



# PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

## AGENDA

Tuesday, July 14, 2020

**6:00 PM**

Prior Lake City Hall

[www.plslwd.org](http://www.plslwd.org)

### BOARD OF MANAGERS:

**Mike Myser, President; Curt Hennes, Vice President; Charlie Howley, Treasurer;  
Bruce Loney, Secretary**

Note: Indicated times are estimates; actual times may vary considerably. 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

- District's Financial System
- Staff quarterly report; organizational chart & job descriptions
- 2021 budget goals and meeting schedule
- Project report
- Fall tour
- Updates: FEMA and Sutton Lake Project

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6:00 – 6:20 PM	1.0	<b>BOARD MEETING CALL TO ORDER &amp; PLEDGE OF ALLEGIANCE OATH OF OFFICE FOR NEW MANAGER PANY RECOGNITION OF MANAGER HOWLEY ELECTION OF NEW TREASURER</b>
6:20-6:25 PM	2.0	<b>PUBLIC COMMENT</b> 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, turn on the microphone and state your name and address. (The Chair may limit your time for commenting.)
6:25 – 6:30 PM		<b>PUBLIC HEARING—Stormwater Pollution Prevention Plan (SWPPP) Annual Public Hearing</b> <ul style="list-style-type: none"> <li>• Summary of Annual Report (Diane Lynch)</li> </ul>
6:30 – 6:35 PM	3.0	<b>APPROVAL OF AGENDA</b> (Additions/Corrections/Deletions)
6:35-7:15 PM	4.0	<b>OTHER OLD/NEW BUSINESS</b>
	4.1	Programs & Projects Update (Discussion Only) <ul style="list-style-type: none"> <li>○ Water Quality, Water Storage and AIS Inspections</li> </ul>
	4.2	Presentation on AIS Signage (Jodi See, CAC)(Vote)
	4.3	Upper Watershed Blueprint update (Wenck)(Discussion Only)
	4.4	Board Approval of the WRMP (Vote) Copy is available by clicking this link: <a href="https://www.plslwd.org/wp-content/uploads/2020/07/DRAFT-WRMP-Plan_2020-07-08-FINAL.pdf">https://www.plslwd.org/wp-content/uploads/2020/07/DRAFT-WRMP-Plan_2020-07-08-FINAL.pdf</a>
7:00-7:10 PM	5.0	<b>CONSENT AGENDA</b>

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 – June 16 Board Meeting and Workshop; Special Meeting June 26
- 5.2 Meeting Minutes—June 25 CAC Meeting
- 5.3 Claims List

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|----------------|---|
| 7:10-7:25 PM   | <ul style="list-style-type: none"> <li>6.0 <b>TREASURER’S REPORT</b></li> <li>6.1 Cash &amp; Investments (Discussion Only)</li> <li>6.2 Financial Report (Discussion Only)</li> </ul>                       |
| 7:25-7:35 PM   | <ul style="list-style-type: none"> <li>7.0 Manager Presentations on Watershed-related Items (Discussion Only)</li> </ul>  |
| 7:35 – 7:40 PM | <ul style="list-style-type: none"> <li>8.0 <b>UPCOMING MEETING/EVENT SCHEDULE:</b> <ul style="list-style-type: none"> <li>• CAC MEETING, CITY HALL, THURSDAY, JULY 30 6:30-8:00 P.M.</li> </ul> </li> </ul> |



## **BOARD OF MANAGERS OATH OF OFFICE**

I, Steve Pany, do solemnly swear (affirm) that I will support the Constitution of the United States and of the State of Minnesota, and will faithfully discharge the duties of the office of Manager of the Prior Lake Spring Lake Watershed District to the best of my judgment and ability.

Date: July 14, 2020

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Steve Pany

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# PRIOR LAKE – SPRING LAKE

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## W A T E R S H E D   D I S T R I C T

Public Hearing: Annual SWPPP Public Hearing and MS4 Annual Report Summary

Diane Lynch will provide a brief background on the SWPPP and an overview of the MS4 Annual Report. Both the SWPPP public hearing and MS4 Annual Report are required by the MN Pollution Control Agency because the District has an MS4 (a municipal separate storm sewer system) for the Prior Lake Outlet Channel. MS4s in urbanized areas are required to obtain an NPDES/SDS Stormwater permit (which will be renewed later this year) and are required to develop and implement a SWPPP (stormwater pollution prevention program) to reduce the discharge of pollutants from their storm sewer system to the maximum extent practicable.

The link to the SWPPP is located here:

<https://www.plslwd.org/wp-content/uploads/2020/07/Prior-Lake-Spring-Lake-WD-2019-MS4-report.pdf>



## JULY 2020 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<b>Storage &amp; Infiltration Projects</b> <i>Project Lead: Diane</i>	<ul style="list-style-type: none"> <li>Reviewed and revised title commitment</li> <li>Reviewed title commitment with landowner</li> </ul>	<ul style="list-style-type: none"> <li>Complete grant agreement with DNR</li> <li>Purchase easements from property owners</li> </ul>
<b>Carp Management</b> <i>Rough Fish Management (Class 611)</i> <i>Carp Management Project (Class 750 &amp; 751)</i> <i>Project Lead: Maggie</i>	<ul style="list-style-type: none"> <li><b>Tracking:</b> Continued to track radio-tagged and PIT-tagged carp across Spring and Prior Lakes and connecting waterbodies.</li> <li><b>Specialized Trap Nets:</b> Both the push-trap and the Newman trap remained active until mid-June and continued to capture carp. Those carp removed were taken to farmers fields within the District. Both traps have now been removed, as spawning season is over.</li> <li><b>Baited Box Traps:</b> Two box traps have been deployed on Spring Lake, one on the east side and on the west side. Volunteers and staff are checking on the sites and re-filling the bait bags as needed. Once a large enough group of carp regularly visit the site, the trap will be sprung and the carp will be removed. An additional site has been chosen on Upper Prior Lake, and the box trap will be deployed there shortly.</li> <li><b>Carp Volunteer Projects.</b> The carp volunteer projects have been advertised and promoted through social media and through email blasts. The PLSLWD has solicited help with carp tracking, baiting the box traps, training the carp with noise, and keeping an eye on key locations for carp movement throughout the District.</li> </ul>	<ul style="list-style-type: none"> <li>WSB and PLSLWD staff will continue to track the tagged carp.</li> <li>Install permanent barrier and weir updates at FeCl site.</li> <li>Work with WSB to schedule and coordinate upcoming carp removals as opportunities arise for both electrofishing and micro-haul events.</li> <li>Continue to monitor, update, and remove carp from the baited box traps.</li> <li>Coordinate citizen-assisted volunteer projects, including Training the Carp program.</li> <li>Grant reporting due August 1<sup>st</sup>.</li> <li>Update the IPM Plan for the August Board Meeting.</li> </ul>

## JULY 2020 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<b>Public Infrastructure Partnership Projects</b> <i>Project Lead: Maggie &amp; Diane</i>	<ul style="list-style-type: none"> <li>Discussed projects with Board President</li> <li>Board decided to transfer funds to help pay for upcoming alum treatments</li> </ul>	<ul style="list-style-type: none"> <li>None</li> </ul>
<b>Ferric Chloride System Operations</b> <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> <li>Maintained temporary carp barrier at Ferric Chloride weir</li> <li>Monthly Discharge Monitoring Report</li> <li>Samples taken weekly and inspected facility an additional 2x/week</li> <li>Submit final comments to MPCA permit comments</li> <li>Ferric Chloride delivered</li> <li>Weed whipped</li> </ul>	<ul style="list-style-type: none"> <li>Approve new NDPES permit</li> <li>Install new walkway/fish barrier</li> <li>Monthly Discharge Monitoring Report</li> <li>Sample weekly and inspect facility 2x/week</li> </ul>
<b>Farmer-Led Council</b> <i>Project Lead: Maggie</i>	<ul style="list-style-type: none"> <li>Coordinated with Scott SWCD staff on status of FLC initiatives and scheduling a July/August FLC Meeting.</li> </ul>	<ul style="list-style-type: none"> <li>Begin planning for FLC meeting in July/August.</li> <li>Sign up farmers for no-till and cover crops programs by August.</li> <li>Explore farmer mentorship program with FLC.</li> </ul>
<b>Cost Share Incentives</b> <i>Project Lead: Kathryn, Diane</i>	<ul style="list-style-type: none"> <li>Respond to cost-share requests and questions as received.</li> </ul>	<ul style="list-style-type: none"> <li>Respond to cost-share requests and questions as received.</li> </ul>
<b>Spring Lake Parcel Restoration Project</b> <i>Project Lead: Maggie &amp; Kathryn</i>	<ul style="list-style-type: none"> <li>No new activity.</li> </ul>	<ul style="list-style-type: none"> <li>Monitor restoration and control invasive species during growing season</li> <li>Install small plant identification signs</li> </ul>
<b>Raymond Park Restoration Project</b> <i>Project Lead: Kathryn</i>	<ul style="list-style-type: none"> <li>No new activity.</li> </ul>	<ul style="list-style-type: none"> <li>Install educational interpretative signs</li> <li>Host ribbon-cutting event later this year to highlight restoration</li> </ul>
<b>Fish Lake Shoreline &amp; Prairie Restoration Project</b> <i>Project Lead: Kathryn</i>	<ul style="list-style-type: none"> <li>MN Native Landscapes (MNL) visited site and performed vegetation maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>MN Native Landscapes is conducting restoration maintenance/establishment work</li> </ul>
<b>CR 12/17 Wetland Restoration</b> <i>Project Lead: Maggie</i>	<ul style="list-style-type: none"> <li>No new activity</li> </ul>	<ul style="list-style-type: none"> <li>Meet with the County &amp; City on-site for another effort to trouble-shoot outlet structure issues.</li> <li>Officially hand over vegetation maintenance of project to City of Prior Lake.</li> </ul>

