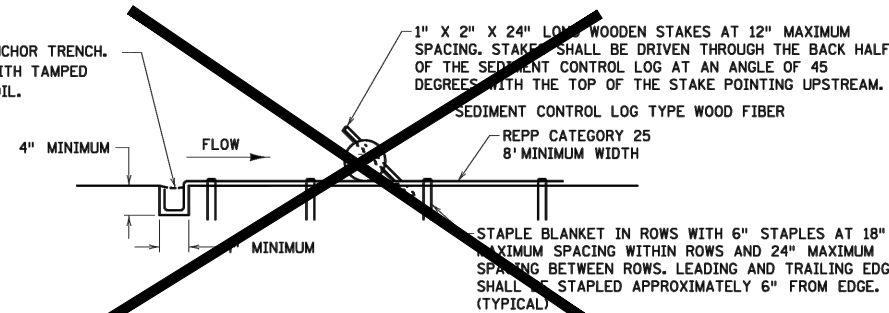
PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT PRIOR LAKE, MN, 55372

DETAILS EROSION
AND SEDIMENT
CONTROL 3

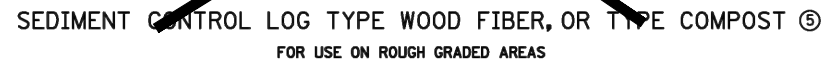
SHEET 14 OF 15



DITCH CHECK SPACING FOR ALL FILTER BERM TYPES



SEDIMENT CONTROL LOG TYPE REPP (BLANKET) SYSTEM ④



⑤ DITCH GRADE 1.5% - 3%, MAX. FLOW VELOCITY 1.5 FT./SEC.

01 ROCK DITCH CHECK

Plot Date: 04/09/2025
Drawing name: X:\Clients_WD\00758_PLSLWD\0180_Swamp_CMS\09_GIMS\dwg\Sheets\Details_758-180.dwg
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Subject | 200th Street Pond Irrevocable Term License

Board Meeting Date | April 15, 2025

Item No: 4.4

Prepared By | Emily Dick

Attachments | Irrevocable Term License

Proposed Action | Motion to approve District Administrator to enter into the irrevocable term license with landowners for the 200th Street Pond project.

Background

The 200th Street Pond Improvement project was identified in the 2023 Fish Lake Management Plan as a potential project to reduce external loads to Fish Lake. The Fish Lake Management Plan has outlined the project concept, which is to excavate nutrient rich sediments that have been historically deposited on the pond bottom.

The Scott SWCD have been working with the landowner to advance design. Upon further project refinement with Scott SWCD, total project costs are expected at \$40,000 (\$8,600 Engineering, \$25,000 excavation, \$6,400 legal and permitting). As a result of the 2024 Watershed Based Implementation Fund convening process, \$30,000 was designated towards the project.

Discussion

The cost of the project, and nature of its finite construction, does not merit a permanent landowner easement. However, to document landowner agreement to construction, legal counsel has drafted the proposed “Irrevocable Term License.”

Recommended Action

Motion to approve District Administrator to enter into the irrevocable term license with landowners for the 200th Street Pond project.

Budget Impact

The cost associated with proposed activity is covered under budget item 550-200th Street Pond Improvement.

IRREVOCABLE TERM LICENSE
Property of Jose Garcia
3150 200th Street East, Prior Lake MN 55372

A. Prior Lake-Spring Lake Watershed District (PLSLWD), a political subdivision of the State of Minnesota with powers and purposes set forth at Minnesota Statutes chapters 103B and 103D, wishes to excavate sediments from two wetland basins located on the above property, for water quality and other water resource purposes (the "Project"). Jose Garcia ("Owner") wishes to support this work both for its public benefits and as it may support the use and value of the property.

B. Owner hereby grants this license for PLSLWD to perform the Project. PLSLWD is investing in the Project and entering into a construction contract in reliance on the rights provided here. Accordingly, Owner may not withdraw the license before December 31, 2026.

TERMS

1. Attachment A to this license identifies the areas of sediment removal, Project staging area, and the access route to the Project. PLSLWD may operate vehicles and equipment in proximity to the basins in order to excavate spoils and engage in site restoration and revegetation activities. PLSLWD may stage vehicles, equipment and material within the area delineated as staging area, and may enter and exit the Project area by means of the access route.
2. Before work begins, PLSLWD and Owner will confer and establish limits for site disturbance and PLSLWD operations. The limits will be sufficient for PLSLWD to perform excavation and spoils removal operations without unnecessary cost. Owner may adjust the access route provided it remains reasonably convenient to PLSLWD. PLSLWD will not park vehicles, or place equipment or materials, within the access route.
3. PLSLWD may temporarily place excavated spoils within the staging area. PLSLWD will remove all spoils from the site, unless the parties in writing agree to dispose of the spoils, or a part thereof, on the property.
4. When the work is complete, PLSLWD will level any rutting and otherwise repair ground disturbance; seed disturbed area with grass mix and the basins with wetland native mix; and implement measures to stabilize soils prior to ground cover. PLSLWD is not thereafter responsible for vegetation establishment. However, until the license terminates, PLSLWD may return to place additional seed and otherwise perform site restoration work.

Jose Garcia

Date:

PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT

Joni Giese, Administrator

Date:

Attachment A

Wetland Restoration

Prepared for: PLSL Watershed District
 Prepared by: A. Porupsky
 Date: March 2025

Station Locations



2024 Photo

Legend

- Sediment Removal with 4:1 Side Slopes
- Cross Sections (Station Location)
- Stations
- Access Route
- Staging Area

Spring Lake Township
 T114N R22W S22

1 inch equals 125 feet

125 62.5 0 125 Feet



PLSLWD Board Staff Report

April 9, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**

Subject 	Spring Lake West Iron-Enhanced Sand Filter Project Ordering		
Board Meeting Date 	April 15, 2025	Item No:	4.5
Prepared By 	Danielle Studer		
Attachments 	a) Resolution 25-395: Ordering the Spring Lake West Iron-Enhanced Sand Filter Project b) Spring Lake West Subwatershed BMP Feasibility Study (available via the following link 4.5L FINAL Spring Lake West Feasibility Study_04282022.pdf) c) Updated Preliminary IESF Alternatives and Estimates of Cost		
Proposed Action 	Motion to adopt Resolution 25-395: Ordering the Spring Lake West Iron-Enhanced Sand Filter Project		

Background

The Spring Lake West Subwatershed contributes high nutrient loads to Spring Lake. In 2022, a feasibility study for this subwatershed identified an iron-enhanced sand filter as a preferred option toward Spring Lake's nutrient reduction goals (Attachment b). This project would remove 207 pounds of phosphorus each year—or 7% of the Spring Lake nutrient reduction goal. A Spring Lake West Subwatershed Project was also identified as an implementation action in the adopted 2020 Water Resources Management Plan and was selected by the Board as a priority project for water quality in January 2024.

Discussion

The purpose of the agenda item is for the Board to complete the necessary project ordering of the Spring Lake West Iron-Enhanced Sand Filter (Project) to comply with statutory procedures for capital projects. The District is in the process of working with landowners to secure land through easement or ownership for the purpose of access and use of the project area for implementation, operations and maintenance of the Project. Project ordering will allow these agreements to move forward. Staff have also worked with the District Engineer to identify updated project locations and estimates to those identified in the feasibility study, to reflect the current needs of the District and landowners (Attachment c). Attachment C represents preliminary concepts and should not be considered 30% design.

Recommended Action

Staff recommend the Board motions to adopt Resolution 25-395: Ordering the Spring Lake West Iron-Enhanced Sand Filter Project.

Budget Impact

The District 2025 budget includes \$307,800 for 626-Capital Project Planning. That, along with District budget reserves and long-term financing could be utilized for the purposes of easement or purchase. Once an easement is obtained, the District will seek grant funds to support the implementation of the project.



Resolution 25-395

Ordering the Spring Lake West Iron-Enhance Sand Filter Project

Motion By: _____ **Second By:** _____

WHEREAS, the District has adopted a watershed management plan (WMP) in accordance with Minnesota Statutes §103B.231, which in Capital Improvement Program, Project 8, identified the need for a water quality best management practice, such as iron-enhanced sand filtration, to reduce nutrient loading from the Spring Lake West subwatershed to Spring Lake (hereafter the “Project”); AND

WHEREAS, the Project will construct an iron-enhanced sand filter; AND

WHEREAS, the Project is estimated to cost \$1,100,000 based on District Engineer estimates at a feasibility stage and landowner discussion, encompassing all costs for Project land acquisition and construction; AND

WHEREAS, the Board has approved a feasibility study for the Project, the District engineer finds that the Project is feasible, and staff find the Project to be a cost-effective element of meeting the District’s water quality goals set forth in the WMP; AND

WHEREAS, after publication once each week for two successive weeks in the District’s legal newspaper, in accordance with Minnesota Statutes §103B.251, the Board of Managers held a public hearing on April 15, 2025, at which time all interested parties had the opportunity to speak for and against the Project; AND

WHEREAS, the Board has considered the engineer’s findings and the comments of interested parties and finds that the Project is feasible and cost-effective, will be conducive to public health and promote the general welfare, and is in conformance with Minnesota Statutes §103B.205 to 103B.255 and the WMP.

THEREFORE, BE IT RESOLVED, that the Project is ordered.

The question was called on the adoption of the Resolution and there were ___ yeas and ___ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Abstain</u>	<u>Absent</u>
Boyles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Burnett	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loney	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morkeberg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tofanelli	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

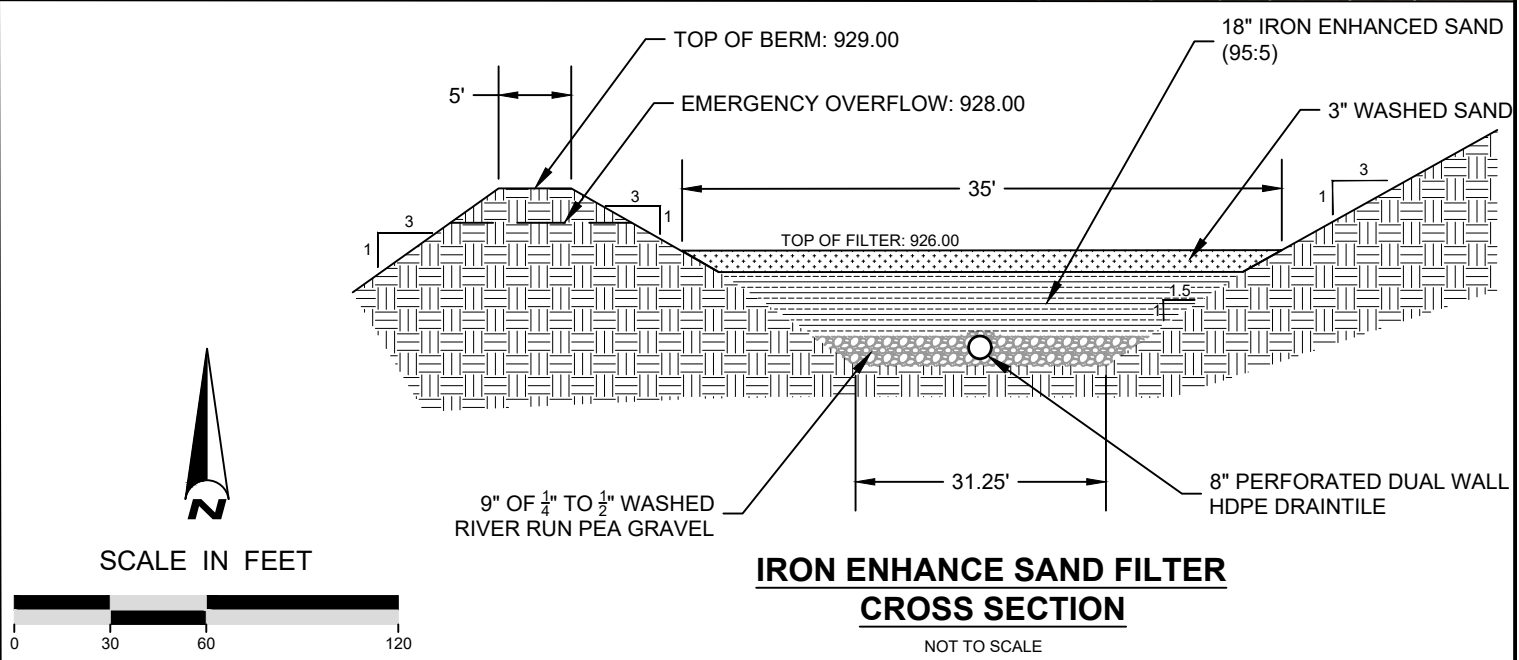
Upon vote, the chair declared the resolution adopted.

It is hereby certified that the Board of the Prior Lake-Spring Lake Watershed District adopted this Resolution at a duly convened meeting of the Board held on the 15th day of April 2025, and that such Resolution is in full force and effect on this date, and that such Resolution has not been modified, amended, or rescinded since its adoption.

Ben Burnett, Secretary

Dated: April 15, 2025

Res. 25-395
April 2025



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NO	DATE	BY	REVISION

DRAFT

SUBMISSION DATE: 04/08/2025	
DESIGN BY DEM	DRAWN BY DEM
EOR PROJECT NO. 0758-0124	

EOR
water
ecology
community

**Emmons & Olivier
Resources, Inc.**
1919 University Ave W,
Suite 300, St Paul, MN 55104
Tele: 651.770.8448
www.eorinc.com



SPRING LAKE WEST SUBSHED FEASIBILITY STUDY JORDAN, SCOTT COUNTY, MINNESOTA

STATE PROJECT NO. —
CITY PROJECT NO. —

HYLLAND IESF OPTION 1
SHEET 01 OF 03 SHEETS

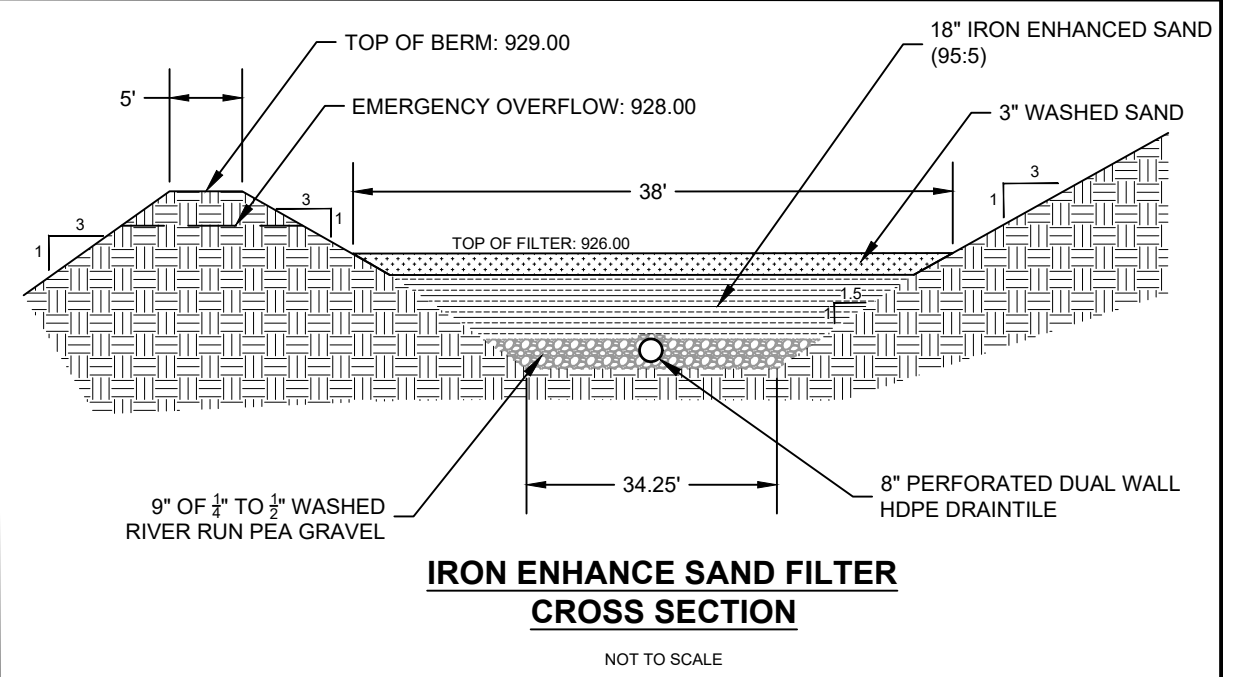
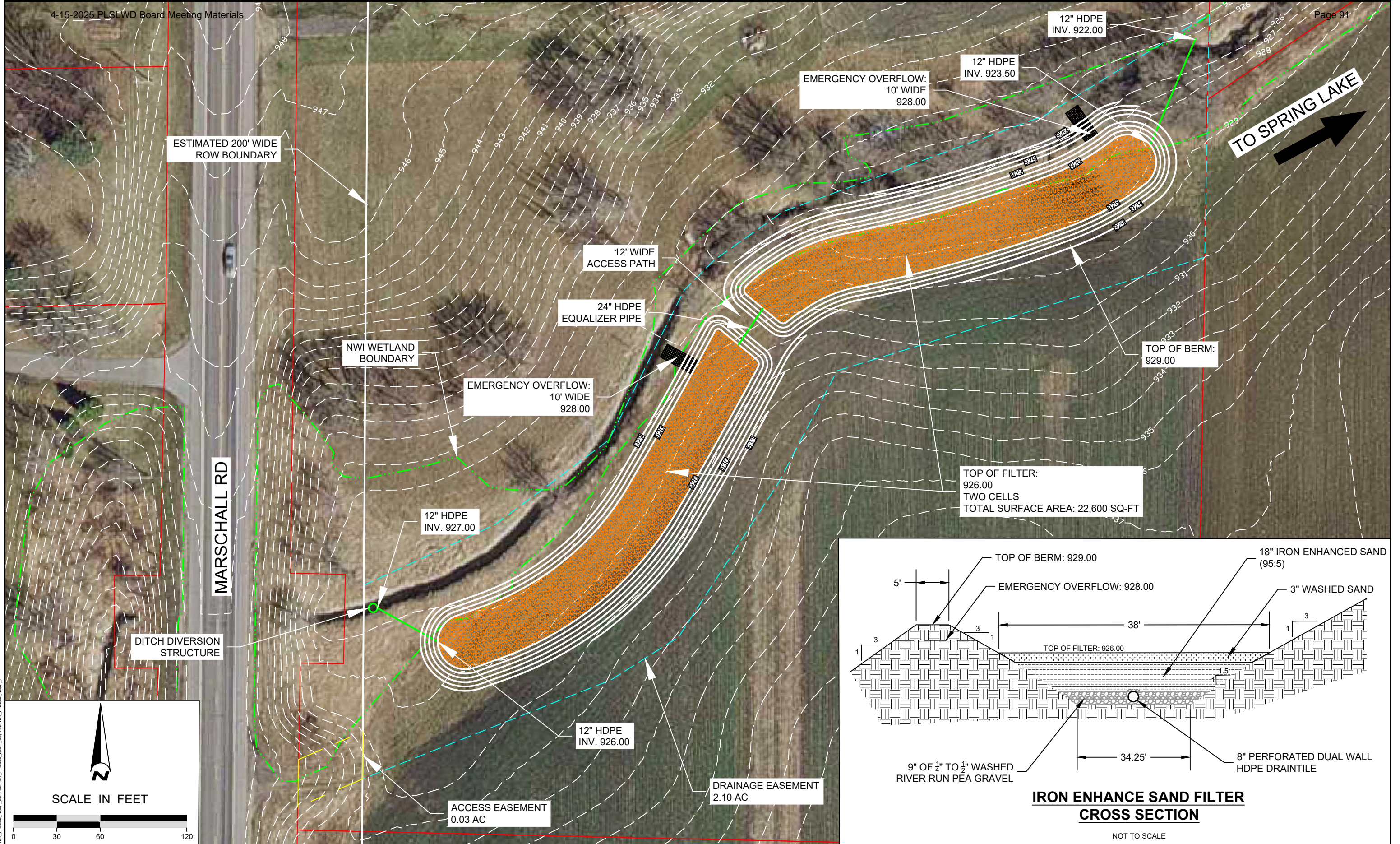
ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 1 - Hylland**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

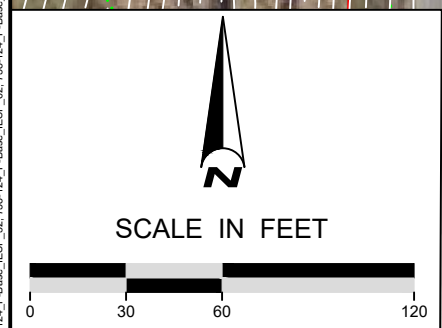
REVISED: Tuesday, April 8, 2025

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 50,000.00	\$ 50,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	5450	CY	\$ 20.00	\$ 109,000.00
4	12" HDPE STORM SEWER	100	LF	\$ 50.00	\$ 5,000.00
5	8" PERFORATED PVC DRAINTILE	700	LF	\$ 40.00	\$ 28,000.00
6	24" HDPE STORM SEWER	30	LF	\$ 75.00	\$ 2,250.00
7	DIVERSION STRUCTURE	1	EA	\$ 12,000.00	\$ 12,000.00
8	TURF REINFORCEMENT MAT	60	SY	\$ 45.00	\$ 2,700.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	490	CY	\$ 65.00	\$ 31,850.00
10	SELECT GRANULAR BORROW - WASHED SAND	1270	CY	\$ 45.00	\$ 57,150.00
11	IRON FILINGS	167450	LB	\$ 1.00	\$ 167,450.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
CONSTRUCTION SUBTOTAL:					\$ 530,400.00
		25%	CONSTRUCTION CONTINGENCY		\$ 132,600.00
CONSTRUCTION TOTAL					\$ 663,000.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 688,000.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(103,200.00)	\$ 584,800.00
		25%	\$	172,000.00	\$ 860,000.00



**IRON ENHANCE SAND FILTER
CROSS SECTION**

NOT TO SCALE



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NO	DATE	BY	REVISION

DRAFT

SUBMISSION DATE:
04/08/2025

DESIGN BY
DEM

EOR PROJECT NO.
0758-0124

DRAWN BY
DEM

Emmons & Olivier
Resources, Inc.
1919 University Ave W,
Suite 300, St Paul, MN 55104
Tele: 651.770.8448
www.eorinc.com

