



AGENDA

Tuesday, January 11, 2022

6:00 PM

Council Chambers
Prior Lake City Hall

ANNUAL MEETING

BOARD OF MANAGERS:

**Mike Myser, President; Curt Hennes, Vice President; Bruce Loney, Treasurer;
Steve Pany, Secretary; and Frank Boyles, 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.

Board Workshop 4:00 PM – Parkview Conference Room

- 4M Fund Presentation (Corey Boyer)
 - Watershed Management Study Update (Joni Giese)
 - Liaison Appointments (Mike Myser)
 - Board Officer Appointments (Mike Myser)
 - Covid Policy Update (Joni Giese)
 - Upper Watershed Blueprint (Bruce Loney)
 - Cost Estimates
 - Feasibility Studies – Consultant Use
 - Staffing Update (Joni Giese)
 - Draft Final Rule Revisions Status Update (Joni Giese)
 - Liaison Updates
-

6:00 – 6:02 PM 1.0 **BOARD MEETING CALL TO ORDER & PLEDGE OF ALLEGIANCE**

6:02 – 6:07 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.)

6:07 - 6:10 PM 3.0 **APPROVAL OF AGENDA** (Additions/Corrections/Deletions)

6:10 - 7:00 PM 4.0 **OTHER OLD/NEW BUSINESS**

- 4.1 Programs & Projects Update (Discussion Only)
- 4.2 Spring Lake West Subwatershed - BMP Feasibility Study (Vote)
- 4.3 Board Officer Appointments (Vote)
- 4.4 Board Liaison Appointments (Vote)
- 4.5 Resolution 22-353 PLSLWD Electronic Signature Policy (Vote)

- 7:00 – 7:10 PM 5.0 **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.
- 5.1 Meeting Minutes—December 21, 2021, Board Workshop
 - 5.2 Meeting Minutes— December 21, 2021, Board Meeting
 - 5.3 Meeting Minutes – December 13, 2021, Special Meeting
 - 5.4 Claims List & Visa Expenditures Summary
 - 5.5 2022 WSB Carp Management Services Contract
 - 5.6 2022 Permit Fee Schedule
 - 5.7 Schedule of 2022 Regular Board Meetings
 - 5.8 Schedule of 2022 CAC Meetings
 - 5.9 Approval of 2022 CAC Members
 - 5.10 Selecting the 2022 Official Newspaper
 - 5.11 Selecting the 2022 District Depository Banks
 - 5.12 Ebenhoh Acres Development Agreement and Conservation Easement
- 7:10 - 7:25 PM 6.0 **TREASURER’S REPORT**
 6.1 Monthly Financial Reports (Discussion Only)
- Financial Report
 - Treasurers Report
 - Cash Flow Projections
- 6.2 Quarterly Financial Statements (Discussion Only)
- Balance Sheet
 - Cost Analysis
- 7:25 - 7:30 PM 7.0 **UPCOMING MEETING/EVENT SCHEDULE:**
- Farmer-led Council – Growing Healthy Soils Event – Part 1, January 13, 2022, 11:00 am – 3:00 pm, Ridges of Sand Creek, Jordan, MN (registration closes Friday, January 7, 2022)
 - CAC Meeting, Thursday, January 27, 2022, 6:30 – 8:00 pm (Prior Lake City Hall – Wagon Bridge Conference Room)
 - Board of Managers Meeting, Tuesday, February 15, 2022, 6:00 pm (Prior Lake City Hall – Council Chambers)
 - Farmer-led Council – Growing Healthy Soils Event – Part 2, March 8, 2022, 11:00 am – 3:00 pm, Ridges of Sand Creek, Jordan, MN



JANUARY 2022 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
Storage & Infiltration Projects (Sutton Lake) <i>Project Lead: Joni/Jaime</i>	<ul style="list-style-type: none"> Getting ready for landowner meeting to discuss lake management plan 	<ul style="list-style-type: none"> Meet with landowners to discuss lake management options
Carp Management <i>Rough Fish Management (Class 611)</i> <i>Carp Management Project (Class 750 & 751)</i> <i>Project Lead: Jeff</i>	<ul style="list-style-type: none"> Tracking: Continued to track radio-tagged carp across Spring and Prior Lakes. Upper Prior Radio tags have been near Knotty Oar Marina. Spring Lake tags have been on the move. Ice conditions have made tracking difficult over the past month. Removals: Coordinated permits and interest with local commercial netters. Other: Continued working on 319 final report. Worked on BWSR reporting. Updating the interactive tracking website, tracking and equipment figures, and 2021 data analysis. Complete 2022 WSB Carp Management Services Contract for January meeting. Review Lake Vegetation Management Plans 	<ul style="list-style-type: none"> Continue to track the tagged carp and keep up on ice conditions. Prepare documents and reports for 319 and BSWR closeout. Acquire necessary 2022 carp management permits. Report on 2021 Fisheries Research Permit activities Remove fish under ice as permit allows.
Ferric Chloride System Operations <i>Project Lead: Jeff</i>	<ul style="list-style-type: none"> Submitted Tier II Report 	<ul style="list-style-type: none"> Prepare Annual Report
Farmer-Led Council <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> Continued planning efforts for the Growing Healthy Soils Event with SWCD. 	<ul style="list-style-type: none"> Healthy Soils events (Jan 13 and March 8)
Cost Share Incentives <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> Reviewed potential stream bank restoration project in the Upper Watershed 	<ul style="list-style-type: none"> SWCD will present suggested changes to cost-share docket at future board meeting
Spring Lake Parcel Restoration Project <i>Project Lead: Shauna</i>	<ul style="list-style-type: none"> Monitored the invasive species and restoration progress on the parcel. 	<ul style="list-style-type: none"> Monitor restoration and control invasive species, particularly buckthorn, in the fall. Work on plant identification signs.

JANUARY 2022 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<i>Fish Lake Shoreline & Prairie Restoration Project</i> <i>Project Lead: Shauna</i>	<ul style="list-style-type: none"> Reviewed overall progress and budget of the project in 2021 Submitted 2021 annual CPL Grant Report Monitored the invasive species and restoration progress at project site. 	<ul style="list-style-type: none"> Work on interpretive panel design, order & install interpretative signs for project. Continue to review progress for potential project handoff to Spring Lake Township.
<i>Feasibility Reports</i> <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> Finalized Spring Lake West Feasibility Study Continued working on Sutton IESF report 	<ul style="list-style-type: none"> Finalize Sutton IESF feasibility report by February board meeting Schedule meeting with landowners to gauge interest and explore mutual goals for a future Buck East project Complete annual reports for grant-based feasibility reports Prepare grant opportunities summary
<i>Website and Media</i> <i>Project Lead: Elizabeth</i>	<ul style="list-style-type: none"> Website articles posted: none Social Media – posted on all social channels about: ice thickness/safety and Tier 1 lake water quality report cards 	<ul style="list-style-type: none"> Continue writing posts and updates about projects. Continue updating Twitter, Facebook, and Instagram about projects & news. Continue growing Instagram page
<i>Citizen Advisory Committee</i> <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> Coordination with CAC subcommittee regarding I-LIDS 2021 assessment. 	<ul style="list-style-type: none"> Plan & coordinate January 27th CAC meeting.
<i>MS4 Education Program</i> <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> Planning for 2022 	<ul style="list-style-type: none"> Presentation at Spring Lake Association annual meeting
<i>Monitoring Program</i> <i>Project Lead: Jeff</i>	<ul style="list-style-type: none"> Data management Updating Tier 2 lake report cards Entered, QAQC'd Stream chemistry, and weather station data. Lake level graphs, stream hydrographs Updating website with current data Water quality database maintenance Review vegetation surveys 	<ul style="list-style-type: none"> Data management. Analyze stream logger data, create hydrographs. Updating Tier 2 & 3 lake report cards. Update website with 2021 monitoring results.
<i>Aquatic Vegetation Management and Surveys</i> <i>(Class 626 and 637)</i> <i>Project Lead: Jaime/ Jeff</i>	<ul style="list-style-type: none"> Plant survey reports completed for Spring, Lower, and Upper 	<ul style="list-style-type: none"> Create vegetation management policy Finalize and Submit Aquatic Plant Management Plans to DNR

JANUARY 2022 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
AIS <i>Project Lead: Shauna</i>	<ul style="list-style-type: none"> Final follow up with ESP and Waterfront Restoration. 	<ul style="list-style-type: none"> Develop plan for drafting and completing the AIS Rapid Response Plan.
Rules Revisions <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> Review LGU comments submitted subsequent to December board meeting. Schedule meeting with Scott County to discuss review comments. 	<ul style="list-style-type: none"> Prepare final rule revisions. Board approval.
BMPs & Easements <i>Project Lead: Joni/Shana</i>	<ul style="list-style-type: none"> Coordinate with landowners to develop new conservation easements on their properties as needed. 	<ul style="list-style-type: none"> Continue to work with landowners to resolve existing violation issues on their properties. Order more easement signs and assemble them.
Permitting <i>Project Lead: Joni/ Shauna</i>	<ul style="list-style-type: none"> Follow up with permittees to work on closing out complete projects. Worked with developers/landowners on new development and conservation easements, including: Marxen Farm, Springview Meadows, Mesenbrink, South Vergus Estates, Ebenhoh Acres, Vergus Estates. Finalized PLSLWD permitting timeline to share with Scott County to improve collaboration efforts. Performed Jeffers Foundation Development review (City of Prior Lake). Review revised materials submitted for permit application (#21.02). Pre-permit review of City of Prior Lake Downtown South Street Reconstruction project (#22.01). 	<ul style="list-style-type: none"> Continue to follow up with Permittees to close remaining open permits. Review upcoming development projects as received. Work with developers/landowners on Development Agreements and Conservation Easements. Perform Big Sky Estates, Third Addition, development review. Participate in the pre-application review meeting with City of Prior Lake regarding Downtown South Street Reconstruction project.
Outlet Channel O&M <i>Project Lead: Jaime/Jeff</i>	<ul style="list-style-type: none"> Routine channel/culvert inspections 	<ul style="list-style-type: none"> Prepare for annual report
Outlet Channel Admin <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> Obtain right of access for construction projects Potential easement acquisition 	<ul style="list-style-type: none"> Dean Lake sediment delta removal project to begin this winter Finalize plans for bank repair work in 2022

JANUARY 2022 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
General Administration <i>Project Lead: Joni</i>	<ul style="list-style-type: none"> Watershed Management Study: Finalized baseline conditions "take aways" Research banking options. 	<ul style="list-style-type: none"> Watershed Management Study <ul style="list-style-type: none"> Prepare watershed management improvement options. Prepare update to Covid policy Staff reviews Prepare benefits policy

Regulations Review Summary

New Easements

- Parkhaven (City of Prior Lake)
- Vergus Estates 1 (Scott County) Garant
- Vergus Estates 2 (Scott County) Anderson
- 4B Estates (Scott County)
- Schieffer Property 195th St (Scott County)
- Schieffer Property Hwy 13 parcel (Scott County)
- Yorkshire Ave (Scott County)
- Villas at Crest Woods (City of Prior Lake)
- Vierling Property (City of Prior Lake)
- Eagleview 1st Addition (Savage)
- County Public Works Building (City of Prior Lake)
- Marxen Farm (Scott County)
- Springview Meadows (Prior Lake)
- South Vergus Estates (Scott County)
- Big Sky 2nd/3rd Additions (Savage)
- Ebenhoh Acres (Scott County)
- Gullickson (Scott County)

Equivalency Agreements: Development Reviews

- Applewood Pointe PUD (Prior Lake)
- Walker Variance (Prior Lake)
- Jeffers Pond (Prior Lake)
- Jeffers Foundation (Prior Lake)

PLOC Development Reviews

- Highway 169 pedestrian bridge review coordination

District Permit Application

- 21.02 MnDOT Hwy 13 (City of Prior Lake)

Easement Amendments

- Living Hope Church (Shakopee)
- Timber Crest (City of Prior Lake)
- Tyler Chambers (City of Prior Lake)
- Didi & Kit Tran, and Vladimir Dudin (Savage)

Open Permits

- Living Hope Church (Shakopee)
- TH-13 (City of Prior Lake)
- TH-13 CSAH 12 (City of Prior Lake)
- County Public Works Building (City of Prior Lake)
- Pickleball Facility (City of Prior Lake)
- Pike Lake Culvert (City of Prior Lake)
- Hwy 282 (City of Prior Lake)
- Strauss Driveway (City of Prior Lake)
- Fish Point Road (City of Prior Lake)

PLSLWD Board Staff Report
January 6, 2022



Subject | Spring Lake West Subwatershed - BMP Feasibility Study

Board Meeting Date | January 11, 2022

Item: 4.2

Prepared By | Jaime Rockney, Project Manager

Attachment | Spring Lake West Subwatershed - BMP Feasibility Study

Action | Approval of the "Spring Lake West Subwatershed – BMP Feasibility Study"

Background

In 2019, the District received a BWSR Watershed Based Funding grant to perform a feasibility study of the Spring Lake West Subwatershed. A detailed investigation of the subwatershed, including field-surveys of potential project sites was conducted in the fall of 2019. Three locations within the subwatershed were identified as having potential for water quality improvement, flood retention and wetland habitat creation. This resulted in the "Spring Lake West Subwatershed – BMP Feasibility Study" dated January 6, 2022.

Discussion

The report recommends the consideration of eight different locations for an Iron-Enhanced Sand Filter and one location for a wetland restoration project. Several options were provided for each project as the location and approval is highly dependent on landowner input and acceptance. Staff is requesting board approval of this feasibility study before it is submitted to BWSR.

Prepared by Emmons & Olivier Resources, Inc.
Prepared for Prior Lake-Spring Lake Watershed District

Spring Lake West Subwatershed

BMP Feasibility Study



Cover image: Spring Lake West Subwatershed, Google Earth Image

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1 SUMMARY

The Watershed District authorized the following study to determine the feasibility of developing water quality improvement practices in the Spring Lake West Subwatershed (see Figure 1). A detailed investigation of the subwatershed, including field-surveys of potential project sites was conducted in the fall of 2019. Three locations within the subwatershed were identified as having potential for water quality improvement, flood retention and wetland habitat creation (see Figure 2). Feasibility study level designs were developed for each of the sites along with cost estimates and an estimate of the potential benefits of each site.

The first site, referred to as the Hylland Property, has the potential to provide water quality improvement for the majority of the subwatershed prior to discharge into Spring Lake. Specifically, the site would be used to address dissolved phosphorus via an off-line iron-enhanced sand filter (IESF) that would be constructed immediately adjacent to the existing ditch. A second site, the Krueger Property, was identified as an alternative location for an IESF. This site is immediately upstream of the Hylland Property. A third site, a large, agricultural field referred to as the Hentges and Ames Property, was investigated for flood retention benefits and for its wetland restoration potential.

Hylland Property and Krueger Property

Eight alternative iron-enhanced sand filter designs/locations were developed for the Hylland Property and the Krueger Property (four on each property). Size and configurations of the IESFs vary among each of the alternatives. The Hylland property alternatives use a gravity bypass whereas the Krueger property alternatives make use of a pump system (see Appendix A). A summary of the estimated performance and cost effectiveness for each of the optional IESFs is shown in Table 1.

Table 1. Estimated Iron-Enhanced Sand Filter Performance

Option		Total Phosphorus (TP) Captured Load (lb/yr)	Orthophosphorus (OP) Captured Load (lb/yr)	Equivalent Annual Cost (EAC)/TP Captured (\$/lb TP/yr)
Hylland	1	69	34	\$440
	2	64	32	\$460
	3	60	30	\$400
	4	36	18	\$490
Krueger	5	69	34	\$700
	6	61	30	\$740
	7	45	22	\$1020
	8	63	31	\$720

Hentges and Ames Property

Option 1 – Wetland Bank

This option has the potential to generate 24.4 acres of wetland credit and 5.7 acres of buffer credit that could be sold through a wetland bank. Wetland and upland buffer credits could generate potential sales of \$1,650,000, which exceeds the estimated project cost. The estimated project cost range of \$720,473 to \$1,059,519 could net a return of \$590,481 to \$929,527.

Option 2- Flood Reduction

Alternatively, this site could focus on flood reduction by temporarily impounding 4-feet of runoff water from the 254-acre drainage area. Flood storage however appears to provide minor benefits at Prior Lake: around 0.01-feet of reduction in peak elevation during 2014. The estimated project cost for this option ranges from \$756,938 to \$1,113,144.



Figure 1. Spring Lake West Subwatershed (highlighted) within the Upper Watershed.

2 INTRODUCTION

Spring Lake is included on the state's Impaired Waters List. A lake is placed on this list when an assessment determines that it is not meeting one of its designated uses. In the case of Spring Lake, the assessment showed that the lake was not meeting its aquatic recreation use due to excess nutrients which lead to algal blooms and low water clarity. Water quality monitoring conducted by the Watershed District has identified that phosphorus is the nutrient contributing most to the lake's water quality impairment.

Over the years, the Watershed District has undertaken significant efforts to improve water quality in Spring Lake. The efforts have ranged from small scale raingardens and lakeshore restorations to large public improvement projects. The District has attempted to control phosphorus loading in Spring Lake by managing internal and external sources. Internal phosphorus sources have been managed through an aggressive carp control program and by performing Alum treatments. Alum is used to strip phosphorus from the water column and to create a short-term 'cap' on the lake's bottom sediment to prevent phosphorus release. The District constructed and has been operating a Ferric Chloride treatment system to treat the largest ditch (County Ditch 13) flowing to Spring Lake since 1998. This system strips an estimated 60% of the phosphorus from the ditch flows. The District has also worked with watershed farmers to adopt agricultural conservation practices that help reduce erosion and nutrient export from their fields.

In 2019, the Watershed District applied for and was awarded a Metro Watershed Based Funding Grant from the Board of Water and Soil Resources (BWSR) which included funds to look into reducing pollutant loading to Spring Lake from the area known as the Spring Lake West subwatershed (see Figure 1). Watershed-conducted monitoring of this subwatershed (specifically in the ditch running east of the Scott County Highway department into the west side of Spring Lake) has shown high levels of nutrients, conductivity and *E. coli*. The Watershed District authorized this feasibility study in 2019 to review data and recommend a water quality BMP along the ditch.

Three sites within the subwatershed were identified as having potential for addressing water quality, flood retention, and wetland habitat creation. The sites are referred to as the Hylland Property, the Krueger Property and the Hentges and Ames Properties which are shown in Figure 2.



Figure 2. Potential BMP Sites within the Spring Lake West Subwatershed

3 METHODS

Data Collection

EOR staff visited the Hylland Property and the Hentges and Ames property on November 26, 2019 to document existing conditions and conduct a site survey. The survey included a profile of the existing ditch on both properties, recording spot elevations and surveying culvert inverts. The survey was conducted before snow cover that year and should provide a high degree of accuracy. To advance the feasibility study, EOR staff reviewed existing data and as the study continued, it was determined that additional alternative sites should be investigated on the west side of Marschall Road and north of County Trail E on the Krueger Property. An additional site survey was subsequently conducted on the Krueger property.

Following the field work, EOR processed the survey data and began analyzing the information collected. Topographical data was imported into Autodesk AutoCAD Civil 3D drafting software along with aerial imagery, County LiDAR contours (2-foot intervals) and County GIS parcel linework. Once base map construction was completed, concept level design drawings were developed to help illustrate the information collected to date and to provide preliminary construction drawings.

Modeling Analysis

Design concepts were initially analyzed based on the surrounding landscape, hydrologic modeling and the water quality monitoring data provided by the District. The District's PCSWMM model was first updated and revised upstream of Marschall Rd. (monitoring location ST_19) to reflect more detailed information regarding both hydraulics (e.g. culvert invert elevations) and hydrology (e.g. drainage boundaries) collected through surveying and field verification. Several subcatchments were subdivided both to provide a higher level of detail and to rectify incorrect assumptions that were made during model construction regarding drainage direction (in particular, the area near the intersection of County Trail E and Langford Ave, which drains to the east rather than to the west).

Simulated flows were compared against observed flows for 2014, 2017, and 2018, and it was determined that a recalibration of the model was unnecessary as the updates and revisions to the model improved upon the original calibration to 2014 rainfall such that model performance was statistically acceptable (Nash-Sutcliffe Efficiency > 0).

A long-term (10-year) simulation was performed from 2008-2017 to estimate average water quality loading using the flow weighted mean concentrations for orthophosphorus (OP) and total phosphorus (TP) calculated from monitoring performed in 2017 and 2018. The flow weighted mean concentrations and average annual loads at monitoring location ST_19 are shown in Table 2.

Table 2. Flow weighted mean concentrations and average annual loads at monitoring station ST_19.