## JULY 2020 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<b>Lower Prior Lake Retrofit Projects</b>  <i>Project Lead: Maggie</i>	<ul style="list-style-type: none"> <li>No new activity.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to work with MNL on site maintenance until the projects are fully established and accepted by the City of Prior Lake</li> <li>Install interpretive signs for projects</li> </ul>
<b>District Plan Update</b>  <i>Project Lead: Diane</i>	<ul style="list-style-type: none"> <li>Presented at BWSR's Central Region Committee meeting June 10</li> <li>BWSR approved June 24</li> </ul>	<ul style="list-style-type: none"> <li>Final approval by Board</li> <li>Distribution of copies or files</li> </ul>
<b>Feasibility Reports</b>  <i>Project Lead: Maggie</i>	<ul style="list-style-type: none"> <li>No new activity.</li> </ul>	<ul style="list-style-type: none"> <li>Conduct in-person meeting with farmer and landowner for the Spring Lake West subwatershed project when COVID-19 restrictions are lifted.</li> <li>Coordinate remote meeting with MnDOT and City of Savage to discuss options for Lower Prior Lake subwatershed project.</li> </ul>
<b>Website and Media</b>  <i>Project Lead: Kathryn</i>	<ul style="list-style-type: none"> <li><b>Website articles posted:</b> Carp volunteers needed; native prairie workshop; shoreline workshop available online, alum treatment complete.</li> <li><b>Prior Lake Am:</b> N/A</li> <li><b>SCENE:</b> Submitted articles on WRMP approval and AIS boat inspections for Aug/Sept edition</li> <li><b>Facebook &amp; Twitter-</b> normal posting, carp, carp volunteers, ferric delivery, alum posts received a lot of attention.</li> </ul>	<ul style="list-style-type: none"> <li>Continue writing posts and updates about projects</li> <li>Will tweet and/or update Facebook about projects &amp; news</li> <li>Write article for next SCENE edition</li> </ul>
<b>Citizen Advisory Committee</b>  <i>Project Lead: Diane &amp; Kathryn</i>	<ul style="list-style-type: none"> <li>June meeting held in person at City Hall with social distancing</li> <li>Subcommittees researching topics – Jodi will be presenting research on interactive AIS signage used at some boat launches at July Board meeting. Storage committee is beginning to convene and do research.</li> <li>Coordinate subcommittee work</li> <li>Matt Newman joined the CAC this month.</li> </ul>	<ul style="list-style-type: none"> <li>Subcommittees continue research, present findings to Board.</li> </ul>
<b>MS4 Education Program</b>  <i>Project Lead: Kathryn</i>	<ul style="list-style-type: none"> <li>Planning events and activities for District anniversary. Hike the Watershed highlights District projects and area lakes &amp; encourages people to get out and explore the District. Postponed 50<sup>th</sup> anniversary trivia night.</li> <li>Website updates for volunteer pages</li> </ul>	<ul style="list-style-type: none"> <li>Implement education activities</li> <li>Plan anniversary events and activities</li> </ul>

## JULY 2020 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<b>Monitoring Program</b>  <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> <li>Supervise AIS boat inspections</li> <li>CAMP supplies distributed to volunteers – sampling started in June this month</li> <li>Monitor stream and lake chemistry</li> <li>Took flow measurements</li> <li>Got forecasting tool from National Weather Service specific to PLSLWD</li> </ul>	<ul style="list-style-type: none"> <li>Sample streams biweekly</li> <li>Take flow measurements</li> <li>Data entry</li> </ul>
<b>Aquatic Vegetation Management and Surveys</b> <i>(Class 626 and 637)</i> <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li>Assess CLP treatment areas</li> <li>Summer plant surveys</li> <li>Secure grant from Scott County for CLP</li> </ul>
<b>BMPs &amp; Easements</b>  <i>Project Lead: Maggie &amp; Kathryn</i>	<ul style="list-style-type: none"> <li>Continued to work with landowners to resolve existing violation issues on their properties. Met with several landowners.</li> <li>Easement inspections underway.</li> <li>Responded to landowner questions and met with several landowners.</li> </ul>	<ul style="list-style-type: none"> <li>Review amendment requests as they are received and work with landowners towards closing out approved amendment requests</li> <li>Work with landowners to resolve easement violations</li> <li>Complete baseline documentation for each conservation easement property</li> <li>Send post-inspection letters for completed inspections</li> </ul>
<b>Permitting</b>  <i>Project Lead: Maggie &amp; Jeff</i>	<ul style="list-style-type: none"> <li>Completed inspections on permit sites and followed up with permittees.</li> <li>Met with MnDOT and the contractor on the #18.05 at the Highway 13 project site and discussed steps moving forward.</li> <li>EOR provided review on upcoming development projects, including Spring Lake Lofts.</li> <li>Communicated with County on closing out Permit #19.03.</li> </ul>	<ul style="list-style-type: none"> <li>Continue to inspect, follow-up on and close remaining open permits.</li> </ul>
<b>Rules Revisions</b>  <i>Project Lead: Diane</i>		<ul style="list-style-type: none"> <li>Invite a subgroup from the TAC to review rule revisions</li> <li>Present the revisions at an upcoming Board meeting for final approval</li> </ul>
<b>Outlet Channel O&amp;M</b>  <i>Project Lead: Jaime</i>	<ul style="list-style-type: none"> <li>Weekly channel inspections</li> <li>Cleared obstructions in culverts and structure</li> <li>Management of woody and herbaceous vegetation along the channel</li> <li>Televised outlet pipe</li> </ul>	<ul style="list-style-type: none"> <li>Weekly channel inspections</li> <li>Continue invasive plant management in channel</li> <li>Install cameras at structure</li> </ul>



## JULY 2020 PROGRAMS AND PROJECTS UPDATE

PROGRAM OR PROJECT	LAST MONTH'S STAFF ACTIVITIES	NEXT STEPS
<b>Outlet Channel Bank Erosion (FEMA)</b>  <i>Project Lead: Diane</i>	<ul style="list-style-type: none"> <li>Discussed final closeout with Barr</li> </ul>	<ul style="list-style-type: none"> <li>Secure final invoices</li> <li>File payment requests to FEMA</li> </ul>
<b>Outlet Channel Admin</b>  <i>Project Lead: Diane &amp; Jaime</i>	<ul style="list-style-type: none"> <li>TAC Meeting held on July 7</li> <li>Create draft budget and work plan for 2021</li> </ul>	<ul style="list-style-type: none"> <li>Finalize budget and work plan</li> </ul>
<b>Outlet Channel MS4 Permit</b>  <i>Project Lead: Diane &amp; Jaime</i>	<ul style="list-style-type: none"> <li>Completed Annual Report</li> </ul>	<ul style="list-style-type: none"> <li>Complete revised permit when issued</li> </ul>



<b>Subject</b>	i-LIDS (AIS signage) Presentation by Jodi S.		
<b>Board Meeting Date</b>	July 14, 2020	<b>Item No</b>	4.2
<b>Prepared By</b>	Kathryn Keller-Miller		
<b>Proposed Motion</b>	Approve purchase and installation of i-LIDS signage for 3 public lake accesses for \$30,000 in 2021		

### **Background**

The Board of Managers has asked the Citizen Advisory Committee (CAC) to research topics of interest to the District and present their findings to the Board as part of their advisory role to the District Board.

CAC member Jodi has researched i-LIDS signage for District lakes to complement the District's current AIS boat inspection efforts. She will be presenting her findings at the July 2020 Board meeting.

### **Discussion**

The presentation reviews why the District is working to manage/prevent AIS, ways the District can help educate the public on AIS and explores one potential tool, the i-LIDS signage, to help the District accomplish this.