SPRING LAKE WEST SUBSHED
FEASIBILITY STUDY
JORDAN, SCOTT COUNTY, MINNESOTA

STATE PROJECT NO. ---CITY PROJECT NO. ---

HYLLAND IESF
OPTION 2

SHEET 02 OF 03 SHEETS

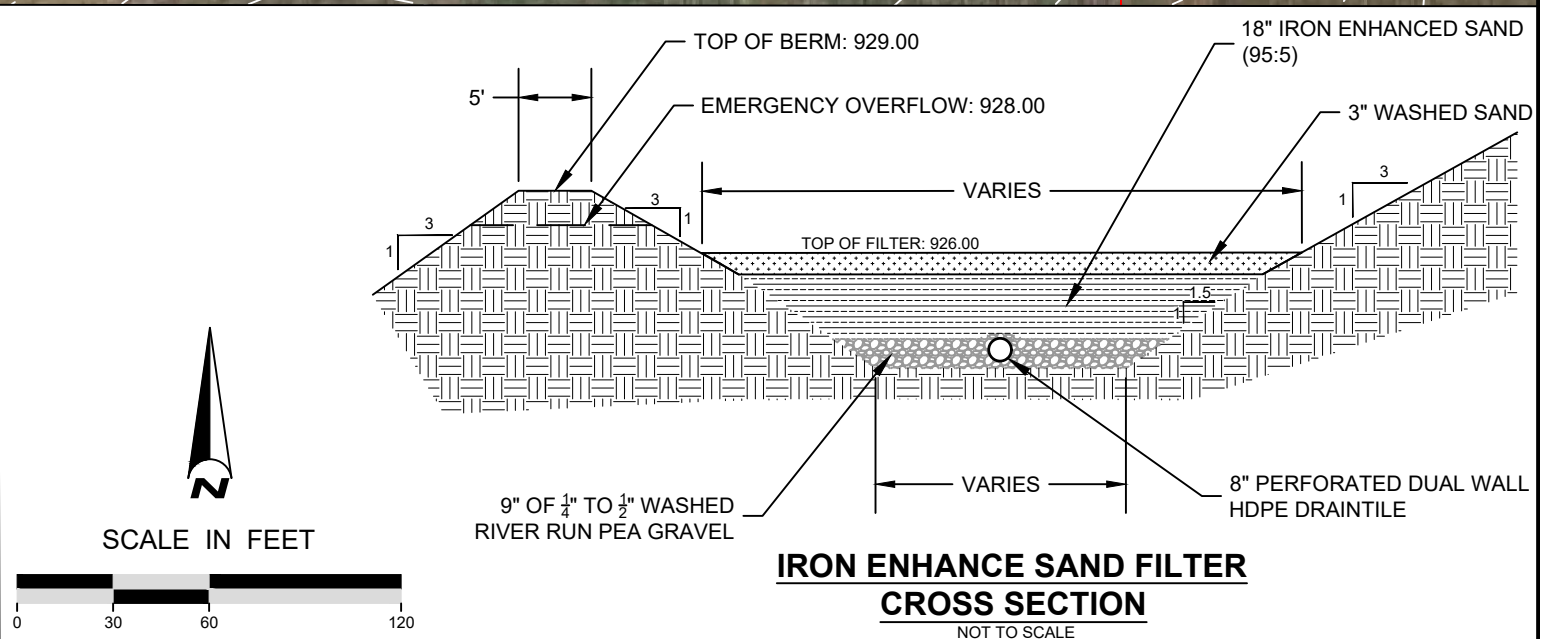
ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 2 - Hylland**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, April 8, 2025

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 50,000.00	\$ 50,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	5550	CY	\$ 20.00	\$ 111,000.00
4	12" HDPE STORM SEWER	130	LF	\$ 50.00	\$ 6,500.00
5	8" PERFORATED PVC DRAINTILE	650	LF	\$ 40.00	\$ 26,000.00
6	24" HDPE STORM SEWER	30	LF	\$ 75.00	\$ 2,250.00
7	DIVERSION STRUCTURE	1	EA	\$ 12,000.00	\$ 12,000.00
8	TURF REINFORCEMENT MAT	60	SY	\$ 45.00	\$ 2,700.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	490	CY	\$ 65.00	\$ 31,850.00
10	SELECT GRANULAR BORROW - WASHED SAND	1270	CY	\$ 45.00	\$ 57,150.00
11	IRON FILINGS	167450	LB	\$ 1.00	\$ 167,450.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
CONSTRUCTION SUBTOTAL:					\$ 531,900.00
		25%	CONSTRUCTION CONTINGENCY		\$ 132,975.00
CONSTRUCTION TOTAL					\$ 664,875.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 689,875.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(103,481.25)	\$ 586,393.75
		25%	\$	172,468.75	\$ 862,343.75



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NO	DATE	BY	REVISION

SUBMISSION DATE: 04/08/2025			Emmons & Olivier Resources, Inc. 1919 University Ave W, Suite 300, St Paul, MN 55104 Tel: 651.770.8448 www.eorinc.com
DESIGN BY DEM	DRAWN BY DEM		
EOR PROJECT NO. 0758-0124			



SPRING LAKE WEST SUBSHED FEASIBILITY STUDY JORDAN, SCOTT COUNTY, MINNESOTA

STATE PROJECT NO. ---	CITY PROJECT NO. ---
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HYLLAND IESF OPTION 3
SHEET 03 OF 03 SHEETS

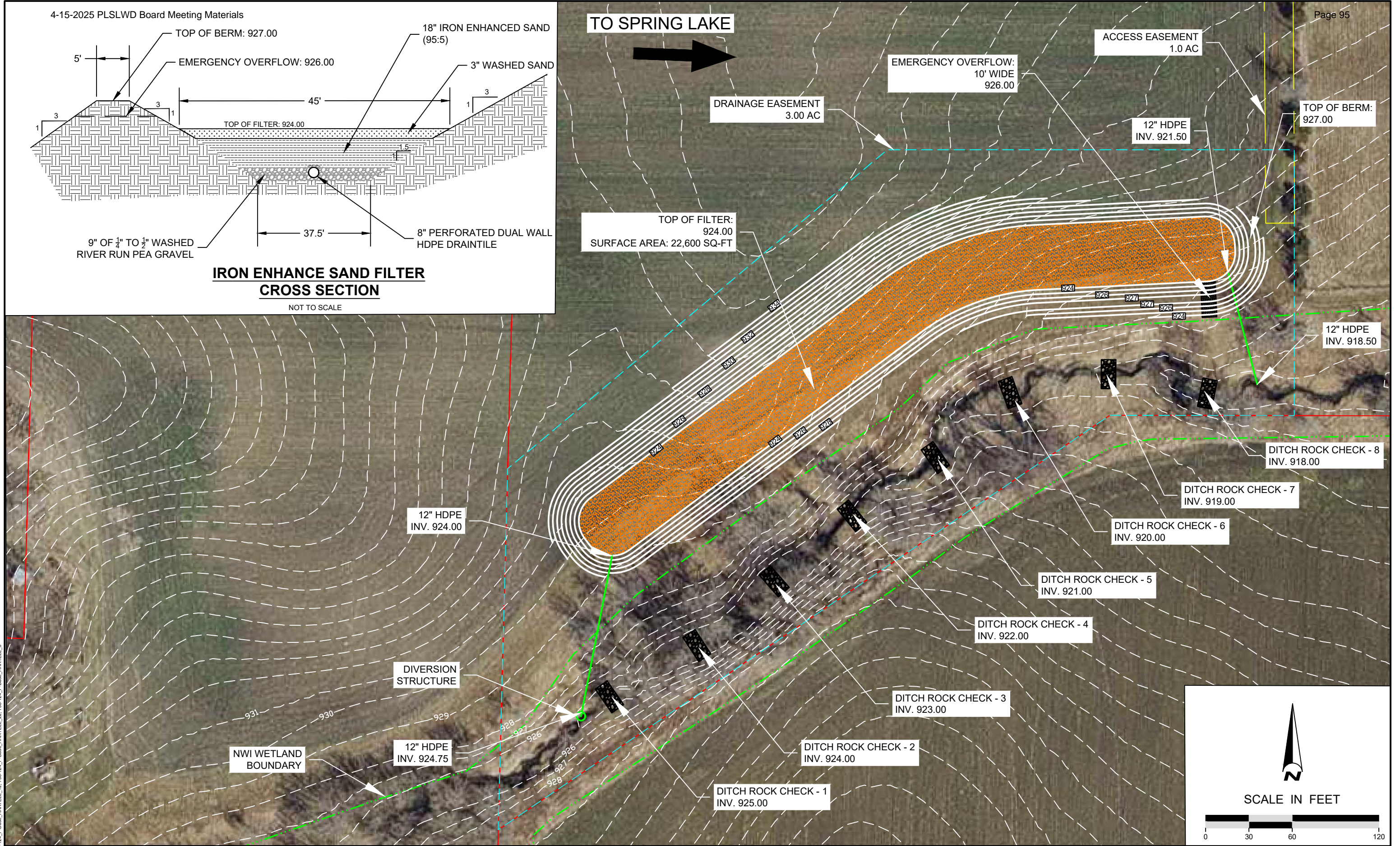
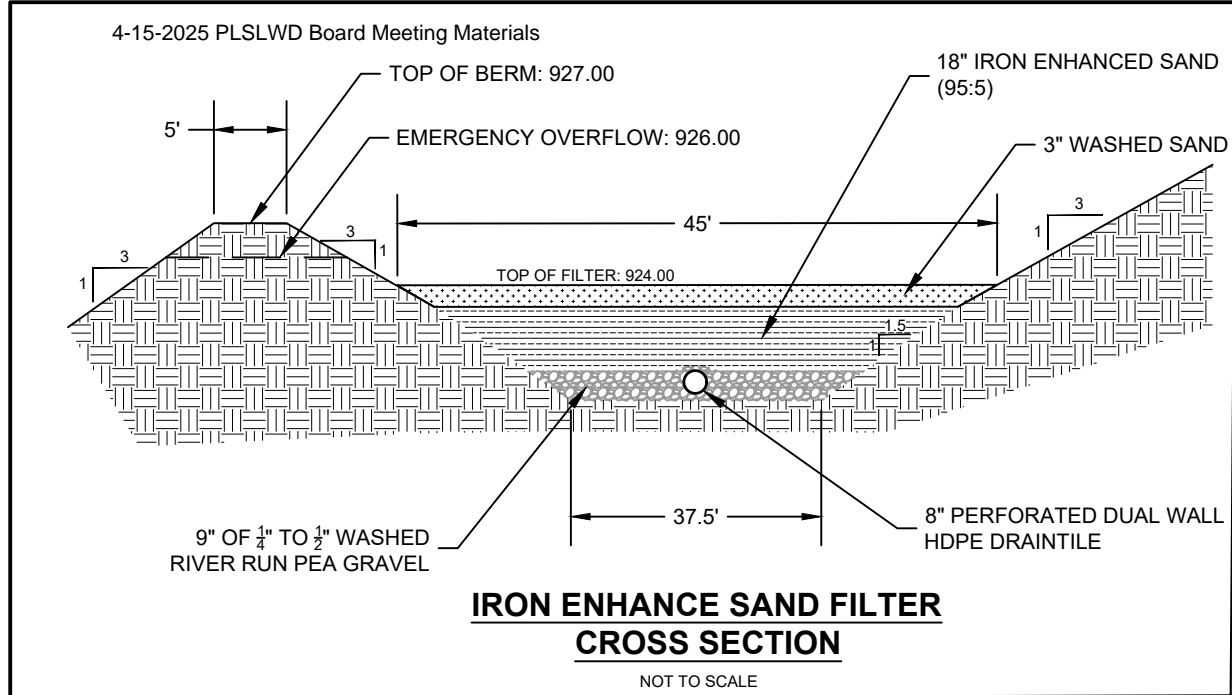
ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 3 - Hylland**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, April 8, 2025

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 50,000.00	\$ 50,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	12000	CY	\$ 20.00	\$ 240,000.00
4	12" HDPE STORM SEWER	430	LF	\$ 50.00	\$ 21,500.00
5	8" PERFORATED PVC DRAINTILE	500	LF	\$ 40.00	\$ 20,000.00
6	DIVERSION STRUCTURE	1	EA	\$ 12,000.00	\$ 12,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 45.00	\$ 1,350.00
8	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	570	CY	\$ 65.00	\$ 37,050.00
9	SELECT GRANULAR BORROW - WASHED SAND	1350	CY	\$ 45.00	\$ 60,750.00
10	IRON FILINGS	179350	LB	\$ 1.00	\$ 179,350.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
CONSTRUCTION SUBTOTAL:					\$ 687,000.00
		25%	CONSTRUCTION CONTINGENCY		\$ 171,750.00
CONSTRUCTION TOTAL					\$ 858,750.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 883,750.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(132,562.50)	\$ 751,187.50
		25%	\$	220,937.50	\$1,104,687.50



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SUBMISSION DATE:
10/25/2024

DESIGN BY EOR DRAWN BY DEM

EOR PROJECT NO.
0758-0124

EOR Emmons & Olivier
Resources, Inc.
1919 University Ave W,
Suite 300, St Paul, MN 55104
w a t e r e c o l o g y c o m m u n i t y
Tele: 651.770.8448
www.eorinc.com



SPRING LAKE WEST SUBSHED
FEASIBILITY STUDY
JORDAN, SCOTT COUNTY, MINNESOTA

STATE PROJECT NO. --- CITY PROJECT NO. ---

SCALE IN FEET

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HARTELL IESF
OPTION 1B
GRAVITATIONAL W/ DITCH CHECKS

SHEET 03 OF 04 SHEETS

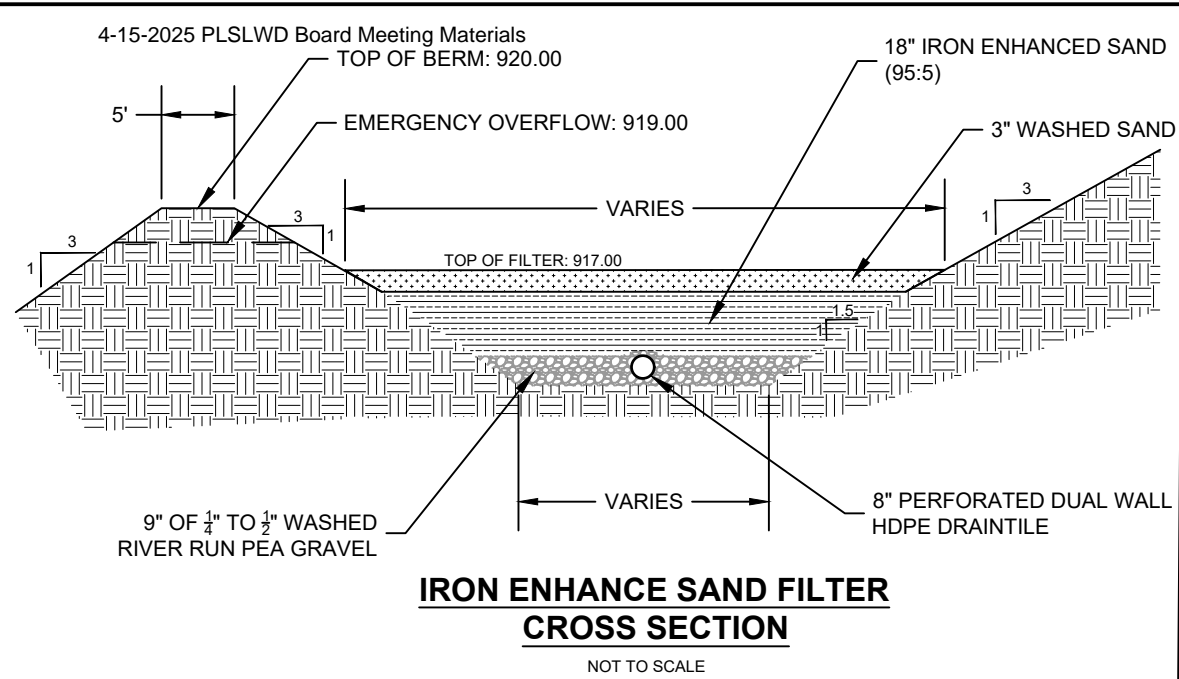
ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 1B - Hartell**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, April 8, 2025

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 50,000.00	\$ 50,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	8200	CY	\$ 20.00	\$ 164,000.00
4	12" HDPE STORM SEWER	200	LF	\$ 50.00	\$ 10,000.00
5	8" PERFORATED PVC DRAINTILE	550	LF	\$ 40.00	\$ 22,000.00
6	DIVERSION STRUCTURE	1	EA	\$ 12,000.00	\$ 12,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 45.00	\$ 1,350.00
8	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	520	CY	\$ 65.00	\$ 33,800.00
9	SELECT GRANULAR BORROW - WASHED SAND	1300	CY	\$ 45.00	\$ 58,500.00
10	IRON FILINGS	172420	LB	\$ 1.00	\$ 172,420.00
11	Rock Check (CL III Riprap)	800	CY	\$ 80.00	\$ 64,000.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
CONSTRUCTION SUBTOTAL:					\$ 653,070.00
		25%	CONSTRUCTION CONTINGENCY		\$ 163,267.50
CONSTRUCTION TOTAL					\$ 816,337.50
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 841,337.50
ESTIMATED ACCURACY RANGE***		-15%	\$	(126,200.63)	\$ 715,136.88
		25%	\$	210,334.38	\$1,051,671.88



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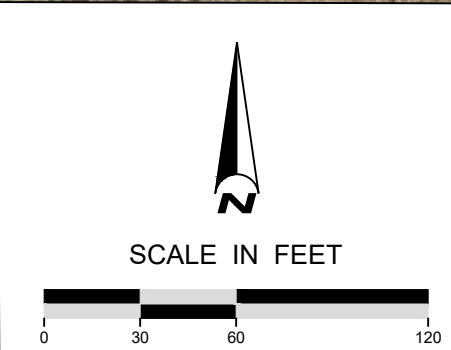
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SUBMISSION DATE:
10/25/2024
DESIGN BY EOR
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EOR PROJECT NO.
0758-0124

EOR Emmons & Olivier
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SPRING LAKE WEST SUBSHED
FEASIBILITY STUDY
JORDAN, SCOTT COUNTY, MINNESOTA
STATE PROJECT NO. --- CITY PROJECT NO. ---



HARTELL IESF
OPTION 2
SHEET 04 OF 04 SHEETS

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 2 - Hartell**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, April 8, 2025

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 50,000.00	\$ 50,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	4000	CY	\$ 20.00	\$ 80,000.00
4	12" HDPE STORM SEWER	250	LF	\$ 50.00	\$ 12,500.00
5	8" PERFORATED PVC DRAINTILE	550	LF	\$ 40.00	\$ 22,000.00
6	DIVERSION STRUCTURE	1	EA	\$ 12,000.00	\$ 12,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 45.00	\$ 1,350.00
8	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	550	CY	\$ 65.00	\$ 35,750.00
9	SELECT GRANULAR BORROW - WASHED SAND	1330	CY	\$ 45.00	\$ 59,850.00
10	IRON FILINGS	177270	LB	\$ 1.00	\$ 177,270.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
CONSTRUCTION SUBTOTAL:					\$ 515,720.00
		25%	CONSTRUCTION CONTINGENCY		\$ 128,930.00
CONSTRUCTION TOTAL					\$ 644,650.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 669,650.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(100,447.50)	\$ 569,202.50
		25%	\$	167,412.50	\$ 837,062.50

PRIOR LAKE SPRING LAKE WATERSHED DISTRICT
Financial Report - Cash Basis
January 1, 2025 Through March 31, 2025

Program Element		2025 Source of Funds			Budget Adjustment	2025 Budget	2025 Actual Results		
		2025 Levy	Budget Reserve	Grant Funds/Fees			March 2025	YTD	YTD % of Budget
	General Fund (Administration)								
	Revenues								
	Property Taxes	\$ 261,600	\$ -	\$ -		\$ 261,600	\$ -	\$ 942	0%
	Interest	-	-	18,400		18,400	-	-	0%
	Total Revenues	\$ 261,600	\$ -	\$ 18,400	\$ -	\$ 280,000	-	942	0%
	Expenditures								
	Administrative Salaries and Benefits	\$ 137,100	\$ -	\$ 18,400		\$ 155,500	14,318	41,358	27%
	703 · Telephone, Internet & IT Support	19,500	-	-		19,500	1,152	3,457	18%
	702 - Rent	28,200	-	-		28,200	2,459	9,835	35%
	706 · Office Supplies	7,000	-	-		7,000	376	1,793	26%
	709 · Insurance and Bonds	13,000	-	-		13,000	-	-	0%
	670 · Accounting	36,300	-	-		36,300	4,532	8,186	23%
	671 · Audit	11,000	-	-		11,000	-	-	0%
	903 · Fees, Dues, and Subscriptions	1,500	-	-		1,500	1,208	1,358	91%
	660 · Legal (not for projects)	8,000	-	-		8,000	228	777	10%
	General Fund (Administration) Expenditures	\$ 261,600	\$ -	\$ 18,400		\$ 280,000	24,272	66,765	24%
	Net Change in General Fund	-	-	-	-	-	(24,272)	(65,823)	

No assurance is provided on this statement. See selected information.

PRIOR LAKE SPRING LAKE WATERSHED DISTRICT						
Financial Report - Cash Basis						
January 1, 2025 Through March 31, 2025						
Program Element		2025 Source of Funds				
		2025 Levy	Budget Reserve	Grant Funds/Fees	Budget Adjustment	2025 Budget
	Implementation Fund					
	Revenues					
	Property Taxes	\$ 1,784,850	\$ -	\$ -	\$ -	\$ 1,784,850
	Grants/Fees	-	-	145,967	443,975	589,942
	Interest	-	-	124,300	-	124,300
	Budget Reserves	-	\$ 1,018,908	-	7,500	1,026,408
	Total Revenues	\$ 1,784,850	\$ 1,018,908	\$ 270,267	\$ 451,475	\$ 3,525,500
	Expenditures					
	Program Salaries and Benefits (not JPA/MOA)	\$ 379,700	\$ -	\$ 124,300	\$ -	\$ 504,000
Water Qual	550 - Swamp Lake	\$ 9,390	\$ 89,968	\$ 535,942	\$ 443,975	\$ 1,079,275
Water Qual	550 -200th Street Pond Improvements	-	26,400	15,000	-	41,400
Water Qual	550 - FeCl Site Improvements	154,500	116,700	-	-	271,200
Water Qual	550 - Buck Stream Stabilization	-	-	-	7,500	7,500
Water Qual	652 Farmer-led Council	72,000	-	-		72,000
Water Qual	652 Cost-Share Incentives	88,000	-	-		88,000
Water Qual	611 Highway 13 Wetland, FeCl system & Desilt, O&M	159,500	55,000	-	-	214,500
Water Qual	611 Carp Management	88,500	-	-		88,500
Water Qual	611 Spring Lake Demonstration Project Maintenance	1,200	-	-		1,200
Water Qual	611 Buck Stream Stabilization Parcel Maintenance	4,000	-	-		4,000
Water Qual	611 Alum Internal Loading Reserve	200,000	-	-	-	200,000
Water Qual	637 District Monitoring Program	89,100	-	-		89,100
Water Qual	626 Planning and Program Development	32,000	-	-		32,000
Water Qual	626 LGU Plan Review	3,000	-	-		3,000
Water Qual	626 Engineering not for programs	21,000	-	-		21,000
Water Qual	626 Debt Issuance Planning	15,000	-	-		15,000
Water Qual	648 Permitting and Compliance	65,000	-	-		65,000
Water Qual	648 Update MOAs with cities & county	-	5,000	-		5,000
Water Qual	648 BMP and easement inventory & inspections	35,500	-	4,500	-	40,000
Water Qual	626 Capital Project Planning (Prev: Upper Watershed Projects)	16,200	291,600	-	-	307,800
Water Qual	626 Lake Ridge Stormwater Feasability Study	-	48,000	7,500	-	55,500
	WQ TOTAL	\$ 1,053,890	\$ 632,668	\$ 562,942	\$ 451,475	\$ 2,700,975
Water Storage	550 District-wide Hydraulic & Hydrologic model	\$ 4,000	\$ -	\$ -		\$ 4,000
Water Storage	626 Comprehensive Wetland Plan Update	-	35,500	-	-	35,500
	WS TOTAL	\$ 4,000	\$ 35,500	\$ -	\$ -	\$ 39,500
AIS	611 Aquatic Vegetation Mgmt	\$ 18,600	\$ -	\$ 12,000	\$ -	\$ 30,600
AIS	637 Boat inspections on Spring, Upper & Lower Prior	19,000	-	15,000	-	34,000
	AIS TOTAL	\$ 37,600	\$ -	\$ 27,000	\$ -	\$ 64,600
Ed & Out	652 Education and Outreach Program	18,800	8,500	-		27,300
	E&O TOTAL	\$ 18,800	\$ 8,500	\$ -	\$ -	\$ 27,300
	PLOC Contribution	\$ 108,125	\$ -	\$ -	\$ -	\$ 108,125
	Debt Bond Payments	-	81,000	-		81,000
	Total Implementation Fund	\$ 1,602,115	\$ 757,668	\$ 714,242	\$ 451,475	\$ 3,525,500
	Net Change in Fund Balance Implementation Fund	182,735	261,240	(443,975)	-	-
	Grant Funds/Fees Anticipated					2025 Budget
	Interest Income (general fund & Implementation fund)			\$ 142,700		\$ 142,700
	648 New Easement Acquisition/Amendment Fees			4,500		4,500
	2025 WBIF Grant			104,967		104,967
	Spring Lake Twnshp Contribution (Fish Lake Mgmt Plan)			9,500		9,500
AIS	611 Aquatic Vegetation Mgmt. (Scott County)			27,000		27,000
	Total Grant Funds/Fees Anticipated			\$ 288,667		\$ 179,000
Budget Summary	Fund Sources/Fund Expenditures	2025 Levy	Budget Reserves	Grants/Rev	Amendments	Budget Total
	General Fund	\$ 261,600		\$ 18,400	\$ -	\$ 280,000
	Implementation Fund	\$ 1,602,115	\$ 757,668	\$ 714,242	\$ 451,475	\$ 3,525,500
	Total Fund Sources	\$ 1,863,715	\$ 757,668	\$ 732,642	\$ 451,475	\$ 3,805,500
	Expenditures					
	General Fund					280,000
	Implementation Fund					3,525,500
	Total Expenditures					3,805,500
Fund Balance Commitments/Assingments	2025 (Budget)					
		12-31-24 Bal	Additions	Reductions	Amendments	12-31-25 Bal
	611 Alum Internal Loading Reserve	\$ 910,000	\$ -	\$ -	\$ -	\$ 910,000
	626 Upper Watershed Projects (2024)/Capital Projects Planning (2025)	\$ 291,600	\$ -	\$ -	\$ -	\$ 291,600
	Debt Payment Reserve	\$ 180,000	\$ -	\$ -	\$ -	\$ 180,000
		\$ 1,381,600	\$ -	\$ -	\$ -	\$ 1,381,600

