



Scott Watershed Management Organization

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AGENDA

Scott WMO – Watershed Planning Commission

April 25, 2022

4:00 p.m.

**Watershed Planning Commission Meeting
Video Conference**

- | | |
|--|-------------|
| I. Call to Order | Action |
| II. Approval of Agenda | Action |
| III. Staff Reports | |
| a. Scott SWCD – Troy Kuphal | Information |
| b. SWMO – VS | Information |
| IV. Ongoing Business | |
| a. Project Updates: – RH | Information |
| b. Project Updates: – MBE | Information |
| c. 1W1P (one watershed one plan) – Commissioners Weaver and Pint | Information |
| V. New Business | |
| a. Peter and Yvonne Herold Streambank Stabilization Amendment - RH | Action |
| VI. Adjourn | Action |



Scott Scott WMO – Watershed Planning Commission Meeting Minutes

February 28th, 2022

I. Call to Order & Roll Call

Commissioner Weaver called to order the regular meeting of the Watershed Planning Commission meeting at 4:00 PM on February 28th, 2022, at Virtual Conference via Zoom.

Specific details and video of the entire February 28th, 2022 Scott WMO Watershed Planning Commission Meeting is available for viewing on the Scott County Website.

The video link can be viewed at: <https://www.youtube.com/2-28-2022>

II. Roll call

Members Present:	Members Absent:	Staff Present:	Others Present:
Rita Weaver	Kevin Shea	Melissa Bokman-Ermer	Bruce Loney
Pam Caselius	Troy Kuphal	Vanessa Strong	Tom Wolf
Virgil Pint	Ryan Holzer	Domi Archiebald	
Mark Vierling			
Joe Thill			
Brian Schmidt			

III. Approval of Agenda

Motion by Commissioner Thill; Seconded by Commissioner Caselius to approve the February 28th, 2022, Agenda as amended.

The Motion carried unanimously for the amended agenda to be approved.

Approval of minutes from last meeting – January 24th, 2022.

Motion by Commissioner Schmidt; Seconded by Commissioner Vierling to approve the January 24th, 2022, Meeting Minutes as written.

The Motion carried unanimously for the Meeting Minutes to be approved as written.

IV. Public Comment

*None Received

V. Staff Reports

SCOTT SWCD:

Updates from Troy Kuphal

Please see the presentation graph in the 2/28/22 WPC packet. If there are any specific questions or concerns, please contact Troy Kuphal.

SCOTT WMO:

Updates from Vanessa Strong

- Vanessa gave a brief update on the McMahon Lake. Part of the project to install the lake outlet for McMahon involves the creation of a lake improvement district so that someone is there to be responsible for maintaining and owning that outlet. Owning Lake outlets is not in the policy goals or priorities of the SWMO nor is it in the goal or policy of the county. However, the SWMO fully supports coordinating these types of activities when they're heavily supported by the residents. There was a public hearing on February 15th - a lot of the concerns were that they, wanted to talk more about who was being included in the lake improvement district and who wasn't. Since the residents brought the petition to the County, the County has to look at that petition and determine whether it's reasonable and fits within statute and will meet those goals. There will be more conversations around this project and it will be brought to the March 15th meeting.

VI. Ongoing Business

Project Updates – February 2022:

Updates from Ryan Holzer, presented by Vanessa Strong

1. CIP Maintenance of Phase I Site – continued efforts with the Public Works Department on fixing our site
2. 2021 WBIF Reporting – first reporting period for our grant was completed before the deadline of February 1st
3. Nine Elements Grant Reporting – first reporting period for our grant was completed before the deadline of January 30th
4. Our current representative at MPCA has been promoted and we'll likely be assigned a new representative as our day-to-day contact in the future
5. New CIP Outreach – will be reaching out to the landowners where new CIPs have been identified in the next month or so to gauge their interest levels
6. TACS Program Outreach – will continue to reach out to landowners outside of the Sand Creek watershed to generate interest in the TACS

program, with the focus on encumbering projects towards the 2019 WBF grant

7. Macroinvertebrate Monitoring – identifying new monitoring sites on Raven Stream and Porter Creek for monitoring in future years
8. Results from the 2021 monitoring efforts should be available soon
9. Markley Lake Engineering Consultant Request for Proposals – is currently out for proposals with a due date later in March and decision on which firm to go with to follow thereafter
10. SWCD Service Agreement – currently under review by the legal department and an RBA is scheduled to go to the Board in March