The i-LIDS (Internet Landing Installed Device Sensor) signage is a tool that some other lakes are using and could be an efficient method to help reduce AIS risk and spread. It is motion-detected which activates a voice recording reminding people to clean their boat, etc. The i-LIDS can also take video of boaters which can be used to identify violators who did not properly clean off their boat at the launch. Depending on the relationship with local law enforcement this could be used to cite violators. This could be a good tool because it is not feasible to have inspectors on duty 24 hours a day. The cost is \$9-10,000 per unit. Annual operation costs (for a 6-month season) are quoted at \$2,280. The units can be solar powered.

The CAC recommendation is to consider adding i-LIDS signage to the public boat launches in the District.

### **Recommendation**

The CAC recommends that the Board consider making a motion to approve: Installation & funding of i-LIDS signage at the public boat launches in the District. Possible option: start with i-LIDS device at one or two launches to see how it works for us and then add to other launches if it goes well.

# Environmental Sentry Protection, LLC

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## Preventative Monitoring of Boat Launches

It's clear that prevention of infestation to begin with retains property values, lake quality, and usability.

Prevention requires monitoring of boat launches to lakes. Effective training and procedures for volunteers and paid workers exist. Many lakes have commitments to monitor the launches several weekends out of the summer. While in person monitoring is ideal, challenges such as costs, availability, scheduling, training, still exist. To reduce the risk of a visitor launching at an odd hour, it's important to be on duty all the time. There haven't been good solutions for this challenge, *until now...*

**Environmental Sentry Protection, LLC** has developed an un-manned system to monitor boat landing activities, capture video events, and make this information available for review by lake constituents and officials. It is a tamper-proof, onsite solution to capture boater activities to ensure compliance with the Aquatic Invasive Species clean-off laws so lakes can be protected from the extensive impact of new exotic species.

Features include:

- ▶ Continuous (7x24) video capture of launches
- ▶ Vehicle identification
- ▶ Analysis of visitor clean off compliance
- ▶ Web access to historical videos
- ▶ Configurable video duration
- ▶ Standalone deployment (no power or communications lines)
- ▶ Ruggedized housing to withstand abuse
- ▶ Seasonal installation at boat launches
- ▶ Remote management and diagnostics

## System Specifications

- Sensor is triggered only by presence of vehicle or trailer
- Duration of video configurable from 20 seconds to 5 minutes
- Maintenance window with clock for daily verification of operation
- Hardened stainless steel housing with impact proof dome and lens
- Tamper proof bolts
- Concrete mounting plate for making adjustments to viewing angle



- Rechargeable batteries run up to 16 hours without recharge
- Photovoltaic Array (Solar Panel) power generation
- Solar controller prevents overcharging or over utilization
- Image storing and archiving to save history

[How does the system work?](#)

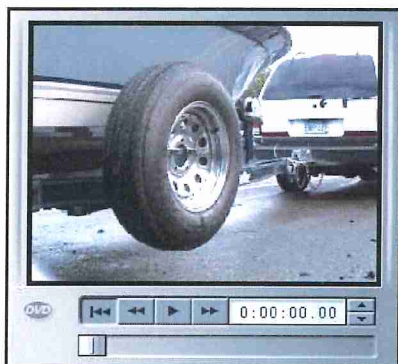
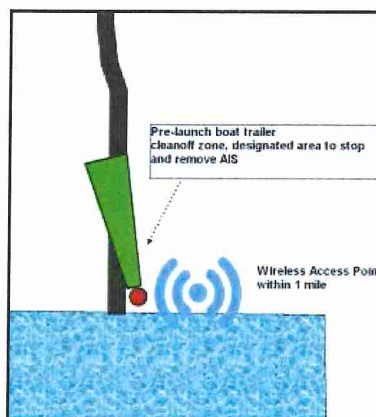
### How the Internet Landing Installed Device Sensor (I-LIDS) works...



As a boater enters a launch they see signage indicating that the area is monitored and instructing them to how they should inspect and clean off their boat and trailer before they launch their boat.

At the same time the I-LIDS system utilizes advanced sensors that tell it when a boater has entered the launch area and turns on video monitoring of the bottom of the boat to identify whether there are aquatics present on the trailer or boat. It also captures clean off activity by the user.

The video capture is performed through a wireless Internet Video Camera which transmits images to a local access point that can either have a DSL/Cable connection or simple store the images on a local system for later retrieval. Another option is to locally cache the video images at the system.



Authorized users are allowed to login to the website to gather statistical information on the landing activities or to playback video of the launch to ensure that no invasives were present on the vehicles using the launch zone. Future enhancements will enable automated identification of the presence of aquatics and alert constituents.

Field testing has shown a clear behavioral difference in the compliance of boaters when this system is present at the launch. The same way the presence of a highway patrolman on the freeway ensures traffic comply with the laws.

## 2020 I-LIDS Costs

Description	Unit Cost	Units	2019	2020	2021
<b>Initial Costs</b>					
I-LIDS (housing, electronics, mast, sign, solar panel/controller, audio, batteries, modem)	\$8,900	1	\$8,900		
Per site plan design and permit application	\$400	1	\$400		
Installation of base I-LIDS using auger w/o concrete	\$400	1	\$400		
<b>Per Unit</b>			\$9,700		
<b>Extended Subtotal</b>		1	\$9,700		
<b>Annual Costs (6 month season)</b>					
Monthly I-LIDS Operation (Video storage, Website access, remote maintenance, network monitoring, 200 video/ month review, monthly reports)	\$325	6	\$1,950	\$1,950	\$1,950
Monthly Networking Cost for Verizon 4G (limited to 5GB per month/ 6 month season)	\$55	6	\$330	\$330	\$330
<b>Per Unit</b>		1	\$2,280	\$2,280	\$2,280
<b>Extended Subtotal</b>		1	\$2,280	\$2,280	\$2,280
<b>Options</b>					
Added Video Review/ Reporting (per 3,000 videos)	\$400	1	\$400	\$400	\$400
Magnetic sensor	\$425	1	\$425		
<b>Per Unit</b>			\$825	\$400	\$400
<b>Total</b>			\$12,805	\$2,680	\$2,680

**Conditions:**

- Pricing is valid until December 30, 2020. 50% of the initial cost is due at contract signing with the balance due at installation. 1/2 of annual fees are due 7/1 and 1/2 on 10/31.
- Installation costs may vary up or down based on the amount of time to install footing. Cost and sourcing help for concrete footing is responsibility of customer (augering, mixing concrete, pouring). Separate post location for the solar panel is an added expense.
- Lead-time from receipt of final agreement is 8-10 weeks for manufacture and test. Orders must be received by February 27 to be built and installed in 2020.
- All sites must have approved permits from LGU or DNR prior to installation
- Mileage (@ standard IRS rates), travel time (@ 25% of billable rate), and lodging are billable for sites over 1 hour away from Maple Grove, MN

**Agreed to:**

\_\_\_\_\_  
Lake Organization

\_\_\_\_\_  
Date

\_\_\_\_\_  
Environmental Sentry Protection, LLC

\_\_\_\_\_  
Date



# Technical Memo

**To:** Maggie Karschnia, PLSLWD  
Diane Lynch, PLSLWD  
PLSLWD Board of Managers

**From:** Brian Kallio, PE, Wenck Associates, Inc.  
Todd Hubmer, PE, Wenck Associates

**Date:** July 8, 2020

**Subject:** Upper Watershed Blueprint Board Update

Wenck is pleased to provide this update on the Upper Watershed Blueprint (UWB) for the Prior Lake-Spring Lake Watershed District (PLSLWD). The UWB will be a holistic view of the Upper Watershed in terms of water quantity (flood) management and water quality improvements. The following provides an update on the six tasks for the UWB project:

## 1. Data Review

Wenck has begun reviewing the data provided by the PLSLWD. Data includes flow data since 2014, lake chemistry for Spring, Fish and Buck Lake since 2012, and stream chemistry data since 2011. The district-wide monitoring locations are shown in the figures in Attachment 1.

Several subwatershed studies that are under review have been provided on the project google drive. These include 4 subwatershed assessments, a Buck lake Feasibility Study, 2016 flood study, and multiple reports regarding the Ferric Chloride Water Treatment Facility.

The District provided access to the GIS maps and layers for the watershed. These GIS maps will provide the base for the GIS map books produced for the study. These map books will be accessible in standard GIS format without the need for additional programs or add-ons.

Wenck obtained and has reviewed the PCSWMM hydrologic and hydraulic (water cycle) model for the PLSLWD, originally developed in 2015. The original model was developed and calibrated to match observed conditions in the watershed from April to July 2014, a period that include 30+ inches of soaking rains.