2025 Actual Results		
March 2025	YTD	YTD % of Budget
-	6,339	0%
221,988	296,988	50%
7,629	23,315	19%
-	-	0%
229,616	326,641	9%
34,371	102,555	20%
5,552	12,499	1%
-	-	0%
596	5,441	2%
-	104	1%
320	598	1%
-	-	0%
69	4,120	2%
15,967	16,070	18%
313	3,513	293%
-	-	0%
5,467	6,104	3%
366	2,114	2%
1,708	12,134	38%
-	-	0%
981	2,286	11%
-	-	0%
1,363	2,344	4%
-	-	0%
1,530	3,442	9%
1,445	3,160	1%
9,462	18,460	33%
45,138	92,388	3%
-	-	0%
-	-	0%
-	-	0%
758	861	3%
\$ 758	\$ 861	3%
-	-	0%
-	-	0%
80,267	195,804	6%
149,350	130,837	

PLSLWD Monthly Treasurers Report

Treasurer: Christian Morkeberg

Account balances as of 3/31/25

4M Fund (Checking Account)	\$	2,190,793
4M Fixed Income	\$	1,910,650
Total Uncleared Transactions	\$	-
SUBTOTAL	\$	4,101,443

RESTRICTED/COMMITTED FUNDS

Restricted - Permit Deposits, etc. (350 & 360)	\$	122,626
Restricted - PLOC Contingency Reserve (850)	\$	260,000
Restricted - PLOC O&M Funds (830)	\$	128,583
Committed - Alum Internal Loading Reserve	\$	910,000
Committed - Upper Watershed Fund Balance(2024)/Capital Projects Planning (2025)	\$	291,600
Committed - Debt Payment	\$	180,000
TOTAL DISTRICT/PLOC RESTRICTED OBLIGATIONS	\$	1,892,809

Available cash at end of March 2025	\$	2,208,634
--	-----------	------------------

65.9% of 2025 Amended
Budget

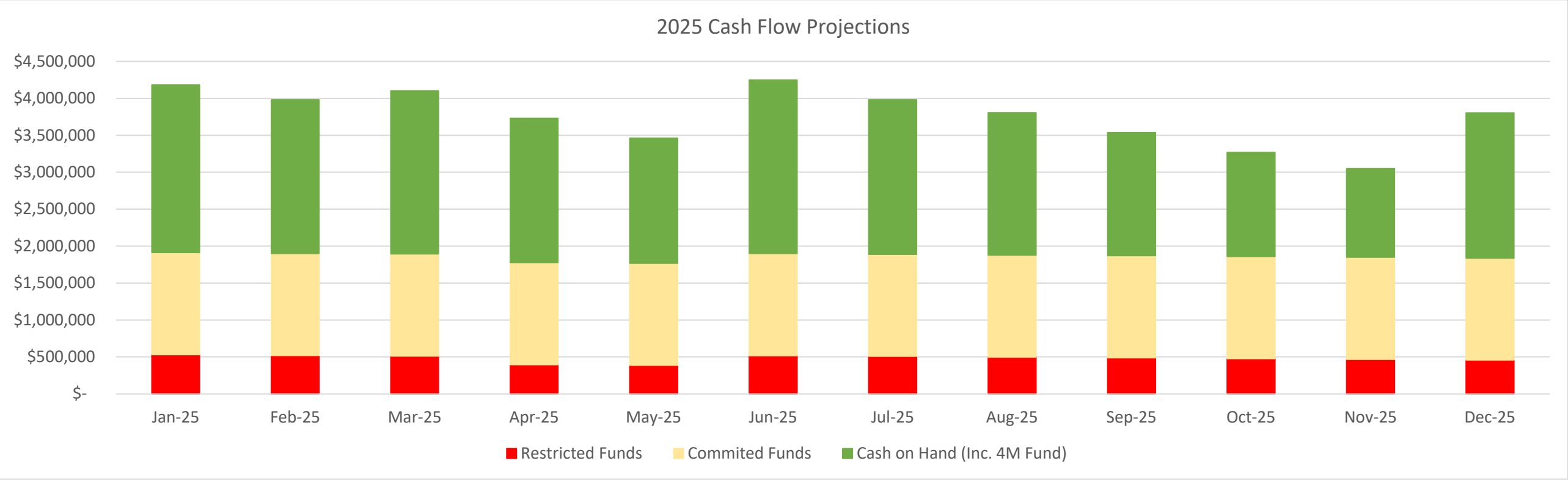
No assurance is provided on this statement. See selected information.

Draft amounts subject to change during audit preparation

No assurance provided on these financial statements

Cash Flow Chart

Month (End of Month)	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
Restricted Funds	\$ 529,570	\$ 518,702	\$ 511,209	\$ 396,209	\$ 386,209	\$ 517,652	\$ 507,652	\$ 497,652	\$ 487,652	\$ 477,652	\$ 467,652	\$ 457,652
Committed Funds	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600	\$ 1,381,600
Cash on Hand (Inc. 4M Fund)	\$ 2,269,750	\$ 2,080,487	\$ 2,208,634	\$ 1,950,409	\$ 1,692,684	\$ 2,348,545	\$ 2,090,320	\$ 1,925,569	\$ 1,667,344	\$ 1,409,119	\$ 1,198,887	\$ 1,964,387
Total Cash on Hand	\$ 4,180,920	\$ 3,980,789	\$ 4,101,443	\$ 3,728,218	\$ 3,460,493	\$ 4,247,797	\$ 3,979,572	\$ 3,804,821	\$ 3,536,596	\$ 3,268,371	\$ 3,048,139	\$ 3,803,639



Draft Amounts subject to chanbge during audit preparation

No assurance is provided on these financial statements. See selected information

PLSL Watershed District

Cash Minimum Balance Alert \$ 150,000

	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Total 2025
Cash on hand (beginning of month)	\$ 4,199,238	\$ 4,180,920	\$ 3,980,789	\$ 4,101,443	\$ 3,728,218	\$ 3,460,493	\$ 4,247,797	\$ 3,979,572	\$ 3,804,821	\$ 3,536,596	\$ 3,268,371	\$ 3,048,139	

Cash Receipts

Property Tax Levy	\$ 7,280	\$ -	\$ -	\$ -	\$ 500	\$ 1,023,225	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,023,725	\$ 2,054,730
BWSR WBIF	-	-	-	-	-	-	-	83,974	-	-	20,993	-	104,967
BWSR Programs & Projects Grant	-	-	221,988	-	-	-	-	-	-	-	-	-	221,988
Grants - Other	73,709	-	-	-	-	-	-	9,500	-	-	27,000	-	110,209
PLOC Contributions	-	-	-	-	-	141,443	-	-	-	-	-	-	141,443
Interest Income	8,412	7,274	7,629	11,892	11,892	11,892	11,892	11,892	11,892	11,892	11,892	11,892	130,340
Other Receipts	1,291	-	2,600	375	375	375	375	375	375	375	375	375	7,266
Total Cash Reciepts	\$ 90,692	\$ 7,274	\$ 232,217	\$ 12,267	\$ 12,767	\$ 1,176,935	\$ 12,267	\$ 105,741	\$ 12,267	\$ 12,267	\$ 60,260	\$ 1,035,992	\$ 2,770,943
Total Cash Available	\$ 4,289,930	\$ 4,188,194	\$ 4,213,006	\$ 4,113,710	\$ 3,740,985	\$ 4,637,428	\$ 4,260,064	\$ 4,085,313	\$ 3,817,088	\$ 3,548,863	\$ 3,328,631	\$ 4,084,131	

Cash Paid Out

Salaries and Per Diems	\$ 47,167	\$ 48,058	\$ 48,689	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 54,958	\$ 638,539
Office Expense, Audit, Accounting	7,362	9,917	12,820	10,375	10,375	10,375	10,375	10,375	10,375	10,375	10,375	10,375	123,474
PLSLWSD Program Costs	48,099	138,562	39,961	205,158	205,158	205,158	205,158	205,158	205,158	205,158	205,158	205,158	2,073,047
PLOC Contribution	-	-	-	-	-	109,139	-	-	-	-	-	-	109,139
PLOC Operations	6,382	10,868	10,093	115,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	222,343
Debt Service								-	-	-	-	-	-
Other Disbursements	\$ -	\$ -											-
Subtotal	\$ 109,010	\$ 207,405	\$ 111,563	\$ 385,492	\$ 280,492	\$ 389,631	\$ 280,492	\$ 280,492	\$ 280,492	\$ 280,492	\$ 280,492	\$ 280,492	\$ 3,166,542
Cash on Hand (end of month)	\$ 4,180,920	\$ 3,980,789	\$ 4,101,443	\$ 3,728,218	\$ 3,460,493	\$ 4,247,797	\$ 3,979,572	\$ 3,804,821	\$ 3,536,596	\$ 3,268,371	\$ 3,048,139	\$ 3,803,639	

Draft Amounts subject to chanbge during audit preparation

No assurance is provided on these financial statements. See selected information

PLSLWD
Cost Analysis
Year to Date 3/31/2025

	<u>Year to Date 3/31/2025</u>	
	Amount	% of total
<u>Program staff costs</u>	<u>102,555</u>	39.1%
<u>Consultants</u>		
EOR	35,570	
WSB & Associates	15,487	
Stantec Consulting Services Inc.	18,189	
RMB Environmental Labs	39	
HDR Engineering Inc.	726	
Vessco	525	
	<u>70,535</u>	26.9%
Hard costs, exclusive of prog staff & consultant costs	<u>22,714</u>	
	<u>22,714</u>	8.7%
<u>Overhead and Administration</u>		
Staff costs	41,358	
Audit/Accounting/Legal	8,963	
Other admin overhead	13,586	
IT Support (Rymark)	2,857	
	<u>66,765</u>	25.4%
<u>Bonds payments</u>	<u>-</u>	0.0%
<u>PLOC Contribution</u>	<u>-</u>	0.0%
Expenses excluding PLOC expenses per manager report	<u><u>262,569</u></u>	100.0%

No assurance is provided on this statement. See selected information.

This statement omits required disclosures.

This statement is prepared on the cash basis of accounting.

PRIOR LAKE SPRING LAKE WATERSHED DISTRICT
Financial Report - Cash Basis
January 1, 2024 Through December 31, 2024

Reflects bills paid through November 30, 2024

Program Element		2024 Source of Funds			Budget Adjustment	2024 Budget	2024 Actual Results		
		2024 Levy	Budget Reserve	Grant Funds/Fees			December 2024	YTD	YTD % of Budget
	General Fund (Administration)								
	Revenues								
	Property Taxes	\$ 252,000	\$ -	\$ -		\$ 252,000	\$ 122,214	\$ 251,384	100%
	Interest	-	-	9,000		9,000	2,305	9,774	109%
	Other	-	-	-		-	-	1,137	#DIV/0!
	Total Revenues	\$ 252,000	\$ -	\$ 9,000	\$ -	\$ 261,000	124,519	262,296	100%
	Expenditures								
	Administrative Salaries and Benefits	\$ 145,000	\$ -	\$ -		\$ 145,000	28,888	154,206	106%
	703 · Telephone, Internet & IT Support	7,000	-	9,000		16,000	1,110	12,932	81%
	702 - Rent	27,500	-	-		27,500	(212)	27,449	100%
	706 · Office Supplies	8,000	-	-		8,000	1,062	6,864	86%
	709 · Insurance and Bonds	13,000	-	-		13,000	(871)	10,928	84%
	670 · Accounting	33,500	-	-		33,500	6,710	32,405	97%
	671 · Audit	10,500	-	-		10,500	-	10,500	100%
	901- Mailings	-	-	-		-	-	-	#DIV/0!
	903 · Fees, Dues, and Subscriptions	1,500	-	-		1,500	319	1,798	120%
	660 · Legal (not for projects)	6,000	-	-		6,000	3,015	10,190	170%
	General Fund (Administration) Expenditures	\$ 252,000	\$ -	\$ 9,000		\$ 261,000	40,021	267,272	102%
	Net Change in General Fund	-	-	-	-	-	84,498	(4,977)	

No assurance is provided on this statement. See selected information.

****Reflects bills paid through November 30, 2024****

No assurance is provided on this statement. See selected information.



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

WORKSHOP MEETING MINUTES

Tuesday, February 18, 2025

Prior Lake City Hall

4:00 PM

Members Present:

Bruce Loney, Frank Boyles, Ben Burnett, Christian Morkeberg,
Matt Tofanelli

Staff & Consultants Present:

Joni Giese, District Administrator
Jeff Anderson, Water Resources Program Coordinator
Carl Almer, EOR, District Engineer Representative
Chuck Holtman, Smith Partners

Others Present:

Jim Fitzsimmons, Scott SWCD
Troy Kuphal, Scott SWCD
Dick Schirber, CAC Representative
Jody Brennan, Scott County
Lisa Quinn, Spring Lake Township

The meeting was called to order at 4:00 PM.

Manager Per Diems

Administrator Giese stated the board approved updated general governance policies, which includes per diems, in May 2024. One situation that was not considered in the policies update was manager participation in Minnesota Watersheds committees. The policy states attendance at “other meetings” can be eligible for \$40 per diem per treasurer approval. What makes this unique is that the managers are voting on Minnesota Watersheds matters in their role as a PLSLWD manager. The question is given they are voting as a PLSLWD manager, should their participation qualify for a \$125 per diem? Per the existing policy, if there is a question on applicability of the policy, the administrator should solicit the opinion of the treasurer. Administrator Giese reached out to Manager Morkeberg who then requested the issue be brought forward for board discussion at the workshop.

Administrator Giese queried other watershed districts/watershed management organizations and found that per diems for Minnesota Watershed committee meetings ranged from \$0 to \$125. Per workshop discussion the managers expressed a preference for a \$40 per diem rate for Minnesota Watershed Committee meetings. Moving forward, should Minnesota Watershed committee

attendees feel the level of effort required for participation is extensive, they should bring this information back to the full board for further consideration of per diem rates.

Upper Prior Lake Delisting Request

Water Resources Coordinator Jeff Anderson provided background information that Upper Prior Lake was added to the state's impaired water list in 2002 due to high levels of nutrients and the subsequent preparation of the TMDL report that has guided staff efforts to improve water quality in Upper Prior Lake.

He then outlined the MPCA's criteria for consideration of delisting a lake, and shared that the District has met the MPCA criteria for Upper Prior Lake. Therefore, staff have been working closely with the MPCA to submit a delisting request for Upper Prior Lake with supporting monitoring data, planning documents, and project information. The MPCA will make a determination regarding delisting later this year. Managers discussed the trade-offs of delisting the lake with one of the con's being loss of grant funds if the lake is delisted.

County Ditch 13 Drainage Authority

Administrator Giese shared information regarding recent meeting attendance with Scott County staff and a Scott County Commissioner workshop (Manager Burnett also attended the workshop) regarding the County potentially transitioning away from serving as the drainage authority for County Ditch 13. Potential options under consideration include abandonment of the Ditch or transferring the drainage authority to PLSLWD. Per State Statutes 103D.625, watershed districts shall take over a county drainage system within the watershed district and the right to repair and maintain the drainage system if directed by a county board.

Giese shared that at the county workshop she had stated that she, speaking as the district administrator, was not interested in taking over the role of drainage authority given the County would still need to perform this role for other functioning drainage ditches in the county. Having PLSLWD serve as drainage authority would require the District to get trained on the role and to set up new systems to administer the system. This did not seem to be aligned with SCALE values of efficient delivery of services to county residents. Subsequent the county workshop, questions raised by Manager Burnett made Administrator Giese question whether District goals could be better advanced by taking on this role.

Chuck Holtman with Smith Partners provided insight regarding potential drainage system funding options that watershed districts have per state statutes that are not available to counties. As a result of the discussion, Administrator Giese will do additional research to better understand the existing condition of County Ditch 13 and to perform an assessment of District plans/desired projects to determine if they could be better advanced if the District was the drainage authority.

Minnesota Watersheds – Special Meeting Delegate Selection

Administrator Giese shared that Minnesota Watersheds is proposing changes the organization's legislative process, including revising the resolutions process to occur earlier in the year, holding a mid-year meeting to vote on resolutions, and then use the annual meeting to set legislative priorities for the next legislative session. Proposed changes also include consolidating the resolutions and legislative committees into one committee.

In order to move forward with the proposed changes, a special meeting is being called to vote on changes to the bylaws and committee structure. The special meeting is scheduled for March 21,

2025. PLSLWD can appoint two delegates and one alternate to vote on behalf of the District at the special meeting. Giese inquired if there were any managers interested in serving as the delegates. Managers Boyles and Burnett volunteered to serve as delegates. No interest was expressed for the alternate position. Managers Burnett and Boyles will be brought forward as the District's delegates for approval by the full board at the following (February 18) board meeting.

Administrator Report

- Annual staff reviews are complete. Administrator Giese's review will occur in a closed meeting during March workshop.
- In the next two weeks, many staff will be taking PTO. There will always be staff office coverage during this period.
- Staff will move back into City Hall on March 6. When staff move back into City Hall, the District's office hours will be revised to Monday – Thursday: 8:30 – 4:30 PM; Friday by appointment.
 - Staff currently have the flexibility to work from home two days per week. Everyone is required to come into the office on Monday for the weekly staff meeting. Covering office hours for the remainder of the week always left a skeleton crew in the office.
 - One of the two optional days to work from home will now occur on Friday, which allows for more staff interaction when they are in the office.
 - If staff are working in the office on a Friday, the window will be open.
 - Staff tracked office visits during the first six months of 2024 and found that only one visitor came to the District window on a Friday.
 - Managers expressed support for the new office hours.
- It is time to schedule the annual board retreat. The following schedule was proposed and agreed to:
 - Special Joint Board of Managers/CAC meeting in April.
 - One focus item for the joint meeting will be priorities to inform the 2026 budget.
 - Board retreat in May.
 - Discussion will be informed by issues brought up at the joint meeting.
 - Draft budgets will be brought forward for discussion/revisions at the June and July board workshops.
 - The 2026 budget must be approved at the August board meeting in order to submit the certification to the County by September 15.

Liaison Updates

District Partner Reports

- *Spring Lake Township*- The Township has a new supervisor, Jeff Miller. Supervisor Miller expressed interest in meeting with Manager Morkeberg to learn more about projects and initiatives of PLSLWD in the township. The Township will be following the discussion regarding the potential transfer or abandonment of County Ditch 13 as a large portion of the ditch is located in the township. The Township passed several hurdles with Scott County planning allowing the township to continue advancing the industrial area planning near Lydia. The Township has held coordination meetings with Administrator Giese and District Engineer Almer to discuss water storage issues, County Ditch 13 buffers, and wetlands associated with the site.

- *CAC*-At the last CAC meeting, subcommittees were established to drill down on issues/projects that are of interest to CAC members that could also support District goals/initiatives. Dick will be on subcommittee that will investigate plant harvesting to address invasive species. Subcommittees will focus on groundwater, education/social media, invasive plants, and lakeshore restoration.
- *Scott County*- County approved a permit for an anaerobic digester. Washington and Ramsey Counties, along with SMSC, will be providing organic waste to the digester. Additional discussions will be held to see how Scott County municipalities and townships can participate in providing organic waste to the digester.
- *Scott SWCD*-No updates.

Manager Liaison Reports

- *CAC*- (Christian Morkeberg) The CAC is comprised of an energetic group of folks. The subcommittees are addressing interesting topics.
- *Scott SWCD*- None.
- *Lower Minnesota Watershed District*-Working to replace the Administrator (they are determining whether to hire staff or retain a consultant).
- *Sand Creek Township*-None.
- *Spring Lake Township*-Manager Morkeberg is looking forward to meeting Supervisor Miller. At the township meeting, Supervisor Miller expressed a particular interest in the farmer-led council.
- *Scott WMO*-They are updating their Water Resources Management Plan. Staff's goal is to have a new plan adopted by December 2026. Administrator Giese is serving on the TAC for the Scott WMO plan update.
- *Shakopee*-None.
- *SCALE*- General Assembly will focus on solid waste. Representatives from the Department of Administration, Office of Collaboration and Dispute Resolution presented information on their office and provided tips that leaders can take to reduce stress and tension when engaging on challenging subjects. The legislative subcommittee will be ramping up with the start of the legislative session.
- *Scott County*- Attended the workshop addressing county ditches. Mosquito control was addressed. Managers Morkeberg and Loney were renewed for second terms.
- *Minnesota Watersheds*- Meetings were held related to proposed revisions to bylaws and committees.
- *PLOC Cooperators*-None.
- *Farmer-Led Council*- Good last meeting. Participation level appears to be increasing. Another meeting will occur in March. Manager Morkeberg expressed interest in increasing funding for FLC activities if there is a demand for these programs.

Respectfully Submitted,

Joni Giese

3/11/2025



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

REGULAR MEETING MINUTES

Tuesday, February 18, 2025

Prior Lake City Hall

6:00 PM

Members Present:

Bruce Loney, Christian Morkeberg, Frank Boyles,
Matt Tofanelli, Ben Burnett

Staff & Consultants Present:

Joni Giese, District Administrator
Jeff Anderson, Water Resources Coordinator
Danielle Studer, Water Resources Specialist
Carl Almer, EOR, District Engineer

Others Present:

Jody Brennan, Scott County Commissioner
Richard Schirber, CAC Representative
Ben Brandt and Derek Lee from Waterfront Restoration
Troy Kuphal and Jim Fitzsimmons, Scott SWCD

• **1.0 CALL TO ORDER & PLEDGE OF ALLEGIANCE:**

Meeting was called to order by President Loney at 6:02 pm. Everyone present recited the Pledge of Allegiance.