Project Updates – McMahan Lake Outlet:

Updates from Melissa Bokman:

- Melissa presented information on the Scott clean water education program for 2022. There are three priorities that are going to be focused on for 2022 with different audiences as a focus: Agricultural/Rural landowners, Community groups/School/Government, and Urban/Lakeshore residents. Each group has a priority of focus. *Please see the February 28th WPC meeting packet for detailed information on each focus and priority area.*

1W1P:

Updates from Chair Weaver and Vice-Chair Pint

- *There hasn't been a meeting in February – nothing to report until after the March 2022 meeting.*

Project Updates – Engineering Services Recommendation for the McMahan Lake Outlet:

Updates from Melissa Bokman:

- In August 2021, Scott WMO sent request for proposals (RFP) to qualified firms for Engineering Design services for the McMahan Lake Outlet. Two proposals were received on Friday, September 17, 2021 from WSB & Associates, Inc. (WSB) and SRF Consulting Group (SRF). A committee comprised of Megan Tasca, P.E. of Scott County, Vanessa Strong, Water Resources Supervisor, Scott WMO, and Melissa Bokman Ermer, Scott WMO, reviewed the proposals for the proposed project approach, project manager and teams, and estimated project cost.
- Based on the committee's review, staff recommends selecting WSB for the McMahan Lake Outlet Engineering Design project. WSB's approach and methodology reflects a solid understanding of the goals of Scott County and the Scott WMO. The WSB proposal is the low-price proposal from the two responsive proposals. Both proposals appeared comprehensive in scope, with a >50% cost difference between the two.

- The Scott WMO staff is seeking a recommendation awarding a contract for the Engineering Design Services for the McMahon Lake Outlet to WSB & Associates, Inc. This item is scheduled for the March 1st County Board meeting.

VII. New Business

Curlyleaf Treatment Vendor Proposals:

Updates from Melissa Bokman-Ermer

- A Request for Proposals was sent out in January to 12 licensed commercial applicants. Two applicants responded right away that they would not be submitting proposals because they were already booked for their season; PLM was the only vendor that submitted a proposal on time before the deadline. We have been contracting with PLM since 2012, so they know our lakes well. They are a SWIFT member – meaning they use the State approved pricing for their bids to Scott County
The estimate for Cedar looks high, which is due to the Aquathol pricing. It is likely that the DNR will only allow up to 200 acres treated on Cedar for the next couple of years to make sure natives bounce back after the Fluoridone treatments. Diquat being the less expensive option cannot be used on more than 150 acres, and also did not have the perception from lake owners to be affective, although when the treatment areas were checked by the WMO and DNR, we found it to be effective. 2021 was the first year that a large reduction in the area treated on the lake was required by the DNR and the expectation from landowners was that no curlyleaf would be seen.

Staff is looking for a recommendation to enter a three-year contract with PLM to administer treatment on three lakes for curlyleaf and pondweed treatment.

Motion by Commissioner Caselius; Seconded by Commissioner Vierling to recommend entering a three-year contract with PLM.

The Motion carried unanimously for recommendation.

Project Updates - Wakeboard Boat U of M Study:

Updates from Melissa Bokman-Ermer

- Four recreational watercraft were involved in the study. Two of these boats are typical recreational watercraft used for cruising, waterskiing, and tubing, and represent boats that have been on Minnesota lakes for many decades. The U of M also studied two wakesurfing boats, which are newer to Minnesota's waters. The report discusses the waves produced by these boats, including how the wave heights and energy within the waves changes with distance from the boat.