In general, the level of detail included in the model is sufficient for the Upper Watershed Blueprint analysis. Wenck has updated the model from a design storm basis to an annualized basis by obtaining temperature, wind speed, and precipitation data from the Flying Cloud airport for the period from January 1, 2010 to January 1, 2020. The Flying Cloud airport is the closest location with a continuous record for this information. Over the last few weeks, Wenck has updated the PCSWMM model to better manage intense thunderstorms by routing excess runoff from surcharging culverts and pipes over roadways or through overland flow channels-- these intense thunderstorms were not part of the spring 2014 calibration period. Wenck is currently working to update the PCSWMM model to

account for winter and spring melt conditions (also not part of the original calibration), including slowing/stopping infiltration due to winter freezing temperatures and to handle spring snowmelt by calibrating parameters such as plowed fraction of the watershed, albedo, and minimum and maximum snowmelt coefficients (parameters reflecting the melting potential due to the sun angle on the winter and summer solstices).

## **2. Partner Engagement**

Wenck has reached out to the local partners for the UWB. These include representatives from Sand Creek and Spring Lake Townships, the City of Prior Lake, Scott County, and MNDOT. The Citizens Advisory Committee and Farmer-Led Council have also been invited to participate in the partner engagement discussion. The first partner engagement meeting is scheduled for the week of July 13<sup>th</sup>. Effective partnerships are a key piece in identifying and planning projects in the watershed.

## **3. Project Targeting**

*The project targeting task has not been started.*

## **4. Program/Project Identification and Prioritization**

*The program/project identification and prioritization task has not been started.*

## **5. Report Development**

*The report development task has not been started.*

## **6. Value Add/Innovation**

*The value add/innovation task has not been started.*

## **SCHEDULE:**

The following are target milestone dates as the project progresses:

- Week of July 13<sup>th</sup>: Partner Engagement Meeting #1
- July 14<sup>th</sup>: Update provided at the Board Meeting
- Week of August 3<sup>rd</sup>: Staff/Wenck coordination meeting
- Week of August 3<sup>rd</sup>: Funding Partner Engagement Meeting
- August 11<sup>th</sup>: Update provided at the Board Meeting
- Week of September 1<sup>st</sup>: Partner Engagement Meeting #2
- September 8<sup>th</sup>: 30%-60% draft report presented at the Board Meeting
- October 13<sup>th</sup>: 90% draft report presented at the Board Meeting