• **2.0 PUBLIC COMMENT**

None

• **3.0 APPROVAL OF AGENDA**

- Agenda change
 - Add 4.9: Authorization to Award Contract for PLOC Pipe Lining
- Motion to approve amended agenda by Manager Burnett; 2nd by Manager Tofanelli; Passed 5-0.

• **4.0 OTHER OLD/NEW BUSINESS**

4.1 Programs & Projects Update

- Staff provided a report of its many activities the preceding month, and some upcoming events.
- Jeff Anderson reported staff should be moving back to City Hall offices March 6th; a carp management update – staff will do tracking and will do a seine if carp get isolated to pre-approved areas; and a monitoring update.

- Danielle Studer gave an Education and Outreach review of 2024 and plans for 2025 (see later item 4.4).
- Project updates: FeCl building is in process - the tank has been removed, staff is targeting to be ready for normal spring treatment.

4.2 Scott SWCD 2024 Summary of Accomplishments

- Troy Kuphal presented 2024 services provided to PLSLWD and accomplishments, primarily focused on the cost share program; farmer-led council support; education programs; permitting support; and easement origination, inspection, and compliance support. Troy then answered managers' questions.

4.3 Watercraft Inspections 2024 Season Report

- Ben Brandt, from Waterfront Restoration LLC, presented their report for 2024 and answered questions.

4.4 2025 Education & Outreach Plan

- Water Resources Specialist, Danielle Studer, summarized 2024 outreach activities. 2025 proposed activities focus on:
 - Building partnerships and reaching new audiences
 - Watershed Week to include a mix of "old" and new, including an additional event day
 - Increasing awareness of our water resources
 - Additional CAC and resident tour
 - High school level educational event
 - Celebrating successes
 - Carp management "open-house"
 - Celebration of District progress on projects
 - Creating high quality and timeliness outreach materials
 - Video of Buck Stream restoration
 - Updating "one-pagers"
 - Tabling and front office displays
 - Sticker collaboration
- Danielle highlighted popular existing volunteer and community programs that are proposed to continue into 2025, such as the CAC, CAMP program, Carp Espionage, Farmer-led Council, and Cost-share programs.
- Staff recommends that the Board of Managers approve the 2025 Education & Outreach Plan.
- Motion to approve 2025 Education and Outreach Plan by Manager Tofanelli; 2nd by Manager Morkeberg; Passed 5-0.

4.5 MS4 Petition for Re-evaluation

- Administrator Giese shared that in fall 2024, she held several conversations with MPCA staff to receive clarification on the application of permit requirements to the specifics of the watershed district. After these conversations, MPCA staff sent her a MS4 Petition for Re-evaluation Form with the request that PLSLWD fill out the form and return it to the MPCA for

consideration. Subsequent to the receipt of the re-evaluation form, Administrator Giese performed due diligence and determined the termination of the District's MS4 permittee status will not result in a loss of the District's ability to implement its Water Resources Management Plan.

- Motion to authorize the District Administrator to submit the MS4 Petition for Re-evaluation Form to the MPCA by Manager Boyles; 2nd by Manager Tofanelli; Passed 5-0.

4.6 Termination of Watershed Development Agreement, Doc. No. A 816076

- Administrator Giese shared the background information on a land ownership transfer that initiated the termination request. The Watershed Development Agreement stated the agreement would terminate on the date the infiltration areas on the site are dedicated to and accepted by the City of Prior Lake for infiltration purposes. After research and receipt of assurances from the City of Prior Lake, staff believe the intent of the agreement has been met and termination of the Watershed Development Agreement should proceed.
- Motion to authorize the District Administrator to terminate Watershed Development Agreement, Doc. No. A 816076 by Manager Boyles; 2nd by Manager Burnett; Passed 5-0.

4.7 Minnesota Watersheds – Special Meeting Delegate Appointment

- Administrator Giese stated that Minnesota Watersheds is scheduling a special meeting to vote on proposed revisions to the organization's bylaws and committees structure to modify its approach to the resolutions and legislative processes. The District can appoint up to two members to represent and vote on behalf of the District at the special meeting.
- Motion to appoint Manager Burnett and Manager Boyles as delegate(s) to vote on behalf of PLSLWD at the Minnesota Watersheds special meeting scheduled for March 21, 2025, by Manager Morkeberg; 2nd by Manager Burnett; Passed 4-0 (Manager Boyles abstained).

4.8 Fountain Hills Wetland Restoration Feasibility Study: Scope of Work

- Manager Tofanelli recused himself from discussion and voting for this item due to potential conflict of interest.
- Administrator Giese stated this pertains to property located in the southeast quadrant of the intersection of County Road 42 and County Road 21. The study will explore the nutrient load within a wetland on the site; whether existing nutrients in the wetland will be transported to Pike Lake, which is impaired for high nutrient loads; and estimated cost to restore the wetland. The goal is to determine if there is a favorable cost-benefit relationship to pursue partnering with the developer on a wetland restoration project.
- Motion to authorize District Administrator to enter into a contract with a consultant to prepare the Fountain Hills Wetland Restoration Feasibility Study at a cost not to exceed \$25,000, with authorization to execute change orders not to exceed 10% of the contract value, by Manager Boyles; 2nd by Manager Burnett; Passed 4-0 (1 recused/abstained).

4.9 Authorization to Award Contract for PLOC Pipe Lining

- Administrator Giese stated bids were opened on February 6, 2025, and four bids were received. WSB recommends the apparent low bidder, Insituform Technologies USA, LLC for award. The bid came in under the engineers opinion of estimated construction costs.
- A slim chance that construction may occur this winter, otherwise construction will be scheduled for next winter.
- On 2/11/25, the PLOC cooperators approved a recommendation to award the contract.
- Motion to authorize contracting with Insituform Technologies USA, LLC not to exceed \$701,950.15 for execution by the District Administrator, and with any further non-substantive changes on advice of legal counsel, and to authorize the District Administrator to enter into change orders or change quantities not to exceed 10% of the contract (\$70,195), by Manager Burnett; 2nd by Manager Tofanelli; Passed 5-0;

• 5.0 TREASURER'S REPORT

Treasurer Morkeberg summarized the financial information contained in the packet including:

5.1 Monthly Financial Reports

- Financial Report
- Treasurers Report
- Cash Flow Projections
- Cost Analysis

• 6.0 CONSENT AGENDA

- The consent agenda is considered as one item of business. It consists of routine administrative items or items not requiring discussion. Items can be removed from the consent agenda at the request of the Board member, staff member, or a member of the audience. Please state which item or items you wish to remove for separate discussion.
- 6.1 Meeting Minutes – January 21, 2025, Board Workshop
- 6.2 Meeting Minutes – January 21, 2025, Board Meeting
- 6.3 Meeting Minutes – December 19, 2024, CAC Meeting
- 6.4 Corrected Meeting Minutes – December 17, 2024, Board Workshop
- 6.5 Claims List and Bank Purchase Card Expenditures Summary
- 6.6 Scott SWCD 2025 Professional Services Agreement and Cost-share Docket
- 6.7 BWSR Clean Water Fund Competitive Grant Agreement
- 6.8 Revised Schedule of 2025 CAC Meetings
- 6.9 Buck Stream Stabilization Project: 2025/2026 Maintenance Agreement
- 6.10 Jeffers 10th Addition Declaration of Conservation Easement
- Motion to approve consent agenda by Manager Burnett; 2nd by Manager Morkeberg; Passed 5-0.

• 7.0 UPCOMING MEETING/EVENT SCHEDULE:

- Board of Managers Workshop, Tuesday, March 18, 2025, 4:00 pm (Prior Lake City Hall – Parkview Conference Room)

- Board of Managers Meeting, Tuesday, March 18, 2025, 6:00 pm (Prior Lake City Hall – Council Chambers)
- PLOC Cooperators Meeting, Thursday, March 27, 2025, 12:00 pm (Prior Lake City Hall – Parkview Conference Room)
- CAC Meeting, Thursday, March 27, 2025, 6:00 pm (Prior Lake City Hall – Wagon Bridge Conference Room)

- **8.0 ADJOURNMENT**

- Motion to adjourn by Manager Morkeberg; 2nd by Manager Burnett; Passed 5-0.
- Meeting adjourned at 7:55 pm.

Respectfully Submitted,
Ben Burnett, PLSLWD Secretary, 3/10/25



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

WORKSHOP MEETING MINUTES

Tuesday, March 18, 2025

Prior Lake City Hall

5:00 PM

Members Present:

Bruce Loney, Frank Boyles, Ben Burnett, Christian Morkeberg,
Matt Tofanelli

Staff & Consultants Present:

Joni Giese, District Administrator
Jeff Anderson, Water Resources Program Coordinator
Danielle Studer, Water Resources Specialist
Anne Wilkinson, EOR, District Engineer Representative

Others Present:

Jim Fitzsimmons, Scott SWCD
Loren Hanson, CAC Representative
Kim Churchill, City of Prior Lake
Lisa Quinn, Spring Lake Township

The meeting was called to order at 4:00 PM.

Goldfish in Cates Lake - Update

Water Resources Coordinator Jeff Anderson reported on the status of goldfish in Cates Lake. The board discussed options for management and monitoring of the water quality related to goldfish in Cates Lake. The Board had an interest in continuing to monitor the lake trends before undertaking any management.

Lake Ridge Estates Stormwater Retrofit Feasibility Study - Update

Water Resources Specialist Danielle Studer provided an update on the preliminary findings from the Lake Ridge Stormwater Study. The preliminary findings suggest that the stormwater ponds will provide relatively low water quality benefit, less than 1.5 lbs of phosphorus, for the cost. Danielle presented three options for moving forward. Option A would be to complete the study at its current form by incorporating the initial findings into a final report. Option B would be to complete the study at its current form by incorporating the initial findings into a final report, plus refine the watershed boundaries of the lake. Option C would be to complete the study as intended in the initial scope of work. The Board was supportive of Option B. Spring Lake Township will have input on the next steps at a special meeting on April 10, 2025.

Administrator Report

- MPCA grant has been confirmed to not be tied to federal funds, and is secure for the PLOC pipelining projects.
- Administrative Assistant position has been posted, and we have received 20 applications. Staff will start to review this week, with the goal of having a new Administrative Assistant onboard with time for some transition.
- The Joint Board and CAC meeting is scheduled for April 29, 6-8 pm in the Parkview Conference Room in Prior Lake City Hall.
- The Joint Board and CAC tour is scheduled for May 29, 4-6 pm.
- The office received a card from MN Watersheds Executive Director thanking PLSLWD for our membership.
- Will consider advantages and disadvantages of taking over the role as Drainage Authority for County Ditch 13 in upcoming month.
- WSB has been retained to conduct a feasibility study on the Fountain Hills Wetland Restoration project. Shakopee Mdewakanton Sioux Community has contributed \$10,000 to the feasibility study. PLSLWD is continuing to communicate with the developer.
- Annual audit is being conducted this Thursday and Friday.
- There is a MN Watersheds meeting on Friday. Delegates Manager Burnett and Manager Boyles will represent the District in voting matters. The focus is refining the process for submitting resolutions, primarily moving the schedule earlier in the year.

Liaison Updates**District Partner Reports**

- *Spring Lake Township*- The Township had an annual meeting in mid-March. Supervisors look forward to meeting more on the Lake Ridge study in April and have had initial discussions. The Township has an interest in staying in touch with how the Ditch Authority role transitions.
- *CAC*-The CAC has formed their subcommittees this year. Looking at some CAC trainings for CAC members and residents. Board meeting has a new member, Alanna Spotts, for approval.
- *Scott SWCD*- Activities include the Board attended a day at the Minnesota capitol lobbying for SWCD; cost share projects continue; working with PLSLWD on the 200 St Pond project; reconciling conservation easement violations; and planning for outreach to new easement holders.
- *City of Prior Lake*- None.

Manager Liaison Reports

- *CAC*- None.
- *Scott SWCD*- Reviewing cost share procedures based on a new grant.
- *Lower Minnesota Watershed District*- Still looking for a new administrator.
- *Sand Creek Township*- Expressed concern about cattails on Sutton Lake.
- *Spring Lake Township*- None.
- *Scott WMO*- Four or five new members. Had a meeting on their Watershed Management Plan.
- *Shakopee*- None.
- *SCALE* -Talked about Prior Lake Savage Area Schools and solid waste.

- *Scott County*- Approved an anaerobic digester project. Presentation on impacts of election ballot issue.
- *Minnesota Watersheds*- None.
- *PLOC Cooperators*- None.
- *Farmer-Led Council*- Speaker on the economics of low tillage methods. Discussed voting methods for decision making. Discussed incentives and cost offset philosophy.

Respectfully Submitted,
Emily Dick
3/18/2025

DRAFT



PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

REGULAR MEETING MINUTES

Tuesday, March 18, 2025

Prior Lake City Hall

6:00 PM

Members Present:

Bruce Loney, Christian Morkeberg, Frank Boyles,
Matt Tofanelli, Ben Burnett

Staff & Consultants Present:

Joni Giese, District Administrator
Jeff Anderson, Water Resources Coordinator
Emily Dick, Water Resources Project Manager
Danielle Studer, Water Resources Specialist
Anne Wilkenson, EOR, District Engineer

Others Present:

Loren Hanson, CAC Representative
Connor McComas, Blue Water Science
Alanna Spotts (new CAC member),
Kim Churchill, City of Prior Lake

• **1.0 CALL TO ORDER & PLEDGE OF ALLEGIANCE:**

Meeting was called to order by President Loney at 6:12 pm. Everyone present recited the Pledge of Allegiance.

• **2.0 SWEARING IN OF MANAGER LONEY**

Manager Loney recited the oath of office.

• **3.0 SWEARING IN OF MANAGER MORKEBERG**

Manager Morkeberg recited the oath of office.

• **4.0 PUBLIC COMMENT**

None

• **5.0 APPROVAL OF AGENDA**

- Motion to approve agenda by Manager Burnett; 2nd by Manager Morkeberg; Passed 5-0.

- **6.0 OTHER OLD/NEW BUSINESS**

- **6.1 Programs & Projects Update**

- Staff provided a report of its many activities the preceding month, and some upcoming events.
 - Staff is back in City Hall; lake level and stream sensors are being reconnected; sediment cores were collected in Upper Prior Lake; carp are not aggregating in a location conducive for a seine based on tracking; staff are in the process of renewing the District's Ferric Chloride System NPDES permit with the MPCA.
 - Projects updates: the impacts of the Sutton Lake natural drawdown on cattail is being tracked; Spring West IESF discussions with property owners are continuing; the Spring West farm nutrient loads analysis is moving forward; Ferric Chloride building improvement project is delayed due to a structure change; PLOC project could start soon, currently working on contracting, could be as soon as 4 weeks to start.

- **6.2 Approval of New CAC Member: Alanna Spotts**

- Danielle introduced Alanna Spotts and she came up and talked a bit more about herself. Alanna has lived on Fish Lake since 2013.
 - Motion to approve the appointment of Alanna Spotts to the District's Citizen Advisory Committee, by Manager Tofanelli; 2nd by Manager Morkeberg; Passed 5-0.

- **6.3 2024 Aquatic Plant Survey Results Presentation: Connor McComas**

- Jeff introduced Connor McComas from Blue Water Science
 - Connor presented their annual report. The report is available on the district website.

- **6.4 Authorization to Proceed with Ditch Petition for Swamp IESF**

- Emily presented this item. In order to construct the Swamp Lake IESF, the District must receive approval from the Ditch Authority via a ditch petition process.
 - Motion to authorize proceeding with the ditch petition process for the Swamp Iron Enhanced Sand Filter project by Manager Morkeberg; 2nd by Manager Boyles; Passed 5-0.

- **7.0 TREASURER'S REPORT**

Treasurer Morkeberg summarized the financial information contained in the packet including:

- **7.1 Monthly Financial Reports**

- Financial Report
 - Treasurers Report
 - Cash Flow Projections
 - Cost analysis

- **8.0 CONSENT AGENDA**

The consent agenda is considered as one item of business. It consists of routine administrative items or items not requiring discussion. Items can be removed from the consent agenda at the request of the Board member, staff member, or a member of the audience. Please state which item or items you wish to remove for separate discussion.

- 8.1 Meeting Minutes – January 21, 2025, Board Workshop
- 8.2 Meeting Minutes – January 21, 2025, Board Meeting
- 8.3 Claims List and Bank Purchase Card Expenditures Summary
- 8.4 Resolution 25-392: PLOC MOA Emergency Fund Interest Transfer
- 8.5 Resolution 25-393: Amending the 2025 Budget to Reflect a BWSR Grant Agreement for the Swamp Lake IESF Project
- 8.6 Resolution 25-394: Amending the 2025 Budget to Establish the Buck Stream Stabilization Project Budget Item in the Amount of \$7,500
- 8.7 2025 Boat Inspections Contract
- 8.8 2025 Aquatic Vegetation Surveys Contract
- Motion to approve consent agenda by Manager Tofanelli; 2nd by Manager Boyles; Passed 5-0.

- **9.0 UPCOMING MEETING/EVENT SCHEDULE:**

- PLOC Cooperators Meeting, Thursday, March 27, 2025, 12:00 pm (Prior Lake City Hall – Parkview Conference Room)
- CAC Meeting, Thursday, March 27, 2025, 6:00 pm (Prior Lake City Hall – Wagon Bridge Conference Room)
- Board of Managers Workshop, Tuesday, April 15, 2025, 4:00 pm (Prior Lake City Hall – Parkview Conference Room)
- Board of Managers Meeting, Tuesday, April 15, 2025, 6:00 pm (Prior Lake City Hall – Council Chambers)

- **10.0 ADJOURNMENT**

- Motion to adjourn by Manager Tofanelli; 2nd by Manager Burnett; Passed 5-0.
- Meeting adjourned at 7:11 pm

Respectfully Submitted,
Ben Burnett, PLSLWD Secretary, 4/7/25



CAC Meeting Minutes

Thursday January 30, 2025
6:00 – 7:30 PM

Attendees:

CAC Members: 7 of 8 members present = 88% (≥50%)

- ☒ Loren Hanson (via Teams)
- ☒ Ron Hoffmeyer
- ☐ Curtis Witt
- ☒ Anna Alswager
- ☒ Amy Butani
- ☒ Richard Schirber
- ☒ Ryan Murr
- ☒ Aaron Pietsch

Staff: Danielle Studer, Emily Dick.
Board members: Christian Morkeberg
Other: Lisa Quinn (Spring Lake Township)
Alanna Spotts (CAC applicant)

CAC Business 6:00 (Meeting called to order at 6:07 PM)

- Approval of the agenda:
 - Motion to approve: Anna Alswager
 - 2nd: Amy Butani
 - Motion passed
- Approval of December Minutes:
 - Motion to approve: Amy Butani
 - 2nd: Ryan Murr
 - Motion passed
- Review of Board Meetings:
 - Christian reviewed January meeting
 - Current officers will remain in place for 2025
 - Spring Lake is getting additional focus on Carp management
 - Sediment core samples on Upper Prior Lake will reveal phosphorus/sediment composition.
 - Financial aspect is strong.
- 2025 Goals and Expectations Activity
 - Committee members shared thoughts around accomplishments and participation.

- MN Watersheds Resolutions Update
 - MN Watersheds is prioritizing lobbying for a 60-day permit review period for the DNR and for MPCA and regulatory approaches to reduce chloride contamination
- Ferric Chloride Facility Update: Possible Opportunity for Youth Collaboration
 - Staff presented concept for a collaboration between CAC and youth clubs or classes to design a prototype for a “mixer” to improve Ferric Chloride Facility impacts
 - This could be a subcommittee project.
- Raymond Park Signs
 - Spring Lake Township requesting funds/or support in some fashion for sign replacement as the responsibility of Raymond Park is moving from the City of Prior Lake to the Township.
 - No decision was made at this time.
- Subcommittees
 - Vote on guiding principles.
 - Motion to approve with edits stating that committees will provide updates at each meeting: Ryan Murr
 - 2nd: Dick Schirber
 - Motion passed
 - Suggestions of subcommittees from Loren Hanson and possible point persons
 - Groundwater: Ryan Murr with Aaron Pietsch
 - Goal: Provide recommendations for topics to be studied by staff.
 - Motion to approve: Amy Butani
 - 2nd: Anna Alswager
 - Motion passed
 - Education and Outreach: Anna Alswager with Dick Schirber and Loren Hanson
 - Goal: Examine successful communications and create a list of ideas for new outreach.
 - Motion to approve: Dick Schirber
 - 2nd: Amy Butani
 - Motion passed
 - Invasive plants, species: Dick Schirber with Ron Hoffmeyer
 - Goal: Explore the topic and make recommendations of mechanical method of plant management.
 - Motion to approve: Ryan Murr
 - 2nd: Anna Alswager
 - Motion passed

- Lakeshore Impacts: Amy Butani with Loren Hanson
 - Goal: Reach out to lakeshore residents for education
 - Motion to approve: Dick Schirber
 - 2nd: Ryan Murr
 - Motion passed

Additional possibilities:

- Tabling demonstrations
 - Project grants, outside cost share scope
 - CAC training/development committee
- Elections
 - Chair: Loren Hanson
 - Motion to approve: Ron Hoffmeyer
 - 2nd: Dick Schirber
 - Motion passed
 - Vice Chair: Curtis Witt
 - Motion to approve: Amy Butani
 - 2nd: Anna Alswager
 - Motion passed
 - Secretary: Ron Hoffmeyer
 - Motion to approve: Ryan Murr
 - 2nd: Amy Butani
 - Motion passed
 - 2025 Meeting Schedule Correction. (July 24 to July 31)
 - Motion to approve: Amy Butani
 - 2nd: Anna Alswager
 - Motion passed

Motion to adjourn at 7:39 PM –

- Motion to approve: Amy Butani
- 2nd: Anna Aslwager
- Motion passed

Prior Lake Spring Lake Watershed District
Claims list for Invoice Payments due for the prior month

Managers will consider approving this claims list - Staff payroll and benefits, Manager per diems, and Health insurance premiums have already been paid via ACH transfers. After the managers vote, two Managers will approve individual payments via BILL within three days of the meeting for approved claims. Then, staff will release payment via BILL to the claims list parties.