- When operated under their most typical operating conditions, wakesurf boats were capable of producing larger wake waves that contain more energy and power than non-wakesurf boats.
- Under this comparison, the two wakesurf boats produced substantially higher (~2-3 times) maximum wave heights than the non-wakesurf boats at 100 ft of operational distance and ~2 times higher after 600 ft of operational distance.
- An aftermarket wave shaper attached to one non-wakeboard boat had a measurable impact on wave characteristics, resulting in increased max. wave height, total wave energy and wave power. Which suggests aftermarket products installed on non-wakesurfing boats can create wake waves similar to wakesurfing boats.
- In general, all boats followed the same nonlinear decrease in maximum wave height and wave power with increasing operational distance.

Jordan Ordinance Amendments:

Updates from Melissa Bokman-Ermer

- Included in the memo in your packets is the timeline sequencing for the receipt of the City of Jordan proposed ordinance updates and Scott WMO staff responses in early February.
- It was brought to our attention from Environmental Health staff after review of a recent Jordan Development Environmental Assessment Worksheet, that the City of Jordan's bluff setback in their City Code is only a five-foot (5') setback from the top of the bluff for accessory structures, which is a less restrictive setback than the Scott WMO Bluff Standard.
- On February 10, 2022, WMO staff received an updated version of the Jordan Ordinance 2022-01 agreeing to make the changes to their Bluff Standards to be consistent with the WMO Bluff Standards and Scott County Ordinance No. 3. Attached is the city code proposed changes that now bring the City of Jordan Bluff Protection Criteria and Stormwater Management Standards into compliance with the Scott WMO.
- The proposed changes were brought to the Jordan City Council on February 14th for a first reading, with no comments or objections.
- Staff is seeking a recommendation for a conditional approval of the City of Jordan's proposed amendments to their Ordinance 2022-01 amending sections 153.11(K)(2)(d)(4), 154.334(C)(1), and 154.335 (C)(12) & (13) of the Jordan City Code stormwater requirements, and bluff setback, conditional upon the City adopting the revisions to those sections of their City Code at their February 28th City Council meeting.

Staff is seeking a recommendation for approval of the amended sections upon the City's conditional adoption of those amendments.

Motion by Commissioner Pint; Seconded by Commissioner Caselius to recommend conditional approval of the amended sections of the ordinance.

The Motion carried unanimously for recommendation.

VIII. Adjournment

Motion by Commissioner Schmidt; Seconded by Commissioner Caselius to adjourn the meeting at 5:53 PM

The Motion carried unanimously to adjourn

Rita Weaver

Chair, Watershed Planning
Commission

Date

Dominique Archibald

Administrative Assistant



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Memorandum

April 25, 2022

To: Watershed Planning Commission

From: Ryan Holzer, Water Resources Scientist

Subject: Peter and Yvonne Herold Streambank Stabilization Amendment

Included with this memo is an amendment to the WMO from Peter and Yvonne Herold for a streambank stabilization project. The property is in Scott County, located in the City of Prior Lake.

Peter and Yvonne had a grade stabilization project installed on their property in 2016. The eroding streambank is starting to impact the previous project and thus this streambank stabilization project is intended to reduce the erosion and protect the grade stabilization structure.

This project would prevent sediment and nutrients from entering Credit River. The original estimated cost for the project was \$7,060.00. The proposed amounts were \$4,236.00 from the WMO and \$2,824.00 from the landowners. The amendment would add \$706.00 to the existing contract, bringing the WMO total to \$4,942.00. The funding source would be the 2019 WBF grant which we need to use the funds in 2022.

The reason for the amendment was an increase in permit fees from the DNR and an increase in construction costs anticipated for 2022. The Herold's were only approved at 60% in 2021 due to lack of funding. This increase would bring them to 70% cost share.

As per the Docket, all streambank stabilization projects go through the Screening Committee for a review and recommendation. The Scott SWCD Screening Committee reviewed the application at their April 21st Board Meeting and recommended approval.