Parameter	Flow weighted mean concentration (mg/l)	Average annual loads (lbs/yr)
Orthophosphorus	0.154	139
Total Phosphorus	0.264	237

Preliminary Design Concept

Guided by the modeling exercise, topographical survey and LiDAR, EOR selected the most practical locations for the proposed BMP's. The Hylland and Krueger properties were identified as areas where an iron enhanced sand filter could be optimized to address the dissolved phosphorus loading from the 384-acre contributing drainage area. Iron enhanced sand filters utilize filtration through a sand/iron mixed media (95% sand/5% iron filings) where the iron filings adsorb dissolved phosphorus to create an effluent with improved water quality.

The Hentges & Ames property was identified as a location for a wetland restoration and flood retention project. The property has existing wetlands located within it but has been ditched to allow for more productive agricultural land. A review of historical aerial photography indicated that a significant portion of the site was previously wetland (see Figure 3). A ditch plug and control structure at the northwest corner of the property would be the most practical option to achieve the largest wetland footprint. Two sub options within this design were analyzed. One option would be a wetland that would provide deeper pools with year-round ponding to create a diverse wetland habitat that could be put into a wetland bank. A second option would be an outlet control structure that could drain and provide flood storage downstream for Spring Lake. Both options were further analyzed as a part of this feasibility project.



Figure 3. Historical Aerial Photography of Hentges & Ames site (1937)

4 FINDINGS

Hylland Property

As identified in the preliminary concept design phase, EOR furthered the design of four optional iron enhanced sand filters on the Hylland property. Each of the design options would have a ditch diversion structure placed in the ditch upstream of the filter to divert base flows and a portion of storm flows to the filter. The structure would be designed with an overflow bypass as to not inundate the filter for too long. From the diversion structure would be a 12" HDPE pipe to the filter. Water would flow through the filter and treated water would be captured in the underdrain and directed back to the ditch via a 12" HDPE pipe. The basins would include a 10' wide emergency overflow set at an elevation 1 foot below the top of berm elevation. The overflow would also be directed towards the ditch, to provide a stable outlet for larger rain events. The filter surface would allow for 2 feet of ponding in the basin before the emergency overflow is activated (see Appendix A).

Hylland Property Options

Option 1: Sited along the northern edge of the ditch, the design of option 1 optimizes the footprint for the filter at 22,600 ft².

Option 2: The design of option 2 constrains the filter to the western tract within the Hylland property and avoids the wetland area riparian to the ditch. Filter footprint is 15,000 ft².

Option 3: Option 3 is a larger version of option 2 with a footprint of 10,400 ft². It constrains the filter to the western tract within the Hylland property and avoids the wetland area riparian to the ditch.

Option 4: The smallest of the Hylland property options at 2,350 ft², option 4 is sited within the eastern tract of the Hylland property and has encroachment into the wetland area that is riparian to the ditch.

Pumps were not considered for the Hylland property options because the existing site conditions allowed for water to flow to the filter via gravitational non-pressurized pipes. The effluent also did not require pumping because the elevation drop throughout the ditch profile provide positive drainage at the outlet. With avoiding pumps for the iron enhanced sand filter, this creates a significant cost savings compared to other layouts where pumping is required. This design would also be compatible with future developments in the surrounding area that would include a subdivision and residential road on adjacent properties. Each of the design options also included a buffer strip extension of 0.5 acres to allow the property to remain in existing conservation programs.

Krueger Property

Following the initial IESF siting and design, it was determined that additional opportunities should be investigated on the Krueger property located west of Marschall Road. Four options were developed, each of which utilizes a pump system rather than the gravity bypasses used in the Hylland property options. All of the Krueger property options completely avoid the wetland that is riparian to the ditch.

Krueger Property Options

Option 5: This option is located along the northern edge of the ditch and optimizes the filter size. With a footprint of 22,900 ft², option 5 is the largest potential filter.

Option 6: Options 6 is sited along the eastern/southern edge of the ditch at the upstream end of the property. Filter footprint is 10,500 ft².

Option 7: Option 7 is the smallest option on the Krueger property with a footprint of 3,500 ft². It is sited north of the ditch at the downstream end of the property.

Option 8: Option 8 is sited south/east of the ditch near the downstream end of the property with a footprint of 13,500 ft². It is adjacent to Marschall Road which affords this option the best access for construction and maintenance.

Iron Enhanced Sand Filter Performance

Based on the long-term simulation, water quality pollutant loading and characteristics of the iron-enhanced sand filters, the estimated performance for TP and OP of each option was determined (Table 3). The performance ranges from 36-69 lbs/yr for TP and from 18-34 lbs/yr for OP. The performance ranges are based on the size of each IESF.

Table 3 Total Phosphorus (TP) and Ortho-Phosphorus (OP) Performance by IESF Option

Option		Volume Treated (ac-ft/yr)	TP Influent Load (lb/yr)	OP Influent Load (lb/yr)	TP Captured Load (lb/yr)	OP Captured Load (lb/yr)
Hylland	1	136	98	57	69	34
	2	127	91	53	64	32
	3	120	86	50	60	30
	4	71	51	30	36	18
Krueger	5	136	98	57	69	34
	6	120	86	50	61	30
	7	89	64	37	45	22
	8	125	90	52	63	31

Construction and maintenance costs were estimated for each option (Appendix B). The predicted life span for each option was determined using the OP loading from Table 3 along with the estimated iron content/consumption within the filter. To compare the cost of each option, the equivalent annual cost was determined using the construction and maintenance cost along with a discount rate of 4.5% (Iowa DOT). Given the performance data provided in Table 3, the cost effectiveness of each option was estimated (Table 4). The cost effectiveness is expressed in terms of equivalent annual cost for the practice per pound of TP captured per year. Option 3 on the Hylland property was estimated to be the most cost effective at \$400/lb TP/yr

Table 4. Equivalent Annual Cost and Cost/Total Phosphorus Captured

Option	Construction Cost (\$)	Pump Maintenance Cost (\$)	Predicted Life (yrs)	Equivalent Annual Cost (EAC) (\$/yr)	EAC/TP Captured (\$/lb TP/yr)
1	\$553,000	\$0	38	\$31,000	\$440
2	\$461,000	\$0	27	\$30,000	\$460
3	\$313,000	\$0	20	\$24,000	\$400
4	\$104,000	\$0	7	\$18,000	\$490
5	\$690,000	\$10,000	38	\$48,000	\$700
6	\$451,000	\$10,000	20	\$45,000	\$740
7	\$263,000	\$10,000	9	\$46,000	\$1020
8	\$510,000	\$10,000	24	\$45,000	\$720

Hentges & Ames Property

The model was used to evaluate the potential for efficacious flood storage upstream of County Trail E. The simulation year 2014 was used in order to evaluate the impact of flood storage on the 2014 flooding event. A maximum potential water level reduction of 0.01-feet on Prior Lake was achieved without significantly impacting adjacent structures and major roadways, so this location was deemed more suitable for other projects – notably wetland banking.

Option 1 – Wetland Bank

At the Hentges & Ames property, two wetland designs were developed. The first option could be used to develop a wetland bank for District. The design would plug the existing agricultural drainage ditch through the property with a ditch plug located in the northwest corner of the property. A berm would be built with an elevation of 936.00 and a water control structure (with inlet/outlet pipes, stop logs and control valve) would be placed in the centerline of the existing ditch. The stop logs would be at elevation 934.00 which would set the water surface elevation. The top of the overflow grate on the structure would be at an elevation of 935.00 and would create 1 foot of bounce within the wetland (see Appendix A).

EOR evaluated the wetland banking credit potential of the Hentges & Ames property (Table 5) by use of the most recent USACE/BWSR guidance for determining the wetland credit potential from cultivated fields (BWSR 2019). There is the potential for about 30 wetland credits based on the design of option one.

Table 5. Potential wetland banking credits at Hentges & Ames Property

Area	Acreage		Potential Credits
Wetland	24.4	x 100%	24.4 credits
Upland Buffer	22.9	x 25%	5.7 credits
Total Bank	47.3		31.1 credits

In this scenario, the bank would be a mix of wetland types 2, 3, 4 and 5 with the majority being type 4, which is deep marsh. Types 1-3 (seasonal wetland, wet meadow and shallow marsh respectively) are more sought-after, because there are often fewer credits available of those types in the service area, and they are the types of wetland most often impacted.

BWSR Credit Market

A review of the BWSR wetland credit market reveals that there are not many credits currently available within the watershed of the project site. Here is the breakdown by type (Table 6).

Table 6. BWSR Wetland Credits Available in the Minnesota (Shakopee) Watershed

Type	Credits
1 – Seasonally Flooded	0
2 – Wet Meadow	3.58
3 – Shallow Marsh	5.96
4 – Deep Marsh	5.79
5 – Open Water	0
6 – Shrub Swamp	0
7 – Wooded Swamp	0
8 – Bog	0
Upland (non-wetland)	0.43

To assess the value of these credits, the most recent transactions within the bank service area were accessed on the BWSR's Wetland Bank Credits and Fees website. The value of credits in the watershed has been consistently rising over the last few years. The average value of a credit from transactions reported in 2018 was \$58,435.99. At that rate, there is the potential for \$1,650,000 return.

Option 2 – Flood Storage

The second option at the Hentges & Ames property would not qualify as a wetland bank but would provide flood storage to downstream water bodies such as Spring Lake. The ditch plug would be very similar to the Wetland Bank Option (Option 1) except there would be no stop logs and the inlet invert would be at elevation 931.00, creating a water surface elevation that is 3 feet lower than the previous option. The entire wetland could now provide 4 feet of storm bounce to the overflow grate at elevation 935.00 (see Appendix A).

- Total drainage area: 254 acres
- Flood storage at this location appears to provide minor benefits at Prior Lake:
 - The peak elevation in the storage feature was 935.32'
 - Around 0.01-feet of reduction in peak elevation during 2014 (0.01-feet is the limit of reporting precision)

5 CONCLUSIONS

Hylland Property and Kruger Property

EOR developed Engineer Opinions of Probable Cost for eight options for iron enhanced sand filter on the Hylland and Krueger properties. Construction costs range from \$313,000 to \$690,000. (Per ASTM E 2516-06 design level (concept phase) see Appendix B). In addition to the construction cost, the equivalent annual cost for each alternative was calculated. The equivalent annual cost incorporates maintenance costs and the variable life span estimated for each option. Cost effectiveness was estimated for each of the alternatives and ranges from \$400 to \$1,020 per pound of TP captured per year.

Hentges & Ames Property Wetland Bank –Option 1

The Engineer Opinion of Probable Cost for the wetland bank option on the Hentges & Ames property was a construction total of \$147,615. Easement and/or land acquisition was based on current property values in the area and it was determined that land acquisition or easements along with associated legal fees would cost \$700,000.

The total cost of the project would equal \$847,615. Per ASTM E 2516-06 design level (concept phase), a -15% and +25% range was applied to create a total project cost range of \$720,473 to \$1,059,519 (see Appendix B). This cost could be offset by the creation and sale of wetland banking credits that are estimated to be valued at \$1,650,000.

Hentges & Ames Property Flood Storage –Option 2

An Engineer Opinion of Probable Cost for the flood storage option on the Hentges & Ames property was also developed. A construction total of \$190,515 was estimated. Easement and/or land acquisition was based on current property values in the area and it was determined that land acquisition or easement along with associated legal fees would cost \$700,000.

The total cost of the project would equal \$890,515. Per ASTM E 2516-06 design level (concept phase), a -15% and +25% range was applied to create a total project cost range of \$756,938 to \$1,113,144. (see Appendix B).

6 NEXT STEPS

Continue to pursue engagement opportunities with property owners to gauge interest in projects. Work with BWSR staff to fully vet wetland mitigation banking opportunities.

APPENDIX A

TO SPRING LAKE

POTENTIAL IRON ENHANCED SAND FILTER HYLLAND PROPERTY

POTENTIAL WETLAND BANK
OR
POTENTIAL FLOOD STORAGE
HENTGES DEVELOPMENT & AMES PROPERTIES

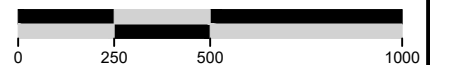
COUNTY TRAIL E

MARSCHALL RD

LANGFORD BLVD



SCALE IN FEET



PROJECT OVERVIEW

SHEET 01 OF 11 SHEETS

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NO	DATE	BY	REVISION

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SUBMISSION DATE:
01/04/2022

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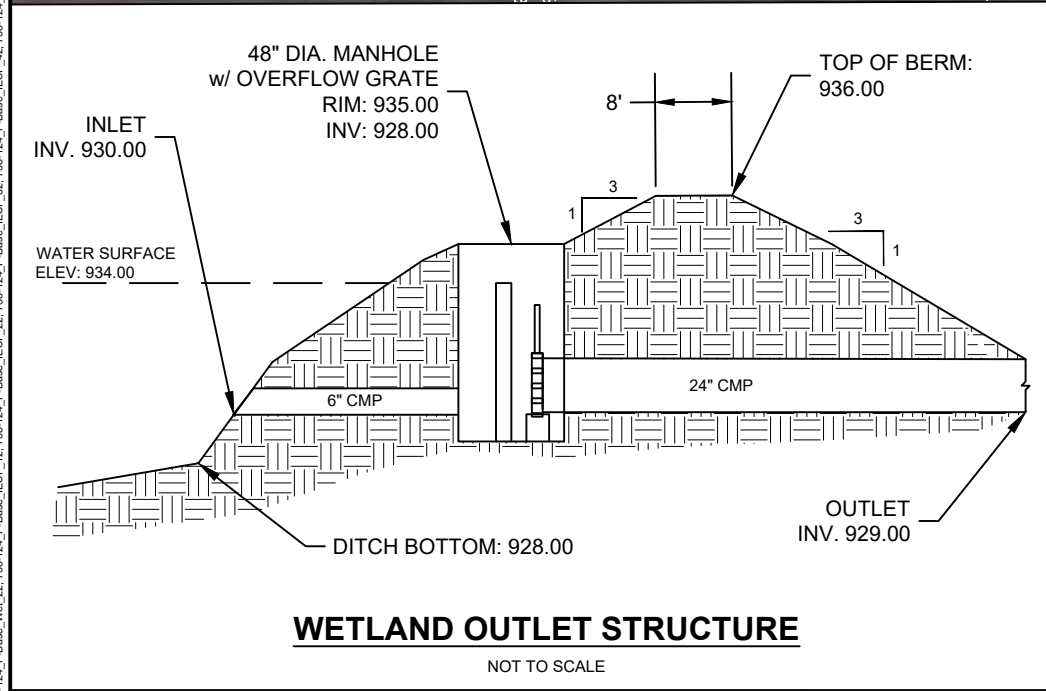
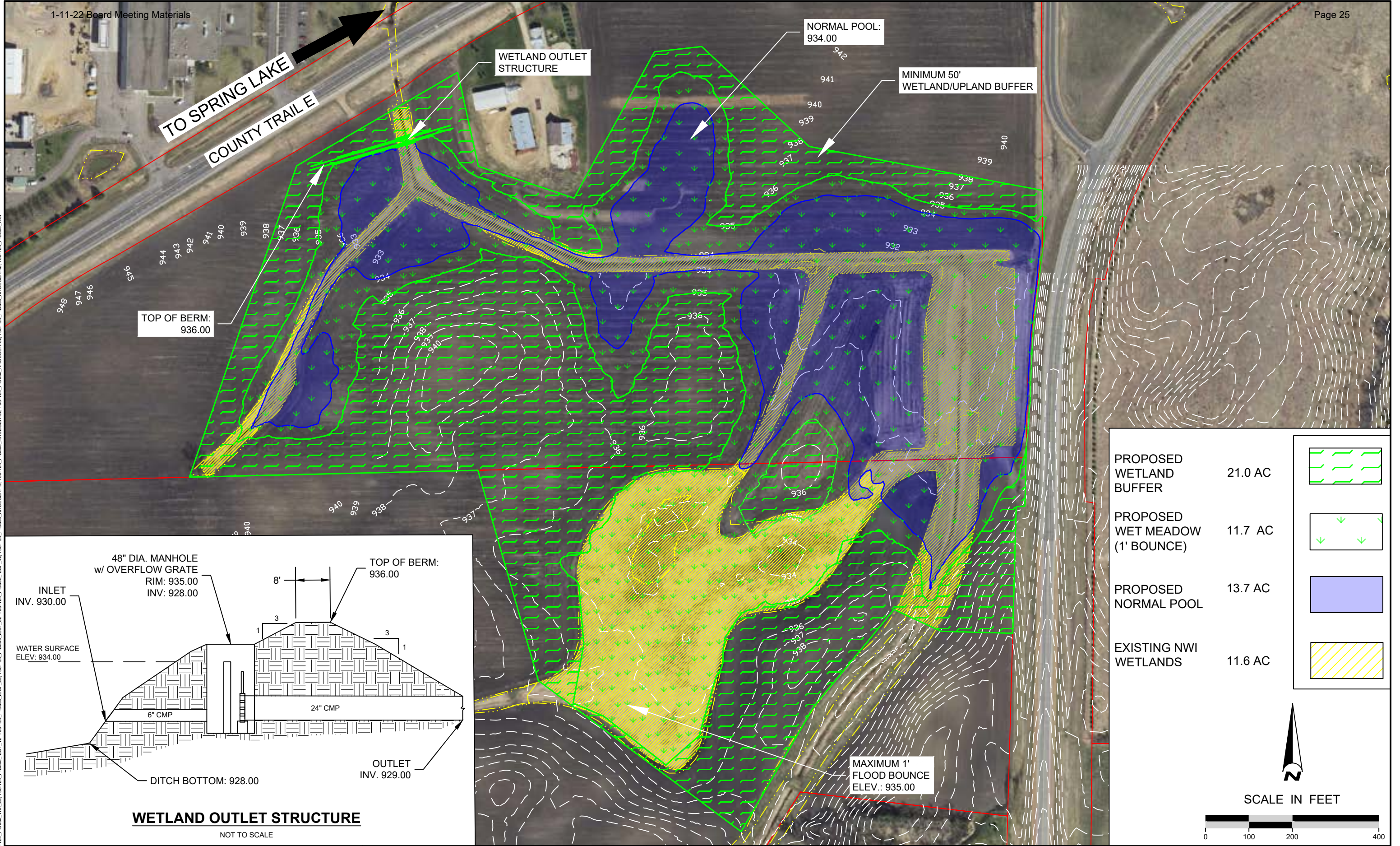
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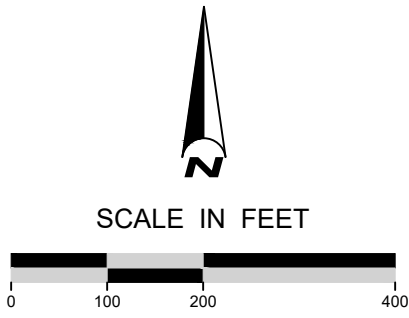
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CITY PROJECT NO. --



PROPOSED WETLAND BUFFER	21.0 AC	
PROPOSED WET MEADOW (1' BOUNCE)	11.7 AC	
PROPOSED NORMAL POOL	13.7 AC	
EXISTING NWI WETLANDS	11.6 AC	