Vendor	Invoice Link	Description	Amount
1. Watershed District Projects (excluding staff payroll)			
EOR	X		
Capital Projects		FeCl3 Site Improvements	\$ 1,964.97
		Swamp Lake IESF Final Design & CMS	\$ 30,983.30
Operations & Maintenance Projects		Desiltation Pond Outlet & High Flow ByPass FS	\$ 7,107.50
		Spring Lake Post-Alum Sediment Core Analysis	\$ 3,108.00
Planning & Program		General Engineering	\$ 1,253.50
		Capital Project Assistance-Spring West	\$ 799.50
		Capital Project Assistance- Lake Ridge	\$ 650.50
		PLOC Low Flow Gate Assessment Tasks 2 & 3	\$ 599.50
Monitoring and Research		District Monitoring Program	\$ 1,000.00
Regulation		Permitting	\$ 2,071.00
WSB	X	Carp Management Services - February 2025	\$ 2,253.57
Finch Excavating	X	Excavating Services FeCl site	\$ 9,975.00
Smith Partners	X	Water Resource Plan- 200 St Pond	\$ 953.70
		Water Resource Plan- FeCl	\$ 57.80
		Water Resource Plan- Spring West	\$ 404.60
		Water Resource Plan-Swamp IESF	\$ 1,069.30
		Permitting	\$ 671.63
Stantec	X	Lake Ridge Estates Feasibility Study	\$ 1,343.00
Xcel Energy	X	Utilities	\$ 10.84
HDR Inc.	X	Website Project Management	\$ 1,396.81
CLA		Bill.com fees	\$ 56.00
		Subtotal	\$ 67,730.02
2. Outlet Channel - JPA/MOA (excluding staff payroll)			
EOR		2024 PLOC Engineering Assistance - Seg 1	\$ 436.00
		2024 PLOC Engineering Assistance	\$ 3,292.10
CLA		PLOC Reporting	\$ 2,400.00
ABDO		Yearly Audit	\$ 2,925.00
Smith Partners		PLOC Outlet Channel Legal work	\$ 549.10
		Subtotal	\$ 9,602.20
3. Payroll, Office and Overhead			
ADP Manager Per Diems			\$ 860.00
ADP Staff Payroll			\$23,182.39
ADP Taxes & Benefits			\$ 20,559.87
NCPERS	X	May Premiums	\$ 96.00
Reliance Standard	X	April LTD and STD Premiums	\$ 1,002.28
HealthPartners	X	April Health Insurance Premiums	\$ 8,213.98
City of Prior Lake	X	Rent (May 2025)	\$ 2,458.64
ABDO	X	Yearly Audit	\$ 8,775.00
CLA	X	Monthly Accounting	\$ 1,950.00
		Technology and Client Support Fee	\$ 437.50
		Monthly Payroll Processing Fees	\$ 400.00
		Audit Prep	\$ 4,000.00
Smith Partners		General Legal & Meetings	\$ 144.50
		General Admin and Legal Services	\$ 404.60
Rymark	X	April Billing (7 workstations)	\$ 958.12
MetroSales	X	Contract Equipment rental rate March-April	\$ 155.00
	X	Contract usage rate (3/30-6/29/2025)	\$ 547.44
US Bank		February 26-March 25 Billing	\$ 4,255.43
		Subtotal	\$ 78,400.75
TOTAL CLAIMS 3/18/2025			\$ 155,732.97

Prior Lake-Spring Lake Watershed District
US Bank Transactions through 3/25/2025

Trans Date	Merchant Name	Amount	Receipt Link	Staff Approval	Class	Customer	Expense	Description
2/26/2025	USPS	\$ 2.87	x	Patty Dronen	637 Monitoring & Research	Lake Chemistry Monitoring	701 Postage	Grant mailing
2/26/2025	Harvest	\$ 756.00	x	Patty Dronen	626 Planning	Planning and Program Development	903 Dues, Fees, Subscriptions	Time card - yearly renewal
3/2/2025	Dashlane	\$ 810.00	x	Patty Dronen	626 Planning	Planning and Program Development	903 Dues, Fees, Subscriptions	Security - yearly renewal
3/3/2025	Dakotah Meadows	\$ 90.00	x	Patty Dronen	637 Monitoring & Research	Equipment Storage & Maintenance	903 Dues, Fees, Subscriptions	Storage unit
3/4/2025	Verizon	\$ 30.08	x	Jeff Anderson	637 Monitoring & Research	Equipment Storage & Maintenance	876 Field Equipment & Maintenance	Cell data
3/6/2025	Good Stuff Moving	\$ 514.10	x	Patty Dronen	405 General Fund		710 Office Expense Other	Move back to City Hall
3/7/2025	O'Reilly	\$ 227.58	x	Zach Nagel	637 Monitoring & Research	Equipment Storage & Maintenance	876 Field Equipment & Maintenance	Truck Battery
3/9/2025	Amazon	\$ 59.88	x	Zach Nagel	637 Monitoring & Research	Equipment Storage & Maintenance	876 Field Equipment & Maintenance	Life Jacket co2
3/10/2025	Microsoft	\$ 4.50	x	Patty Dronen	626 Planning	Planning and Program Development	903 Dues, Fees, Subscriptions	Software subscription
3/11/2025	Group Greeting	\$ 5.41	x	Patty Dronen	626 Planning	Staff Appreciation	710 Office Expense Other	Birthday card
3/12/2025	Jimmy Johns	\$ 192.83	x	Emily Dick	652 Education & Outreach	Farmer-Led Council	902 Meals and Lodging	FLC Meal
3/13/2025	Amazon	\$ 59.96	x	Zach Nagel	637 Monitoring & Research	Stream Monitoring	876 Field Equipment & Maintenance	Batteries - Spring Terminals
3/14/2025	Hyvee	\$ 5.97	x	Patty Dronen	626 Planning	Planning and Program Development	902 Meals and Lodging	Water for meetings
3/14/2025	Rymark	\$ 102.19	x	Patty Dronen	405 General Fund		751 Office Equipment & Maintenance	Credit Card fee added (\$2.49)
3/17/2025	BioBase LLC	\$ 1,148.00	x	Zach Nagel	637 Monitoring & Research	Aquatic Vegetation Management	876 Field Equipment & Maintenance	EcoSound Habitat software
3/17/2025	Cub Foods	\$ 12.46	x	Patty Dronen	626 Planning	Staff Appreciation	902 Meals and Lodging	Donuts for Zach's birthday
3/18/2025	Jimmy Johns	\$ 113.60	x	Patty Dronen	626 Planning	Planning and Program Development	902 Meals and Lodging	Board Manager meal
3/22/2025	Esri	\$ 120.00	x	Danielle Studer	626 Planning	Planning and Program Development	903 Dues, Fees, Subscriptions	ArcGIS Service Credit
	TOTAL	\$ 4,255.43						

PLSLWD Board Staff Report

April 8, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | Approval for Second Term on CAC: Curtis Witt

Board Meeting Date | April 15, 2025

Item No: 6.7

Prepared By | Danielle Studer, Water Resources Specialist

Attachments | None

Proposed Action | Approve Curtis Witt for a second term on the Citizen Advisory Committee

Background

The District's Citizen Advisory Committee (CAC) is composed of residents of the District and advises the Board of Managers on topics relevant to the District. The CAC is required by MN Statute 103D.331 to consist of at least 5 members appointed at the discretion of the Board of Managers.

The Citizen Advisory Committee Operating Guidelines, approved on January 25, 2024, state that "A committee member may serve no more than two consecutive terms and may reapply after a one-year absence. At the end of a committee member's term, the member must reapply for membership to the committee to be reconsidered for membership by the Board of Managers."

Discussion

Curtis Witt has served on the Citizen Advisory Committee for one term from 05/10/2022 to 3/31/2025. Curtis served as the 2024 CAC Vice Chair and is currently serving as the 2025 Vice Chair. Curtis has applied for a second term on the Citizen Advisory Committee.

Recommended Action

Staff recommend that the Board approves Curtis Witt's membership on the Citizen Advisory Committee for a second term.

Budget Impact

No budget impact.

PLSLWD Board Staff Report

April 8, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | Approval for Second Term on CAC: Ron Hoffmeyer

Board Meeting Date | April 15, 2025

Item No: 6.8
Prepared By | Danielle Studer, Water Resources Specialist

Attachments | None

Proposed Action | Approve Ron Hoffmeyer for a second term on the Citizen Advisory Committee

Background

The District's Citizen Advisory Committee (CAC) is composed of residents of the District and advises the Board of Managers on topics relevant to the District. The CAC is required by MN Statute 103D.331 to consist of at least 5 members appointed at the discretion of the Board of Managers.

The Citizen Advisory Committee Operating Guidelines, approved on January 25, 2024, state that "A committee member may serve no more than two consecutive terms and may reapply after a one-year absence. At the end of a committee member's term, the member must reapply for membership to the committee to be reconsidered for membership by the Board of Managers."

Discussion

Ron Hoffmeyer has served on the Citizen Advisory Committee for one term from 05/10/2022 to 3/31/2025. Ron served as the 2023 and 2024 CAC Secretary and is currently serving as the 2025 Secretary. Ron has applied for a second term on the Citizen Advisory Committee.

Recommended Action

Staff recommend that the Board approves Ron Hoffmeyer's membership on the Citizen Advisory Committee for a second term.

Budget Impact

No budget impact.

PLSLWD Board Staff Report

April 8, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | League of Minnesota Cities Liability Coverage Waiver

Board Meeting Date | April 15, 2025

Item No. 6.9

Prepared By | Joni Giese, District Administrator

Attachments | League of Minnesota Cities Liability Coverage – Waiver Form

Action | Motion to not waive monetary limits on municipal tort liability

Background

As a requirement of League of Minnesota Cities Insurance Trust coverage, PLSLWD must annually sign and submit a liability coverage waiver form. In 2020 through 2024, PLSLWD chose not to waive the monetary limits on municipal tort liability.

Recommendation

Staff recommends that the managers vote to select “The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by Minn. Stat. § 466.04” on the waiver form.

Budget Impact

This item does not impact the District’s budget.



LIABILITY COVERAGE WAIVER FORM

Members who obtain liability coverage through the League of Minnesota Cities Insurance Trust (LMCIT) must complete and return this form to LMCIT before their effective date of coverage. Email completed form to your city's underwriter, to psstech@lmc.org, or fax to 651.281.1298.

The decision to waive or not waive the statutory tort limits must be made annually by the member's governing body, in consultation with its attorney if necessary.

Members who obtain liability coverage from LMCIT must decide whether to waive the statutory tort liability limits to the extent of the coverage purchased. The decision has the following effects:

- *If the member does not waive the statutory tort limits*, an individual claimant could recover no more than \$500,000 on any claim to which the statutory tort limits apply. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would be limited to \$1,500,000. These statutory tort limits would apply regardless of whether the member purchases the optional LMCIT excess liability coverage.
- *If the member waives the statutory tort limits and does not purchase excess liability coverage*, a single claimant could recover up to \$2,000,000 for a single occurrence (under the waive option, the tort cap liability limits are only waived to the extent of the member's liability coverage limits, and the LMCIT per occurrence limit is \$2,000,000). The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to \$2,000,000, regardless of the number of claimants.
- *If the member waives the statutory tort limits and purchases excess liability coverage*, a single claimant could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.

Claims to which the statutory municipal tort limits do not apply are not affected by this decision.

LMCIT Member Name:

Check one:

The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#).

The member **WAIVES** the monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#), to the extent of the limits of the liability coverage obtained from LMCIT.

Date of member's governing body meeting:

Signature: _____

Position:

PLSLWD Board Staff Report

April 8, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | Quarterly Report of Investment Activities

Board Meeting Date | April 15, 2024

Item No: 6.10

Prepared By | Joni Giese, District Administrator

Attachments | None.

Proposed Action | No action requested.

Background

The Prior Lake-Spring Lake Watershed District (PLSLWD) Investment Policy and Procedure Manual – Investment of Watershed District Funds states at least quarterly, the District Administrator shall submit a written report of investment activities to the Board of Managers. This memorandum is intended to meet this District governance requirement.

Discussion

As of March 31, 2025, \$2,190,793 (53.4%) of PLSLWD funds are maintained in two money market accounts earning interest at average monthly rates of 4.289% and 4.317%. The Administrator will continue to monitor funds in the lower yield account, which is used to cover District expenses, and transfer funds from the higher yield account as needed. \$1,910,650 (46.6%) of District funds are invested in eight certificates of deposit earning interest ranging from 4.07% - 5.20%. The time and dollar weighted average portfolio yield on fixed rate investments is 4.338%. This is essentially one percentage point less than March 2024.

The CD's are structured to mature using a ladder approach with a quarter of the funds maturing approximately every three months. Using a ladder approach reduces interest rate market risk and provides availability of funds for current obligations. The next scheduled maturity and reinvestment period is mid-April. The District has adequate liquid funds on hand to cover anticipated operating costs and capital expenditures. Therefore, the funds will be reinvested for another 12-month cycle.

The direction of long-term interest rates is currently unknown.

All investments are managed through the 4M Fund, which ensures investment activity is in compliance with State Statutes and District policies.

PLSLWD Board Staff Report

April 9, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**

Subject 	Aspen Ridge Development Agreement	
Board Meeting Date 	April 15, 2025	Item No: 6.11
Prepared By 	Kristin Weinandt, Scott SWCD	
Attachments 	1) Project Location Map 2) Aspen Ridge Development Agreement	
Proposed Action 	Motion to approve the Aspen Ridge Developers Agreement, with any further non-substantive changes, contingent on closing of property and signature by Distinctive Land Development, LLC.	

Background

District Rule J requires the establishment of a vegetated buffer around wetlands and watercourses for the purpose of maintaining the long-term health and function of these resources. Rule J also requires the establishment of a permanent conservation easement over the buffers.

The conservation easement process includes acquiring a development agreement in conjunction with a conservation easement. The development agreement provides a means for the District to recover costs associated with the acquisition of the easements including title work, staff time, and engineering review. It also ensures the easement area is properly established and vegetated to filter runoff.

Discussion

Scott SWCD staff is working with the property developer Distinctive Land Development, LLC in contract with property owner for the purchase of PID: 119100120, Aspen Ridge, on behalf of the District to establish a conservation easement that will protect the required buffer in perpetuity. The location of the project is shown on the attached map.

The attached draft development agreement is based on a template developed by the District Attorney. The development agreement is a legal document that will be recorded with the Scott County Land Records Office.

Recommended Action

District staff is requesting the Board of Managers approve the Aspen Ridge Development Agreement for approval contingent on closing of property and signature by Distinctive Land Development, LLC.

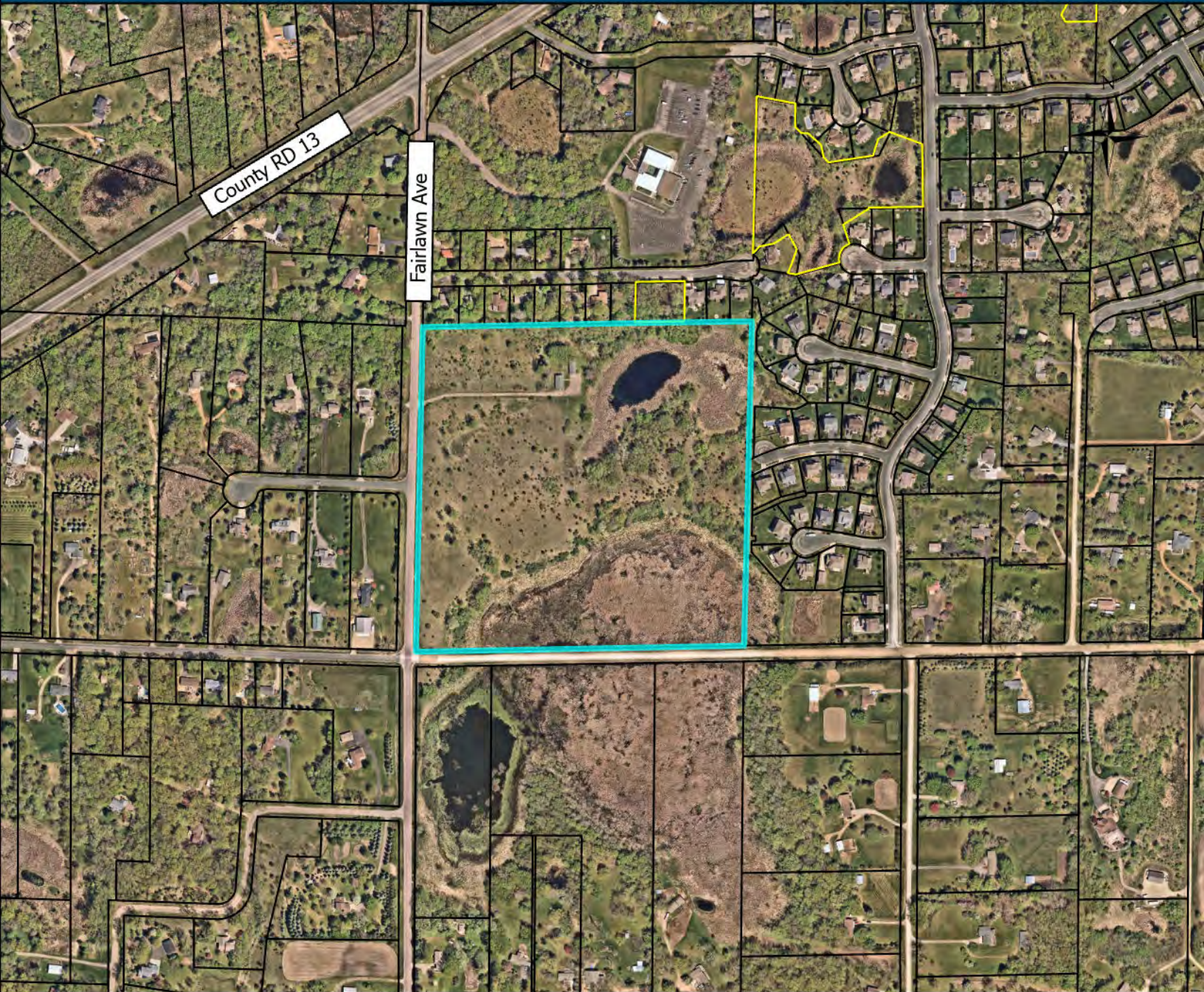
Budget Impact

No budget impact.




**PRIOR LAKE
SPRING LAKE**
WATERSHED DISTRICT

AERIAL MAP Aspen Ridge Project Location Map



Legend

 Parcels

DISCLAIMER: This information is to be used for reference purposes only. PLSLWD does not guarantee the accuracy of the material contained herein and is not responsible for misuse or misinterpretation. A survey should be completed if an exact boundary location is needed.

DEVELOPMENT AGREEMENT

This Agreement is made this _____ day of _____, 2025, between DISTINCTIVE LAND DEVELOPMENT, LLC, a Minnesota Limited Liability company (collectively the “Owner”), and the Prior Lake-Spring Lake Watershed District, a political subdivision of the State of Minnesota (“Watershed District” or “District”).

RECITALS

A. Owner is the fee owner of and is proceeding to subdivide certain land located in Scott County, Minnesota, and legally described in Exhibit A (the “Property”).

B. As a condition of the approval for the subdivision of the Property, the City of Prior Lake requires that the Declarant grant the Watershed District a conservation easement over a bufferstrip around the perimeter of wetlands and watercourses within the Project that meets the requirements of the Watershed District’s Rules (“Rules”).

C. Declarant desires to establish a conservation easement (“Conservation Easement”) under Minnesota Statutes, Chapter 84C, to create a buffer strip around the perimeter of wetlands within the Project as required by the Rules.

AGREEMENT

In consideration of the mutual covenants herein, the parties hereto agree as follows:

1. RECITALS. The foregoing recitals are true and correct and incorporated herein by this reference.

2. SURVEY. Within 30 days after this agreement has been fully executed, the Owner shall supply the Watershed District with a satisfactory legal description and survey drawing of the proposed Conservation Easement area that meets the requirements of the Rules.

3. **EASEMENT DOCUMENT.** Within 30 days after final approval of the subdivision of the Property, the Owner will properly execute and hand-deliver to the District a Conservation Easement that has been drafted by the District and meets the requirements of the Rules. The District will hold the Conservation Easement in escrow.

4. **OWNERS & ENCUMBRANCE REPORT.** The Watershed District will obtain an Owners & Encumbrance Report that includes easements for the Conservation Easement prior to its recording. If the affected area is subject to a mortgage or other encumbrance in conflict with the terms of the Conservation Easement, the Owner will work diligently to obtain a signed consent from interest holders, and to deliver the consent(s) document to the District as soon as possible. On receipt of the consent(s), the District will execute the Conservation Easement and file it for recording.

5. **BUFFER ESTABLISHMENT.** Owner shall, at its expense, establish native vegetation in the Conservation Easement in accordance with the requirements of District Rules as shown in Exhibit B, unless the District agrees in writing that the existing vegetation in the easement area is currently in a condition that meets these requirements.

6. **MONUMENTATION.** A monument shall be placed and maintained on the upland edge of the Conservation Easement boundary, at each parcel line where it crosses the Conservation Easement boundary and at each point where the bearing of the Conservation Easement boundary line changes. Monuments will have a maximum spacing of 200 feet along the edge of the buffer strip. A monument shall consist of a metal U-channel post and a buffer strip sign provided by the Watershed District, or as otherwise approved in writing by the Watershed District. The sign shall be securely mounted to a minimum height of 4 feet above grade. Removal, relocation, or damage to the monuments is prohibited. If a monument has been relocated or damaged, the Owner shall notify the District as soon as possible. If there is a subdivision after initial monumentation, monuments will be adjusted to maintain conformance with this paragraph.

7. **INDEMNITY.** Owner shall indemnify, defend and hold the District and its agents, employees, officers, and contractors, harmless from all claims made by itself and third parties for damage or loss sustained or costs incurred, in connection with or arising out of this Agreement. Costs incurred includes District staff costs, and consultant and attorney fees, incurred as a result of a claim.

8. **COSTS AND FEES.** Owner shall reimburse the District for all costs incurred in the preparation, review, implementation, and enforcement of the Conservation Easement, including but not limited to, District staff time, Owners & Encumbrances report cost, title policy cost, recording fees, new and replacement monuments, and engineering & attorneys' fees. Owner shall fully pay all invoices ("Invoices") submitted by the District for obligations incurred under this Agreement within 30 days after receipt. Amounts not so paid shall accrue interest at the rate of 8 percent per year or the maximum rate allowed by law, if less.

9. **DEFAULT.** If Owner defaults as to any obligation required by this Agreement, the District may, at its option and after not less than 7 days' notice to Owner, enter and perform the work, and Owner shall reimburse the District for all costs incurred thereby. In the event of an emergency as determined by the District, the requirement of 7 days advance notice of default shall be waived.

10. **DURATION.** This Agreement shall terminate on the date that the Watershed District provides formal written documentation that the Conservation Easement has been planted and fully established in accordance with Exhibit B, meets all Rule requirements, and that all reimbursable costs incurred by the District have been paid. At Owner's request, the District will execute a notice of termination that Owner may record on the title.

11. **ESCROW; SURVIVAL.** Notwithstanding the foregoing paragraph 10, as a prerequisite to termination, Owner will provide the District with a cash escrow to ensure the protection and, if necessary, restoration of Conservation Area vegetation in accordance with Exhibit B, and the required installation of buffer signs. The amount of the escrow will be calculated based on a rate of \$.05 per square foot of buffer area when the final area of the buffer is determined, and shall be remitted along with the signed Conservation Easement under Paragraph 3. The District will hold the funds in escrow, may commingle the funds with other similar escrow funds, and with 7 days' notice may use the funds for the purpose of securing vegetation establishment and fence removal in accordance with Exhibit B. When establishment has been completed, the District will return remaining escrow funds to Owner, less the amount of any unpaid invoices. The District is not obligated to hold the funds in an interest-bearing account, but if the funds have accrued interest, it will be included in the sum returned. The establishment requirement of paragraph 5 and the escrow requirement of this paragraph 11 will survive termination of the Agreement.

12. **BINDING EFFECT.** This Agreement shall run with the land and bind and inure to the benefit of the parties hereto and their respective heirs, successors and assign. However, Owner and each successor record owner of the Property shall be fully discharged and relieved of liability under this Agreement upon ceasing to own any interest in the Property and paying all amounts and performing all obligations hereunder to the time ownership terminates.

13. **RECORDING.** Owner shall provide the signed original copy of this agreement to the District for recording. Owner shall be responsible for payment of the recording fee(s) and if such fee(s) are advanced by the District, Owner shall reimburse the District for those fee(s).

14. **MISCELLANEOUS.**

(a) The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of any other provision.

(b) The failure of the District to insist on compliance or enforcement of any provision of this Agreement shall not affect the validity or enforceability or constitute a waiver of future enforcement of that provision or any other provision by the District.

(c) All notices under this Agreement shall be deemed to be sent or delivered when personally delivered to the recipient or when mailed by certified or registered mail, postage prepaid, addressed to Owner 18466 Kenyon Avenue, Suite 100, Lakeville, MN 55044 or other place of business, and to the Watershed District at 4646 Dakota Street SE, Prior Lake, Minnesota 55372, or at such other address as either party may hereafter designate inwriting to the other.