# **Attachment 1**

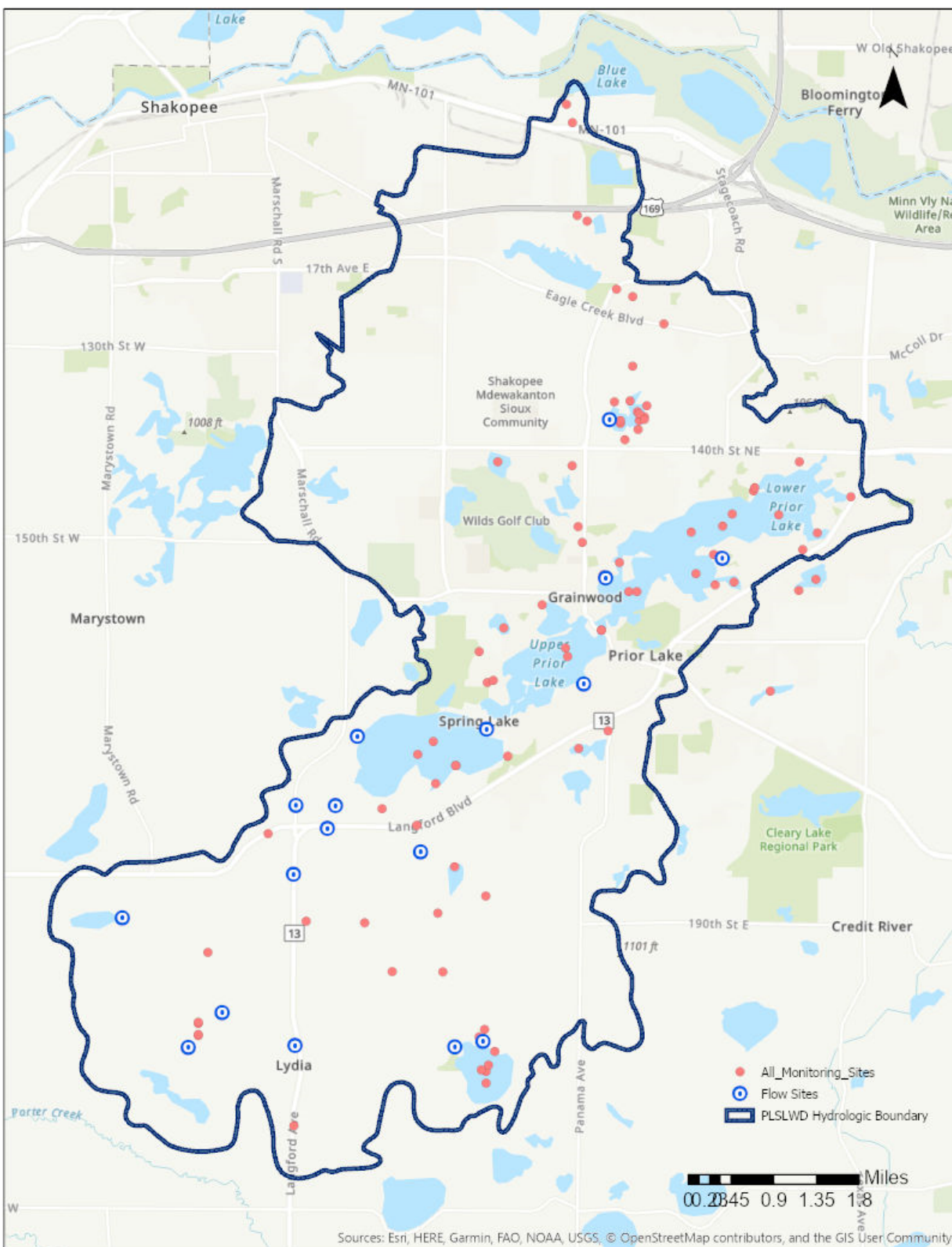
## **Monitoring Locations**

Flow Monitoring

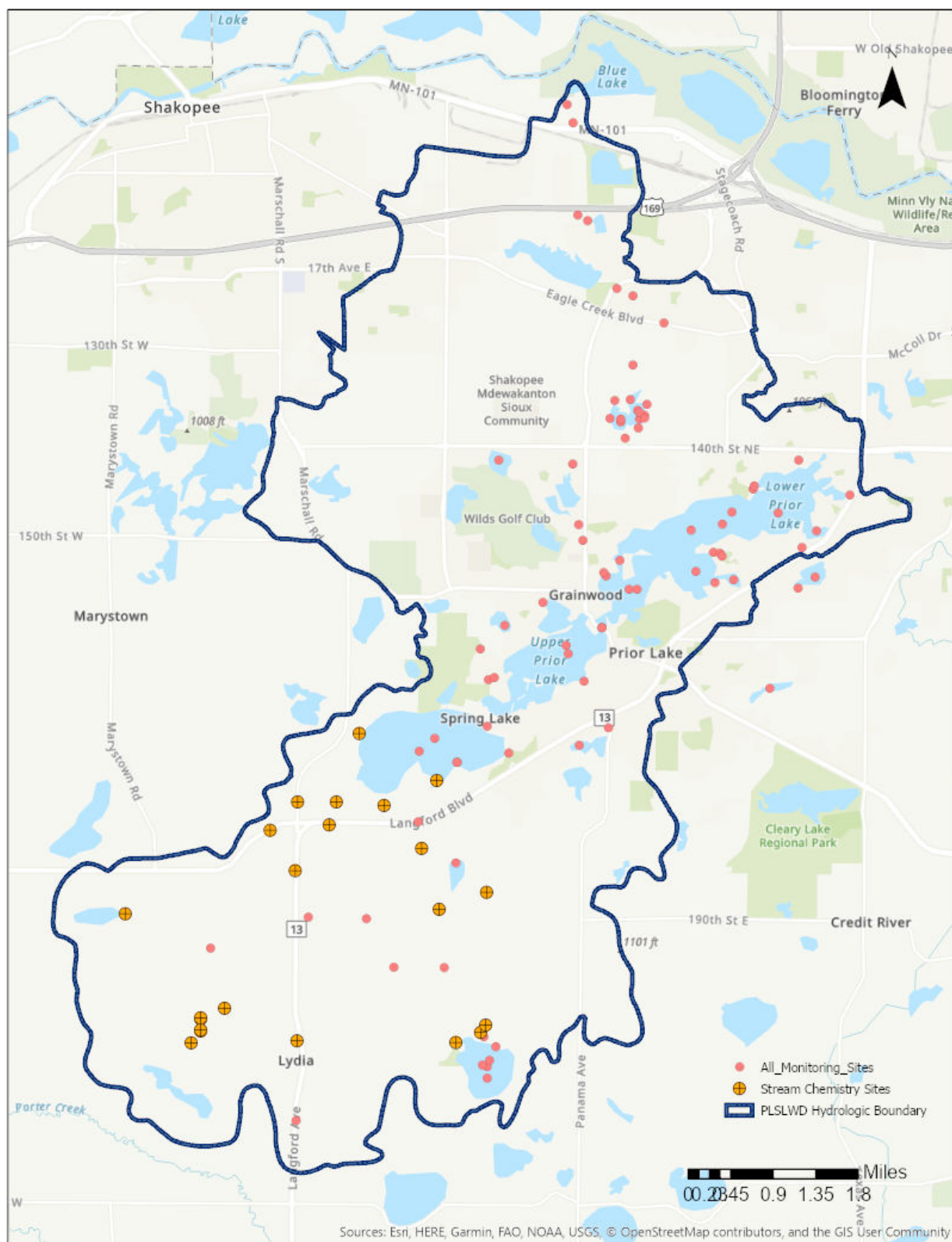
Stream Chemistry

Lake Chemistry

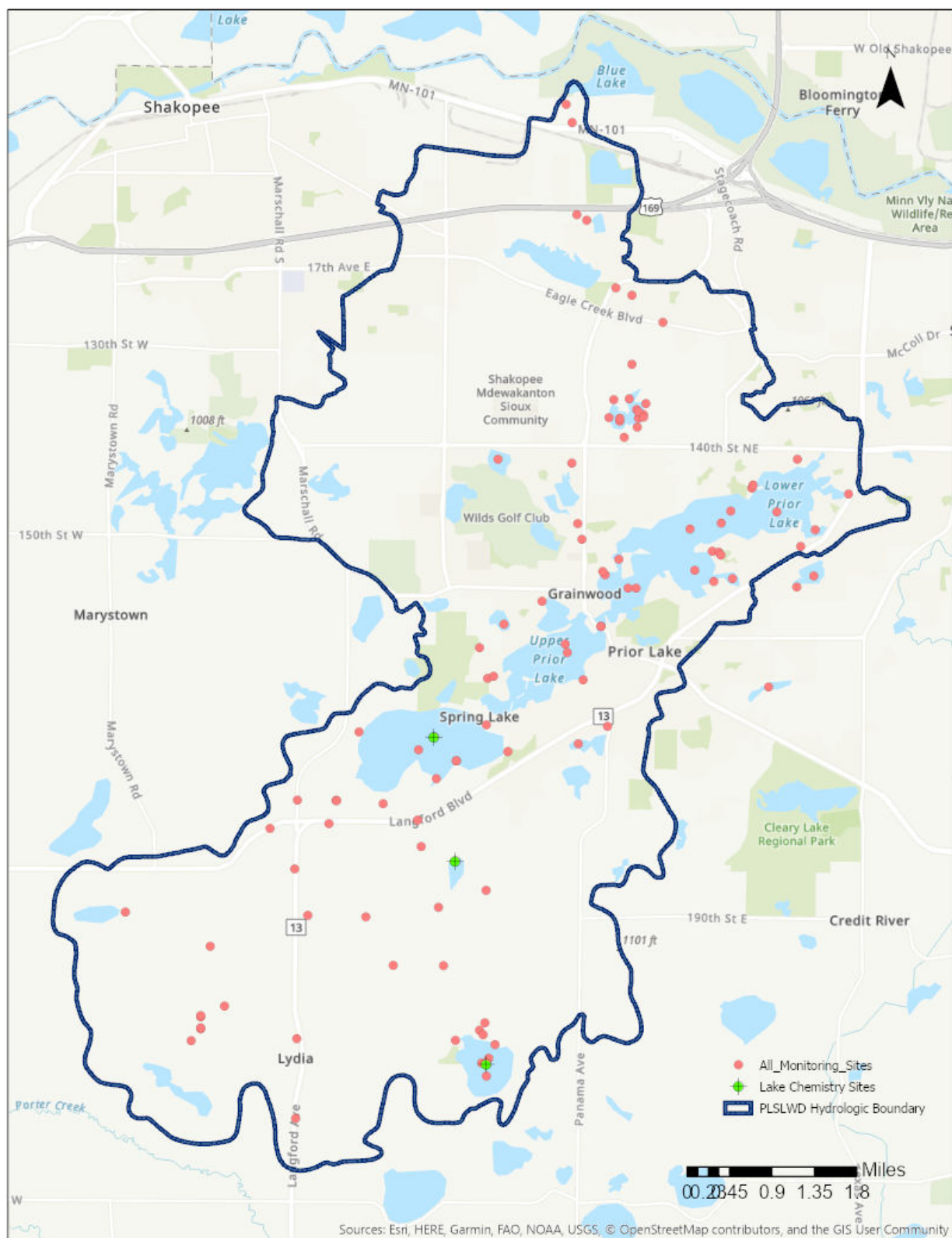
## FLOW MONITORING LOCATIONS



# STREAM CHEMISTRY MONITORING LOCATIONS



## LAKE CHEMISTRY MONITORING LOCATIONS





# PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

## Resolution 20-342

### Approving the 2020-2030 Water Resources Management Plan Amendment

WHEREAS, the Prior Lake-Spring Lake Watershed District (PLSLWD) is a watershed management organization and political subdivision of the State of Minnesota established under and operating with powers and purposes set forth at Minnesota Statutes Chapters 103B and 103D; and

WHEREAS, Minnesota Rules Chapter 8410, Metropolitan Local Water Management, Subp. 19a. Ten Year Plan Amendment section requires that comprehensive amendments of a watershed management plan are done not less than five years and not more than ten years from the approval of the current plan by the Board of Water and Soil Resources (BWSR); and

WHEREAS, the District's 2010-2019 plan extension was approved by BWSR and expires at the end of 2020; and

WHEREAS, the District has been updating its plan since 2017 and formally began the process with its letter of intention to initiate an update sent to local, metropolitan and state agencies on February 2, 2018; and

WHEREAS, numerous meetings have been held with the District's Technical Advisory Committee (TAC), Citizen Advisory Committee (CAC), Farmer-led Council (FLC), the public, Board of Managers and staff as part of that update; and

WHEREAS, notices were sent to and input was received from municipal, regional and state agencies; and

WHEREAS, staff provided written responses to those comments; and

WHEREAS, the District has complied with all of the requirements indicated in Mn Statutes Chapters 103B, 103D and Minnesota Rules Chapter 8410; and

WHEREAS, the revised updated plan received its final approval from BWSR in June, 2020; and





# PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

WHEREAS, Mn Statutes Chapter 103B.231 Subd. 10 states that an organization shall adopt and implement its plan within 120 days after compliance with incorporating state and regional agencies' comments and after approval by the Board of Water and Soil Resources;

THEREFORE, BE IT RESOLVED that the PLSLWD Board of Managers approves the 2020-2030 Water Resources Management Plan Amendment.

The Resolution was adopted/rejected by the following vote:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>
MYSER			
HENNES			
LONEY			
HOWLEY			
PANY			

Upon vote, the chair declared the resolution adopted.

2020

Bruce Loney, Secretary

Dated: \_\_\_\_\_,



<b>Subject  </b>	Board Approval of the WRMP		
<b>Board Meeting Date  </b>	July 14, 2020	<b>Item No</b>	4.4
<b>Prepared By  </b>	Diane Lynch		
<b>Proposed Motion  </b>	Approve the District's 2020-2030 Water Resources Management Plan		

### **Background**

As required by state statute and rules, the District completed its ten-year plan amendment/plan revision of the 2010-2019 Water Resources Management Plan. The District completed the required process of public participation, state and local agency involvement and public hearings. The final public meeting requirement is for the District Board to approve the latest revision.

### **Discussion**

The District initiated the planning process for the 2020-2029 Plan in 2018. As required by Minnesota Rules Chapter 8410, a specific process was followed to identify and assess priority issues. Stakeholders were identified, notices were sent to municipal, regional, and state agencies to solicit input for the upcoming Plan. From May 2018, a series of meetings were convened of the PLSLWD Board of Managers, Citizens Advisory Committee, Farmer-Led Council, Public, and Technical Advisory Committee. The PLSLWD utilized surveys, initial input and these meetings to further refine their issues, guiding principles, goals and strategies.

Given the timing of the revised Plan, staff agreed with the Board of Soil and Water Resources (BWSR) that the Plan would extend through June 2030, instead of December 2029. BWSR's Central Region Committee and full Board approved the Plan in June.

### **Recommendation**

The Board of Managers approves the resolution of the District's draft 2020-2030 Water Resources Management Plan and distribute copies, as required in State Statutes and Rules.