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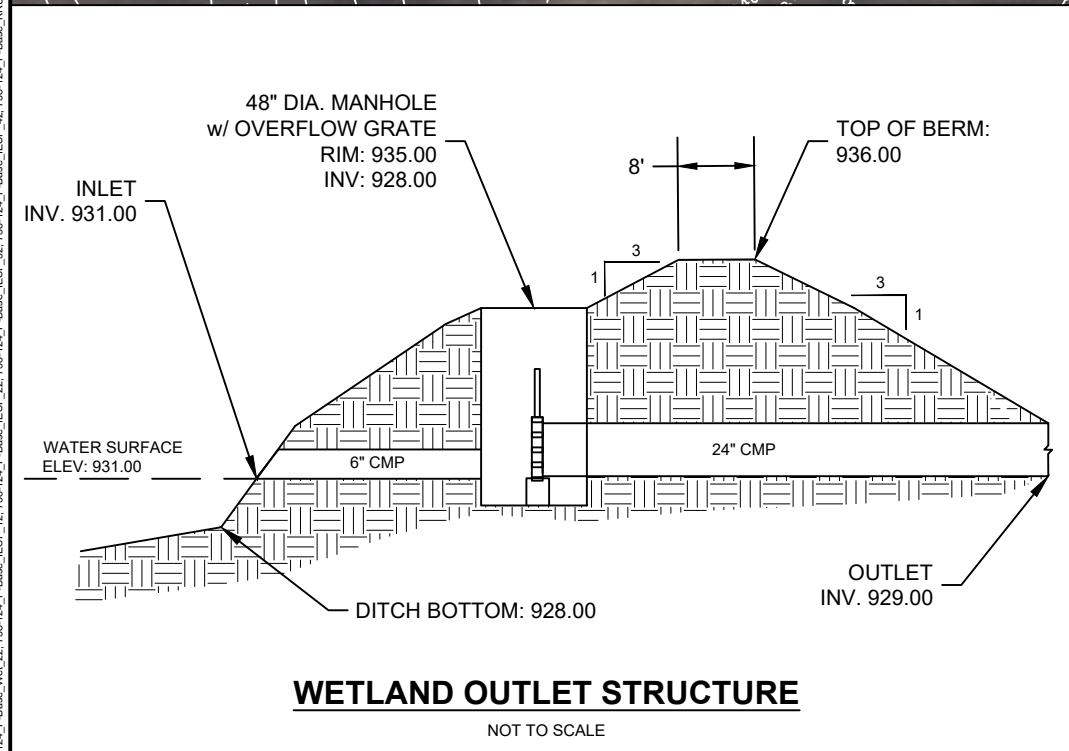
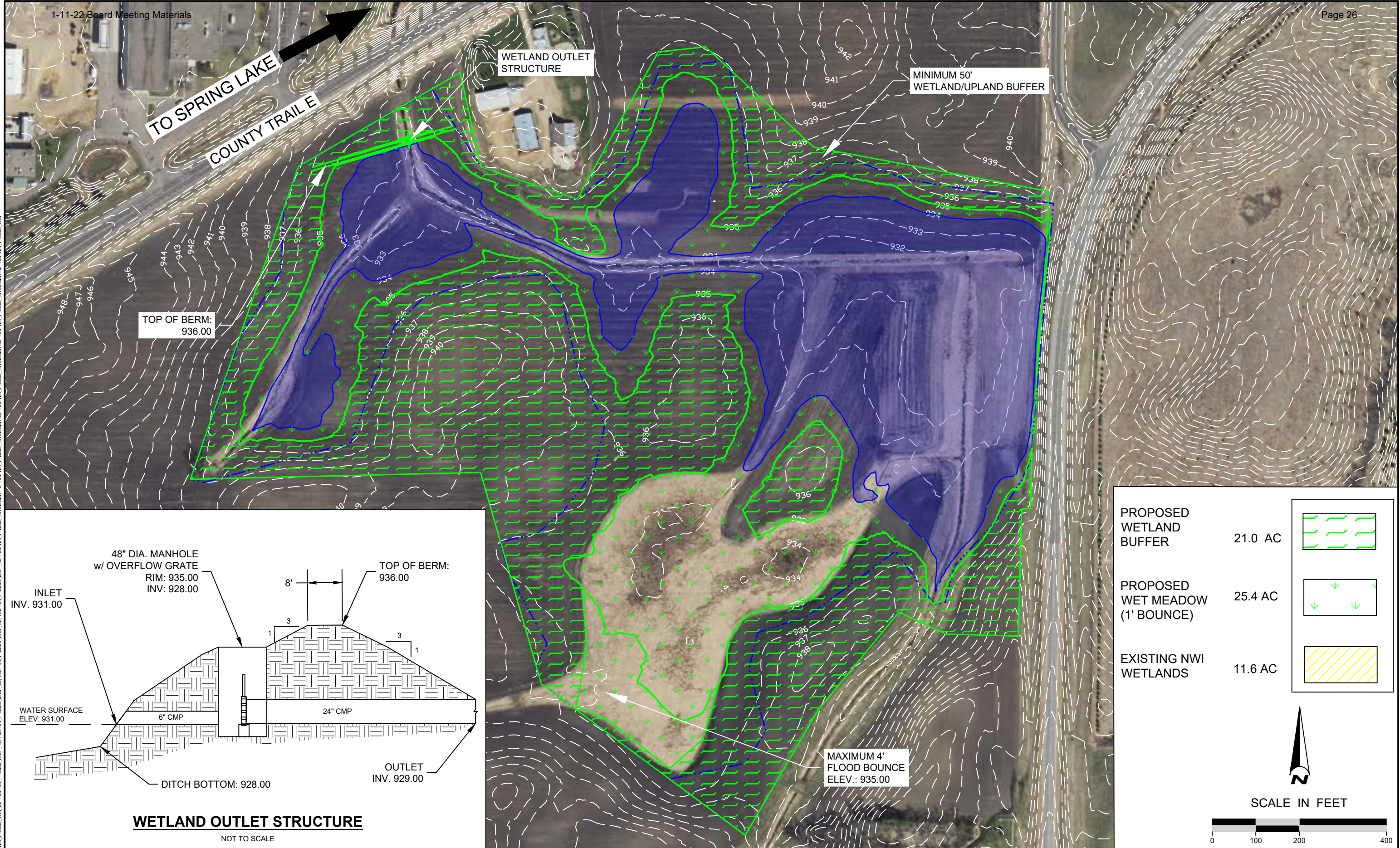
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WETLAND BANK OPTION

SHEET 02 OF 11 SHEETS



PROPOSED WETLAND BUFFER

21.0 AC

PROPOSED WET MEADOW (1' BOUNCE)

25.4 AC

EXISTING NWI WETLANDS

11.6 AC

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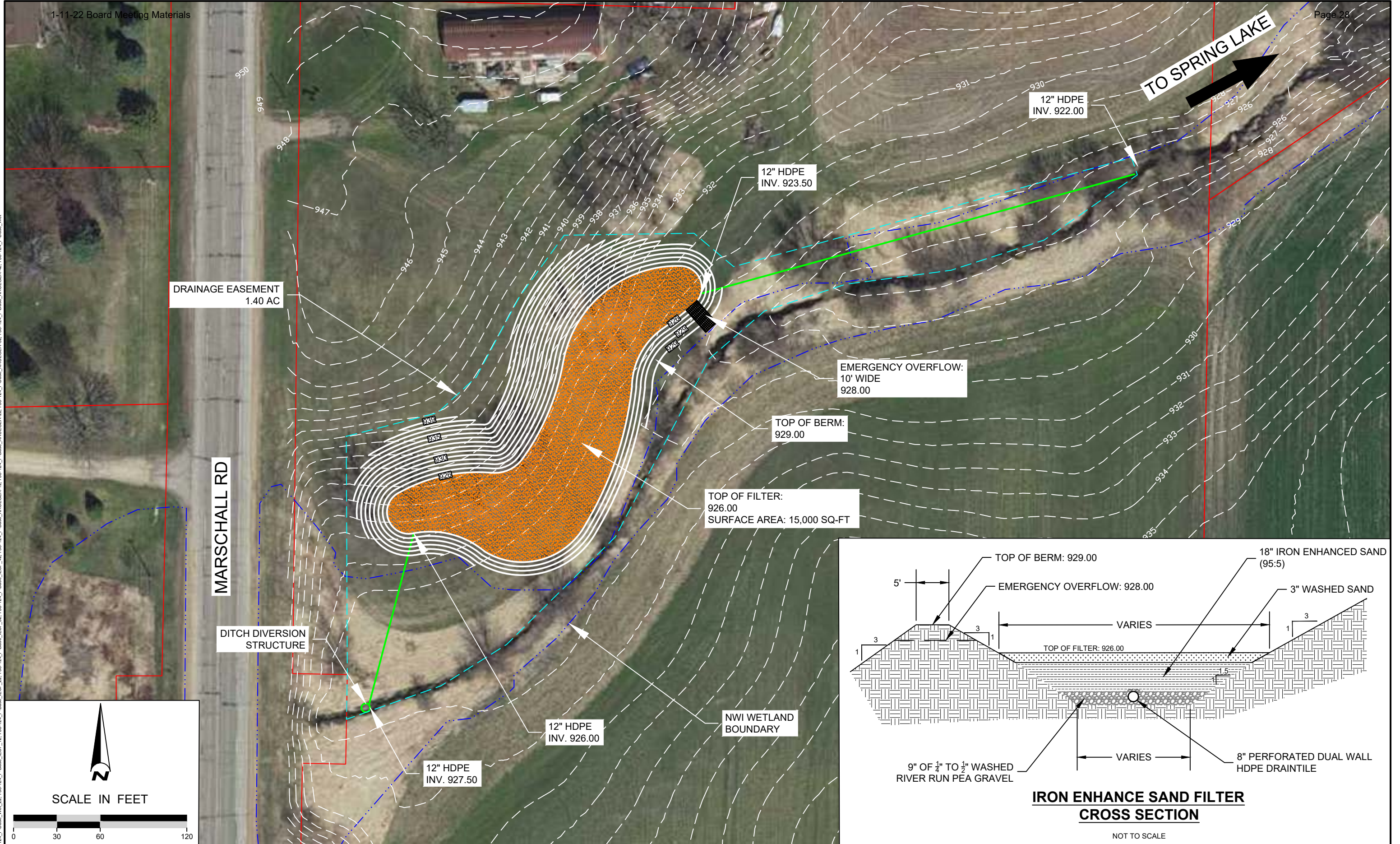
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STATE PROJECT NO. ---
CITY PROJECT NO. ---

WETLAND FLOOD STORAGE OPTION

SHEET 03 OF 11 SHEETS



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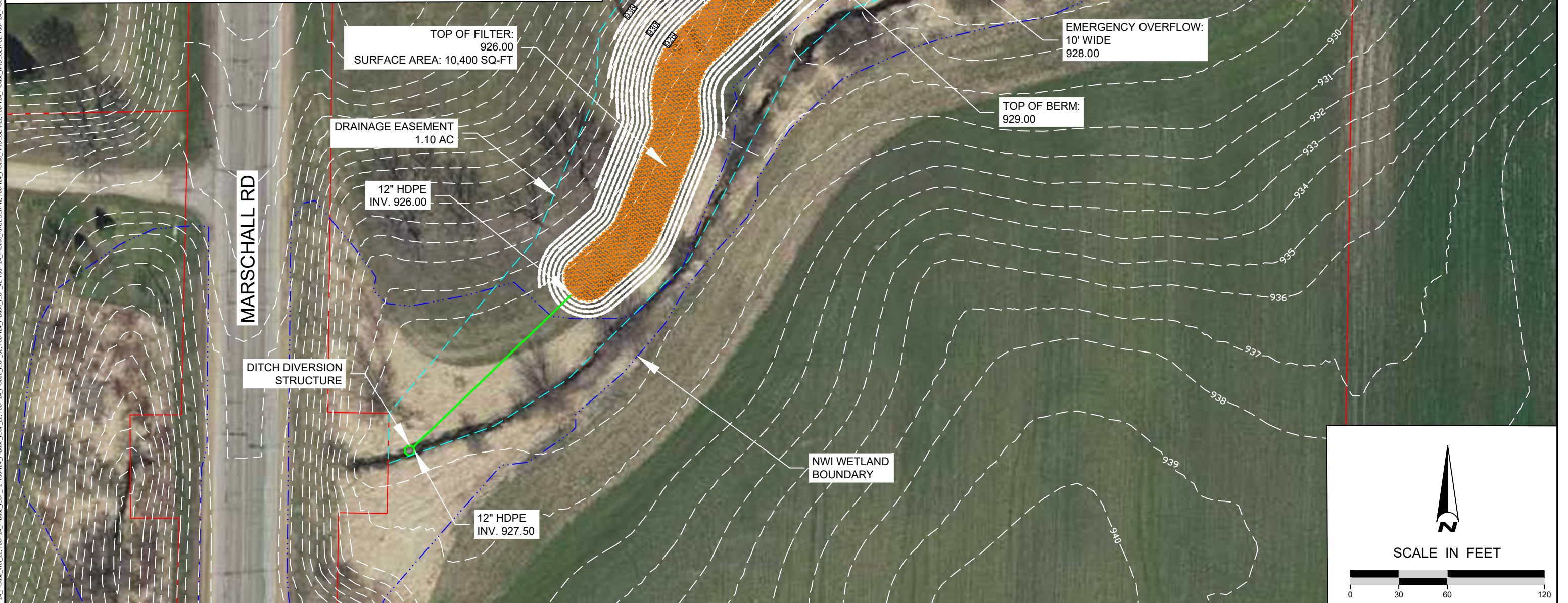
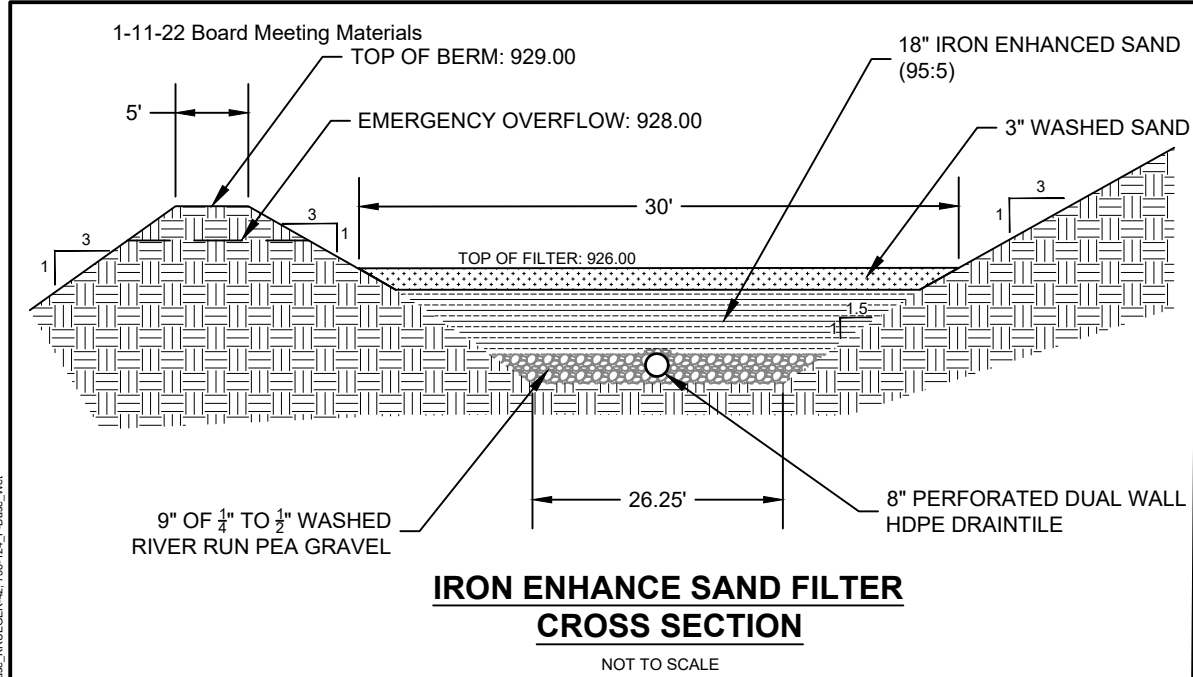


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FEASIBILITY STUDY
JORDAN, SCOTT COUNTY, MINNESOTA

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

IRON ENHANCED SAND FILTER
- OPTION 2

SHEET 05 OF 11 SHEETS



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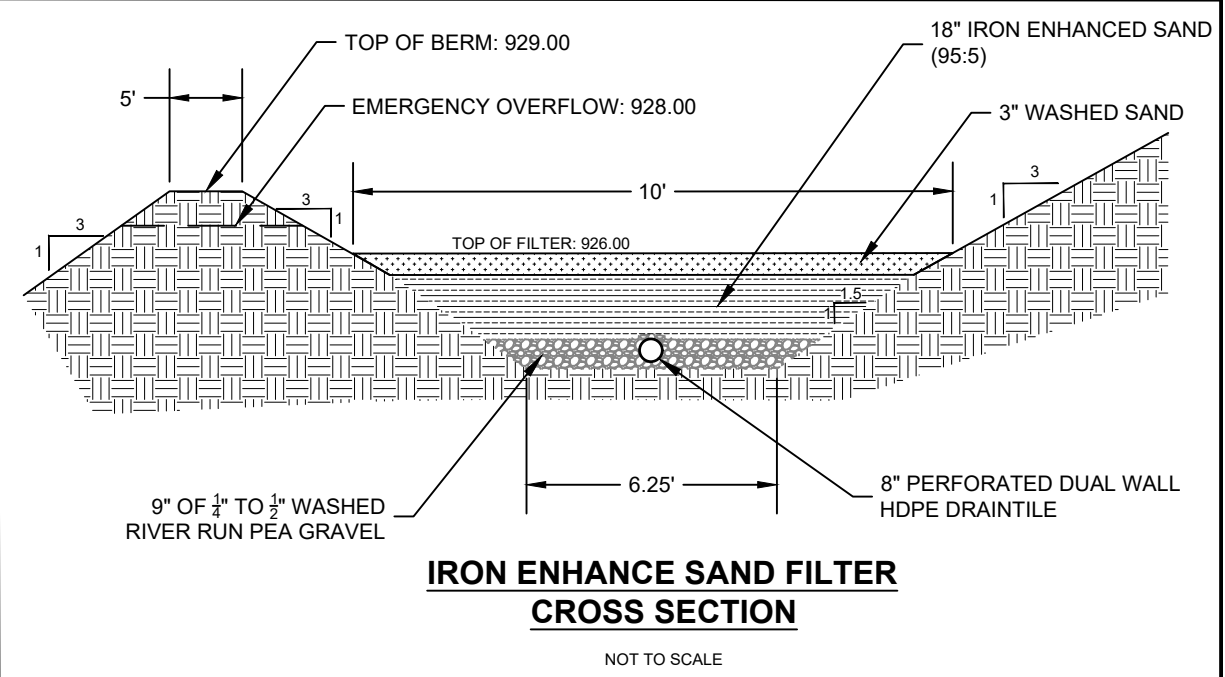
Spring Lake West Subshed
Feasibility Study
Jordan, Scott County, Minnesota

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

IRON ENHANCED SAND FILTER
- OPTION 3


SHEET 06 OF 11 SHEETS

Plot Date: 01/04/2022
Drawn By: J. Krueger
Check By: J. Krueger
Scale: 1" = 40'
Title: Spring Lake West Subshed Feasibility Study
Project Name: Spring Lake West Subshed Feasibility Study
Project Number: 0758-0124
Sheet Number: 06 of 11
Sheet Title: IRON ENHANCED SAND FILTER - OPTION 3
Author: J. Krueger
Date: 01/04/2022
Revision: 1
Description: Feasibility Study
Status: Draft
Comments: None
Notes: None
References: None
Attachments: None
History: None
Approval: None
Distribution: None
Storage: None
Backup: None
Archive: None
Delete: None
Move: None
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Fax: None
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Web: None
Social: None
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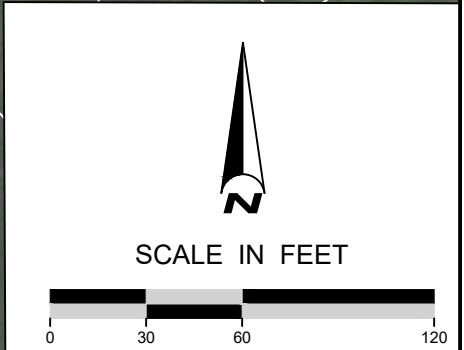
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EOR PROJECT NO. 0758-0124		



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

IRON ENHANCED SAND FILTER
- OPTION 4

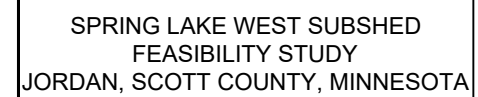
SHEET 07 OF 11 SHEETS



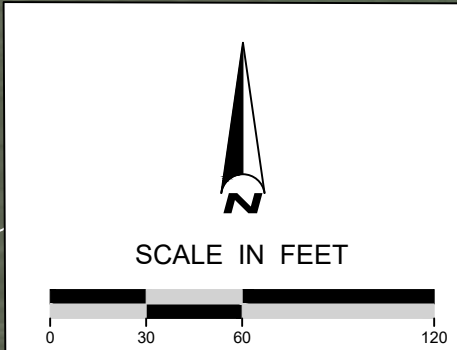
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SHEET 08 OF 11 SHEETS