(d) This Agreement shall be subject to and governed by Minnesota law.

IN WITNESS WHEREOF, the Owner has voluntarily executed this Development Agreement on this _____ day of _____, 2025.

OWNER: Distinctive Land Development, LLC

By: _____
Matt Odenthal

Its: Chief Manager

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this _____ day of _____, 2025, by Matt Odenthal, the Chief Manager of Distinctive Land Development, LLC, on behalf of the Company.

Notary Public

My Commission Expires: _____

ACCEPTANCE

The Prior Lake-Spring Lake Watershed District hereby accepts the foregoing Development Agreement this _____ day of _____, 2025.

PRIOR LAKE-SPRING LAKE WATERSHED
DISTRICT

By: _____
Joni Giese

Title: District Administrator

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this _____ day of _____, 2025, by Joni Giese, as the District Administrator of the Prior Lake-Spring Lake Watershed District, a political subdivision under Minnesota law.

Notary Public

My Commission Expires: _____

This instrument was drafted by:
Prior Lake-Spring Lake Watershed District
4646 Dakota Street SE
Prior Lake, MN 55372

Return to:
Prior Lake-Spring Lake Watershed District
4646 Dakota Street SE
Prior Lake, MN 55372

EXHIBIT A:

LEGAL DESCRIPTION OF PROPERTY:

The Southwest Quarter (SW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$) of Section Ten (10), Township One Hundred Fourteen (114), Range Twenty-two (22), Scott County, Minnesota.

DRAFT

EXHIBIT B:

Excerpt from Watershed District Rules

Rule J, Section 4 (c):

All open areas within the buffer strip shall be seeded or planted in accordance with Paragraph 8 below. All seeding or planting shall be completed prior to removal of any erosion and sediment control measures. If construction is completed after the end of the growing season, erosion and sediment control measures shall be left in place and all disturbed areas shall be mulched for protection over the winter season.

Rule J, Section 8:

8. VEGETATION:

- (a) Where acceptable natural vegetation exists in buffer strip areas, the retention of such vegetation in an undisturbed state is required unless an applicant receives approval to replace such vegetation. A buffer strip has acceptable natural vegetation if it:
 - (i) Has a continuous, dense layer of perennial grasses that has been uncultivated or unbroken for at least 5 consecutive years; or
 - (ii) Has an overstory of trees and/or shrubs that has been uncultivated or unbroken for at least 5 consecutive years; or
 - (iii) Contains a mixture of the plant communities described in Subparagraphs 8(a)(i) and (ii).
- (b) Notwithstanding the performance standards set forth in Paragraph 8(a), the managers may determine existing buffer strip vegetation to be unacceptable if:
 - (i) It is composed of undesirable plant species including but not limited to common buckthorn, purple loosestrife, leafy spurge or noxious weeds; or
 - (ii) It has topography that tends to channelize the flow of runoff; or
 - (iii) For some other reason it is unlikely to retain nutrients and sediment.
- (c) Where buffer strips are not vegetated or have been cultivated or otherwise disturbed within 5 years of the permit application, such areas shall be replanted and maintained. The buffer strip plantings must be identified on the permit application. The buffer strip landscaping shall comply with the following standards:
 - (i) Buffer strips shall be planted with a seed mix approved by MnDOT, NRCS or SWCD, with the exception of a one-time planting with an annual nurse or cover crop such as oats or rye in addition to the native seed mix.
 - (ii) The seed mix shall be broadcast according to MnDOT, NRCS or SWCD specifications of the selected mix. The annual nurse or cover crop shall be applied at a minimum rate of 30 pounds per acre. The MnDOT or NRCS seed

mix selected for permanent cover shall be appropriate for soil site conditions and free of invasive species. MnDOT, NRCS or SWCD approved mixtures appropriate for specific soil and moisture conditions can be used to meet these requirements.

- (iii) Native shrubs may be substituted for native forbs. All substitutions must be approved by the District. Shrubs shall be distributed so as to provide a natural appearance and shall not be planted in rows.
 - (iv) Any groundcover or shrub plantings installed within the buffer strip are independent of any landscaping required elsewhere by the municipality or county.
 - (v) Grasses and forbs shall be seeded or planted by a qualified contractor. The method of application shall be approved by the District prior to planting or seeding.
 - (vi) No fertilizer shall be used in establishing new buffer strips, except on highly disturbed sites when necessary to establish acceptable buffer strip vegetation and then limited to amounts indicated by an accredited soil testing laboratory.
 - (vii) All seeded areas shall be mulched immediately with clean straw at a rate of 1.5 tons per acre. Mulch shall be anchored with a disk or tackifier.
 - (viii) Buffer strips (both natural and created) shall be protected by erosion and sediment control measures during construction in accordance with Rule E. The erosion and sediment control measures shall remain in place until the area crop is established.
- (d) Buffer strip vegetation shall be established and maintained in accordance with the requirements found in this Paragraph 8 based on an Establishment Plan submitted by the applicant and approved by the District prior to permit issuance and meeting the following requirements:
- (i) Establishment plans must extend for the period beginning at the time of planting and extending two full years from completion of initial planting and mulching operations.
 - (ii) Establishment plans must include an irrigation or watering plan for the period beginning at the time of planting and extending one full year from completion of initial planting and mulching operations.
 - (iii) Establishment plans must include replacement of any buffer strip vegetation that does not survive during the two-year period extending from the completion of the initial planting and mulching operations. Establishment maintenance and watering of replaced buffer strip vegetation shall extend one full year from completion of replacement planting and mulching operations.
 - (iv) The owner shall be responsible for reseeding and/or replanting if the buffer strip vegetation does not survive at any time through human intervention or activities.
 - (v) Establishment plans must include a schedule for weeding throughout the duration of the plan.

- (vi) Establishment plans must be accompanied by an escrow account for the term of the establishment plan. At the end of the term of the establishment plan the balance of the account shall be returned to the permittee, less the amount required to complete the establishment of acceptable natural vegetation (if any).

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PLSLWD Board Staff Report

April 9, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**

Subject 	Aspen Ridge Declaration of Conservation Easement	
Board Meeting Date 	April 15, 2025	Item No: 6.12
Prepared By 	Kristin Weinandt, Scott SWCD	
Attachments 	1) Project Location Map 2) Aspen Ridge Declaration of Conservation Easement	
Proposed Action 	Motion to approve the Aspen Ridge Declaration of Conservation Easement, with any further non-substantive changes, contingent on closing of property and signature by Distinctive Land Development, LLC.	

Background

District Rule J requires the establishment of a vegetated buffer around wetlands and watercourses for the purpose of maintaining the long-term health and function of these resources. Rule J also requires the establishment of a permanent conservation easement over the buffers.

The conservation easement process includes acquiring a development agreement in conjunction with a conservation easement. The development agreement provides a means for the District to recover costs associated with the acquisition of the easements including title work, staff time, and engineering review. It also ensures the easement area is properly established and vegetated to filter runoff.

Discussion

Scott SWCD staff is working with the property developer Distinctive Land Development, LLC in contract with property owner for the purchase of PID: 119100120, on behalf of the District to establish a conservation easement that will protect the required buffer in perpetuity on purposed Aspen Ridge. The location of the project is shown on the attached map.

The attached draft Declaration of Conservation Easement is based on a template developed by the District Attorney. The Declaration of Conservation Easement is a legal document that will be recorded with the Scott County Land Records Office.

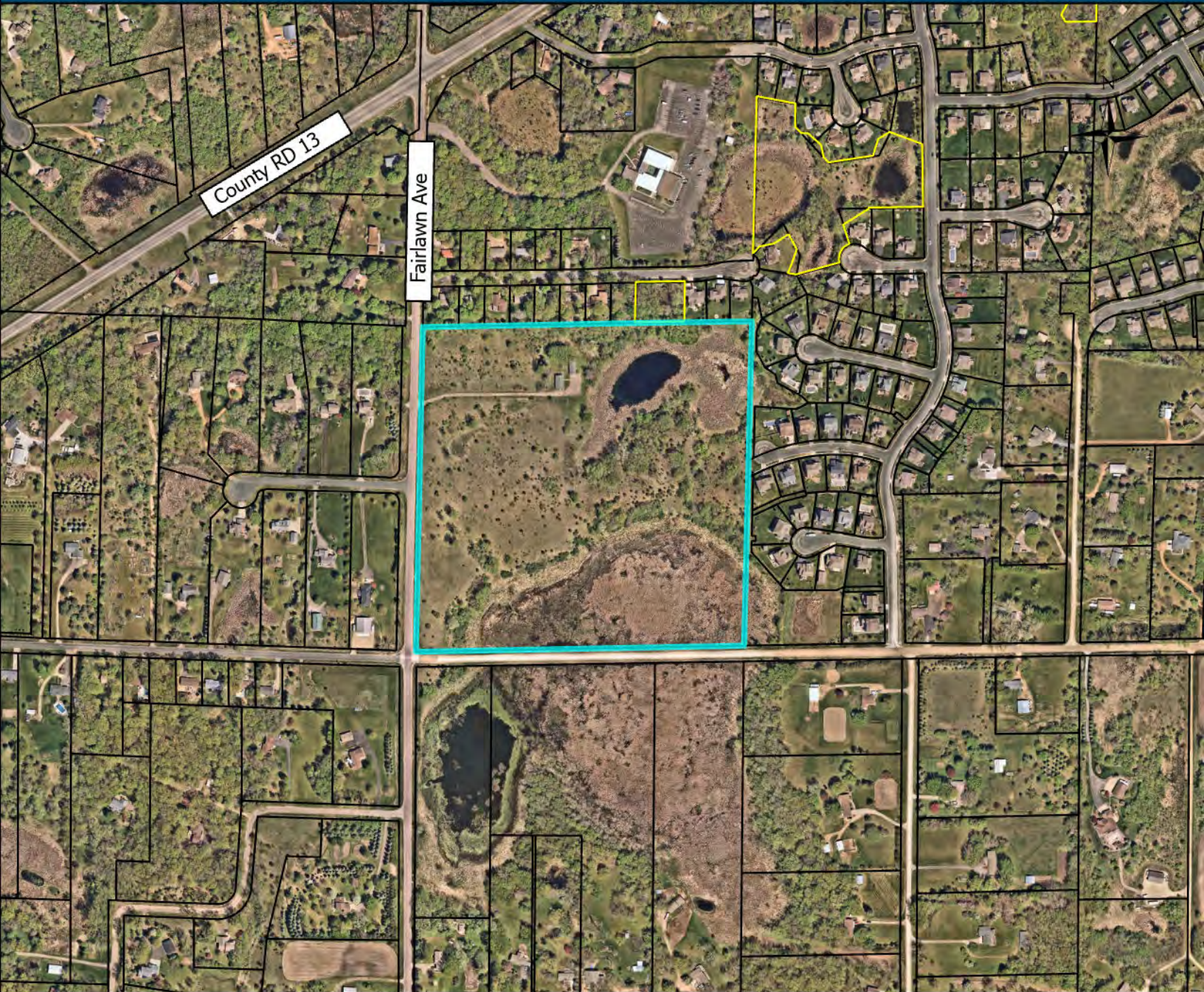
Recommendation

District staff is requesting the Board of Managers approve Aspen Ridge Declaration of Conservation Easement contingent on closing of property and signature by Distinctive Land Development, LLC.




**PRIOR LAKE
SPRING LAKE**
WATERSHED DISTRICT

AERIAL MAP Aspen Ridge Project Location Map



Legend

 Parcels

DISCLAIMER: This information is to be used for reference purposes only. PLSLWD does not guarantee the accuracy of the material contained herein and is not responsible for misuse or misinterpretation. A survey should be completed if an exact boundary location is needed.

DECLARATION OF CONSERVATION EASEMENT

This Declaration is made this _____ day of _____, 2025, by DISTINCTIVE LAND DEVELOPMENT, LLC, a Minnesota Limited Liability company (the “Declarant”).

RECITALS

Declarant owns land related to the subdivision of Aspen Ridge in Prior Lake, Minnesota, described on the attached Exhibit A (the “Property”). As conditions of the approval of the plat of Aspen Ridge, the City of Prior Lake required that the Declarant establish, to the benefit of the Prior Lake-Spring Lake Watershed District (“Watershed District”), a conservation easement over buffer strips around the perimeter of wetlands within the Property in accordance with the requirements of the Watershed District’s Rules (“Rules”). Declarant desires to establish a conservation easement under Minnesota Statutes, Chapter 84C, to create a buffer strip around the perimeter of wetlands (both existing and to be created) within the Property.

DECLARATION

NOW, THEREFORE, Declarant hereby declares that the portion of the Property described on the attached Exhibit B (“Easement Area”) and depicted in Exhibit C (Surveyed Drawing) shall be held, sold, conveyed and occupied subject to the following easements and restrictions (the “Conservation Easement”), which shall be perpetual and run with the Property and bind each owner (“Owner”) and all other persons having any right, title or interest in the Property or any part thereof, their heirs, representatives, successors and assigns, and shall inure to the benefit of the Watershed District, and its successors and assigns.

1. PRESERVATION. Declarant will permanently retain the Easement Area in its predominantly natural condition and prevent or remedy any subsequent activity or use that impairs or interferes with its function as a buffer strip.

2. RESTRICTIONS. The following restrictions shall apply to the Easement Area:

(a) The Easement Area shall be preserved predominantly in its natural condition. No trees, shrubs, or other vegetation that are not indigenous or naturalized to the State of Minnesota

shall be planted upon the Easement Area; and no trees, shrubs, or other vegetation shall be removed from the Easement Area without the prior written consent of the Watershed District.

(b) Buffer strip vegetation shall be established and maintained within the Easement Area in accordance with the Rules. There will be no grading or other disturbance of the soil within the Conservation Easement except as incidental to vegetation planting and removal. No structure or paved surface will be placed temporarily or permanently within the Conservation Easement.

(c) Easement identification monuments must be placed and maintained by the Declarant at the boundaries of the Easement Area as required by the Rules. Monuments will be placed and maintained on the upland edge of the Conservation Easement boundary, at each parcel line where it crosses the Conservation Easement boundary, and at each point where the bearing of the Conservation Easement boundary line changes. Monuments will have a maximum spacing of 200 feet along the edge of the buffer strip. The placement of monuments may be adjusted to allow for reasonable application of Rule requirements based on site-specific conditions, subject to prior written authorization by the Watershed District. A monument shall consist of a metal U-channel post and a buffer strip sign provided by the Watershed District, or as otherwise approved in writing by the Watershed District. The sign shall be securely mounted to a minimum height of 4 feet above grade. Removal, relocation, or damage to the monuments is prohibited. If a monument has been relocated or damaged, the Owner shall notify the District as soon as possible. If there is a subdivision after initial monumentation, monuments will be adjusted to maintain conformance with this paragraph.

(d) Subject to Section 3 below, alterations including building, storage, paving, mowing, plowing, introduction of noxious vegetation, cutting, dredging, filling, mining, dumping, grazing livestock, agricultural production, yard waste disposal or fertilizer application, are prohibited within the Easement Area. Noxious vegetation, such as European buckthorn, purple loosestrife and reed canary grass, may be removed as long as the Easement Area is maintained to the standards required by the Rules and with a two-week advance written notice to the Watershed District. Notwithstanding the foregoing, Declarant may plant to enhance the natural vegetation or selectively clear or prune trees or vegetation that are dead, diseased or otherwise pose hazards with written consent from the Watershed District.

3. AUTHORIZED USES. The following activities are not prohibited alterations under Paragraph 2(d) above:

(a) Placement, maintenance, repair or replacement of utility and drainage systems that exist on creation of the buffer strip or are required to comply with any subdivision approval or building permit obtained from the municipality or county, so long as any adverse impacts of utility or drainage systems on the function of the buffer strip have been avoided or minimized to the extent possible; and

(b) Construction, maintenance, repair, reconstruction, or replacement of existing and future public roads crossing the buffer strip, so long as any adverse impacts of the road on the function of the buffer strip have been avoided or minimized to the extent possible.

(c) Construction, maintenance, repair, reconstruction, or replacement of a retaining wall within the Easement starting at the east lot line of Lot 3 Block 2 and continuing westward through Lot 4 Block 2 and Lot 5 Block 2, and ending at west property line of Lot 6, Block 2, for a total length of approximately 260 feet, as depicted in Exhibit D, attached hereto.

4. ENTRY. The Watershed District, and its agents, employees, managers and contractors, may enter the Property (but not any structure or improvements) at reasonable times to monitor subsequent activities and uses, perform work, and enforce this Declaration. The Watershed District shall give reasonable prior notice to the Owner of all such entries and shall not unreasonably interfere with the Owner's use and quiet enjoyment of the Property. This Declaration grants no right of access or entry on the Property to the general public.

6. COSTS AND FEES. The Owner shall reimburse the Watershed District for all costs incurred in the enforcement of this Declaration, including Watershed District staff costs and engineering and attorneys' fees. The Owner shall fully pay all invoices submitted by the Watershed District for obligations incurred under this Declaration within 7 days after receipt. Amounts not so paid shall accrue interest at the rate of 8 percent per year, or the maximum rate allowed by law, if lower.

7. MISCELLANEOUS.

(a) Unless the context otherwise requires, a reference in this Declaration to the Rules adopted by the Watershed District means the Rules, as amended, in effect at the time of their application.

(b) Each Owner, including Declarant, and each successor record owner of the Property shall be fully discharged and relieved of liability under this Declaration upon ceasing to own any interest in the Property and paying all amounts and performing all obligations hereunder to the time such ownership terminates.

(c) This Declaration may be amended only by a writing duly signed and notarized by Owner and the Watershed District.

(d) Enforcement of this Declaration shall be by proceedings at law or in equity against any person violating or attempting to violate these restrictions either to restrain the violation or to recover damages. The failure to enforce any of the restrictions shall not be deemed to be a waiver of the right to do so thereafter. A party seeking enforcement of this Declaration shall be entitled to recover from the party violating the restrictions, reimbursement for all costs and expenses of litigation including reasonable attorneys' fees and other costs incurred in attempting to secure such relief.

(e) This document is to be finalized, signed/notarized by both parties, and recorded before the developer may sell any of the lots.

(f) Invalidation of any provision of this Declaration shall not affect the remaining provisions, which shall continue in full force and effect.

IN WITNESS WHEREOF, the Declarant has voluntarily executed this Agreement on this _____ day of _____, 2025.

DECLARANT _____ :

Distinctive Land Development, LLC

By: _____
Matt Odenthal

Its: Chief Manager

STATE OF MINNESOTA)
)SS
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this _____ day of _____, 2025, by Matt Odenthal, the Chief Manager of Distinctive Land Development, LLC, on behalf of the Company.

Notary Public

My Commission Expires: _____

ACCEPTANCE

The Watershed District hereby accepts the foregoing Conservation Easements pursuant to Minnesota Statutes, Section 84C.02, on this _____ day of _____, 2025.

PRIOR LAKE - SPRING LAKE WATERSHED DISTRICT

By: _____
Joni Giese

Its: District Administrator

[illegible]

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by Joni Giese, the Administrator of the PRIOR LAKE-SPRING LAKE WATERSHED DISTRICT, a political subdivision under Minnesota law, on its behalf.

Notary Public

My Commission Expires: _____

This instrument was drafted by:
Prior Lake-Spring Lake Watershed District
4646 Dakota Street SE, Prior Lake, MN 55372

EXHIBIT A

LEGAL DESCRIPTION OF PROPERTY

The Southwest Quarter (SW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$) of Section Ten (10), Township One Hundred Fourteen (114), Range Twenty-two (22), Scott County, Minnesota.

DRAFT

EXHIBIT B

LEGAL DESCRIPTION OF EASEMENT AREAS

Wetland Buffer Easement Description (South)

A wetland buffer easement over, under, and across that part of Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, and 17, Block 2, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the southwest corner of said Lot 17;
thence on an assumed bearing of North 88 degrees 46 minutes 27 seconds East, along the south line of said Lot 17, a distance of 48.50 feet to the point of beginning;
thence North 12 degrees 00 minutes 31 seconds East, a distance of 119.41 feet to the east line of said Lot 17;
thence North 34 degrees 23 minutes 07 seconds East, a distance of 129.29 feet to the east line of said Lot 16;
thence North 65 degrees 19 minutes 16 seconds East, a distance of 156.14 feet to the east line of said Lot 14;
thence North 63 degrees 48 minutes 01 seconds East, a distance of 173.47 feet to the east line of said Lot 12;
thence North 56 degrees 05 minutes 13 seconds East, a distance of 112.15 feet to the east line of said Lot 11;
thence North 71 degrees 23 minutes 24 seconds East, along the survey line of said Lots 9 and 10, a distance of 157.73 feet to the east line of said Lot 9;
thence North 70 degrees 31 minutes 25 seconds East, along the survey line of said Lot 8, a distance of 66.08 feet to the east line of said Lot 8;
thence North 83 degrees 04 minutes 11 seconds East, along the survey line of said Lots 5, 6 and 7, a distance of 180.56 feet to the east line of said Lot 5;
thence South 66 degrees 58 minutes 56 seconds East, along the survey line of said Lot 4, a distance of 68.55 feet to the east line of said Lot 4;
thence South 79 degrees 21 minutes 42 seconds East, along the survey line of said Lot 3, a distance of 78.05 feet to the east line of said Lot 3;
thence South 86 degrees 49 minutes 43 seconds East, along the survey line of said Lot 2, a distance of 66.04 feet to the east line of said Lot 2;
thence South 52 degrees 28 minutes 03 seconds East, along the survey line of said Lot 1, a distance of 86.82 feet to the east line of said Lot 1;
thence South 01 degrees 09 minutes 06 seconds West, along said east line, a distance of 90.80 feet;
thence North 40 degrees 54 minutes 30 seconds West, a distance of 61.16 feet;
thence North 58 degrees 46 minutes 47 seconds West, a distance of 98.03 feet;
thence North 46 degrees 16 minutes 52 seconds West, a distance of 31.91 feet;
thence North 66 degrees 51 minutes 43 seconds West, a distance of 98.20 feet;
thence North 73 degrees 52 minutes 00 seconds West, a distance of 52.61 feet;
thence South 72 degrees 19 minutes 50 seconds West, a distance of 51.85 feet;
thence South 85 degrees 16 minutes 00 seconds West, a distance of 65.56 feet;
thence South 71 degrees 40 minutes 26 seconds West, a distance of 91.23 feet;
thence South 54 degrees 02 minutes 45 seconds West, a distance of 44.33 feet;
thence North 89 degrees 59 minutes 03 seconds West, a distance of 37.26 feet;
thence South 58 degrees 38 minutes 15 seconds West, a distance of 74.87 feet;
thence South 45 degrees 11 minutes 53 seconds West, a distance of 84.37 feet;
thence South 65 degrees 54 minutes 59 seconds West, a distance of 47.65 feet;

thence South 86 degrees 22 minutes 15 seconds West, a distance of 38.34 feet;
thence South 63 degrees 46 minutes 46 seconds West, a distance of 139.01 feet;
thence South 54 degrees 17 minutes 58 seconds West, a distance of 76.88 feet;
thence South 83 degrees 53 minutes 35 seconds West, a distance of 37.13 feet;
thence South 59 degrees 01 minutes 45 seconds West, a distance of 35.66 feet;
thence South 42 degrees 08 minutes 59 seconds West, a distance of 47.67 feet;
thence South 33 degrees 40 minutes 45 seconds West, a distance of 55.17 feet;
thence South 13 degrees 38 minutes 27 seconds West, a distance of 74.92 feet;
thence South 04 degrees 41 minutes 23 seconds East, a distance of 25.98 feet to the south line of said Block 2;
thence South 88 degrees 46 minutes 27 seconds West, along said south line, a distance of 45.08 feet to the point of beginning and there terminating.