## **WORKSHOP MEETING MINUTES**

*Tuesday, June 9, 2020*

*Prior Lake City Hall, Parkview Room*

Members Present: Curt Hennes, Charlie Howley, Bruce Loney & Mike Myser

Staff Present: Maggie Karschnia, Project Manager

Others Present: Carl Almer, EOR; Jim Fitzsimmons, Scott SWCD; Annette Thompson, Prior Lake; Dave Beer, Scott County

*The meeting was called to order by President Mike Myser at 4:00 p.m.*

### **District's Financial System**

Mike Myser summarized the financial system concerns. As Diane was not able to make it to the meeting due to a last-minute family emergency, this topic will be tabled until the next board workshop in July.

The credit card policy was also discussed, as this was a recurring issue on the PLSLWD audits where receipts were missing on small purchases. Diane has set a protocol in place that will limit the necessary use of the PLSLWD credit card by staff and will ensure all expenditures are approved and accounted for. This includes staff using their personal credit cards for small purchases, only getting reimbursed after a receipt is supplied. Diane will make any necessary changes to the Governance Manual to document this (if any) and will bring it to the next Board Meeting for approval.

### **FeCl Key**

The current placement of a hidden key at the FeCl site for use by City and FeCl suppliers was discussed in respect to safety/vandalism/theft concerns. In order to allow access for permitted entities but still address the safety/vandalism/theft concerns, a lock box with a key pad will be installed at the site.

### **Upper Watershed Blueprint Update**

Mike provided an overview of the original purpose and intent for the Upper Watershed Blueprint Project: The PLSLWD wanted to hire a consultant to help identify opportunities in the upper watershed that would provide both water quantity quality benefits, as they are inextricably linked. As the PLSLWD has installed the Prior Lake Outlet, completed alum treatments, constructed the FeCl system, and began a comprehensive carp management program, amongst other projects, the next logical frontier to tackle is the upper watershed. The intent of the project was to hire a consultant with creative ideas that would identify new innovative projects and/or programmatic changes in existing projects that would lead PLSLWD to a path of success in the upper



watershed, as well as potential funding sources that have not yet been tapped into (e.g. special taxing districts).

Wenck and District staff had a meeting to begin compiling data/reports/files that will be used for the analyzation efforts and building the GIS project selection tool. There will be an additional meeting shortly to discuss initial conclusions and to fill any gaps in information. The project is still on schedule, despite a short delay in getting the contract executed after Board approval.

In its original proposal, Wenck was planning to provide the Board with a list of potential projects at its August meeting in order to help guide its 2021 levy budget. Rather than accelerate the process to meet this deadline, the Board expressed that they would like Wenck to focus instead on producing a quality project that explored all ideas to the best of their ability vs. provide the Board with hastened project suggestions at its August meeting. *"A good plan first."*

Wenck will be providing updates to the Board at its July and August meetings to ensure that the Board is both informed and engaged in the process.

#### **Jon Boat Cover**

Curt had brought a concern to the attention of staff that the Jon boat should be covered when not in use to keep the boat in good condition as to not deteriorate its resale value. This concern has since been addressed by staff who will keep the boat covered during periods of non-use.

#### **FEMA Payment Update**

Diane has reached out to FEMA/HSEM to follow-up on status of payment. FEMA has been delayed with other projects and limited staffing. Diane will continue to keep the Board updated as she receives updates on the reimbursement request.

#### **Covid-19 Return to Work Discussion**

The Board discussed the Covid-19 policy and how this affects the ability of staff to complete their work. The time and effort put into the creation of the policy was appreciated. It was discussed whether or not it should differ from the City of Prior Lake policy and that if policies should be different based on population density (e.g. a policy in downtown Minneapolis would differ from one in rural Minnesota where there is less risk). Jim Fitzsimmons noted that the Scott SWCD has shown some increases in productivity as staff began working from home, getting more information and paperwork completed. It was noted that the policy is not in-effect until officially voted by the Board.

The PLSLWD is staggering staff, following guidance by the CDC and will eventually get to the point where all staff are back in the office when everything opens back up. If staff is able to get their work done remotely and there is no loss in productivity, the staggered schedule and Covid-19 policy is supported as written to avoid potential exposure to at-risk staff and/or close family members of staff that are at-risk.

#### **Sutton Lake Project Update**

Carl Almer, EOR, provided an update on the Sutton Lake Project. Design and permitting for the project is complete. There are a few small title issues being resolved prior to the completion of the permanent easements for the project, but these are not anticipated to delay the construction timeline. There will be

small payments made to the two landowners (Sandey & Larson) for the purchase of the easement rights. The overall project also includes a correction to the outlet of the existing project on Chad Sandey's property.

The PLSLWD has been going through the paperwork exercise with the DNR for the flood mitigation hazard funds. Any additional work is holding off until funding is secured, as any money spent currently would not be grant eligible. Pat Lynch from the DNR is hoping to get the final paperwork to the PLSLWD by July 1<sup>st</sup> so that the project can move forward. This funding would provide a maximum of 50% of total eligible project costs up to \$200k.

Once the grant contract is signed and the easements are secured, the project will immediately be put out to bid. The goal is to have a project contract ready for approval by the Board at its August meeting, but it might be presented at the September meeting at the latest based on timing due to state bidding requirements.

Once construction starts, the project will be complete in a month or two. If construction starts yet this fall, there is potential that payments would be made still in 2020. While this create a cash-flow problem for the District, Carl recommended that the Board not place an additional limit on when construction could start to prevent a 2020 payment, as this will receive less competitive bid process for the project.

*The meeting adjourned at 5:02 p.m.*



# PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

## REGULAR MEETING MINUTES

*Tuesday, June 9, 2020*

*Prior Lake City Hall*

*6:00 PM*

Members Present: Mike Myser, Curt Hennes, Charlie Howley & Bruce Loney

Staff & Consultants Present: Maggie Karschnia, Water Resources Project Manager  
Jaime Rockney, Water Resource Specialist  
Kathryn Keller-Miller, Water Resources Assistant  
Carl Almer, EOR, District Engineer

Others Present: Christian Morkeberg, Citizens Advisory Committee  
John Holz, HAB Aquatics  
Tony Havranek, WSB

- **CALL TO ORDER/PLEDGE OF ALLEGIANCE:** Meeting called to order by President Myser at 5:50 PM.
- **2.0 PUBLIC COMMENT:** None
- **3.0 APPROVAL OF AGENDA**  
Manager Howley moved to approve the agenda. Second by Manager Hennes. All ayes. Motion passed 4-0.

### OTHER OLD/NEW BUSINESS

- **4.1 INTRODUCTION OF INTERNS**  
The District has 2 interns joining staff this summer. Katelyn Barclay & Shauna Capron both shared their backgrounds, education, and goals for the summer working with the District. Welcome!
- **4.2 PROGRAMS & PROJECT UPDATES**  
Staff gave updates on current and ongoing District projects and activities, focusing on Water Quality, Upper Subwatershed Storage and AIS. John Holz, HAB, gave an update on the Alum Treatments.

- **4.3 PRESENTATION ON FISH STOCKING**

Christian Morkeberg, CAC Chair, presented on stocking fish in Spring Lake and Prior Lake. Manager Loney moved to approve the recommendation of stocking Bluegills, Black Crappies and Large Mouth Bass in both Spring Lake and Prior Lake, in an amount not to exceed \$10,800, minus donations. Second by Manager Hennes. All ayes. Motion passed 4-0.

- **4.4 NEW CAC MEMBER APPLICATION**

Manager Loney moved to approve Matt Newman to become a member of the Citizen Advisory Committee. Second by Manager Hennes. All ayes. Motion passed 4-0.

- **4.5 CARP COST-EFFECTIVENESS REVIEW**

Tony Havranek, WSB and Maggie Karschnia presented on the cost effectiveness of the carp removal project to date. Discussion only. No vote taken.

- **4.6 COVID-19 OFFICE SAFETY PLAN**

Manager Hennes moved to approve the District's Covid-19 Safety Plan. Second by Manager Howley. All ayes. Motion passed 4-0.

- **5.0 APPROVAL OF CONSENT AGENDA**

Manager Hennes moved to approve the Consent Agenda items 5.1 and 5.2. Removing item 5.3 for further discussion. Second by Manager Howley. All ayes. Motion passed 4-0.

Manager Loney moved to approve the Consent Agenda item 5.3, with the removal of HAB Aquatic Solutions invoices for \$262,319 and \$392,375. Second by Manager Hennes. All ayes. Motion passed 4-0.

- **6.0 TREASURER REPORT/FINANCIAL REPORT**

Manager Howley summarized the Treasurer's Report reminding that the District is exclusively on cash flow and reserve funds. It was mentioned that we are cash short until we get the 1<sup>st</sup> half levy payment from the county, which is anticipated by June 19, 2020.

- **7.0 MANAGER PRESENTATIONS ON WATERSHED RELATED ITEMS**

- Manager Loney mentioned that at the Scott County Water Planning Commission meeting, staff was looking at a joint contract for AIS Inspections with the District for 2021. Also mentioned that an outlet for Lake McMahon was discussed due to high water and no outlet for the lake.