IRON ENHANCED SAND FILTER - OPTION 6	
SHEET 09 OF 11 SHEETS	



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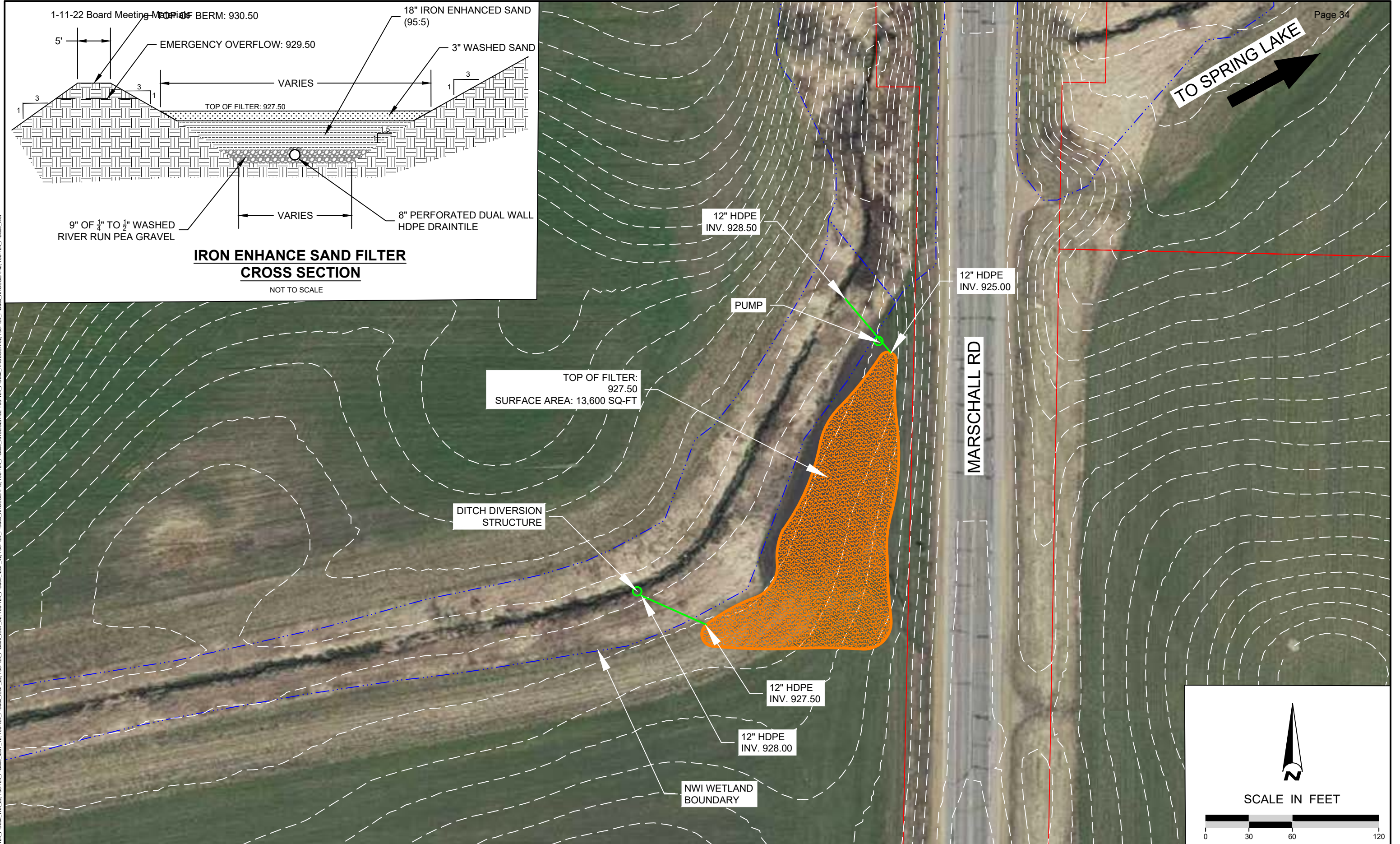
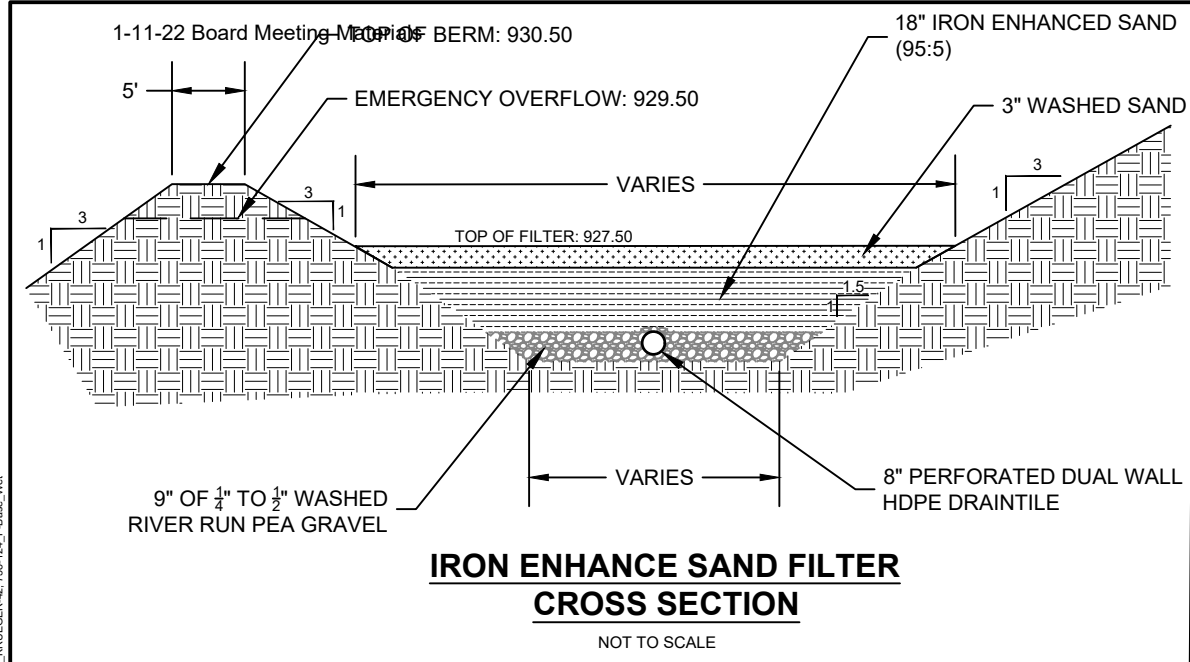


SPRING LAKE WEST SUBSHED
FEASIBILITY STUDY
JORDAN, SCOTT COUNTY, MINNESOTA
STATE PROJECT NO. ---
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SCALE IN FEET

IRON ENHANCED SAND FILTER
- OPTION 7

SHEET 10 OF 11 SHEETS



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IRON ENHANCED SAND FILTER
- OPTION 8

SHEET 11 OF 11 SHEETS

APPENDIX B

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

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	5500	CY	\$ 15.00	\$ 82,500.00
4	12" HDPE STORM SEWER	80	LF	\$ 30.00	\$ 2,400.00
5	8" PERFORATED PVC DRAINTILE	700	LF	\$ 30.00	\$ 21,000.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	210	CY	\$ 45.00	\$ 9,450.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	550	CY	\$ 70.00	\$ 38,500.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	1170	CY	\$ 160.00	\$ 187,200.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 12,000.00	\$ 12,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 20,000.00	\$ 20,000.00
CONSTRUCTION SUBTOTAL:					\$ 425,100.00
		30%	CONSTRUCTION CONTIGENCY		\$ 127,530.00
CONSTRUCTION TOTAL					\$ 552,630.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 577,630.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(86,644.50)	\$ 490,985.50
		25%	\$	144,407.50	\$ 722,037.50

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

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	6375	CY	\$ 15.00	\$ 95,625.00
4	12" HDPE STORM SEWER	450	LF	\$ 30.00	\$ 13,500.00
5	8" PERFORATED PVC DRAINTILE	350	LF	\$ 30.00	\$ 10,500.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	140	CY	\$ 45.00	\$ 6,300.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	380	CY	\$ 70.00	\$ 26,600.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	800	CY	\$ 160.00	\$ 128,000.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 17,000.00	\$ 17,000.00
CONSTRUCTION SUBTOTAL:					\$ 354,575.00
		30%	CONSTRUCTION CONTIGENCY		\$ 106,372.50
CONSTRUCTION TOTAL					\$ 460,947.50
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 25,000.00
TOTAL COST					\$ 485,947.50
ESTIMATED ACCURACY RANGE***		-15%	\$	(72,892.13)	\$ 413,055.38
		25%	\$	121,486.88	\$ 607,434.38

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

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	3400	CY	\$ 15.00	\$ 51,000.00
4	12" HDPE STORM SEWER	360	LF	\$ 30.00	\$ 10,800.00
5	8" PERFORATED PVC DRAINTILE	350	LF	\$ 30.00	\$ 10,500.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	100	CY	\$ 45.00	\$ 4,500.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	250	CY	\$ 70.00	\$ 17,500.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	530	CY	\$ 160.00	\$ 84,800.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 15,000.00
CONSTRUCTION SUBTOTAL:					\$ 241,150.00
		30%	CONSTRUCTION CONTIGENCY		\$ 72,345.00
CONSTRUCTION TOTAL					\$ 313,495.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 20,000.00
TOTAL COST					\$ 333,495.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(50,024.25)	\$ 283,470.75
		25%	\$	83,373.75	\$ 416,868.75

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 4**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	500	CY	\$ 15.00	\$ 7,500.00
4	12" HDPE STORM SEWER	270	LF	\$ 30.00	\$ 8,100.00
5	8" PERFORATED PVC DRAINTILE	240	LF	\$ 30.00	\$ 7,200.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	30	CY	\$ 45.00	\$ 1,350.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	40	CY	\$ 70.00	\$ 2,800.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	100	CY	\$ 160.00	\$ 16,000.00
11	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 5,000.00
12	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 10,000.00
CONSTRUCTION SUBTOTAL:					\$ 80,000.00
		30%	CONSTRUCTION CONTIGENCY		\$ 24,000.00
CONSTRUCTION TOTAL					\$ 104,000.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 10,000.00
TOTAL COST					\$ 114,000.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(17,100.00)	\$ 96,900.00
		25%	\$	28,500.00	\$ 142,500.00

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 5**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

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	5000	CY	\$ 15.00	\$ 75,000.00
4	12" HDPE STORM SEWER	150	LF	\$ 30.00	\$ 4,500.00
5	8" PERFORATED PVC DRAINTILE	580	LF	\$ 30.00	\$ 17,400.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	220	CY	\$ 45.00	\$ 9,900.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	570	CY	\$ 70.00	\$ 39,900.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	1190	CY	\$ 160.00	\$ 190,400.00
11	Pump Station (Manhole, Pump, Controls, etc.)	1	EA	\$ 100,000.00	\$ 100,000.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 12,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 20,000.00
CONSTRUCTION SUBTOTAL:					\$ 531,150.00
		30%	CONSTRUCTION CONTINGENCY		\$ 159,345.00
CONSTRUCTION TOTAL					\$ 690,495.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 20,000.00
TOTAL COST					\$ 710,495.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(106,574.25)	\$ 603,920.75
		25%	\$	177,623.75	\$ 888,118.75

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 6**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 30,000.00	\$ 30,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	3400	CY	\$ 15.00	\$ 51,000.00
4	12" HDPE STORM SEWER	100	LF	\$ 30.00	\$ 3,000.00
5	8" PERFORATED PVC DRAINTILE	360	LF	\$ 30.00	\$ 10,800.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	100	CY	\$ 45.00	\$ 4,500.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	250	CY	\$ 70.00	\$ 17,500.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	540	CY	\$ 160.00	\$ 86,400.00
11	Pump Station (Manhole, Pump, Controls, etc.)	1	EA	\$ 100,000.00	\$ 100,000.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 12,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 20,000.00
CONSTRUCTION SUBTOTAL:					\$ 347,250.00
		30%	CONSTRUCTION CONTINGENCY		\$ 104,175.00
CONSTRUCTION TOTAL					\$ 451,425.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 10,000.00
TOTAL COST					\$ 461,425.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(69,213.75)	\$ 392,211.25
		25%	\$	115,356.25	\$ 576,781.25

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 7**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 20,000.00	\$ 20,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	800	CY	\$ 15.00	\$ 12,000.00
4	12" HDPE STORM SEWER	100	LF	\$ 30.00	\$ 3,000.00
5	8" PERFORATED PVC DRAINTILE	140	LF	\$ 30.00	\$ 4,200.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	40	CY	\$ 45.00	\$ 1,800.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	80	CY	\$ 70.00	\$ 5,600.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	180	CY	\$ 160.00	\$ 28,800.00
11	Pump Station (Manhole, Pump, Controls, etc.)	1	EA	\$ 100,000.00	\$ 100,000.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 5,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 10,000.00
CONSTRUCTION SUBTOTAL:					\$ 202,450.00
		30%	CONSTRUCTION CONTINGENCY		\$ 60,735.00
CONSTRUCTION TOTAL					\$ 263,185.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 10,000.00
TOTAL COST					\$ 273,185.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(40,977.75)	\$ 232,207.25
		25%	\$	68,296.25	\$ 341,481.25

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - IRON ENHANCED SAND FILTER OPTION 8**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 35,000.00	\$ 35,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
3	COMMON EXCAVATION	4200	CY	\$ 15.00	\$ 63,000.00
4	12" HDPE STORM SEWER	100	LF	\$ 30.00	\$ 3,000.00
5	8" PERFORATED PVC DRAINTILE	300	LF	\$ 30.00	\$ 9,000.00
6	DIVERSION STRUCTURE	1	EA	\$ 6,000.00	\$ 6,000.00
7	TURF REINFORCEMENT MAT	30	SY	\$ 35.00	\$ 1,050.00
8	WASHED SAND, (P)	130	CY	\$ 45.00	\$ 5,850.00
9	WASHED AGGREGATE - RIVER RUN PEA STONE, (P)	350	CY	\$ 70.00	\$ 24,500.00
10	IESF MIXTURE (IRON FILINGS - 5% BY WEIGHT)	720	CY	\$ 160.00	\$ 115,200.00
11	Pump Station (Manhole, Pump, Controls, etc.)	1	EA	\$ 100,000.00	\$ 100,000.00
12	SEEDING & RESTORATION (INCLUDING BUFFER STRIP)	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
13	EROSION CONTROL	1	LUMP SUM	\$ 15,000.00	\$ 15,000.00
CONSTRUCTION SUBTOTAL:					\$ 392,600.00
		30%	CONSTRUCTION CONTINGENCY		\$ 117,780.00
CONSTRUCTION TOTAL					\$ 510,380.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 10,000.00
TOTAL COST					\$ 520,380.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(78,057.00)	\$ 442,323.00
		25%	\$	130,095.00	\$ 650,475.00

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - WETLAND BANK OPTION**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 11,000.00	\$ 11,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 2,000.00	\$ 2,000.00
3	COMMON BORROW	300	CY	\$ 30.00	\$ 9,000.00
4	DRAINAGE STRUCTURE	1	LS	\$ 7,000.00	\$ 7,000.00
5	STORM SEWER, CMP 6"	20	LF	\$ 60.00	\$ 1,200.00
6	STORM SEWER, CMP 24"	20	LF	\$ 80.00	\$ 1,600.00
7	RANDOM RIPRAP, CLASS IV	30	CY	\$ 125.00	\$ 3,750.00
8	DEWATERING	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
9	SEEDING & RESTORATION	1	LUMP SUM	\$ 60,000.00	\$ 60,000.00
10	EROSION CONTROL	1	LUMP SUM	\$ 8,000.00	\$ 8,000.00
CONSTRUCTION SUBTOTAL:					\$ 113,550.00
		30%	CONSTRUCTION CONTINGENCY		\$ 34,065.00
CONSTRUCTION TOTAL					\$ 147,615.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 700,000.00
TOTAL COST					\$ 847,615.00
ESTIMATED ACCURACY RANGE***		-15%	\$ (127,142.25)	\$	720,472.75
		25%	\$ 211,903.75	\$	1,059,518.75

ENGINEER'S OPINION OF PROBABLE PROJECT COST - FEASIBILITY STUDY**SPRING LAKE WEST - WETLAND FLOOD STORAGE OPTION**

PREPARED BY EMMONS & OLIVIER RESOURCES, INC.

JOB NO. 00758-0124

REVISED: Tuesday, January 4, 2022

Item No.	Item	Estimated Quantity	Units	Unit Price	Total Price
1	MOBILIZATION	1	LUMP SUM	\$ 14,000.00	\$ 14,000.00
2	SITE CLEARING & GRUBBING	1	LUMP SUM	\$ 2,000.00	\$ 2,000.00
3	COMMON BORROW	300	CY	\$ 30.00	\$ 9,000.00
4	DRAINAGE STRUCTURE	1	LS	\$ 7,000.00	\$ 7,000.00
5	STORM SEWER, CMP 6"	20	LF	\$ 60.00	\$ 1,200.00
6	STORM SEWER, CMP 24"	20	LF	\$ 80.00	\$ 1,600.00
7	RANDOM RIPRAP, CLASS IV	30	CY	\$ 125.00	\$ 3,750.00
8	DEWATERING	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
9	SEEDING & RESTORATION	1	LUMP SUM	\$ 90,000.00	\$ 90,000.00
10	EROSION CONTROL	1	LUMP SUM	\$ 8,000.00	\$ 8,000.00
CONSTRUCTION SUBTOTAL:					\$ 146,550.00
		30%	CONSTRUCTION CONTINGENCY		\$ 43,965.00
CONSTRUCTION TOTAL					\$ 190,515.00
LAND ACQUISITION/EASEMENT AND LEGAL COSTS					\$ 700,000.00
TOTAL COST					\$ 890,515.00
ESTIMATED ACCURACY RANGE***		-15%	\$	(133,577.25)	\$ 756,937.75
		25%	\$	222,628.75	\$ 1,113,143.75

PLSLWD Board Staff Report
January 5, 2022



Subject	2022 Board Officer Appointments	
Board Meeting Date	January 11, 2022	Item No: 4.3
Prepared By	Joni Giese, District Administrator	
Attachments	None	
Proposed Action	Board members shall nominate and vote on four officer positions (President, Vice President, Secretary, and Treasurer) for 2022.	

Background

Per the PLSLWD Bylaws:

- I. **Officers.** The Board annually will elect from among its members the following officers: president, vice president, secretary and treasurer. If any officer cannot complete his or her term of office, the Board immediately will elect from among its members an individual to complete the unexpired term. An officer's term as officer continues until a successor is elected or the officer resigns. The Board, by action at an official meeting, may appoint a manager as an officer pro tem in the event an officer is absent or unable to act, and action by that officer is required.
 - a. *President.* The president will:
 - i. preside at all meetings as chair of the Board.
 - ii. sign and deliver in the name of the District contracts, deeds, correspondence or other instruments pertaining to the business of the District;
 - iii. be a signatory to District documents if the treasurer or secretary is absent or disabled, to the same extent as the treasurer or secretary.
 - b. *Vice President.* The vice president will:
 - i. preside at meetings as chair in the absence of the president;
 - ii. be a signatory to District instruments and accounts if the president is absent or disabled, to the same extent as the president.
 - c. *Secretary.* The secretary will:
 - i. be a signatory to resolutions and other documents certifying and memorializing the proceedings of the District;
 - ii. maintain the records of the District;
 - iii. ensure that minutes of all Board meetings are recorded and made available to the Board in a timely manner and maintain a file of all approved minutes;

- d. *Treasurer*. The treasurer will:
 - i. present a report at the monthly meeting of the Board of Managers that tracks each of the watershed district's funds and account balances;
 - ii. provide such other records as are necessary to inform the Board of the financial condition of the District.

Discussion

There are four officer positions to be elected for 2022: President, Vice President, Secretary and Treasurer.

The following is a list of Board Members serving roles in 2021 for reference:

President:	Mike Myser
Vice President:	Curt Hennes
Treasurer:	Bruce Loney
Secretary:	Steve Pany

Action Item

Board members shall nominate and vote on four officer positions (President, Vice President, Secretary, and Treasurer) for 2022.

PLSLWD Board Staff Report
January 5, 2022



Subject | 2022 Board Liaison Appointments

Board Meeting Date | January 11, 2022

Item No: 4.4

Prepared By | Joni Giese, District Administrator

Attachments | 2021 Board Liaison Appointments

Proposed Action | Vote on Board Liaison Appointments

Background

The Board assigns liaisons to key partnership and community meetings on an annual basis. These liaisons serve to provide information to partners and stakeholders about District projects as well as to share important updates from these organizations to the Board that may affect District interests.

A copy of the 2021 Board Liaison Appointments is attached for reference.

Proposed Action

A motion must be made to appoint Board liaisons for 2021, stating what revisions are made from the 2020 appointments, if any.

PLSLWD LIAISON APPOINTMENTS 2021		
MEETING	WHEN	WHO
City of Prior Lake	City Council Meetings First & Third Monday, 7:00 PM <i>Work Sessions before</i> Prior Lake City Hall, Council Chambers	Frank Boyles
City of Prior Lake Citizen Engagement Committee	CEC Meeting Third Thursday, 4:30 PM Prior Lake City Hall, Parkview Room	Frank Boyles
City of Savage	Council Meetings First & Third Monday, 7:00 PM City Council Chambers	Vacant <i>District Administrator, as needed</i>
Lower Minnesota Watershed District	Board of Managers Meeting Third Wednesday, 7:00 PM Carver County Govt. Center in Chaska	Steve Pany
SCALE – General Membership	SCALE Meeting Second Friday, 7:30 AM Location varies	Mike Myser
City of Shakopee	Council Meetings First & Third Tuesdays, 7:00 PM Shakopee City Hall, Council Chambers	Bruce Loney
SCALE – Service Delivery Committee	Second Monday 10:30 AM	District Administrator
Scott SWCD	Supervisor Board Meeting Third Thursday, 9:00 AM Scott SWCD Office, Jordan	Curt Hennes
Scott WMO Planning Commission	Commission Meeting Fourth Monday, 4:00 PM Scott County Govt. Center in Shakopee	Bruce Loney
Spring Lake Township	Township Board Meeting Second Thursday, 7:00 PM Spring Lake Town Hall, Prior Lake	Curt Hennes
SMSC	As needed	Mike Myser
CAC	CAC Meetings Last Thursday, 6:30 PM Prior Lake City Hall	Bruce Loney
Sand Creek Township	Township Board Meeting First Thursday, 7:00 PM Jordan City Council Chamber	Curt Hennes
PLOC	PLOC Cooperators Meeting Meets Quarterly, Time/Day Varies Prior Lake City Hall	Mike Myser (Board President)
Farmer-led Council	Farmer-Led Council Meeting Meets Quarterly, Time/Day Varies Location Varies	Mike Myser
Scott County	Commissioners Board Meeting First and Third Tuesdays at 9:00 AM Scott County Govt. Center in Shakopee	Mike Myser

PLSLWD Board Staff Report
January 6, 2022



Subject 	PLSLWD Electronic Signature Policy	
Board Meeting Date 	January 11, 2022	Item No: 4.5
Prepared By 	Joni Giese, District Administrator	
Attachments 	Resolution 22-353 - PLSLWD Electronic Signature Policy	
Proposed Action 	Board approval of Resolution 22-353: PLSLWD Electronic Signature Policy	

Background

Minnesota Statutes chapter 325L establishes the legal validity of electronic signatures and directs each governmental agency of the state to determine whether, and the extent to which, it will utilize and accept electronic signatures as legally effective and binding for District operations and business purposes.