Easement Area: 57,980 sq. ft.

Wetland Buffer Easement Description (NW)

A wetland buffer easement over, under, and across that part of Lots 1, 4, 5, 6, and 7, Block 1, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the southeast corner of said Lot 1;

thence on an assumed bearing of North 88 degrees 23 minutes 38 seconds West, along the south line of said Lot 1, a distance of 86.14 feet to the actual point of beginning;

thence continuing North 88 degrees 23 minutes 38 seconds West, along said south line, a distance of 49.05 feet

thence, North 00 degrees 53 minutes 16 seconds East, a distance of 53.71 feet;

thence North 32 degrees 52 minutes 11 seconds West, a distance of 72.50 feet;

thence North 13 degrees 04 minutes 26 seconds East, a distance of 40.97 feet;

thence North 43 degrees 57 minutes 21 seconds East, a distance of 66.92 feet;

thence North 75 degrees 12 minutes 01 seconds East, a distance of 34.47 feet to the east line of said Lot 7;

thence North 04 degrees 44 minutes 58 seconds East, along said east line, a distance of 30.47 feet to the survey line of said Lot 6;

thence North 84 degrees 05 minutes 50 seconds East, along said survey line, a distance of 64.29 feet;

thence North 58 degrees 05 minutes 06 seconds East, continuing along said survey line, a distance of 54.30 feet to the southwest line of said Lot 5;

thence North 47 degrees 31 minutes 09 seconds East, along the survey line of said Lot 5, a distance of 80.12 feet;

thence North 26 degrees 56 minutes 21 seconds West, continuing along said survey line, a distance of 88.23 feet to the easterly point of curvature of said Lot 5;

thence southeasterly along the southwesterly right of way of Winfield Court 225.55 feet along a non-tangential curve concave to the southwest, having a radius of 125.00 feet, a central angle of 103 degrees 22 minutes 59 seconds, and a chord that bears South 54 degrees 13 minutes 59 seconds East, a distance of 196.17 feet to the northerly point of curvature of said Lot 4;

thence continuing southerly along said right of way 71.91 feet along a compound curve concave to the west, having a radius of 245.00 feet and a central angle of 16 degrees 49 minutes 03 seconds, tangent to the previously described curve, to the survey line of said Lot 4;

thence North 89 degrees 33 minutes 13 seconds West, along said survey line, not tangent to the last described curve, a distance of 123.39 feet;

thence South 58 degrees 57 minutes 28 seconds West, continuing along said survey line, a distance of 44.04 feet;

thence South 30 degrees 29 minutes 45 seconds West, continuing along said survey line, a distance of 66.27 feet to the southwest corner of said Lot 4;

thence South 50 degrees 29 minutes 20 seconds West, along the survey line of said Lot 1, a distance of 106.93 feet;

thence South 24 degrees 32 minutes 34 seconds West, continuing along said survey line, a distance of 37.36 feet;

thence South 09 degrees 50 minutes 57 seconds East, continuing along said survey line, a distance of 45.18 feet to the point of beginning.

EXCEPT

That part of Lots 1, 6, and 7, Block 1, said ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the northeast corner of said Lot 7;

thence South 04 degrees 44 minutes 58 seconds West, along the east line of said Lot 7, a distance of 158.42 feet to the point of beginning;

thence North 78 degrees 44 minutes 55 seconds East, a distance of 22.93 feet;

thence North 71 degrees 34 minutes 54 seconds East, a distance of 43.55 feet;

thence South 61 degrees 41 minutes 03 seconds East, a distance of 18.51 feet;

thence South 21 degrees 38 minutes 00 seconds West, a distance of 16.27 feet;
thence South 64 degrees 29 minutes 37 seconds West, a distance of 45.41 feet;
thence South 32 degrees 57 minutes 30 seconds West, a distance of 22.90 feet;
thence South 09 degrees 03 minutes 50 seconds West, a distance of 39.34 feet;
thence South 37 degrees 10 minutes 00 seconds West, a distance of 28.34 feet;
thence South 66 degrees 41 minutes 56 seconds West, a distance of 17.89 feet;
thence North 89 degrees 09 minutes 13 seconds West, a distance of 23.49 feet;
thence North 49 degrees 41 minutes 02 seconds West, a distance of 20.68 feet;
thence North 32 degrees 52 minutes 11 seconds West, a distance of 24.62 feet;
thence North 13 degrees 04 minutes 26 seconds East, a distance of 21.20 feet;
thence North 28 degrees 57 minutes 35 seconds East, a distance of 18.07 feet;
thence North 43 degrees 54 minutes 22 seconds East, a distance of 52.39 feet;
thence North 78 degrees 44 minutes 55 seconds East, a distance of 22.26 feet to the point of beginning and there terminating.

AND EXCEPT

That part of Lots 4, 5, and 6, Block 1, said ASPEN RIDGE, described as follows:

Commencing at the northwest corner of said Lot 5;

thence South 31 degrees 54 minutes 54 seconds East, along the southwest line of said Lot 5, a distance of 130.94 feet to the point of beginning;
thence North 54 degrees 18 minutes 47 seconds East, a distance of 20.95 feet;
thence North 31 degrees 10 minutes 35 seconds East, a distance of 35.90 feet;
thence North 78 degrees 37 minutes 53 seconds East, a distance of 21.05 feet;
thence North 55 degrees 51 minutes 27 seconds East, a distance of 9.38 feet;
thence North 28 degrees 55 minutes 56 seconds West, a distance of 10.64 feet;
thence North 60 degrees 09 minutes 46 seconds East, a distance of 12.23 feet;
thence North 89 degrees 53 minutes 14 seconds East, a distance of 41.74 feet;
thence South 21 degrees 45 minutes 01 seconds East, a distance of 27.56 feet;
thence South 35 degrees 16 minutes 48 seconds West, a distance of 22.48 feet;
thence South 49 degrees 53 minutes 38 seconds West, a distance of 30.86 feet;
thence South 71 degrees 26 minutes 01 seconds West, a distance of 38.24 feet;
thence South 85 degrees 16 minutes 37 seconds West, a distance of 47.54 feet;
thence North 05 degrees 35 minutes 18 seconds West, a distance of 12.15 feet to the point of beginning and there terminating.

Easement Area: 39,038 sq. ft.

Easement Description Wetland Buffer (NE)

A wetland buffer easement over, under, and across that part of Lots 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, and 28, Block 1, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the most westerly corner of said Lot 16;
thence on an assumed bearing of North 57 degrees 39 minutes 40 seconds East, along the northwest line of said Lot 16, a distance of 267.93 feet to the point of beginning;
thence South 26 degrees 39 minutes 35 seconds West, a distance of 156.28 feet to an angle point of the survey line of said Lot 16;
thence South 11 degrees 34 minutes 31 seconds West, along said survey line a distance of 26.89 feet to the north line of said Lot 17;
thence South 01 degrees 15 minutes 36 seconds West, along the survey line of said Lot 17, a distance of 96.24 feet to the north line of said Lot 18;
thence South 07 degrees 11 minutes 08 seconds East, along the survey line of said Lot 18, a distance of 55.58 feet;
thence South 31 degrees 43 minutes 57 seconds West, continuing along said survey line, a distance of 33.17 feet to the north line of said Lot 19;
thence South 29 degrees 05 minutes 56 seconds West, along the survey line of said Lot 19, a distance of 68.70 feet to the north line of said Lot 20;
thence South 08 degrees 07 minutes 41 seconds West, along the survey line of said Lot 20, a distance of 66.24 feet to the north line of said Lot 21;
thence South 07 degrees 14 minutes 53 seconds West, a distance of 64.46 feet to the north right of way line of Winfield Way SW;
thence northeasterly along said right of way 105.27 feet along a non-tangential curve, concave to the north, having a radius of 470.00 feet, a central angle of 12 degrees 49 minutes 58 seconds, and a chord that bears North 73 degrees 28 minutes 25 seconds East, a distance of 105.05 feet to the southerly point of curvature of said Lot 22;
thence continuing easterly along said right of way 110.03 feet along a reverse curve concave to the south, having a radius of 530.00 feet and a central angle of 11 degrees 53 minutes 42 seconds to the survey line of said Lot 22;
thence North 09 degrees 57 minutes 30 seconds East, along said survey line, not tangent to the last described curve, a distance of 134.92 feet;
thence North 40 degrees 22 minutes 15 seconds East, continuing along said survey line, a distance of 50.75 feet;
thence North 76 degrees 49 minutes 38 seconds East, continuing along said survey line, a distance of 39.34 feet to the west line of said Lot 23;
thence North 87 degrees 03 minutes 24 seconds East, along the survey line of said Lot 23, a distance of 79.75 feet to the west line of said Lot 24;
thence South 50 degrees 44 minutes 48 seconds East, along the survey line of said Lot 24, a distance of 50.51 feet;
thence South 87 degrees 40 minutes 46 seconds East, continuing along said survey line, a distance of 39.36 feet to the west line of said Lot 25;
thence South 47 degrees 57 minutes 23 seconds East, along the survey line of said Lot 25, a distance of 75.73 feet to the west line of said Lot 26;
thence South 84 degrees 13 minutes 25 seconds East, along the survey line of said Lot 26, a distance of 60.68 feet to the west line of said Lot 27;
thence North 80 degrees 46 minutes 04 seconds East, along the survey line of said Lot 27, a distance of 67.10 feet to the west line of said Lot 28;
thence North 64 degrees 40 minutes 33 seconds East, along the survey line of said Lot 28, a distance of 77.95 feet to the east line of said Block 1;

thence North 01 degrees 09 minutes 06 seconds East, along said east line a distance of 156.66 feet;
thence South 17 degrees 10 minutes 52 seconds West, a distance of 27.80 feet;
thence South 33 degrees 45 minutes 36 seconds West, a distance of 45.98 feet;
thence South 21 degrees 38 minutes 08 seconds West, a distance of 44.45 feet;
thence South 13 degrees 12 minutes 35 seconds West, a distance of 27.21 feet;
thence South 46 degrees 49 minutes 12 seconds West, a distance of 27.92 feet;
thence South 77 degrees 07 minutes 10 seconds West, a distance of 49.05 feet;
thence South 85 degrees 33 minutes 54 seconds West, a distance of 46.69 feet;
thence North 64 degrees 03 minutes 06 seconds West, a distance of 21.35 feet;
thence North 50 degrees 11 minutes 47 seconds West, a distance of 40.00 feet;
thence North 22 degrees 40 minutes 05 seconds West, a distance of 34.62 feet;
thence North 07 degrees 58 minutes 00 seconds East, a distance of 59.41 feet;
thence North 41 degrees 21 minutes 32 seconds East, a distance of 35.40 feet;
thence North 10 degrees 11 minutes 52 seconds East, a distance of 25.19 feet;
thence North 33 degrees 55 minutes 13 seconds West, a distance of 28.57 feet;
thence North 85 degrees 18 minutes 00 seconds West, a distance of 27.01 feet;
thence South 48 degrees 54 minutes 31 seconds West, a distance of 94.39 feet;
thence South 43 degrees 37 minutes 35 seconds West, a distance of 45.40 feet;
thence South 58 degrees 40 minutes 18 seconds West, a distance of 43.84 feet;
thence South 72 degrees 17 minutes 39 seconds West, a distance of 33.03 feet;
thence South 80 degrees 35 minutes 09 seconds West, a distance of 28.20 feet;
thence South 67 degrees 39 minutes 50 seconds West, a distance of 53.94 feet;
thence South 31 degrees 41 minutes 52 seconds West, a distance of 32.75 feet;
thence South 16 degrees 48 minutes 47 seconds West, a distance of 61.84 feet;
thence South 26 degrees 51 minutes 34 seconds West, a distance of 42.53 feet;
thence South 46 degrees 22 minutes 30 seconds West, a distance of 41.10 feet;
thence South 72 degrees 28 minutes 39 seconds West, a distance of 25.25 feet;
thence South 79 degrees 30 minutes 57 seconds West, a distance of 60.11 feet;
thence North 72 degrees 44 minutes 42 seconds West, a distance of 22.38 feet;
thence North 21 degrees 39 minutes 19 seconds West, a distance of 19.36 feet;
thence North 06 degrees 01 minutes 21 seconds West, a distance of 28.28 feet;
thence North 37 degrees 39 minutes 27 seconds East, a distance of 90.84 feet;
thence North 11 degrees 44 minutes 46 seconds East, a distance of 30.35 feet;
thence North 00 degrees 09 minutes 58 seconds West, a distance of 89.45 feet;
thence North 11 degrees 54 minutes 41 seconds East, a distance of 52.96 feet;
thence North 22 degrees 07 minutes 34 seconds East, a distance of 78.91 feet;
thence North 35 degrees 44 minutes 05 seconds East, a distance of 70.14 feet;
thence North 54 degrees 15 minutes 39 seconds East, a distance of 73.01 feet;
thence North 64 degrees 22 minutes 46 seconds East, a distance of 83.82 feet;
thence South 82 degrees 27 minutes 33 seconds East, a distance of 82.40 feet;
thence South 72 degrees 25 minutes 14 seconds East, a distance of 48.25 feet;
thence South 66 degrees 43 minutes 10 seconds East, a distance of 26.24 feet;
thence North 87 degrees 45 minutes 19 seconds East, a distance of 29.30 feet;
thence North 41 degrees 50 minutes 04 seconds East, a distance of 57.74 feet;
thence North 66 degrees 36 minutes 32 seconds East, a distance of 60.33 feet;
thence South 89 degrees 46 minutes 40 seconds East, a distance of 33.01 feet;
thence South 69 degrees 29 minutes 34 seconds East, a distance of 33.63 feet;
thence South 28 degrees 38 minutes 12 seconds East, a distance of 17.03 feet;
thence South 01 degrees 26 minutes 12 seconds East, a distance of 21.54 feet;
thence South 67 degrees 56 minutes 38 seconds East, a distance of 24.25 feet;
thence South 40 degrees 46 minutes 04 seconds East, a distance of 43.11 feet;

thence South 06 degrees 02 minutes 09 seconds West, a distance of 29.79 feet;
thence South 25 degrees 38 minutes 27 seconds East, a distance of 26.82 feet to the east line of said Block 1;
thence North 01 degrees 09 minutes 06 seconds East, along said east line, a distance of 173.23 feet to the northeast corner of said Lot 16;
thence South 88 degrees 56 minutes 02 seconds West, along the north line of said Lot 16, a distance of 436.23 feet to the northwesterly corner of said Lot 16;
thence South 57 degrees 39 minutes 40 seconds West, along the northwest line of said Lot 16, a distance of 171.84 feet to the point of beginning and there terminating.

Easement Area: 100,428 sq. ft.

EXHIBIT C

Wetland Buffer Easement Description (South)

A wetland buffer easement over, under, and across that part of Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, and 17, Block 2, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the southwest corner of said Lot 17;

thence on an assumed bearing of North 88 degrees 46 minutes 27 seconds East, along the south line of said Lot 17, a distance of 48.50 feet to the point of beginning;

thence North 12 degrees 00 minutes 31 seconds East, a distance of 119.41 feet to the east line of said Lot 17;

thence North 34 degrees 23 minutes 07 seconds East, a distance of 129.29 feet to the east line of said Lot 16;

thence North 65 degrees 19 minutes 16 seconds East, a distance of 156.14 feet to the east line of said Lot 14;

thence North 63 degrees 48 minutes 01 seconds East, a distance of 173.47 feet to the east line of said Lot 12;

thence North 56 degrees 05 minutes 13 seconds East, a distance of 112.15 feet to the east line of said Lot 11;

thence North 71 degrees 23 minutes 24 seconds East, along the survey line of said Lots 9 and 10, a distance of 157.73 feet to the east line of said Lot 9;

thence North 70 degrees 31 minutes 25 seconds East, along the survey line of said Lot 8, a distance of 66.08 feet to the east line of said Lot 8;

thence North 83 degrees 04 minutes 11 seconds East, along the survey line of said Lots 5, 6 and 7, a distance of 180.56 feet to the east line of said Lot 5;

thence South 66 degrees 58 minutes 56 seconds East, along the survey line of said Lot 4, a distance of 68.55 feet to the east line of said Lot 4;

thence South 79 degrees 21 minutes 42 seconds East, along the survey line of said Lot 3, a distance of 78.05 feet to the east line of said Lot 3;

thence South 86 degrees 49 minutes 43 seconds East, along the survey line of said Lot 2, a distance of 66.04 feet to the east line of said Lot 2;

thence South 52 degrees 28 minutes 03 seconds East, along the survey line of said Lot 1, a distance of 86.82 feet to the east line of said Lot 1;

thence South 01 degrees 09 minutes 06 seconds West, along said east line, a distance of 90.80 feet;

thence North 40 degrees 54 minutes 30 seconds West, a distance of 61.16 feet;

thence North 58 degrees 46 minutes 47 seconds West, a distance of 98.03 feet;

thence North 46 degrees 16 minutes 52 seconds West, a distance of 31.91 feet;

thence North 66 degrees 51 minutes 43 seconds West, a distance of 98.20 feet;

thence North 73 degrees 52 minutes 00 seconds West, a distance of 52.61 feet;

thence South 72 degrees 19 minutes 50 seconds West, a distance of 51.85 feet;

thence South 85 degrees 16 minutes 00 seconds West, a distance of 65.56 feet;

thence South 71 degrees 40 minutes 26 seconds West, a distance of 91.23 feet;

thence South 54 degrees 02 minutes 45 seconds West, a distance of 44.33 feet;

thence North 89 degrees 59 minutes 03 seconds West, a distance of 37.26 feet;

thence South 58 degrees 38 minutes 15 seconds West, a distance of 74.87 feet;

thence South 45 degrees 11 minutes 53 seconds West, a distance of 84.37 feet;

thence South 65 degrees 54 minutes 59 seconds West, a distance of 47.65 feet;

thence South 86 degrees 22 minutes 15 seconds West, a distance of 38.34 feet;

thence South 63 degrees 46 minutes 46 seconds West, a distance of 139.01 feet;

thence South 54 degrees 17 minutes 58 seconds West, a distance of 76.88 feet;

thence South 83 degrees 53 minutes 35 seconds West, a distance of 37.13 feet;

thence South 59 degrees 01 minutes 45 seconds West, a distance of 35.66 feet;

thence South 42 degrees 08 minutes 59 seconds West, a distance of 47.67 feet;

thence South 33 degrees 40 minutes 45 seconds West, a distance of 55.17 feet;

thence South 13 degrees 38 minutes 27 seconds West, a distance of 74.92 feet;

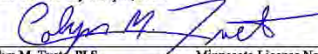
thence South 04 degrees 41 minutes 23 seconds East, a distance of 25.98 feet to the south line of said Block 2;

thence South 88 degrees 46 minutes 27 seconds West, along said south line, a distance of 45.08 feet to the point of beginning and there terminating.

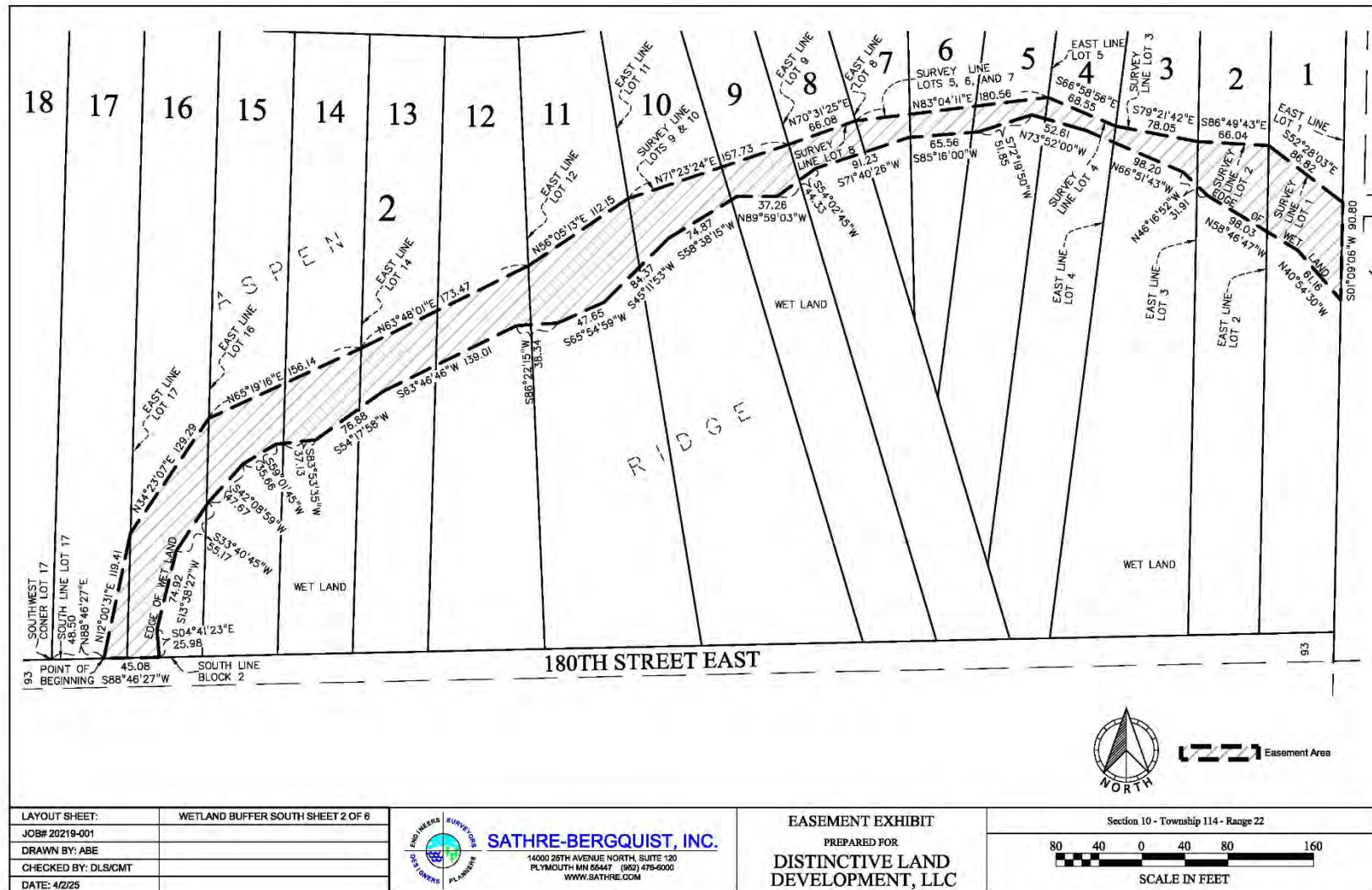
Easement Area: 57,980 sq. ft.

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

Dated this 2nd day of April, 2025.


