



**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**

Subject | 2025 Board Officer Appointments Discussion

Board Meeting Date | January 21, 2025

Item No: W.1

Prepared By | Joni Giese, District Administrator

Attachments | None

Proposed Action | No action requested

Background

Annually the Board of Managers appoint officers for the year.

Discussion

This workshop agenda item provides the managers an opportunity to discuss annual appointments prior to voting on this topic (see board meeting, agenda item 4.3, for more details).



**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**

Subject | 2025 Board Liaison Appointments Discussion

Board Meeting Date | January 21, 2025

Item No: W.2

Prepared By | Joni Giese, District Administrator

Attachments | None

Proposed Action | No action requested

Background

Annually the Board of Managers appoint liaisons to District partner agencies for that year.

Discussion

This workshop agenda item provides the managers an opportunity to discuss annual liaison appointments prior to voting on this topic (see board meeting, agenda item 4.4, for more details).

PLSLWD Board Staff Report
January 15, 2025



Subject | 2025 Carp Management Priorities

Board Meeting Date | January 21, 2025

Item No: W.3

Prepared By | Jeff Anderson, Water Resources Coordinator

Attachments | No attachments.

Proposed Action | For discussion only.

Background

Carp management is an integral part of improving the water quality in Spring and Upper Prior Lakes as discussed in the 2013 TMDL reports. The carp management program is also relied on to achieve assurances set in the 2019-2021 BWSR grant. District staff and consultants are set to continue carp management as outlined in the recently updated 2024 Integrated Pest Management Plan for Carp (IPM).

Discussion

At the board workshop, staff will focus on two aspects of the District's carp program:

- In 2024, we confirmed that Upper Prior Lake has achieved our population target of less than 89 lbs/ac., allowing us to transition from intensive management to the maintenance phase as outlined in the Integrated Pest Management (IPM) plan.
- Our primary objective for 2025 will focus on reducing biomass through removals in Spring Lake. Spring Lake has been challenging for removals outside of winter seining. While winter seining will be a priority focus, staff will lean towards utilizing equipment with connected services to provide real-time updates on carp movement during spring through fall. Working with a consultant, staff are planning to build from previously successful methods while continuously paving the trail of innovation within carp management.

Recommendation

For discussion only.

Budget Impact

The cost associated with the proposed 2025 activity will be covered under budget item 611 Carp Management.

PLSLWD Board Staff Report

January 15, 2025


**PRIOR LAKE
SPRING LAKE
WATERSHED DISTRICT**
Subject | Alum Treatment Assessments

Board Meeting Date | January 21, 2025

Item No: W.4
Prepared By | Jeff Anderson, Water Resources Coordinator

Attachments | No attachments, PowerPoint provided during workshop.

Proposed Action | For discussion only.

Background

Alum treatments are an effective tool at controlling internal loading, the process by which phosphorus is released from lake sediment and mixes into the water column. A multiphase alum treatment project was completed on Spring Lake with doses occurring in 2013 (50%), 2018 (25%), and 2020 (25%). In 2020, the first phase of an alum treatment project was completed with a 60% dose on Upper Prior Lake.

The District's lake monitoring data is showing slowly climbing hypolimnetic (lake bottom) phosphorus levels in both Upper Prior Lake and Spring Lake, which is an early indicator of declining water quality. The District anticipated the need for completing the second half of the 2020 Upper Prior Lake alum treatment project and established the Alum Reserve Fund.

Sediment coring analysis is used to assess the effectiveness of alum treatment projects, as well as develop updated dosing strategies based on responses from previous applications. Sediment coring was completed fall of 2024 on Spring Lake and is anticipated to occur on Upper Prior Lake in spring of 2025.

Discussion

The goal of the alum treatments assessment discussion is to

1. Analyze and review current lake data trends.
2. Discuss current data collection practices and information to be obtained from coring.
3. Discuss timeline of reporting, project planning, and budget planning.

The discussion will provide board managers with an estimated timeline when information will be available, how this information is utilized, and guidance for decision making. Discussions will continue as additional information becomes available.

Recommendation

For discussion only.

Budget Impact

The cost associated with the proposed 2025 activity will be covered under budget item 611 Alum Internal Loading Reserve.