Discussion

PLSLWD has yet to adopt a policy to respond to State Statutes. Adoption of the policy will benefit the District by providing efficient administration of PLSLWD operations and business, while also establishing practices that will protect the District against fraudulent activity.

Recommendation

Board approval of Resolution 22-353: PLSLWD Electronic Signature Policy.



Resolution 22-353

Resolution adopting the PLSLWD Electronic Signature Policy

WHEREAS the Uniform Electronic Transactions Act, Minnesota Statutes chapter 325L, establishes the legal validity of electronic signatures and section 325L.18 directs each governmental agency of the state to determine whether, and the extent to which, it will utilize and accept electronic signatures as legally effective and binding for purposes of PLSLWD's conduct of official transactions and business, and otherwise create, generate, communicate, store, process, use and rely on electronic signatures; and

WHEREAS PLSLWD has determined that the use of reliable systems of third-party electronic-signature technology provides useful efficiency in the administration of PLSLWD agreements and other legally effective documents.

NOW, THEREFORE BE IT RESOLVED that the PLSLWD Board of Managers hereby adopts the following Electronic Signature Policy to authorize the use of electronic signatures for documents to which the PLSLWD is a party:

1. PLSLWD may accept and utilize electronic signatures that create digitally authenticated signatures – those that produce “an electronic sound, symbol, or process attached to or logically associated with a record and executed or adopted by a person with the intent to sign the record,” Minnesota Statutes section 325L.02(h) – as ascertained by the PLSLWD administrator on advice of counsel as to compliance with applicable law, provided that such electronic authentication further includes the date and time of the signature, the signatory's internet protocol address, and attribution of intent of the signatory to sign.
2. PLSLWD may utilize electronic signatures for the execution of funding commitments; land-use licenses; contracts and task orders for goods, services, utilities, construction and professional and technical services; project agreements; and documents necessary and pertinent to the efficient administration of PLSLWD operations and business, such as resolutions and minutes.
3. PLSLWD may utilize scanned handwritten signatures as electronic signatures on contracts and agreements committing PLSLWD to no more than \$5,000 in expenditures when such expenditures are to be paid only after receipt of goods, supplies or services to be rendered.
4. Forms of electronic signatures unacceptable for PLSLWD use include:
 - a. An image of a signature placed into or on a document by digitally pasting the image into the document;
 - b. A signature created by typing the name of the person into the document.

NOW THEREFORE BE IT FURTHER RESOLVED that this resolution does not confer on the PLSLWD administrator the authority to subdelegate signing authority conferred on her by the board of managers to any other person.

NOW THEREFORE BE IT FINALLY RESOLVED that the board of managers directs the administrator to incorporate this electronic signature policy into PLSLWD's General Governance Policies.

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>Absent</u>
Boyles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hennes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loney	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myser	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pany	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the chair declared the resolution adopted.

Steve Pany, Secretary

Dated: _____, 2021

**BOARD WORKSHOP MEETING MINUTES**

Tuesday December 21, 2021

Prior Lake City Hall

4:00 pm

Members Present: Mike Myser, Curt Hennes, Bruce Loney, Steve Pany, Frank Boyles

Staff & Consultants Present: Joni Giese, District Administrator
Carl Almer, EOR, District Engineer
Patty Dronen, Administrative Assistant

Others Present: Lisa Quinn, Spring Lake Township
Josh Accola, Stantec Corp.
Matt Tofanelli, CAC
Megan Tasca, Scott County
Dave Beer, Scott County

CALL TO ORDER:

Meeting called to order by President Myser at 4:00 pm.

2022 BUDGET FINAL REVISIONS:

Administrator Giese reported that in September the board of managers reviewed the proposed draft 2022 levy and budget and there was a public hearing in which the proposed 2022 Levy and Budget was presented. The board passed a resolution certifying the preliminary levy. She stated there would be a second public hearing on the final 2022 budget and levy at the board meeting that evening.

Administrator Giese noted no changes are proposed from the preliminary levy amount, but there are proposed changes from the preliminary budget amount as presented at the September board meeting. The proposed budget changes are based on updated estimates of 2022 expenditures and updated grant activity. Proposed changes to the preliminary budget include:

648 Permitting and Compliance

- Propose an increase of \$1,000 for the levy.
- Propose an increase of \$2,000 in fees to better reflect the anticipated increase in 2022 permit activity.

648 BMP Inspections

- Propose to increase of levy by \$1,000 to better reflect anticipated 2022 easement inspection activity.

626 Upper Watershed Blueprint

- The estimated unused funds that will be committed at the end of year have been revised from \$178,000 as shown in the preliminary budget to \$190,000 as shown in the proposed final budget (\$12,000 increase). Budget also includes \$19,800 in grants funds to be expended/received in 2022. Preliminary budget assumed these grant funds would be received in 2021.

550 Sutton Lake Outlet Structure

- Eliminated \$2,000 from levy.
- Budget includes 62,700 in grant funds expended/receipts in 2022.

PLOC Expenses

- Decreased by \$13,235 based on updated 2022 PLOC projected expenditures, developed since September.
- Increase Public Infrastructure Partnership Projects (PIPP) by \$13,235 to use on potential Partnership projects.

Reserves

- The budget reserves increased from \$408,000 (as shown in preliminary budget) to \$482,000 (proposed final budget).
- Budgeted grant fund expenditures/receipts increased to \$105,000 (proposed final budget), to reflect 2022 grant activity originally expected to occur in 2021 (preliminary budget).

Managers Loney, Myser and Hennes questioned whether the committed funds for Upper Watershed Blueprint and the Alum Internal Loading Reserve were appropriately reflected in the 2022 budget. Administrator Giese will inquire with the District's accountant to determine if these funds are appropriately shown in the budget or whether the budget needs to be corrected. Administrator Giese requested the Managers consider adopting the proposed budget at the board meeting that evening. If corrections are needed, that can be done early in 2022.

Manager Myser proposed that \$13,235 proposed for Public Infrastructure Partnership Projects (PIPP) be directed towards the Upper Watershed Blueprint instead. A motion was made by Manager Boyles to allocate \$13,235 to the Upper Watershed Blueprint instead of Public Infrastructure Partnership Projects. Second by Manager Pany. All ayes. Passed 5-0.

Manager Boyles inquired if Administrator Giese liked the format of the budget documents. She stated that it is in a format inherited from the previous administrator. She added more detail to the supporting budget memo to better articulate where District activities are to be charged. She stated the memo, in combination with the spreadsheet, will be helpful for both her and staff.

Manager Myser inquired whether the stream macro invertebrate monitoring (\$2,200) was a new budget item and wondered if it was worth adding a new project to the staff. Administrator Giese will research this question. She stated the District is spending more on stream monitoring than lake monitoring as there are many more stream locations. If there continues to be in drought conditions, stream monitoring activity will be reduced. A portion of the lake data is collected by volunteers, who cannot be used for stream monitoring.

DRAFT FINAL RULE REVISIONS:

Administrator Giese presented information on rule revision history and rules policy. The last time rules were substantively updated was 2003. Minor rules were added in 2015 to be in compliance with the MS4 permit. The rules update process started in 2017. Between 2018 and 2020 public input and discussion occurred through TAC, Road Authority, and Board Meetings, along with a Public Hearing and a 45-day review period. In early 2020 there was a policymaker meeting with LGU partners to discuss comments received during the 45-day comment period. Due to staffing changes, the rules process was put on hold until summer 2021. Proposed final rules were prepared based on comments received and shared back out to LGU partners with a request for final courtesy review comments.

Carl Almer stated the proposed rule revisions include new exceptions and flexibility to move the District's rules closer to the MS4 permit standards and LGU partners' practices. Carl presented on several comments received from the LGU partners that are seen as the primary comments to be resolved (either make additional modifications to the proposed rules or decide to keep as is):

1. **Stormwater Rule D.2(a) - Exclude Lower Prior from HVRA (submitted by City of Prior Lake)**
It was suggested that the shoreline ordinance could be overlaid to see actually how much land area is affected by the HVRA designation.
2. **Stormwater Rule D.2(d) -Modify Riparian Lot Trigger (submitted by City of Prior Lake)**
3. **Stormwater Rule D.2(b) – Modify Public Linear Threshold (Submitted by Scott County)**
4. **Stormwater Rule Exemption 8.g - Exempt all Rural Land Use (Submitted by Scott County)**
5. **Buffer Rule J.5(g)(i) – Modify Buffer Access (Submitted by Scott County)**

Carl and Administrator Giese will prepare draft comment responses for board review at a future workshop.

PLSLWD IMPAIRED AND INFESTED WATERS:

Administrator Giese stated the MPCA recently updated their list of impaired waters and Manager Pany inquired if any PLSLWD waters were added to the list. Manager Myser recently

inquired about the accuracy of a newspaper article that stated Lower Prior Lake was impaired. Based on these scenarios, Administrator Giese thought it would be good to share with the Managers the latest summaries of impaired and infested waters in the District. Beyond the impaired waters list (developed by the MPCA) and infested waters list (developed by the MN DNR), the District is in the process of developing a third table that also includes additional aquatic invasive species (AIS) information that is not reflected on the other agencies' list, such as goldfish and carp. The table is based on DNR information and staff's field knowledge. The final version of the table will be included in the District's upcoming AIS Rapid Response Plan.

Administrator Giese stated District staff needs to inquire more with MPCA regarding the impaired waters list to ensure the district is doing what it can to address the impairments.

TRUCK MAINTENANCE RECORDS:

Manager Pany would like to have a folder in the PLSLWD office that includes all the truck maintenance records available for manager review. In order to protect the District's investment in a new truck, he would like to have the truck washed on a semi-regular basis. He also expressed that he does not like the fact that interns are allowed to drive the District truck. Managers Boyles and Myser expressed the opinion that maintenance of the truck is the responsibility of the District Administrator and they believed manager review of documents was an over-reach of manager responsibilities.

MEDIA PLAN:

Manager Pany would like to see more press about the watershed district in local newspapers. He inquired if it is possible to put a media plan together for 2022 to include a monthly topic to submit to the Prior Lake American, the SCENE, etc.

Administrator Giese stated that given the District is still down one staff member, the development of newspaper articles has not been a high priority. She stated it is time for staff to update the annual education and outreach plan. As part of that effort, they will incorporate an approach (and potential topics) to increase the number of articles the District develops and submits to newspapers. She noted the District recently drafted an article about goldfish that will be submitted to the SCENE.

WATERSHED STUDY UPDATE:

Administrator Giese stated a first draft of the baseline conditions report was shared with the project's Technical Advisory Committee (TAC) on November 2, 2021. Revisions were made to the report based on comments received from the TAC. The revised report was presented to the project's Steering Committee on November 29, 2021. Managers Loney and Boyles represent PLSLWD on the Steering Committee. Final edits are being made to the baseline conditions report based on Steering Committee feedback. The final baseline conditions report will be presented at the January workshop meeting.

STAFFING UPDATE:

Administrator Giese stated the District received 12 applicants for the Permit Coordinator position. One applicant, while not having direct experience, may have transferable skills to fulfill the position. Two other watershed districts are hiring for a similar position so she will check with those districts to see what type of responses they are getting.

LIAISON UPDATES:

The City of Shakopee rejected all bids for the Quarry Lake Outlet plan, as the bid prices came in much higher than the cost estimate.

Scott WMO recently received a new grant. They also proposed a 3% increase in their 2022 levy.

Scott Soil & Water Conservation District has changed their meetings to the third Thursday of the month (from the third Tuesday of the month).

BANKING SOLUTION:

Manager Loney reported that he, along with Administrator Giese, are investigating potential district fund depository options that meet state statutes while also providing better short-term investment opportunities. The district's accountant, CLA suggested the District research the 4M (Minnesota Municipal Money Market) Fund, which was established by the League of Minnesota Cities in 1987. Over 400 government agencies participate in this fund. Additional research is being performed and information learned will be brought forward to the managers for their consideration.

ADJOURNMENT:

Manager Hennes moved to adjourn meeting. Second by Manager Pany. All Ayes. Motion Passed 5-0.

Meeting adjourned at 5:55pm.



REGULAR MEETING MINUTES

Thursday December 21, 2021

Prior Lake City Hall

6:00 PM

Managers Present: Mike Myser, Curt Hennes, Bruce Loney, Steve Pany, Frank Boyles

Staff & Consultants Present: Joni Giese, District Administrator
Shauna Capron, Water Resources Assistant
Carl Almer, EOR, District Engineer

Others Present: Lisa Quinn, Spring Lake Township
Josh Accola, Stantec Corp.
Ben Burnett, CAC
Eric Lindberg (Virtual), Environmental Sentry Protection
Ben Brandt & Derek Lee, Waterfront Restoration

1.0 CALL TO ORDER & PLEDGE OF ALLEGIANCE:

Meeting called to order by President Myser at 6:00 P.M.

2.0 PUBLIC COMMENT:

None

3.0 APPROVAL OF AGENDA:

Manager Hennes moved to approve the agenda. Second by Manager Pany. All Ayes.
Passed 5-0

Public Hearing 2022 Budget and Levy

Manager Loney moved to open the 2022 Budget Resolution 21-349 public meeting.
Second by Manager Boyles. All Ayes. Passed 5-0
Public comment: None.

Manager Hennes moved to close the 2022 Budget Resolution 21-349 public meeting.
Second by Manager Pany. All Ayes. Passed 5-0

Manager Myser commented that the funds allocated to the alum fund and Upper Watershed Blueprint project could be better reflected in the budget.

Manager Boyles moved to approve 2022 Budget-Resolution 21-349. Second by Manager Hennes. Passed 3-2. Managers Myser and Hennes voted no.

2022 Levy-Resolution 21-350

Manager Loney moved to open the 2022 Levy-Resolution 21-350 the public meeting. Second by Manager Hennes. All Ayes. Passed 5-0

Manager Myser commented that this is the first levy increase in four years. It is a small 3% levy increase primarily to fund upper watershed projects that will cost approximately 9 million dollars that will reduce 90% of the pollutants entering local lakes. It will also future alum treatments.

Public comment: none.

Manager Loney moved to close the 2022 Levy-Resolution 21-350 public meeting. Second by Manager Hennes. All Ayes. Passed 5-0

Manager Loney moved to approve 2022 Levy-Resolution 21-350. Second by Manager Hennes. All ayes. Passed 5-0

4.0 OTHER OLD/NEW BUSINESS:

4.1 Programs & Projects Update:

Lake ice-over are being recorded. The yearly trend is later fall lake ice-overs.

Lake report cards are complete that incorporate 2021 summer data. Water quality trends are generally improving.

Walleye stocking was recently completed by project leader Jeff Anderson.

Administrator Giese presented a grant status update.

Upper Watershed Project Update. Spring Lake west project is a current focus. Buck Lake project feasibility study is moving forward. Sutton Lake iron sand filter and management plan is moving forward. Manager Myser commented that the Engineer pool may be used for specific projects.

A Farmer-Led Council, Growing Healthy Soils Event – Part 1 will be on January 13, 2022.

Growing Healthy Soils event – Part 2 will occur on March 8, 2022.

4.2 I-LIDS 2021 Annual Report: Eric Lindberg CEO. Environmental Sentry Protection LLC

2007 was Environmental Sentry Protection's (ESP) 1st year in business. 2021 was the first year the District used the I-LIDS device. It was installed 5/13/21 and de-installed 11/15/21. 10,726 videos were captured and 5734 of the videos were reviewed by ESP. One suspected AIS violation was found.

Use of I-LIDS provides community education, supports compliance, and spreads awareness. An advantage it provides is monitoring without an inspector present. The CAC will be reviewing and evaluating the first year's results/operations and will make a recommendation regarding future use to PLSLWD managers and staff.

4.3 Watercraft Inspections 2021 Report: Waterfront Restoration LLC

Ben Brandt, Operations Manager from Waterfront Restoration made a presentation / report regarding Fish, Spring, and Prior Lakes boat launch inspections from May to September, 2021. 4817 inspections were performed during 1,000 hours of inspection activity. This service strives to prevent AIS from entering or leaving lakes.

4.4 Year End Fund Commitments (Suggested by PLSLWD accountants, CLA, in response to manager inquiries about how to best direct unexpended 2021 budget items towards intended future purpose)

Proposed committed funds include:

- Alum Internal Loading Fund Balance Commitment-Resolution 21-351
- Upper Watershed Blueprint Fund Balance Commitment-Resolution 21-352

Manager Hennes moved to approve Resolution 21-351 and Resolution 21-352. Second by Manager Loney. All Ayes. Passed 5-0

4.5 Permit #21.02 MN Dot TH 13 (SP 7001-123)

Manager Boyles moved to approve Option #1 (Approve the application subject to the conditions noted in the attached Permit Application Staff Review Comments and approve MnDOT's request to waive security requirements) for permit #21.02, MnDOT TH 13 (SP 7001-123). Second by Manager Loney. Passed 3-2. Manager Myser and Hennes voted no, as they were not in favor of waiving the security requirements.

5.0 CONSENT AGENDA:

Manager Boyles asked that meeting minutes format be revised to avoid confusion between listing all board managers at the top of the document and then the list of managers who were present at the meeting. It was decided to remove the list of managers from the minutes to avoid future confusion. Manager Boyles moved to approve the Consent Agenda. Second by Manager Loney. All Ayes. Passed 5-0

- 5.1 Meeting Minutes - November 9, 2021, Board Workshop
- 5.2 Meeting Minutes - November 9, 2021, Board Meeting
- 5.3 Meeting Minutes - October 28, 2021, CAC Meeting
- 5.4 Claims List & Visa Expenditures Summary
- 5.5 Mesenbrink Development Agreement
- 5.6 Marxen Farm Development Agreement and Conservation Easement
- 5.7 Springview Meadows Development Agreement and Conservation Easement

6.0 TREASURER'S REPORT:

Manager Loney reported that finances and financial projections are in good order.

6.1 Monthly Financial Reports

Fund Performance Analysis
Cash and Investments Summary
Cash Flow Projections

7.0 UPCOMING MEETING/EVENT SCHEDULE:

Board of Managers Meeting, Tuesday, January 11, 2022, 6:00 pm, Prior Lake City Hall-Council Chambers.

January 13th Farmer-Led Council, Growing Healthy Soils Event- Part 1.

CAC meeting Thursday January 27, 2022, Wagon Bridge Conference Room, Prior Lake City Hall, 6:30 pm.

ADJOURNMENT:

Manager Pany moved to adjourn meeting. Second by Manager Hennes. All Ayes. Motion Passed 5-0 Meeting adjourned at 7:50 P.M.

Steve Pany, District Secretary

December 21, 2021



SPECIAL MEETING MINUTES

Monday, December 13, 2021

Prior Lake City Hall, Wagon Bridge Conference Room

Members Present: Curt Hennes, Steve Pany, Frank Boyles, Bruce Loney & Mike Myser

Staff Present: Joni Giese, District Administrator

Others Present: EOR (interview only): Carl Almer, Kyle Crawford, Mike Talbot, Brett Emmons, Kevin Biehn, Jason Naber
Stantec (interview only): Josh Accola, Diane Spector, Ed Matthiesen

1.0 CALL TO ORDER

The meeting was called to order by President Mike Myser at 4:00 pm.

2.0 PUBLIC COMMENT

None.

3.0 APPROVAL OF AGENDA

Agenda was approved.

4.0 OTHER OLD/NEW BUSINESS

4.1 and 4.2

District Engineer Interviews and Selection of 2022 – 2023 District Engineer, Legal Counsel, and Auditor

Interviews were held with EOR and Stantec.