Colyn M. Tvete, PLS
ctvete@sathre.com
Minnesota License No. 62269

LAYOUT SHEET:	WETLAND BUFFER SOUTH SHEET 1 OF 6	 SATHRE-BERGQUIST, INC. 14000 28TH AVENUE NORTH, SUITE 120 PLYMOUTH MN 55447 (952) 476-6000 WWW.SATHRE.COM	EASEMENT EXHIBIT PREPARED FOR DISTINCTIVE LAND DEVELOPMENT, LLC	Section 10 - Township 114 - Range 22
JOB# 20219-001				
DRAWN BY: ABE				
CHECKED BY: DLS/CMT				
DATE: 4/2/25				



Wetland Buffer Easement Description (NW)

A wetland buffer easement over, under, and across that part of Lots 1, 4, 5, 6, and 7, Block 1, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the southeast corner of said Lot 1;

thence on an assumed bearing of North 88 degrees 23 minutes 38 seconds West, along the south line of said Lot 1, a distance of 86.14 feet to the actual point of beginning;

thence continuing North 88 degrees 23 minutes 38 seconds West, along said south line, a distance of 49.05 feet

thence, North 00 degrees 53 minutes 16 seconds East, a distance of 53.71 feet;

thence North 32 degrees 52 minutes 11 seconds West, a distance of 72.50 feet;

thence North 13 degrees 04 minutes 26 seconds East, a distance of 40.97 feet;

thence North 43 degrees 57 minutes 21 seconds East, a distance of 66.92 feet;

thence North 75 degrees 12 minutes 01 seconds East, a distance of 34.47 feet to the east line of said Lot 7;

thence North 04 degrees 44 minutes 58 seconds East, along said east line, a distance of 30.47 feet to the survey line of said Lot 6;

thence North 84 degrees 05 minutes 50 seconds East, along said survey line, a distance of 64.29 feet;

thence North 58 degrees 05 minutes 06 seconds East, continuing along said survey line, a distance of 54.30 feet to the southwest line of said Lot 5;

thence North 47 degrees 31 minutes 09 seconds East, along the survey line of said Lot 5, a distance of 80.12 feet;

thence North 26 degrees 56 minutes 21 seconds West, continuing along said survey line, a distance of 88.23 feet to the easterly point of curvature of said Lot 5;

thence southeasterly along the southwesterly right of way of Winfield Court 225.55 feet along a non-tangential curve concave to the southwest, having a radius of 125.00 feet, a central angle of 103 degrees 22 minutes 59 seconds, and a chord that bears South 54 degrees 13 minutes 59 seconds East, a distance of 196.17 feet to the northerly point of curvature of said Lot 4;

thence continuing southerly along said right of way 71.91 feet along a compound curve concave to the west, having a radius of 245.00 feet and a central angle of 16 degrees 49 minutes 03 seconds, tangent to the previously described curve, to the survey line of said Lot 4;

thence North 89 degrees 33 minutes 13 seconds West, along said survey line, not tangent to the last described curve, a distance of 123.39 feet;

thence South 58 degrees 57 minutes 28 seconds West, continuing along said survey line, a distance of 44.04 feet;

thence South 30 degrees 29 minutes 45 seconds West, continuing along said survey line, a distance of 66.27 feet to the southwest corner of said Lot 4;

thence South 50 degrees 29 minutes 20 seconds West, along the survey line of said Lot 1, a distance of 106.93 feet;

thence South 24 degrees 32 minutes 34 seconds West, continuing along said survey line, a distance of 37.36 feet;

thence South 09 degrees 50 minutes 57 seconds East, continuing along said survey line, a distance of 45.18 feet to the point of beginning.

EXCEPT

That part of Lots 1, 6, and 7, Block 1, said ASPEN RIDGE, described as follows:

Commencing at the northeast corner of said Lot 7;

thence South 04 degrees 44 minutes 58 seconds West, along the east line of said Lot 7, a distance of 158.42 feet to the point of beginning;

thence North 78 degrees 44 minutes 55 seconds East, a distance of 22.93 feet;

thence North 71 degrees 34 minutes 54 seconds East, a distance of 43.55 feet;

thence South 61 degrees 41 minutes 03 seconds East, a distance of 18.51 feet;

thence South 21 degrees 38 minutes 00 seconds West, a distance of 16.27 feet;

thence South 64 degrees 29 minutes 37 seconds West, a distance of 45.41 feet;

thence South 32 degrees 57 minutes 30 seconds West, a distance of 22.90 feet;

thence South 09 degrees 03 minutes 50 seconds West, a distance of 39.34 feet;

thence South 37 degrees 10 minutes 00 seconds West, a distance of 28.34 feet;

thence South 66 degrees 41 minutes 56 seconds West, a distance of 17.89 feet;

thence North 89 degrees 09 minutes 13 seconds West, a distance of 23.49 feet;

thence North 49 degrees 41 minutes 02 seconds West, a distance of 20.68 feet;

thence North 32 degrees 52 minutes 11 seconds West, a distance of 24.62 feet;

thence North 13 degrees 04 minutes 26 seconds East, a distance of 21.20 feet;

thence North 28 degrees 57 minutes 35 seconds East, a distance of 18.07 feet;

thence North 43 degrees 54 minutes 22 seconds East, a distance of 52.39 feet;

thence North 78 degrees 44 minutes 55 seconds East, a distance of 22.26 feet to the point of beginning and there terminating.

AND EXCEPT

That part of Lots 4, 5, and 6, Block 1, said ASPEN RIDGE, described as follows:

Commencing at the northwest corner of said Lot 5;

thence South 31 degrees 54 minutes 54 seconds East, along the southwest line of said Lot 5, a distance of 130.94 feet to the point of beginning;

thence North 54 degrees 18 minutes 47 seconds East, a distance of 20.95 feet;

thence North 31 degrees 10 minutes 35 seconds East, a distance of 35.90 feet;

thence North 78 degrees 37 minutes 53 seconds East, a distance of 21.05 feet;

thence North 55 degrees 51 minutes 27 seconds East, a distance of 9.38 feet;

thence North 28 degrees 55 minutes 56 seconds West, a distance of 10.64 feet;

thence North 60 degrees 09 minutes 46 seconds East, a distance of 12.23 feet;

thence North 89 degrees 53 minutes 14 seconds East, a distance of 41.74 feet;

thence South 21 degrees 45 minutes 01 seconds East, a distance of 27.56 feet;

thence South 35 degrees 16 minutes 48 seconds West, a distance of 22.48 feet;

thence South 49 degrees 53 minutes 38 seconds West, a distance of 30.86 feet;

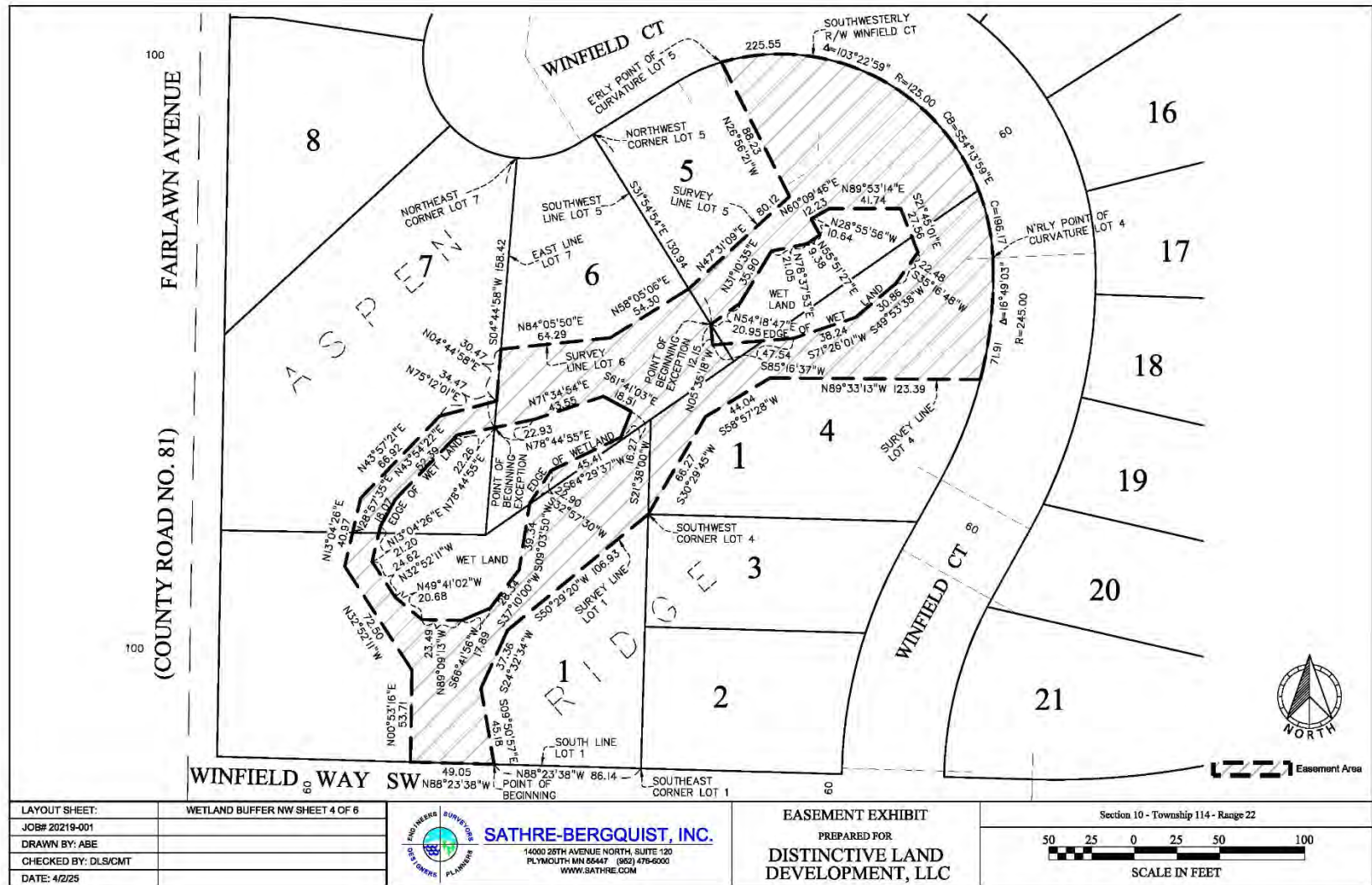
thence South 71 degrees 26 minutes 01 seconds West, a distance of 38.24 feet;

thence South 85 degrees 16 minutes 37 seconds West, a distance of 47.54 feet;

thence North 05 degrees 35 minutes 18 seconds West, a distance of 12.15 feet to the point of beginning and there terminating.

Easement Area: 39,038 sq. ft.

LAYOUT SHEET:	WETLAND BUFFER NW SHEET 3 OF 6	 SATHRE-BERGQUIST, INC. 14000 28TH AVENUE NORTH, SUITE 120 PLYMOUTH, MN 55447 (952) 479-6000 WWW.SATHRE.COM	EASEMENT EXHIBIT	Section 10 - Township 114 - Range 22
JOB# 20219-001			PREPARED FOR	
DRAWN BY: ABE			DISTINCTIVE LAND	
CHECKED BY: DLS/CMT			DEVELOPMENT, LLC	
DATE: 4/2/25				



Easement Description Wetland Buffer (NE)

A wetland buffer easement over, under, and across that part of Lots 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, and 28, Block 1, ASPEN RIDGE, according to the recorded plat thereof, Scott County, Minnesota described as follows:

Commencing at the most westerly corner of said Lot 16;

thence on an assumed bearing of North 57 degrees 39 minutes 40 seconds East, along the northwest line of said Lot 16, a distance of 267.93 feet to the point of beginning;

thence South 26 degrees 39 minutes 35 seconds West, a distance of 156.28 feet to an angle point of the survey line of said Lot 16;

thence South 11 degrees 34 minutes 31 seconds West, along said survey line a distance of 26.89 feet to the north line of said Lot 17;

thence South 01 degrees 15 minutes 36 seconds West, along the survey line of said Lot 17, a distance of 96.24 feet to the north line of said Lot 18;

thence South 07 degrees 11 minutes 08 seconds East, along the survey line of said Lot 18, a distance of 55.58 feet;

thence South 31 degrees 43 minutes 57 seconds West, continuing along said survey line, a distance of 53.17 feet to the north line of said Lot 19;

thence South 29 degrees 05 minutes 56 seconds West, along the survey line of said Lot 19, a distance of 68.70 feet to the north line of said Lot 20;

thence South 08 degrees 07 minutes 41 seconds West, along the survey line of said Lot 20, a distance of 66.24 feet to the north line of said Lot 21;

thence South 07 degrees 14 minutes 53 seconds West, a distance of 64.46 feet to the north right of way line of Winfield Way SW;

thence northeasterly along said right of way 105.27 feet along a non-tangential curve, concave to the north, having a radius of 470.00 feet, a central angle of 12 degrees 49 minutes 58 seconds, and a chord that bears North 73 degrees 28 minutes 25 seconds East, a distance of 105.05 feet to the southerly point of curvature of said Lot 22;

thence continuing easterly along said right of way 110.03 feet along a reverse curve concave to the south, having a radius of 530.00 feet and a central angle of 11 degrees 53 minutes 42 seconds to the survey line of said Lot 22;

thence North 09 degrees 57 minutes 30 seconds East, along said survey line, not tangent to the last described curve, a distance of 134.92 feet;

thence North 40 degrees 22 minutes 15 seconds East, continuing along said survey line, a distance of 50.75 feet;

thence North 76 degrees 49 minutes 38 seconds East, continuing along said survey line, a distance of 39.34 feet to the west line of said Lot 23;

thence North 87 degrees 03 minutes 24 seconds East, along the survey line of said Lot 23, a distance of 79.75 feet to the west line of said Lot 24;

thence South 50 degrees 44 minutes 48 seconds East, along the survey line of said Lot 24, a distance of 50.51 feet;

thence South 87 degrees 40 minutes 46 seconds East, continuing along said survey line, a distance of 39.36 feet to the west line of said Lot 25;

thence South 47 degrees 57 minutes 23 seconds East, along the survey line of said Lot 25, a distance of 75.73 feet to the west line of said Lot 26;

thence South 84 degrees 13 minutes 25 seconds East, along the survey line of said Lot 26, a distance of 60.68 feet to the west line of said Lot 27;

thence North 80 degrees 46 minutes 04 seconds East, along the survey line of said Lot 27, a distance of 67.10 feet to the west line of said Lot 28;

thence North 64 degrees 40 minutes 33 seconds East, along the survey line of said Lot 28, a distance of 77.95 feet to the east line of said Block 1;

thence North 01 degrees 09 minutes 06 seconds East, along said east line a distance of 156.66 feet;

thence South 17 degrees 10 minutes 52 seconds West, a distance of 27.80 feet;

thence South 33 degrees 45 minutes 36 seconds West, a distance of 45.98 feet;

thence South 21 degrees 38 minutes 08 seconds West, a distance of 44.45 feet;

thence South 13 degrees 12 minutes 35 seconds West, a distance of 27.21 feet;

thence South 46 degrees 49 minutes 12 seconds West, a distance of 27.92 feet;

thence South 77 degrees 07 minutes 10 seconds West, a distance of 49.05 feet;

thence South 85 degrees 33 minutes 54 seconds West, a distance of 46.69 feet;

thence North 64 degrees 03 minutes 06 seconds West, a distance of 21.35 feet;

thence North 50 degrees 11 minutes 47 seconds West, a distance of 40.00 feet;

thence North 22 degrees 40 minutes 05 seconds West, a distance of 34.62 feet;

thence North 07 degrees 58 minutes 00 seconds East, a distance of 59.41 feet;

thence North 41 degrees 21 minutes 32 seconds East, a distance of 35.40 feet;

thence North 10 degrees 11 minutes 52 seconds East, a distance of 25.19 feet;

thence North 33 degrees 55 minutes 13 seconds West, a distance of 28.57 feet;

thence North 85 degrees 18 minutes 00 seconds West, a distance of 27.01 feet;

thence South 48 degrees 54 minutes 31 seconds West, a distance of 94.39 feet;

thence South 43 degrees 37 minutes 35 seconds West, a distance of 45.40 feet;

thence South 58 degrees 40 minutes 18 seconds West, a distance of 43.84 feet;

thence South 72 degrees 17 minutes 39 seconds West, a distance of 33.03 feet;

thence South 80 degrees 35 minutes 09 seconds West, a distance of 28.20 feet;

thence South 67 degrees 39 minutes 50 seconds West, a distance of 53.94 feet;

thence South 31 degrees 41 minutes 52 seconds West, a distance of 32.75 feet;

thence South 16 degrees 48 minutes 47 seconds West, a distance of 61.84 feet;

thence South 26 degrees 51 minutes 34 seconds West, a distance of 42.53 feet;

thence South 46 degrees 22 minutes 30 seconds West, a distance of 41.10 feet;

thence South 72 degrees 28 minutes 39 seconds West, a distance of 25.25 feet;

thence South 79 degrees 30 minutes 57 seconds West, a distance of 60.11 feet;

thence North 72 degrees 44 minutes 42 seconds West, a distance of 22.38 feet;

thence North 21 degrees 39 minutes 19 seconds West, a distance of 19.36 feet;

thence North 06 degrees 01 minutes 21 seconds East, a distance of 28.28 feet;

thence North 37 degrees 39 minutes 27 seconds East, a distance of 90.84 feet;

thence North 11 degrees 44 minutes 46 seconds East, a distance of 30.35 feet;

thence North 00 degrees 09 minutes 58 seconds West, a distance of 89.45 feet;

thence North 11 degrees 54 minutes 41 seconds East, a distance of 52.96 feet;

thence North 22 degrees 07 minutes 34 seconds East, a distance of 78.91 feet;

thence North 35 degrees 44 minutes 05 seconds East, a distance of 70.14 feet;

thence North 54 degrees 15 minutes 39 seconds East, a distance of 73.01 feet;

thence North 64 degrees 22 minutes 46 seconds East, a distance of 83.82 feet;

thence South 82 degrees 27 minutes 33 seconds East, a distance of 82.40 feet;

thence South 72 degrees 25 minutes 14 seconds East, a distance of 48.25 feet;

thence South 66 degrees 43 minutes 10 seconds East, a distance of 26.24 feet;

thence North 87 degrees 45 minutes 19 seconds East, a distance of 29.30 feet;

thence North 41 degrees 50 minutes 04 seconds East, a distance of 57.74 feet;

thence North 66 degrees 36 minutes 32 seconds East, a distance of 60.33 feet;

thence South 89 degrees 46 minutes 40 seconds East, a distance of 33.01 feet;

thence South 69 degrees 29 minutes 34 seconds East, a distance of 33.63 feet;

thence South 28 degrees 38 minutes 12 seconds East, a distance of 17.03 feet;

thence South 01 degrees 26 minutes 12 seconds East, a distance of 21.54 feet;

thence South 67 degrees 56 minutes 38 seconds East, a distance of 24.25 feet;

thence South 40 degrees 46 minutes 04 seconds East, a distance of 43.11 feet;

thence South 06 degrees 02 minutes 09 seconds West, a distance of 29.79 feet;

thence South 25 degrees 38 minutes 27 seconds East, a distance of 26.82 feet to the east line of said Block 1;

thence North 01 degrees 09 minutes 06 seconds East, along said east line, a distance of 173.23 feet to the northeast corner of said Lot 16;

thence South 88 degrees 56 minutes 02 seconds West, along the north line of said Lot 16, a distance of 436.23 feet to the northwesterly corner of said Lot 16;

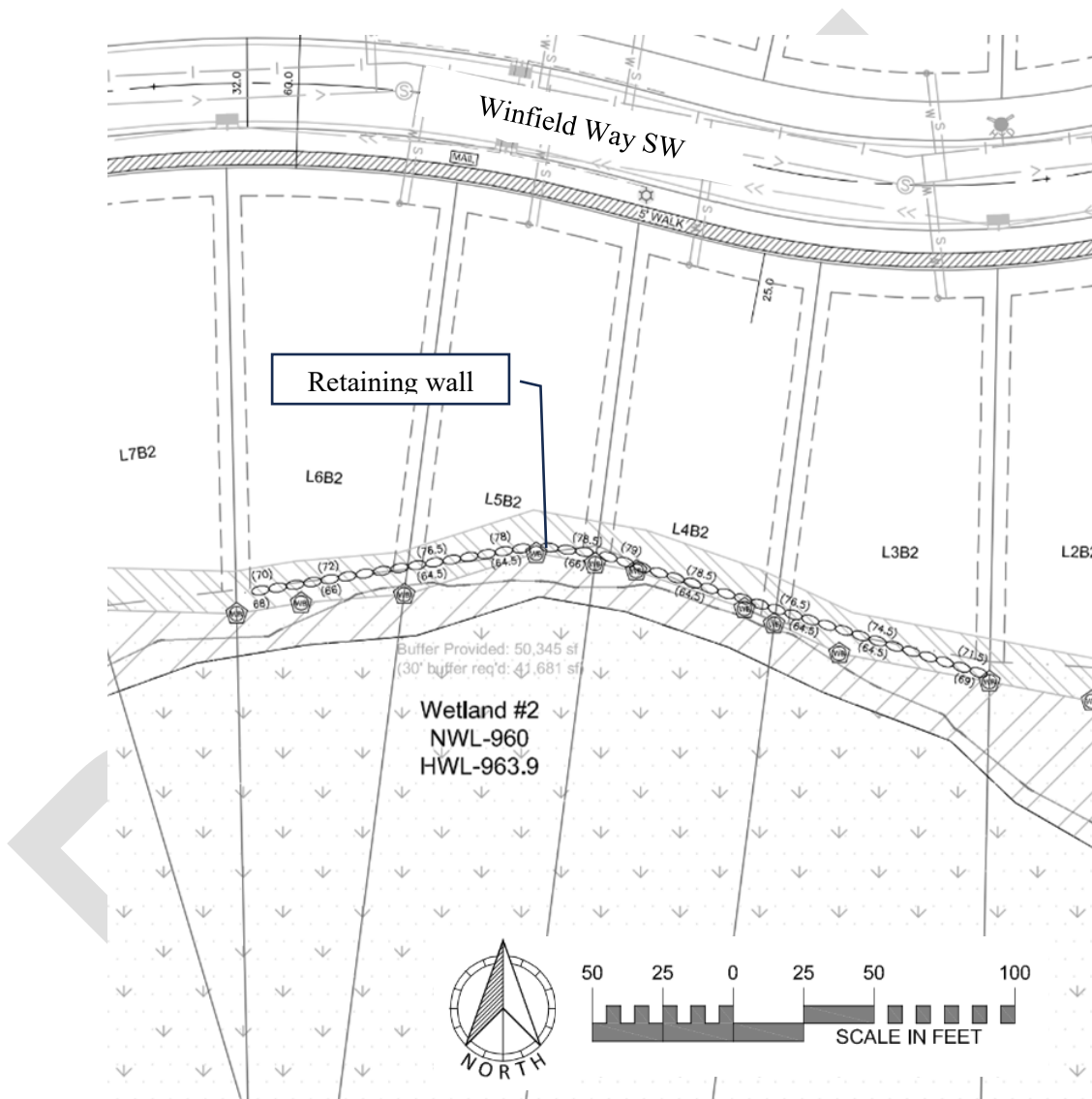
thence South 57 degrees 39 minutes 40 seconds West, along the northwest line of said Lot 16, a distance of 171.84 feet to the point of beginning and there terminating.

Easement Area: 100,428 sq. ft.

LAYOUT SHEET:	WETLAND BUFFER NE SHEET 5 OF 6	 SATHRE-BERGQUIST, INC. 14000 28TH AVENUE NORTH, SUITE 120 PLYMOUTH, MINN 55447 (952) 476-6000 WWW.SATHRE.COM	EASEMENT EXHIBIT	Section 10 - Township 114 - Range 22
JOB# 20219-001			PREPARED FOR	
DRAWN BY: ABE			DISTINCTIVE LAND DEVELOPMENT, LLC	
CHECKED BY: DLS/CMT				
DATE: 4/2/25				



EXHIBIT D

LOCATION OF RETAINING WALL ALLOWED
ACROSS LOTS L3B2, L4B2, L5B2, AND L6B2

Legend

○ ○ ○ ○ ○ Retaining wall
(approx. 260 lineal feet)

DISCLAIMER: This information is to be used for reference purposes only. PLSLWD does not guarantee the accuracy of the material contained herein and is not responsible for misuse or misinterpretation. A survey should be completed if an exact boundary location is needed.