- **8.0 UPCOMING MEETINGS/EVENTS**

- CAC Meeting, June 25, 6:30 – 8:00 PM

## **ADJOURNMENT**

Manager Hennes moved to adjourn meeting. Second by Manager Loney. All ayes. Motion passed 4-0. Meeting adjourned at 7:55 PM.

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Bruce Loney, District Secretary



# PRIOR LAKE SPRING LAKE WATERSHED DISTRICT

## **SPECIAL MEETING MINUTES**

*Friday, June 26, 2020*

*GoToMeeting*

*8:00 a.m.*

Members Present: Mike Myser, Curt Hennes & Bruce Loney

Staff & Consultants Present: Diane Lynch, District Administrator

Others Present: None

- **CALL TO ORDER:** Meeting called to order by President Myser at 8:02 a.m.

- **APPROVE PAYMENT TO HAB FOR SECOND ALUM TREATMENT**

Manager Hennes moved and Manager Loney seconded a motion to pay HAB \$392,375, the balance due for the Upper Prior Lake alum treatment. There was some discussion for clarification purposes. President Myser asked for a roll call vote:

Manager Loney Y  
Manager Hennes Y  
Manager Myser Y

The motion was approved 3-0.

### **ADJOURNMENT**

Manager Loney moved to adjourn meeting and Manager Hennes seconded the motion. President Myser asked for a roll call vote:

Manager Loney Y  
Manager Hennes Y  
Manager Myser Y

The motion was approved 3-0.  
The meeting adjourned at 8:15 a.m.

---

Bruce Loney, District Secretary



## CAC Meeting Notes

Thursday, June 25, 2020  
6:30-8:00 PM

Prior Lake City Hall  
Parkview Meeting Room

### Attendees:

CAC Members: Jim W., Woody S., Christian M., Matt N., Christopher C., Kim S.

Board Members: Curt H., Bruce L.

District Staff: Kathryn K-M.

- I. 6:30 pm: Welcome and Call to Order—Chair Christian Morkeberg  
Introduced new member – Matt Newman
- II. May Meeting Minutes Approval (emailed) – motion carried.  
Approval of the Agenda – Motion to approve carried.
  - i. Jim – had comments about the creek between Spring and Upper Prior Lake and how it fits into the Watershed plans.
  - ii. CAC members – ask Spring & Upper Prior homeowners to provide a “thanks” and shout outs to the Watershed for work to improve WQ
  - iii. Suggestion for 50<sup>th</sup> Anniversary: Complete a five-minute drone of the Watershed start thru end – and discuss the works of the Watershed.
- III. CAC Business:
  - Discuss subcommittee membership for Matt N.
    - Joined shoreline restoration sub-committee
  - 2021 CAC budget requests
    - Jodi’s presentation on AIS/Signage might be a good area to add.
    - Scott Co WMO- may approach Watershed and want to partner in a joint venture around the AIS/inspection.
    - Discussion about number of boats on Prior Lake. Lake is very busy. Limiting the parking at access points is not limiting the boats launched- Is the DNR monitoring the quantity of boats being launched? Who is responsible? What should be done? Are they supposed to manage the ramp access? On some lakes when the parking is full; the ramp is closed. What is the policy? Christian has a contact at the DNR he can make a call and inquire.
    - How to monitor personal property owners against renting out private boat slips - City is upping enforcement this year.

- Committee discussion between Board, Staff, and CAC members – consider having a yearly joint meeting to discuss progress and future plans, exchange ideas, etc.
- CAC should make recommendations – what sub-committees want or need money in 2021?
  - Fish stocking
  - 50+1 celebration
  - Shoreline restoration, etc.

#### IV. June Board Meeting - CAC Member Report – Christian

- Update on the Alum treatment on Spring (3<sup>rd</sup> treatment of 3 planned) and Upper Prior (1<sup>st</sup> treatment of 2 planned)
- Application was successful and within timeline.
- Both lakes are a lot clearer – will continue to monitor over time.
- Fish stocking presentation by Christian –
  - Help the fisheries and combat the carp
  - Reviewed trends – decrease in bluegill and largemouth Bass
  - Board said yes will fund up to \$10,800 minus contributions from two lake associations & (possibly) rotary club.
  - Stats compiled are very interesting- should do a baseline survey prior to stocking; then at a point in the future after the stocking to measure and add to the stats that can be analyzed in the future.
- The Board recommended doing the shoreline restoration and shoreline scoring to support stocking- There is a shoreline cost-share program to bring into consideration with the shoreline restoration.
- Board approved Matt N as a new CAC member.
- Discussion of carp management plan and how cost effective and effective has it been. There is a nice area on the website for people to get involved & volunteer for the carp program.
  - The Board is committed to supporting carp management.

July Board Meeting Attendee – Jodi

August Board meeting Attendee - Woody

#### V. Staff Project Updates

- Carp volunteers need to sign up on the website or email Kathryn. Tracking the carp; bating; training carp off of your dock; or sign up to be a carp spy- Can this be made into a science project if future classrooms become virtual again?
- SWCD shoreline and prairie workshop held in June as a webinar. It was able to be recorded and posted to the workshop page on the Watershed website- good for future educational purposes!
  - Next webinar is on native prairie planting- July 23
- Couple of carp traps set up in targeted areas – the carp activity has lessened so traps have been pulled. Looking towards fall prep on larger carp removals.

- Alum treatment effectiveness will be tracked/monitored thru Sept- then November results will be available. True water quality will be in the future and understanding the sediment changes, will need the core sample.

#### VI. Subcommittee Reports

- 50<sup>th</sup> Anniversary (Kim)
  - Boathouse event postponed
  - Hike the Watershed brochures – interns helping to finalize.
- Fish Stocking (Christian)
  - Recap & Update from Board Presentation in June
- AIS/Signage (Jodi)
  - Present to Board in July
- Shoreline Restoration (Jodi, Christopher)
- Storage Assessment, Plans and Wetland Banking (Christopher, Woody, Jim)
  - Call will be set up to set up will subcommittee members.
  - Stormwater management study – file is available and sent out to CAC by Christian to review
  - Upper watershed study in progress. Feedback will be available by end of year.
  - 10-year management plan is almost wrapped up and ‘final’. From the plan – what are the priorities? The CAC could discuss and provide feedback on storage projects.

#### VII. Goals & Topics for July Meeting

- Prior Lake & Spring Lake Association, Facebook – send thank you to the Watershed for their efforts.
- Drone prices from Bruce L. for possible watershed video (SWCD has a drone)
- Creek between Spring and Upper Prior. –
  - Outlets are critical part of the Watershed
  - District does not hold any easements at this time, it would be DNR to start with who have ‘authority’ if any concerns present. Is there a need or benefit to research this area further?
- Discuss the budget further – CAC bring ideas of money you might want
- Updates from DNR and how the control access to the lake – Woody/Christian
- Sub-committee updates

#### VIII. Staff & Other Announcements

- None at this time.

#### IX. 8:03 p.m. Adjourn



7/14/2020

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**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 Klein Bank) to the claims list parties.

Staff will request that all vendors provide information on their invoices to fit into the categories below

UPDATED 7/9/2020

Vendor	Invoice	Description	Amount
<b>1. Watershed District Projects (excluding staff payroll)</b>			
Barr Engineering	23701093.00 3	Spring Lake Phase 3 Alum Treatment	14,152.01
All About Erosion Control	44936	Curb Log & Wood Stakes	272.00
American Environmental LLC	1791	CCTV Inspection of Storm Sewer	2,028.50
EOR	00758-0019	Sutton Lake Outlet Modification	614.00
EOR	00758-0130	Upper Prior Lake Alum Treatment	1,551.35
EOR	00758-0018	General Engineering	719.75
EOR	00758-0019	Permitting	258.00
EOR	00758-0018	District Plan Update	2,161.50
EOR	00758-0136	Upper Watershed Blueprint	516.00
EOR	00758-0135	PCSWMM Update	7,425.00
Frontier Precision	214992	Monitoring Equipment	180.00
HAB Aquatic Solutions	20-201	Phase III Spring Lake Alum Treatment	262,319.00
Metropolitan Council	240	Lab Analysis	298.00
MN Conservation Volunteer		Subscription	25.00
MN Department of Natural Resources	1979-6016	Water Permit	300.00
RMB	501712	Lab Analysis	294.00
RMB	503377	Lab Analysis	294.00
RMB	502294	Lab Analysis	540.00
RMB	504373	Lab Analysis	630.00
RMB	504367	Lab Analysis	384.00
Tech Sales	324296	Monitoring Equipment Repair	195.00
VESSCO, Inc.	80469	FeCl Tank Repair	414.40
WSB	R-015516-000 1	Carp Management	6,722.00
WSB	R-015516-000 9	Carp Management	14,140.12
WSB	R-015516-000 10	Carp Management	20,389.67
WSB	R-015516-000 11	Carp Management	64.00
Xcel Energy	674779216	June	16.81
<b>Subtotal</b>			<b>336,904.11</b>
<b>2. Outlet Channel - JPA/MOA (excluding staff payroll)</b>			
Applied Ecological Services	1587	PLOC Vegetation Maintenance	1,725.00
Applied Ecological Services	2017	PLOC Vegetation /Stability Inspections	961.00
HG & K		June	293.75
<b>Subtotal</b>			<b>2,979.75</b>
<b>3. Payroll, Office and Overhead</b>			
ADP Manager Per Diems		Already Paid	1,178.00
ADP Staff Payroll		Already Paid	23,015.18
ADP Taxes & Benefits		Already Paid	14,831.18
Connexus Credit Union		Health Savings Account	205.38
H SA Bank		Health Savings Account	415.38
HG & K		June	3,030.00
Optum Bank	95-737992	Health Savings Account	45.00
Metro Sales	1618217	Copy Machine Contract	110.60
League of MN Cities	400002864	Property/Casualty	1,397.00
Smith Partners	41642	General Admin & Legal Service	438.90
Smith Partners	41643	Contracts	485.10
NCPERS		Life Insurance	96.00
VISA		June Charges	3,332.70
<b>Subtotal</b>			<b>48,580.42</b>
<b>4. Debt repayment and Interest</b>			
Northland Trust Services		Principal	
Northland Trust Services		Interest	
Northland Trust Services		Agent Fee	
<b>Subtotal</b>			<b>0.00</b>