Manager Boyles made a motion to retain EOR as District Engineer, Smith Partners as District's Legal Counsel, and Abdo as the District's auditor for 2022 and 2023. Second by Manager Hennes. All Ayes. Passed 5-0.

4.3 Volunteer Appreciation/Recognition

Administrator Giese presented five options for approaches for expressing appreciation to the District volunteers via gift cards. Volunteers fell into four categories (Citizens Advisor Committee members, Farmer-led Council members, CAMP lake sampling volunteers, and miscellaneous volunteers) Manager Boyles made a motion to move forward with volunteer appreciation Option A (\$50 gift card to each volunteer) that would be applied to future years until the Board of Managers vote to change the gift card value. Second by Manager Pany. All Ayes. Passed 5-0.

5.0 ADJOURNMENT

Meeting was adjourned at 6:00 pm.

Patty Dronen - Administrative Assistant

CLA - accountant

Bruce Loney, Treasurer

1/11/2022

**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 Manager per diems have already been paid via ADP. After the managers vote, two Managers will sign checks within three days of the meeting for approve claims. Then, staff will US mail checks (written on the Sterling State Bank) to the claims list parties. Staff will request that all vendors provide information on their invoices to fit into the categories below

Vendor	Invoice	Description	Amount
1. Watershed District Projects (excluding staff payroll)			
WSB	R-017421-000-22	319 BWSR Grant Project	5,265.75
	R-017421-000-21	WBF Grant	1,615.00
	R-017421-000-23	Carp Management	2,232.50
BWSR	3000011700	Alum Grant BWSR Refund	8,021.15
Blue Water Science		CLP Delineations in Spring and Upper Prior	5,100.00
		Aquatic Plant Point Surveys in Spring and Upper Prior	4,500.00
		LVMPs for Spring and Upper Prior	5,600.00
Smith Partners			1,390.52
			215.10
Xcel Energy	757606503	October-November Service - 18051 Langford Blvd.	14.26
		Subtotal	\$ 33,954.28
2. Outlet Channel - JPA/MOA (excluding staff payroll)			
CLA	3102905	PLOC Accounting	1,600.00
Smith Partners		PLOC Accounting	48.20
		Subtotal	\$ 1,648.20
3. Payroll, Office and Overhead			
ADP Manager Per Diems			169.48
ADP Staff Payroll			18,341.74
ADP Taxes & Benefits			13,338.19
HSA Bank			265.38
Fidelity			165.38
NCPERS		Life Insurance Premiums	96.00
Reliance Standard		January LTD and STD Premiums	735.68
HealthPartners			5,106.65
City of Prior Lake		Rent (February 2022)	2,250.00
CLA	3102905	Monthly bookkeeping	1,610.00
		Payroll Services	730.00
		Technology and Client Support fee	197.00
Smith Partners			669.20
Metro Sales		Monthly usage December-January	103.00
Rymark		Monthly charge - January	783.00
		Equipment - Dell Dock	368.49
		Microsoft Fees - December and January	175.00
LogMeIn		This service was cancelled - this is the balance due	34.36
VISA			3,058.91
		Subtotal	\$ 48,197.46
TOTAL			\$ 83,799.94

X _____ X _____

Prior Lake Spring Lake Watershed District
VISA Transactions November 24-December 22, 2021

Posting Date	Merchant Name	Amount	Receipt?	Class	Customer	Expense	Description
11/24/2021	HSEM TIER 2 REPORTING	\$25.00	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2020
11/24/2021	HSEM TIER 2 REPORTING SER	\$0.62	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2020
11/24/2021	INSTAGANTT	\$7.00	x	405 General Fund		903 Dues/Fees/Subscriptions	Software
12/1/2021	VISTAPR*VistaPrint.com	\$131.23	x	405 General Fund		706 Office Supplies	Thank you Cards
12/1/2021	GROUPGREETING	\$4.99	x	405 General Fund		706 Office Supplies	Joni B-Day Card
12/2/2021	AMAZON	\$13.88	x	405 General Fund		706 Office Supplies	Dish Soap
12/3/2021	VZWRLLSS*BILL PAY VB	\$61.16	x	648 Regulation	Permitting and Compliance	876 Field Equipment & Maintenance	Cell Phone service
		\$70.32	x	839 Operations Non Spec	PLOC Restoration Maintenance	876 Field Equipment & Maintenance	Cell Phone service
		\$30.16	x	611 Operations & Maintenance	Rough Fish Management	876 Field Equipment & Maintenance	Cell Phone service
12/3/2021	IRONCLAD STORAGE	\$199.00	x	611 Operations & Maintenance	Fish Management	876 Field Equipment and Maintenance	Storage unit
12/5/2021	STAPLES 00118786	\$73.35	x	611 Operations & Maintenance	Farmer-Led Council	901 Mailings	Postcard printing, Mailing labels
12/7/2021	LUNDS&BYERLYS PR LA	\$11.52	x	405 General Fund		902 Meals	Staff Donuts
12/9/2021	CUB FOODS #1640	\$219.80	x	626 Planning	Planning & Program Development	806 Program Costs - Misc.	CAC Thank you VISA Gift Cards
12/9/2021	CUB FOODS #1640	\$329.70	x	626 Planning	Planning & Program Development	806 Program Costs - Misc.	CAC Thank you VISA Gift Cards
12/9/2021	SHELL OIL 57444700207	\$75.08	x	637 Monitoring & Research	District Monitoring Program	801 Mileage	Gas
12/10/2021	ADOBE CREATIVE CLOUD	\$56.90	x	626 Planning	Planning & Program Development	903 Dues/Fees/Subscriptions	Software
12/10/2021	HSEM TIER 2 REPORTING	\$25.00	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2019
12/10/2021	HSEM TIER 2 REPORTING SER	\$0.62	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2019
12/10/2021	AMZN Mktp US*UA6KE3DP3	\$25.78	x	611 Operations & Maintenance	Fish Management	876 Field Equipment and Maintenance	Batteries
12/12/2021	AMAZON.COM*N402K7O03 AMZN	\$42.79	x	611 Operations & Maintenance	Fish Management	876 Field Equipment and Maintenance	Gloves and handwarmers
12/14/2021	JIMMY JOHNS	\$49.97	x	626 Planning	Planning & Program Development	902 Meals	Board Manager Meal
12/14/2021	LUNDS&BYERLYS PR LA	\$5.79	x	626 Planning	Planning & Program Development	902 Meals	Board Manager Meal
12/14/2021	AMAZON.COM*7M4TS66G3 AMZN	\$14.94	x	611 Operations & Maintenance	Fish Management	876 Field Equipment and Maintenance	Insulated Gloves
12/14/2021	HSEM TIER 2 REPORTING	\$25.00	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2018
12/14/2021	HSEM TIER 2 REPORTING SER	\$0.62	x	611 Operations & Maintenance	Highway 13 Wetland FeCl	903 Dues/Fees/Subscriptions	Tier II Annual Report - 2018
12/16/2021	GOCANVAS	\$51.00	x	648 Regulation	Permitting and Compliance	903 Dues/Fees/Subscriptions	Software
12/16/2021	KNOTTY OAR	\$284.54	x	611 Operations & Maintenance	Fish Management	876 Field Equipment and Maintenance	Boat Winterization
12/16/2021	CUB FOODS #1640	\$384.65	x	626 Planning	Planning & Program Development	806 Program Costs - Misc.	Volunteer Thank you VISA Gift Cards
12/16/2021	CUB FOODS #1640	\$274.75	x	626 Planning	Planning & Program Development	806 Program Costs - Misc.	Volunteer Thank you VISA Gift Cards
12/16/2021	CUB FOODS #1640	\$219.80	x	626 Planning	Planning & Program Development	806 Program Costs - Misc.	Volunteer Thank you VISA Gift Cards
12/17/2021	USPS	\$44.00	x	626 Planning	Planning & Program Development	901 Mailings	Board Packet Mailing
12/20/2021	USPS	\$174.00	x	405 General Fund		706 Office Supplies	Stamps
12/19/2021	MICROSOFT	\$4.83		626 Planning	Planning & Program Development	903 Dues/Fees/Subscriptions	Software
12/20/2021	AMAZON	\$29.59	x	405 General Fund		706 Office Supplies	Copy Paper (8 1/2 x 11)
12/21/2021	WALGREENS	\$3.89	x	626 Planning	Planning & Program Development	902 Meals	water
12/21/2021	USPS	\$2.36	x	637 Monitoring & Research	District Monitoring Program	901 Mailings	Mailing
12/21/2021	JIMMY JOHNS	\$59.09	x	626 Planning	Planning & Program Development	902 Meals	Board Manager Meal
12/23/2021	INSTAGANTT	\$7.00	x	405 General Fund		903 Dues/Fees/Subscriptions	Software
	Finance Charge - Late Payment due to later board meeting	\$19.19		405 General Fund		903 Dues/Fees/Subscriptions	Late Payment

TOTAL \$3,058.91



Subject | 2022 WSB Carp Management Services Contract

Board Meeting Date | January 11, 2022

Item No | 5.5

Prepared By | Jeff Anderson, Water Resources Coordinator

Attachments | 2022 WSB Carp Management Services Contract

Action | Motion to approve the 2022 WSB Carp Management Services Contract

BACKGROUND

WSB has performed carp management services for the PLSLWD since 2015.

The 2019-2021 MPCA 319 and BWSR grant funding has come to an end, and we are set to continue carp management outlined in our 2021-2022 Integrated Pest Management Plan for Carp. The carp management program is also relied on to achieve assurances set in the previously mentioned completed grants. The 2022 WSB Carp Management Services Contract contains the Scope of Services in Exhibit A. The scope of work outlines the six tasks set for WSB to complete annual objectives resulting in reduction of carp biomass, assessing populations, tracking movement, coordinating removal of underwater obstructions, as well as data processing and reporting. The knowledge and experience learned in previous years is being used to drive cost effectiveness as a tool to select removal methods through the calendar year.

ACTION REQUESTED

District staff is requesting that the Board of Managers approve the attached 2022 WSB Carp Management Services Contract written not to exceed \$54,162.

**AGREEMENT BETWEEN
PRIOR LAKE - SPRING LAKE WATERSHED DISTRICT and
WSB & ASSOCIATES, INC**

2022 CARP MANAGEMENT SERVICES

This agreement is entered into by the Prior Lake - Spring Lake Watershed District, a public body with powers set forth at Minnesota Statutes chapters 103B and 103D (PLSLWD), and WSB CONSULTANTS, INC, a Minnesota corporation (CONSULTANT). In consideration of the terms and conditions set forth herein and the mutual exchange of consideration, the sufficiency of which hereby is acknowledged, PLSLWD and CONSULTANT agree as follows:

1. Scope of Work

CONSULTANT will perform the work described in the 1/5/2022 Scope of Services attached as Exhibit A (the "Services"). Exhibit A is incorporated into this agreement and its terms and schedules are binding on CONSULTANT as a term hereof. PLSLWD, at its discretion, in writing may at any time suspend work or amend the Services to delete any task or portion thereof. Authorized work by CONSULTANT on a task deleted or modified by PLSLWD will be compensated in accordance with paragraphs 5 and 6. Time is of the essence in the performance of the Services.

2. Independent Contractor

CONSULTANT is an independent contractor under this agreement. CONSULTANT will select the means, method and manner of performing the Services. Nothing herein contained is intended or is to be construed to constitute CONSULTANT as the agent, representative or employee of PLSLWD in any manner. Personnel performing the Services on behalf of CONSULTANT or a subcontractor will not be considered employees of PLSLWD and will not be entitled to any compensation, rights or benefits of any kind from PLSLWD.

3. Subcontract and Assignment

CONSULTANT will not assign, subcontract or transfer any obligation or interest in this agreement or any of the Services without the written consent of PLSLWD and pursuant to any conditions included in that consent. PLSLWD consent to any subcontracting does not relieve CONSULTANT of its responsibility to perform the Services or any part thereof, nor in any respect its duty of care, insurance obligations, or duty to hold harmless, defend and indemnify under this agreement.

4. Duty of Care; Indemnification

CONSULTANT will perform the Services with due care and in accordance with national standards of professional care. CONSULTANT will defend PLSLWD, its board members, employees and agents from any and all actions, costs, damages and liabilities of any nature arising from; and hold each such party harmless, and indemnify it, to the extent due to: (a) CONSULTANT's negligent or otherwise wrongful act or omission, or breach of a specific contractual duty; or (b) a subcontractor's negligent or otherwise wrongful act or omission, or breach of a specific contractual duty owed by CONSULTANT to PLSLWD. For any claim subject to this paragraph by an employee of CONSULTANT or a subcontractor, the indemnification obligation is not limited by

a limitation on the amount or type of damages, compensation or benefits payable by or for CONSULTANT or a subcontractor under workers' compensation acts, disability acts or other employee benefit acts.

5. Compensation

PLSLWD will compensate CONSULTANT for the Services on an hourly basis and reimburse for direct costs in accordance with Exhibit A. Invoices will be submitted monthly for work performed during the preceding month. Payment for undisputed work will be due within 30 days of receipt of invoice. Direct costs not specified in Exhibit A will not be reimbursed except with prior written approval of the PLSLWD administrator. Subcontractor fees and subcontractor direct costs, as incurred by CONSULTANT, will be reimbursed by PLSLWD at the rate specified in PLSLWD's written approval of the subcontract.

The total payment for each task will not exceed the amount specified for that task in Exhibit A unless specifically authorized in writing by PLSLWD. The total payment for the Services will not exceed \$54,162. Total payment in each respect means all sums to be paid whatsoever, including but not limited to fees and reimbursement of direct costs and subcontract costs, whether specified in this agreement or subsequently authorized by the administrator. PLSLWD recognizes this is a rental fee associated with the Box Net detailed in Exhibit A. Other equipment operated or owned by CONSULTANT to complete the scope of services does not include usage fees.

CONSULTANT will maintain all records pertaining to fees or costs incurred in connection with the Services for six years from the date of completion of the Services. CONSULTANT agrees that any authorized PLSLWD representative or the state auditor may have access to and the right to examine, audit and copy any such records during normal business hours.

6. Termination; Continuation of Obligations

This agreement is effective when fully executed by the parties and will remain in force until end of day 12/31/2022 unless earlier terminated as set forth herein.

PLSLWD may terminate this agreement at its convenience, by a written termination notice stating specifically what prior authorized or additional tasks or services it requires CONSULTANT to complete. CONSULTANT will receive full compensation for all authorized work performed, except that CONSULTANT will not be compensated for any part performance of a specified task or service if termination is due to CONSULTANT's breach of this agreement.

Insurance obligations; duty of care; obligations to defend, indemnify and hold harmless; and document-retention requirements will survive the completion of the Services and the term of this agreement.

7. No Waiver

The failure of either party to insist on the strict performance by the other party of any provision or obligation under this agreement, or to exercise any option, remedy or right herein, will not waive or relinquish such party's rights in the future to insist on strict performance of any provision, condition or obligation, all of which will remain in full force and affect. The waiver of either party on one or more occasion of any provision or obligation of this agreement will not be construed as

a waiver of any subsequent breach of the same provision or obligation, and the consent or approval by either party to or of any act by the other requiring consent or approval will not render unnecessary such party's consent or approval to any subsequent similar act by the other.

Notwithstanding any other term of this agreement, PLSLWD waives no immunity in tort. This agreement creates no right in and waives no immunity, defense or liability limit with respect to any third party.

8. Insurance

At all times during the term of this Agreement, CONSULTANT will have and keep in force the following insurance coverages:

- A. General: \$1.5 million, each occurrence and aggregate, covering CONSULTANT's ongoing and completed operations on an occurrence basis and including contractual liability.
- B. Professional liability: \$1.5 million each claim and aggregate. Any deductible will be CONSULTANT's sole responsibility and may not exceed \$50,000. Coverage may be on a claims-made basis, in which case CONSULTANT must maintain the policy for, or obtain extended reporting period coverage extending, at least three (3) years from completion of the Services.
- C. Automobile liability: \$1.5 million combined single limit each occurrence coverage for bodily injury and property damage covering all vehicles on an occurrence basis.
- D. Workers' compensation: in accordance with legal requirements applicable to CONSULTANT.

CONSULTANT will not commence work until it has filed with PLSLWD a certificate of insurance documenting the required coverages and naming PLSLWD as an additional insured for general liability, along with a copy of the additional insured endorsement establishing coverage for CONSULTANT's ongoing and completed operations as primary coverage on a noncontributory basis. The certificate will name PLSLWD as a holder and will state that PLSLWD will receive written notice before cancellation, nonrenewal or a change in the limit of any described policy under the same terms as CONSULTANT.

9. Compliance With Laws

CONSULTANT will comply with all applicable laws and requirements of federal, state, local and other governmental units in connection with performing the Services and will procure all licenses, permits and other rights necessary to perform the Services.

In performing the Services, CONSULTANT will ensure that no person is excluded from full employment rights or participation in or the benefits of any program, service or activity on the ground of race, color, creed, religion, age, sex, disability, marital status, sexual orientation, public assistance status or national origin; and no person who is protected by applicable federal or state laws, rules or regulations against discrimination otherwise will be subjected to discrimination.

10. Data and Information

All data and information obtained or generated by CONSULTANT in performing the Services, including documents in hard and electronic copy, software, and all other forms in which the data and information are contained, documented or memorialized, are the property of PLSLWD. CONSULTANT hereby assigns and transfers to PLSLWD all right, title and interest in: (a) its copyright, if any, in the materials; any registrations and copyright applications relating to the materials; and any copyright renewals and extensions; (b) all works based on, derived from or incorporating the materials; and (c) all income, royalties, damages, claims and payments now or hereafter due or payable with respect thereto, and all causes of action in law or equity for past, present or future infringement based on the copyrights. CONSULTANT agrees to execute all papers and to perform such other proper acts as PLSLWD may deem necessary to secure for PLSLWD or its assignee the rights herein assigned.

PLSLWD may immediately inspect, copy or take possession of any materials on written request to CONSULTANT. On termination of the agreement, CONSULTANT may maintain a copy of some or all of the materials except for any materials designated by PLSLWD as confidential or non-public under applicable law, a copy of which may be maintained by CONSULTANT only pursuant to written agreement with PLSLWD specifying terms.

11. Data Practices; Confidentiality

If CONSULTANT receives a request for data pursuant to the Data Practices Act, Minnesota Statutes chapter 13 (DPA), that may encompass data (as that term is defined in the DPA) CONSULTANT possesses or has created as a result of this agreement, it will inform PLSLWD immediately and transmit a copy of the request. If the request is addressed to PLSLWD, CONSULTANT will not provide any information or documents, but will direct the inquiry to PLSLWD. If the request is addressed to CONSULTANT, CONSULTANT will be responsible to determine whether it is legally required to respond to the request and otherwise what its legal obligations are, but will notify and consult with PLSLWD and its legal counsel before replying. Nothing in the preceding sentence supersedes CONSULTANT's obligations under this agreement with respect to protection of PLSLWD data, property rights in data or confidentiality. Nothing in this section constitutes a determination that CONSULTANT is performing a governmental function within the meaning of Minnesota Statutes section 13.05, subdivision 11, or otherwise expands the applicability of the DPA beyond its scope under governing law.

CONSULTANT agrees that it will not disclose and will hold in confidence any and all proprietary materials owned or possessed by PLSLWD and so denominated by PLSLWD. CONSULTANT will not use any such materials for any purpose other than performance of the Services without PLSLWD written consent. This restriction does not apply to materials already possessed by CONSULTANT or that CONSULTANT received on a non-confidential basis from PLSLWD or another party. Consistent with the terms of this section 11 regarding use and protection of confidential and proprietary information, CONSULTANT retains a nonexclusive license to use the materials and may publish or use the materials in its professional activities. Any CONSULTANT duty of care under this agreement does not extend to any party other than PLSLWD or to any use of the materials by PLSLWD other than for the purpose(s) for which CONSULTANT is compensated under this agreement.

12. PLSLWD Property

All property furnished to or for the use of CONSULTANT or a subcontractor by PLSLWD and not fully used in the performance of the Services, including but not limited to equipment, supplies, materials and data, both hard copy and electronic, will remain the property of PLSLWD and returned to PLSLWD at the conclusion of the performance of the Services, or sooner if requested by PLSLWD. CONSULTANT further agrees that any proprietary materials are the exclusive property of PLSLWD and will assert no right, title or interest in the materials. CONSULTANT will not disseminate, transfer or dispose of any proprietary materials to any other person or entity unless specifically authorized in writing by PLSLWD.

Any property including but not limited to materials supplied to CONSULTANT by PLSLWD or deriving from PLSLWD is supplied to and accepted by CONSULTANT as without representation or warranty including but not limited to a warranty of fitness, merchantability, accuracy or completeness. However, CONSULTANT's duty of professional care under paragraph 4, above, does not extend to materials provided to CONSULTANT by PLSLWD or any portion of the Services that is inaccurate or incomplete as the result of CONSULTANT's reasonable reliance on those materials.