**TOTAL****388,464.28**

X \_\_\_\_\_

X \_\_\_\_\_

**PRIOR LAKE SPRING LAKE WATERSHED DISTRICT**  
**Financial Report - Cash Basis**  
**January 1, 2020 Through June 30, 2020**

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Program Element	2020 Source of Funds			
	2020 Levy	Budget Reserve	Grant Funds/Fees	2020 Expenditure Budget
	Administrative Salaries and Benefits	150,799		150,799
	703 · Telephone & Internet	15,400		15,400
	706 · Office Supplies	8,690		8,690
	709 · Insurance and Bonds	8,500		8,500
	670 · Accounting	25,900		25,900
	671 · Audit	10,250		10,250
	903 · Fees	1,200		1,200
	660 · Legal (not for projects)	5,000		5,000
	<b>Administration</b>	<b>225,739</b>		<b>225,739</b>
	<b>Program Salaries and Benefits (not JPA/MOA)</b>	<b>340,202</b>		<b>340,202</b>
Water Qual	550 Public Infrastructure Partnership Projects	-		-
Water Qual	611 Farmer-led Council	51,000		51,000
Water Qual	611 Cost-Share Incentives	58,000		58,000
Water Qual	611 Highway 13 Wetland, FeCl system & Desilt, O&M	57,800		57,800
Water Qual	611 Fish Point Park Retrofits	2,000		2,000
Water Qual	611 Fish Management, Rough Fish Removal	35,805		35,805
Water Qual	611 Spring Lake Demonstration Project Maintenance	1,500		1,500
Water Qual	611 Raymond Park Maintenance	2,000		2,000
Water Qual	611 Alum Internal Loading Reserve	148,500	458,819	1,056,819
Water Qual	611 County Rd 12/17 Maintenance	5,000		5,000
Water Qual	611 FeCl carp barrier tine replacement project	26,000	64,544	90,544
Water Qual	611 Indian Ridge Maintenance	1,500		1,500
Water Qual	611 Fairlawn Shores Maintenance	1,500		1,500
Water Qual	611 Fish Lake TMDL Implementation	-	3,000	3,000
Water Qual	611 Pike Lake TMDL Implementation	-	3,000	3,000
Water Qual	611 Feasibility Reports	-		-
Water Qual	637 District Monitoring Program	87,100		87,100
Water Qual	GRANT Carp Management/Removal	150,000	90,000	240,000
Water Qual	626 Planning and Program Development	32,000		32,000
Water Qual	626 LGU Plan Review	3,000		3,000
Water Qual	626 District Plan Update	-	50,000	50,000
Water Qual	626 Engineering not for programs	30,000		30,000
Water Qual	648 Permitting and Compliance	12,000		12,000
Water Qual	648 Update MOAs with cities & county	5,000		5,000
Water Qual	648 BMP and easement inventory & inspections	10,000		10,000
Water Qual	626 Comprehensive Wetland Plan Update	-		-
Water Qual	626 Boundary Change Exploration	-		-
Water Qual	648 Non-project Reg. Reporting, Rules & Stand. Rev.	-		-
Water Qual	611 Identify and Mitigate Channel Erosion	-		-
Water Qual	626 Upper Watershed Blueprint	27,500	62,500	90,000
	<b>WQ TOTAL</b>	<b>747,205</b>	<b>641,863</b>	<b>1,928,568</b>
Water Storage	550 District-wide Hydraulic & Hydrologic model	16,000		16,000
Water Storage	550 Storage & Infiltration Projects--Sutton Lake	143,641	63,359	207,000
Water Storage	626 Develop an Upper WS Storage Projects Plan	-		-
	<b>WS TOTAL</b>	<b>159,641</b>	<b>63,359</b>	<b>223,000</b>
AIS	611 Aquatic Vegetation Mgmt	-		-
AIS	637 Automated Vegetation Monitoring	4,700		4,700
AIS	637 Aquatic Vegetation Surveys	20,000		20,000
AIS	637 Boat inspections on Spring, Upper & Lower Prior	20,000		20,000
	<b>AIS TOTAL</b>	<b>44,700</b>	<b>-</b>	<b>44,700</b>
Ed & Out	652 MS4 Education program	-	10,000	10,000
Ed & Out	652 Prior Lake-Savage Schools partnerships	250		250
Ed & Out	652 CAC Training & Supplies	2,500		2,500
Ed & Out	652 Educational signs	2,000		2,000
Ed & Out	652 50th Anniversary projects	5,000		5,000
	<b>E&amp;O TOTAL</b>	<b>9,750</b>	<b>10,000</b>	<b>19,750</b>
	<b>PLOC Restoration, Maintenance &amp; Monitoring</b>	<b>90,220</b>		<b>90,220</b>
	<b>Bond Payments</b>	<b>177,175</b>		<b>177,175</b>
	<b>Total excluding PLOC expenses</b>	<b>1,794,632</b>	<b>715,222</b>	<b>3,049,354</b>

Actual Results		
Monthly Paid Expenses	YTD Paid Expenses	Percent Spent
7,602	45,740	
314	4,774	
241	3,555	
2,020	7,910	
3,056	16,875	
(2,625)	8,065	
114	8,989	
-	589	
<b>10,722</b>	<b>96,496</b>	<b>42.75%</b>
<b>33,041</b>	<b>185,365</b>	<b>54.49%</b>
-	474	
-	3,102	
-	-	
988	10,517	
-	-	
5,630	38,371	
-	-	
-	-	
558,140	767,060	
-	-	
7,016	7,257	
-	-	
-	-	
-	-	
-	-	
-	24,390	
701	2,278	
64,773	84,372	
170	2,453	
-	2,708	
2,264	25,254	
1,161	3,766	
1,429	8,451	
-	-	
113	3,186	
-	-	
-	194	
-	11,051	
-	-	
774	2,036	
<b>643,158</b>	<b>996,918</b>	<b>51.69%</b>
-	-	
3,491	14,517	
-	-	
<b>3,491</b>	<b>14,517</b>	<b>6.51%</b>
5,466	5,466	
-	2,700	
-	-	
4,779	6,179	
<b>10,245</b>	<b>14,345</b>	<b>32.09%</b>
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	<b>0.00%</b>
-	<b>90,220</b>	<b>100.00%</b>
-	<b>350,917</b>	<b>198.06%</b>
<b>700,657</b>	<b>1,748,779</b>	<b>57.35%</b>

	<b>PLOC expenses</b>			<b>380,750</b>
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<b>10,005</b>	<b>42,123</b>	<b>11.06%</b>
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	<b>Grant Funds/Fees Anticipated</b>			
Water Qual	<b>611 Farmer-led Council (SWCD)</b>		10,000	10,000
Water Qual	<b>648 Permitting and Compliance</b>		1,000	1,000
Water Qual	<b>648 BMP and easement inventory &amp; inspections</b>		1,000	1,000
Water Storage	<b>637 District-wide Hydraulic &amp; Hydrologic Model (PLk)</b>		16,000	16,000
AIS	<b>611 Aquatic Vegetation Mgmt. (Scott County)</b>		6,000	6,000
Water Storage	<b>550 Storage &amp; Infiltration Projects (Sutton Lake) DNR</b>		207,000	207,000
	<b>Total Grant Funds/Fees Anticipated</b>		<b>241,000</b>	<b>241,000</b>

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