13. Notices

Any written communication required under this agreement to be provided in writing will be directed to the other party as follows:

To PLSLWD:

Joni Giese, District Administrator
Prior Lake - Spring Lake Watershed District
4646 Dakota Street SE
Prior Lake MN 55372

To CONSULTANT:

Tony Havranek, Director of Fisheries
WSB & ASSOCIATES, INC
477 Temperance Street
St Paul, MN 55101

Either of the above individuals may in writing designate another individual to receive communications under this agreement.

14. Choice of Law; Venue

This agreement will be construed under and governed by the laws of the State of Minnesota. Venue for any action will lie in Scott County.

15. Whole Agreement

The entire agreement between the two parties is contained herein and this agreement supersedes all oral agreements and negotiations relating to the subject matter hereof. Any modification of this agreement is valid only when reduced to writing as an amendment to the agreement and signed by the parties hereto. PLSLWD may amend this agreement only by action of the Board of Managers acting as a body.

IN WITNESS WHEREOF, intending to be legally bound, the parties hereto execute and deliver this agreement.

CONSULTANT

By _____
Its _____

Date: _____

PRIOR LAKE -SPRING LAKE WATERSHED DISTRICT

By _____
Its _____

Date: _____

Exhibit A
Scope of Services

Exhibit A**Scope of Services****TASK 1: Project Management**

Complete Administrative tasks (budget), permit acquisition, and meetings with district staff, internal, planning, and board

Project Management Budget:

		Max. Unit Cost	Rate	
Staff Time	Director of Fisheries	157.00	/hr.	
	Sr. Environmental Scientist	105.00	/hr.	
		TOTAL BUDGET:		\$5,446

Project Management Deliverables: Meeting notes, permits, and information and graphics for IPM plan.

Task 2: Carp Removal

Residual carp biomass in both Upper Prior and Spring Lakes will need to be targeted to ensure that carp biomass density thresholds are achieved and kept below the 100 kg/ha threshold that may negatively impact the alum treatments and associated water quality and lake ecology. The Consultant will coordinate both open water and under ice carp removals using a variety of gear types including seine nets, gill nets, electrofishing, specialized traps, and box nets. Some removal events will be completed by commercial fishing crews while others will be coordinated to be completed with a combination of district and WSB staff. Removal schedules will be coordinated with district staff and timing will be dictated by weather and fish aggregations. Carp removal may also be completed on connected waterbodies such as Geis Wetland where data indicates there may be a remnant population of both adult and juvenile carp that have the potential to migrate to Spring Lake and Prior Lakes. This budget does not include expenses for commercial fishing crews as the district will pay commercial fishing crews directly.

Carp Removal Budget:

		Max. Unit Cost	Rate	
Staff Time	Director of Fisheries	157.00	/hr.	
	Sr. Environmental Scientist	105.00	/hr.	

	Environmental Scientist	103.00	/hr.	
	Box Net Rental	\$1,500	/net/season	
		TOTAL BUDGET:	\$33,088	

Carp Removal Deliverables: Report on total pounds removed per attempt, removal observations.

Task 3. Population Assessments

The Consultant will complete assessments of the carp population to determine abundance and gather other essential population characteristic data to track changes in abundance and identify reproduction and recruitment. CPUE assessments will be conducted on Spring and Upper Prior Lake. A total of 10 carp captured from survey or removal efforts will surgically implanted with radio tags. Remainder of 2021 PIT tags will be implanted during population surveys.

Population Assessment Project Budget:

		Max. Unit Cost	Rate
Staff Time	Sr. Environmental Scientist	105.00	/hr.
	TOTAL BUDGET:		\$3,360

Population Assessment Project Deliverables: Updated population estimate spreadsheet. Implant a total of 10 radio tags into carp from Spring or Prior Lakes. Implant the approximately 50 remaining 2021 PIT tags.

Task 4. PIT Set Up and Data Analysis

The Consultant will collaborate with District staff to identify locations of 2022 PIT stations, install District PIT station at these locations, and be available for troubleshooting as budget allows. PLSL District staff will be responsible for downloading data from each of the PIT stations and providing the data to WSB for analysis. PLSL District staff will also regularly monitor PIT stations to assure that the stations have power and are working properly as well as uninstall stations for storage.

PIT Station Set Up and Data Analysis Budget:

		Max. Unit Cost	Rate
Staff Time	Sr. Environmental Scientist	105.00	/hr.
	Director of Fisheries	157.00	/hr.
	TOTAL BUDGET:		\$4,408

PIT Station Set Up and Data Analysis Deliverables: Memo summarizing PIT data.

Task 5. Obstruction Removal

If any obstructions are identified, the consultant will coordinate removal of obstructions over the course of one (1) field day.

Obstruction Removal Budget:

		Max. Unit Cost	Rate	Total Budget
Staff Time	Environmental Scientist	105.00	/hr.	
Subcontract	Diver	\$2,000	/ea.	
	ESTIMATED TOTAL BUDGET:			\$2,840

Obstruction Removal Deliverables: Memo summarizing efforts and findings.

Task 6. Data and Reporting

The Consultant will coordinate with PLSL District staff to prepare an update to the annual PLSL Watershed Carp IPM. In addition, the consultant will maintain existing fishery datasets and update as needed.

Data and Reporting Budget:

		Max. Unit Cost	Rate	Total Budget
Staff Time	Director of Fisheries	157.00	/hr.	
	Sr. Environmental Scientist	105.00	/hr.	
	Environmental Scientist	103.00	/hr.	
	ESTIMATED TOTAL BUDGET:			\$5,020

Data and Reporting Deliverables: IPM review and final 2022 report summarizing activities and data analysis.

Budget:

Tasks	Total Budget
1. Project Management	\$5,446
2. Carp Removal	\$33,088
3. Population Assessments	\$3,360

4. PIT Set Up and Data Analysis	\$4,408
5. Obstruction Removal	\$2,840
6. Data and Reporting	\$5,020
TOTAL BUDGET:	\$54,162

PLSLWD Board Staff Report
January 5, 2022



Subject 	2022 Permit Fee Schedule	
Board Meeting Date 	January 11, 2022	Item No: 5.6
Prepared By 	Joni Giese, District Administrator	
Attachments 	None	
Proposed Action 	Approve 2022 Permit Fee Schedule	

BACKGROUND

When the PLSLWD first began administering permits, the Board of Managers determined that it is in the public interest to require applicants to pay the cost of administering, reviewing, and inspecting permit applications rather than using the District's annual administrative levy for such purposes. The PLSLWD collects two types of permit fees for projects:

Permit Fee Deposits: The Permit Fee Deposit (PFD) is due at the time that the permit application is submitted. The PFD includes a \$10 application fee and an amount held in escrow to be used for the actual costs of permit review, field inspections, monitoring and related expenses. Note: In accordance with Rule K, PFDs are not charged to government agencies.

Permit Securities: A Permit Security is a cash security or an irrevocable renewable letter of credit to ensure completion of the permitted activity in accordance with the permit and the rules of the District. The Permit Security is due following Board approval of the application, prior to permit issuance, and can vary in amount based on project activities. Note: In accordance with Rule L, Permit Securities are required from the contractors of government agencies.

In Resolution 19-330, the Board adopted the most recent permit fee deposit and security schedule. This schedule is as listed below:

PERMIT FEE DEPOSITS:

ACTIVITY	PERMIT FEE DEPOSIT
Stormwater Management (new or reconstructed impervious surface):	\$1,000 per acre
Erosion & Sediment Control (area of disturbance)	\$1,000 per acre

Bridge or Culvert Crossing of a Public Water, Prior Lake Outlet Channel, or other drainage way (only drainage ways with tributary area > 100 acres)	\$2,000 per crossing
Drainage Alterations	\$1,000
Buffer Strips	\$3,000

PERMIT SECURITIES:

ACTIVITY	AMOUNT OF SECURITY
Land Disturbance (area of disturbance) <i>IN ADDITION: Land disturbance within 100 feet of a Public Ditch, Public Water or Prior Lake Outlet Channel (parallel distance in linear feet along waterbody)</i>	\$2,000 per acre + \$10 per linear foot
Stormwater Management (acre-foot of volume/water quality storage required)	\$20,000 per acre-foot
Floodplain Alteration (cubic-foot of mitigation)	\$7.50 per cubic-foot
Bridge or Culvert Crossing of a Public Ditch, Public Water or Prior Lake Outlet Channel	\$5,000 per crossing

According to the District Rules, the permit fee schedule should be reviewed and approved annually. Any changes to the permit fee schedule require an official resolution by the board.

ACTION ITEM

District staff recommend that the current permit fee schedule continue on without changes. Staff is requesting that the Board approve the continuation of the existing permit fee schedule for 2022.



5.7 2022 Regular Board Meeting Schedule

Second Tuesday of each month (unless otherwise noted below*), starting at 6:00 PM in the Prior Lake City Hall Council Chambers.

January 11
February 15*
March 8
April 12
May 10
June 14
July 12
August 9
September 13
October 11
November 8
December 13



5.8 2022 CAC Meeting Schedule

Last Thursday of each month (*unless noted below), 6:30 – 8:00 PM
Wagon Bridge Conference Room, Prior Lake City Hall

January 27

February 24

March 31

April 28

May 26

June 30

July 28

August 25

September 29

October 27

*November – NO MEETING

*December 8



5.9 2022 Citizen Advisory Committee Members

The Prior Lake-Spring Lake Watershed District's (PLSLWD) Citizen Advisory Committee (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 address the current issues of concern of the local citizens.

The CAC meets monthly on the last Thursday of the month at 6:30 pm at the Prior Lake City Hall (4646 Dakota St. SE, Prior Lake, MN 55372). Members serve three-year terms and must reside within the Watershed District and are appointed by the PLSLWD Board of Managers.

CURRENT MEMBERS

Christian Morkeberg

TERM: 07/2019 – 03/2022

Woody Spitzmueller

TERM: 04/2019 – 03/2022

Christopher Crowhurst

TERM: 05/2020 – 03/2023

Matt Newman

TERM: 06/2020 – 03/2023

Jim Weninger

TERM: 01/2020 – 03/2022

Ben Burnett

TERM: 09/2020 – 03/2023

Loren Hanson

TERM: 04/2021 – 03/2024

Matt Tofanelli

TERM: 04/2021 – 03/2024

Maureen Reeder

TERM: 05/2021 – 03/2024

David Hagen

TERM: 7/2021 – 3/2024

*Members serve three-year terms on a staggered basis. Terms end in March and new terms start in April. Term lengths were added in 2021 and new positions are currently being added. Therefore, CAC term limits are slightly altered until full April to March terms can be established starting in April 2022.



5.10 Selecting the 2022 Official Newspaper

The Board of Managers selects the Prior Lake American as its official District newspaper for 2022.



5.11 Selecting the District Depository Banks

The Board of Managers selects Sterling Bank in Savage, MN and Old National Bank in Prior Lake, MN as official District Depository Banks for 2022.



Subject | Ebenhoh Acres Development Agreement & Conservation Easement

Board Meeting Date | January 11, 2022

Item No | 5.12

Prepared By | Shauna Capron, Water Resources Specialist

Attachments | 1) Project Location Map
2) Ebenhoh Acres Development Agreement
3) Ebenhoh Acres Conservation Easement

Action | Motion to approve the Ebenhoh Acres Development Agreement. Motion to approve the Ebenhoh Acres Conservation Easement, on the condition of successful resolution of any identified property encumbrances.

BACKGROUND

At the July 10, 2018, Board Meeting, the Board provided guidance to staff on how to move forward with the potential acquisition of new conservation easements. New procedures were established for all new developments located within an MOA permitting area that triggered the District Rule J for wetland buffer preservation. District Rule J requires a 20' wide minimum buffer around wetlands with a 30' average buffer width that helps maintain the long-term health and function of these basins, most of which are connected to one or more of the District's lakes.

The procedures include acquiring a development agreement in conjunction with the permanent conservation easements. The development agreements provide a way for the District to recover costs associated with the acquisition of the easements including title work, staff time, and engineering review, as well as to ensure that the easement areas are properly established with native plants that filter stormwater.

PROJECT OVERVIEW

District staff is working with the property owner and Scott County to establish a wetland buffer area and to permanently protect with a conservation easement. The location of the project is shown on the attached map.

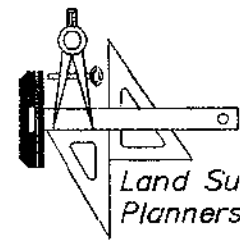
The attached development agreement and conservation easement documents are based on a template developed by the District Attorney. The development agreement and conservation easement are legal documents that will be recorded in the Scott County Land Records Office. The conservation easement will protect the wetland buffers in perpetuity from landowner to landowner.

ACTION REQUESTED

District staff is requesting the Board of Managers approve the Ebenhoh Acres Development Agreement for execution by the District Administrator and recording in the Scott County Land Records Office.

District staff is requesting the Board of Managers approve the Ebenhoh Acres Conservation Easement, on the condition of successful resolution of any identified property encumbrances, for execution by the District Administrator and recording in the Scott County Land Records Office.

PRELIMINARY PLAT PREPARED FOR:

ELECE A. SHOQUIST4071 182nd STREET EAST
PRIOR LAKE, MN 55372Land Surveyors
Planners**Valley Surveying Co., P.A.**Phone (952) 447-2570
Fax (952) 447-2571Suite 230
16670 Franklin Trail S.E.
Prior Lake, Minnesota 55372PRELIMINARY PLAT OF:
EBENHOH ACRES**SITE DATA:**

TOTAL PLAT AREA = 871,041 SQ.FT. (20.00 ACRES)

PLATTED RIGHT OF WAY = 86,328 SQ.FT. (1.98 ACRES)

NET PLAT AREA = 784,872 SQ.FT. (18.02 ACRES)

DELINEATED WETLAND AREA = 415,210 SQ.FT. (9.53 ACRES)

LOT 1 = 255,839 SQ.FT. / 5.87 ACRES (GROSS)

LOT 1 = 176,553 SQ.FT. / 4.05 ACRES (NON-WETLAND)

LOT 2 = 529,033 SQ.FT. / 12.15 ACRES (GROSS)

LOT 2 = 193,109 SQ.FT. / 4.43 ACRES (NON-WETLAND)

EXISTING ZONING = RR-1

PROPOSED ZONING = RR-2

RR-2 SETBACKS:

150.0 FT. FROM THE CENTERLINE OF PANAMA AVENUE

100.0 FT. FROM THE CENTERLINE OF 182nd ST. E.

60.0 FT. REAR-YARD

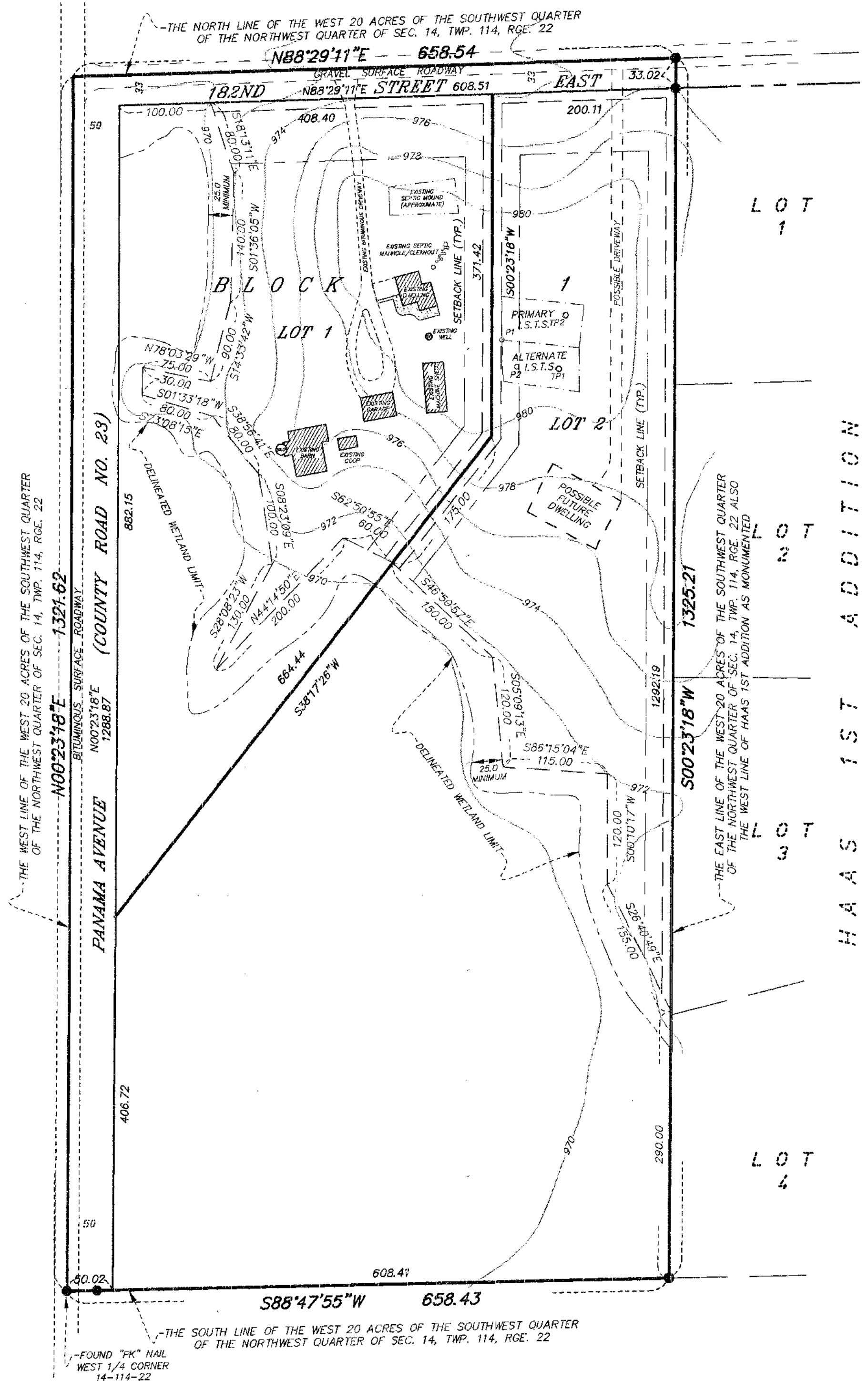
30.0 FT. SIDE-YARD

WETLAND SPECIALIST:TERRY BOVEE, PSS
620 RIDGE ROAD
HENDERSON, MN 56044
(507) 248-9626**I.S.T.S. DESIGNER:**JIM SPIEKER
952-288-4246**LEGAL DESCRIPTION:** (per Document No. 549763)

The West 20 acres of the Southwest Quarter of the Northwest Quarter (SW 1/4 NW 1/4), of Section 14, Township 114, Range 22, Scott County, Minnesota.

SURVEYOR'S NOTES:

1. Topographic information shown hereon interpolated from Scott County G.I.S.
2. ISTS sites and Perculation/Soil Boring positions shown hereon per field location on June 2nd, 2021, of flags set by Jim Spieker.
3. Wetland limits as shown hereon per field locations on November 19th, 2020, of stakes set by Terry Bovee, PSS.



100 0 50 100



SCALE IN FEET

- DENOTES IRON MONUMENT FOUND
- DENOTES IRON MONUMENT SET AND MARKED BY LICENSE NO. 42309

I hereby certify that this Preliminary Plat 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.

Minnesota License Number 42309
Dated this 19th day of October, 2021.

FILE 11066 BOOK 261 PAGE 59

DEVELOPMENT AGREEMENT

This Agreement is made this _____ day of _____, 20____, between Daniel W. Shoquist and Elece A. Shoquist, each the spouse of the other, and Meridee A. Crocker and Duane L. Crocker, each the spouse of the other (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, Scott County requires that the Declarant grant the Watershed District a conservation easement over a buffer strip around the perimeter of wetland 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 of 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, aligning with the iron pipes placed by the surveyor for the Conservation Easement. 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 and review of the Conservation Easement, including but not limited to, District staff time, Owners & Encumbrances report, title policy cost, recording fees, and engineering & attorneys' fees. The Owner shall also reimburse the District for all costs related to the enforcement of this Agreement. 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 the sum of \$4,560 to secure the establishment of Conservation Area vegetation in accordance with Exhibit B, and the required installation of buffer signs. 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 4 and the escrow requirement of this paragraph 10 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 at 4071 182nd St E, Prior Lake, MN, 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 in writing 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 3rd day of January, 2022

OWNER:

By: [Signature]
Elece A. Shoquist

By: [Signature]
Daniel W. Shoquist

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this 3rd day of January, 2022, by Daniel W. Shoquist and Elece A. Shoquist, each the spouse of the other.



[Signature]
Notary Public

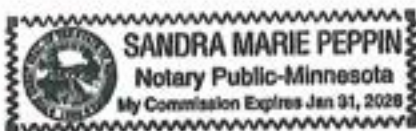
OWNER:

By: [Signature]
Meridee A. Crocker

By: [Signature]
Duane L. Crocker

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this 3rd day of January, 2022, by Meridee A. Crocker and Duane L. Crocker, each the spouse of the other.



[Signature]
Notary Public

ACCEPTANCE

The Prior Lake-Spring Lake Watershed District hereby accepts the foregoing Development Agreement this _____ day of _____, 20__.

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 _____, 20__, by Joni Giese, as the District Administrator of the Prior Lake-Spring Lake Watershed District, a political subdivision under Minnesota law.

Notary Public

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 WEST 20 ACRES OF THE SOUTHWEST QUARTER OF THE
NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 114, RANGE 22, SCOTT
COUNTY, MINNESOTA.

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
 - (iv) above that has been uncultivated or unbroken for at least 5 years.
- (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.
 - (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. Such shrubs may be bare root seedlings and shall be planted at a minimum rate of 60 plants per acre. 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. During the first two full growing seasons, the owner must replant any buffer strip vegetation that does not survive. The owner shall be responsible for reseeding and/or replanting if the buffer strip changes at any time through human intervention or activities. At a minimum the buffer strip must be maintained as a "no mow" area.

DECLARATION OF CONSERVATION EASEMENT

This Declaration is made this _____ day of _____, 20____, by Daniel W. Shoquist and Elece A. Shoquist, each the spouse of the other, and Meridee A. Crocker and Duane L. Crocker, each the spouse of the other, (the "Declarant").

RECITALS

Declarant owns land related to the subdivision of certain land in Scott County, Minnesota, described on the attached Exhibit A (the "Property"). As conditions of the approval of the plat of Ebenhoh Acres Scott County required that the Declarant establish, to the benefit of the Prior Lake-Spring Lake Watershed District ("Watershed District"), a conservation easement over a buffer strip 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 or depicted on the attached Exhibit B ("Easement Area") 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, aligning with the iron pipes placed by the surveyor for the Conservation Easement. 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 Conservation Easement 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 Conservation Easement have been avoided or minimized to the extent possible.

(b) Construction, maintenance, repair, reconstruction or replacement of public roads crossing the Easement Area, so long as any adverse impacts of such roads on the function of the Conservation Easement are avoided or minimized to the extent possible.

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.

5. 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.

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

IN WITNESS WHEREOF, the Owner has voluntarily executed this Conservation Easement on this 3rd day of January, 2022

OWNER:

By: [Signature]
Elece A. Shoquist

By: [Signature]
Daniel W. Shoquist

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this 3rd day of January, 2022 by Daniel W. Shoquist and Elece A. Shoquist, each the spouse of the other.



[Signature]
Notary Public

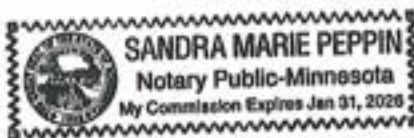
OWNER:

By: [Signature]
Meridee A. Crocker

By: [Signature]
Duane L. Crocker

STATE OF MINNESOTA)
) ss.
COUNTY OF SCOTT)

The foregoing instrument was acknowledged before me this 3rd day of January, 2022 by Meridee A. Crocker and Duane L. Crocker, each the spouse of the other.



[Signature]
Notary Public

ACCEPTANCE

The Watershed District hereby accepts the foregoing Conservation Easements pursuant to Minnesota Statutes, Section 84C.02, on this _____ day of _____, 20__.

PRIOR LAKE - SPRING LAKE
WATERSHED DISTRICT

By: _____
Joni Giese

Its: District Administrator

STATE OF MINNESOTA)
)SS
COUNTY OF SCOTT)

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

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

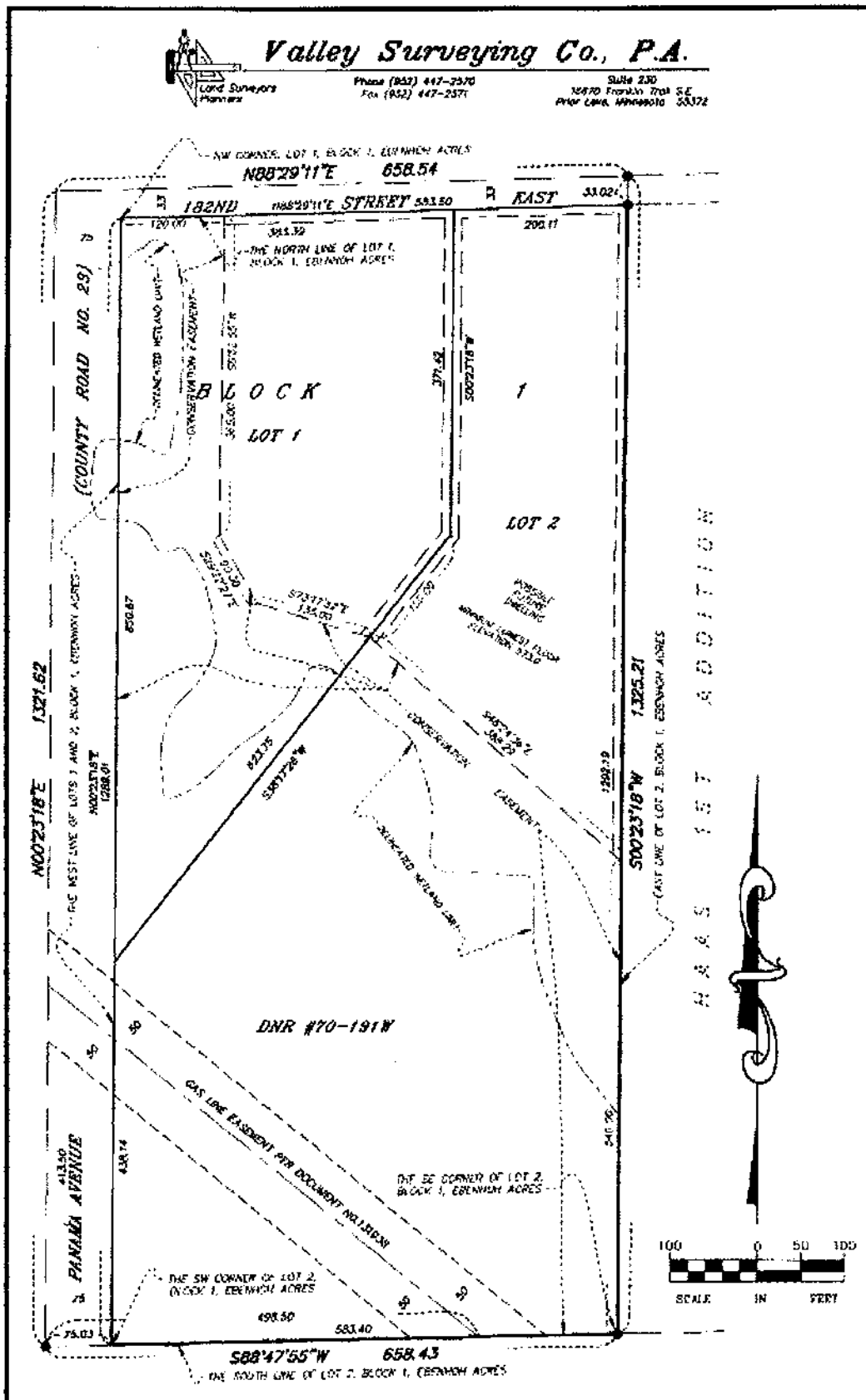
THE WEST 20 ACRES OF THE SOUTHWEST QUARTER OF THE
NORTHWEST QUARTER OF SECTION 14, TOWNSHIP 114, RANGE 22, SCOTT
COUNTY, MINNESOTA.

EXHIBIT B

LEGAL DESCRIPTION OF EASEMENT AREAS

That part of Lots 1 and 2, Block 1, EBENHOH ACRES, Scott County, Minnesota described as follows: Beginning at the northwest corner of said Lot 1; thence North 88 degrees 29 minutes 11 seconds East, record bearing along the north line of said Lot 1, a distance of 120.00 feet; thence South 0 degrees 52 minutes 55 seconds West a distance of 365.00 feet; thence South 29 degrees 22 minutes 27 seconds East a distance of 90.00 feet; thence South 73 degrees 17 minutes 52 seconds East a distance of 135.00 feet; thence South 48 degrees 24 minutes 36 seconds East a distance of 388.29 feet, more or less, to the east line of said Lot 2, Block 1; thence southerly along said east line to the southeast corner of said Lot 2; thence westerly along the south line of said Lot 2 to the southwest corner of said Lot 2; thence northerly along the west line of said Lot 2, and along the west line of said Lot 1, to the point of beginning.

EXHIBIT C



Preliminary - excludes YE payables, adjustments and allocations

Preliminary - excludes YE payables, adjustments and allocations

Reflects bills paid through December 2021

Program Element		2021 Source of Funds			2021 Budget	Actual Results		
		2021 Levy	Budget Reserve	Grant Funds/Fees		Monthly Activity	YTD Actual Results	YTD percents
	General Fund (Administration)							
	Revenues							
	Property Taxes	166,126			166,126	79,595	167,500	101%
	Grants	-			-	-	-	0%
	Interest	-			-	9	37	-100%
	Other	-			-	3,646	4,478	-100%
	Total Revenues	166,126	-	-	166,126	83,250	172,014	104%
	Expenditures							
	Administrative Salaries and Benefits	90,186			90,186	991	116,250	128.90%
	703 · Telephone & Internet	10,000			10,000	1,031	7,206	72.06%
	706 · Office Supplies	8,690			8,690	1,329	12,252	140.99%
	709 · Insurance and Bonds	10,000			10,000	-	12,918	129.18%
	670 · Accounting	30,000			30,000	2,004	34,983	116.61%
	671 · Audit	10,250			10,250	-	7,500	73.17%
	903 · Fees	2,000			2,000	115	13,262	663.08%
	660 · Legal (not for projects)	5,000			5,000	52	9,041	180.81%
	702 · Rent	-			-	2,250	15,750	#DIV/0!
	General Fund (Administratio) Expenditures	166,126			166,126	7,772	229,161	137.94%
	Net Change in General Fund	-	-	-	-	75,478	(57,147)	

January 1, 2021 Through December 31, 2021

Preliminary - excludes YE payables, adjustments and allocations

Preliminary - excludes YE payables, adjustments and allocations

Reflects bills paid through December 2021

Program Element		2021 Source of Funds				Actual Results		
		2021 Levy	Budget Reserve	Grant Funds/Fees	2021 Budget	Monthly Activity	YTD	YTD percents
							Actual Results	
	Implementation Fund							
	Revenues							
	Property Taxes	1,628,506			1,628,506	758,816	1,620,202	99%
	Grants	-		297,000	297,000	136,280	240,050	81%
	Interest	-			-	35	149	#DIV/0!
	Sales/Others	-			-	-	1,000	#DIV/0!
	Total Revenues	1,628,506	-	297,000	1,925,506	895,132	1,861,400	97%
	Expenditures							
	Program Salaries and Benefits (not JPA/MOA)	440,323			440,323	82,421	387,362	87.97%
Water Qual	550 Public Infrastructure Partnership Projects	20,000			20,000	-	-	0.00%
Water Qual	611 Farmer-led Council	51,000			51,000	24,513	41,114	80.62%
Water Qual	611 Cost-Share Incentives	58,000			58,000	14,992	26,649	45.95%
Water Qual	611 Highway 13 Wetland, FeCl system & Desilt, O&M	35,000			35,000	375	15,316	43.76%
Water Qual	611 Fish Management, Rough Fish Removal	60,000			60,000	7,422	40,212	67.02%
Water Qual	611 Spring Lake Demonstration Project Maintenance	1,500			1,500	-	1,046	69.73%
Water Qual	611 Alum Internal Loading Reserve	230,000			230,000	-	-	0.00%
Water Qual	611 County Rd 12/17 Maintenance	1,000			1,000	-	-	0.00%
Water Qual	611 Fish Lake TMDL Implementation		3,000		3,000	-	-	0.00%
Water Qual	611 Pike Lake TMDL Implementation		3,000		3,000	-	-	0.00%
Water Qual	611 Feasibility Reports	-			-	-	-	#DIV/0!
Water Qual	637 District Monitoring Program	128,000			128,000	20,236	49,522	38.69%
Water Qual	GRANT Carp Management/Removal	30,000		60,000	90,000	5,985	89,616	99.57%
Water Qual	626 Planning and Program Development	32,000			32,000	5,302	16,149	50.46%
Water Qual	626 LGU Plan Review		3,000		3,000	-	44	1.45%
Water Qual	626 Engineering not for programs	30,000			30,000	1,099	11,596	38.65%
Water Qual	648 Permitting and Compliance	17,000			17,000	3,340	28,624	168.38%
Water Qual	648 Update MOAs with cities & county	5,000	5,000		10,000	-	-	0.00%
Water Qual	648 BMP and easement inventory & inspections	14,000			14,000	-	9,548	68.20%
Water Qual	626 Upper Watershed Blueprint	235,543			235,543	1,107	38,984	16.55%
Water Qual	626 District Plan Update	2,500			2,500	-	-	0.00%
Water Qual	752 Fish Lake Shoreline Restoration Project Maintenance	1,000			1,000	600	1,500	150.00%
Water Qual	626 Spring Lake West Subwatershed Project	30,000			30,000	-	1,848	6.16%
Water Qual	648 Non-project Reg. Reporting, Rules & Stand. Rev.	5,000			5,000	-	768	15.35%
Water Qual	611 Fish Stocking	6,000			6,000	-	-	0.00%
	WQ TOTAL	992,543	14,000	60,000	1,066,543	84,971	372,534	34.93%
Water Storage	550 District-wide Hydraulic & Hydrologic model	7,500			7,500	-	-	0.00%
	550 S&I Sutton Lake Outlet Structure Project	25,000	182,000	207,000	414,000	2,757	268,476	64.85%
	WS TOTAL	32,500	182,000	207,000	421,500	2,757	268,476	63.70%
AIS	611 Aquatic Vegetation Mgmt	-			-	-	6,506	#DIV/0!
AIS	637 Automated Vegetation Monitoring	4,700			4,700	-	4,206	89.48%
AIS	637 Aquatic Vegetation Surveys	18,000			18,000	-	9,454	52.52%
AIS	637 Boat inspections on Spring, Upper & Lower Prior	38,000			38,000	-	27,602	72.64%
AIS	637 AIS Management Plans	20,000			20,000	-	-	0.00%
	AIS TOTAL	80,700	-	-	80,700	-	47,768	59.19%
Ed & Out	652 Education and Outreach Program	7,440	11,910		19,350	2,150	7,576	39.15%
Ed & Out	652 Prior Lake-Savage Schools partnerships	-			-	-	35	#DIV/0!
	E&O TOTAL	7,440	11,910	-	19,350	2,150	7,610	39.33%
	PLOC expenses	75000			75,000	-	27,624	36.83%
	Total Implementation Fund	1,628,506	207,910	267,000	2,103,416	172,299	1,111,375	52.84%
	Net Change in Fund Balance Implementation Fund				(177,910)	722,833	750,025	

	Grant Funds/Fees Anticipated				
Water Qual	648 Permitting and Compliance			1,000	1,000
Water Qual	648 BMP and easement inventory & inspections			1,000	1,000
AIS	611 Aquatic Vegetation Mgmt. (Scott County)			6,000	6,000
	Total Grant Funds/Fees Anticipated			8,000	8,000

No assurance is provided on this statement.
This statement omits required disclosures.
This statement is prepared on the cash basis of accounting.

PLSLWD monthly Treasurers Report

Treasurer: Bruce Loney

Account balances as of 12/31/2021

Old National Bank (Checking Account) *	\$	1,752,902
Sterling Bank (Checking Account)	\$	175,392
Total Uncleared Transactions	\$	(21,051)
Northland Securities (Investments) (Cash)	\$	380,799
SUBTOTAL	\$	2,288,043

RESTRICTED/COMMITTED/ASSIGNED FUNDS

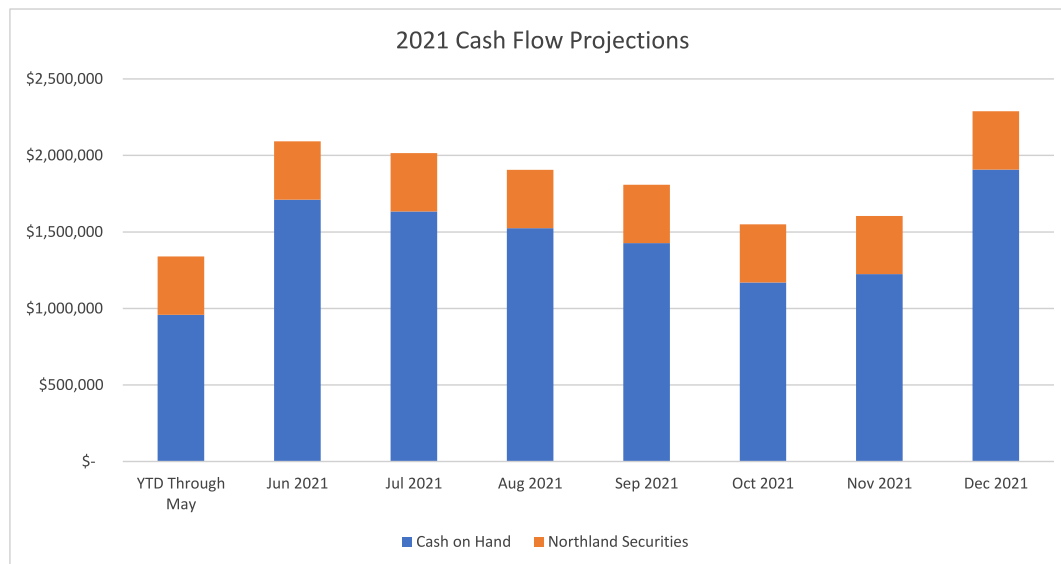
Restricted - Permit Deposits, etc.	\$	86,638
Restricted - PLOC Contingency Reserve (850)*	\$	260,000
Restricted - PLOC O&M Funds (830)*	\$	212,451
Committed - Alum Internal Loading Reserve	\$	230,000
Committed - Upper Watershed Blueprint Fund Balance	\$	190,000
TOTAL DISTRICT/PLOC RESTRICTED OBLIGATIONS	\$	979,089

Available cash at end of November 2021	\$	1,308,954
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56.9% of 2021 Budget

Cash Flow Chart

Month (End of Month)	YTD Through May	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
Cash on Hand	\$ 958,443	\$ 1,711,029	\$ 1,634,074	\$ 1,525,162	\$ 1,426,862	\$ 1,169,195	\$ 1,223,969	\$ 1,907,245
Northland Securities	\$ 380,798	\$ 380,798	\$ 380,798	\$ 380,798	\$ 380,798	\$ 380,798	\$ 380,798	\$ 380,798
Total Cash on Hand & Northland Securities	\$ 1,339,241	\$ 2,091,827	\$ 2,014,872	\$ 1,905,960	\$ 1,807,660	\$ 1,549,993	\$ 1,604,767	\$ 2,288,043



Prior Lake-Spring Lake Watershed District Balance Sheet

	12/31/2021 Balance
Cash/Investments	
Sterling Bank	\$ 154,342
Old National Bank	1,752,902
Northland Securities	380,799
	<u>\$ 2,288,043</u>
Receivables	
PLOC - Contributions	-
Other - State of MN	-
	<u>-</u>
Total Assets	<u><u>\$ 2,288,043</u></u>
Liabilities	
Permit Security	70,306
Permit Deposits	16,331
	<u>86,637</u>
Fund Balance	
Restricted	472,451
Committed	420,000
Unassigned	1,308,955
	<u>2,201,406</u>
Total Liabilities and Fund Balance	<u><u>\$ 2,288,043</u></u>

PLSLWD
Cost Analysis
Year to Date 12-31-2021

Preliminary - excludes YE payables, adjustments, allocations or grant revenue

	Year to Date 12-31-2021	
	Amount	% of total
<u>Program staff costs</u>	387,362	29.5%
<u>Consultants</u>		
EOR	109,911	
WSB & Associates	94,920	
Scott Soil and Water Cons.	75,339	
RMB Environmental Labs	14,952	
Environmental Sentry Protection	13,485	
Three Rivers park District	17,981	
Waterfront Restorations	23,292	
Wenck Associates Inc	8,214	
	358,095	27.3%
<u>Projects - (without staff cost or consultants)</u>		
Dodge of Burnsville (Vehicle Purchase)	28,117	
Veit & Co.	234,075	
Hard costs, exclusive of prog staff & consultant costs	91,852	
Permitting Revenue	-	
	354,044	27.0%
<u>Overhead and Administration</u>		
Staff costs	116,250	
Audit/Accounting/Legal	51,524	
Other admin overhead	45,637	
	213,411	16.3%
<u>Bonds payments</u>	-	0.0%
Expenses excluding PLOC expenses per manager report	1,312,912	100.0%

No assurance is provided on this statement.

This statement omits required disclosures.

This statement is prepared on the cash basis of accounting.