



**Ramsey-Washington Metro Watershed District
Minutes of Regular Board Meeting
November 7, 2018**

The Regular Meeting of November 7, 2018, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, at 6:30 p.m.

PRESENT:

Marj Ebensteiner, President
Cliff Aichinger, Vice President
Dianne Ward, Treasurer
Dr. Pam Skinner, Secretary
Lawrence Swope, Manager

ABSENT:

ALSO PRESENT:

Tina Carstens, District Administrator
Amanda Staple, Recording Secretary
Erin Anderson Wenz, Barr Engineering
Bill Bartodziej, Natural Resource Specialist

Paige Ahlborg, Project Manager
Tracey Galowitz, Attorney for District
Nicole Soderholm, Permit Inspector
Keith Pilgrim, Barr Engineering
Lauren Grouws, M/I Homes

1. CALL TO ORDER

The meeting was called to order by President Ebensteiner at 6:30 p.m.

2. APPROVAL OF AGENDA

Tina Carstens requested to add Item 8B, Change Order for Grass Lake Berm Project.

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve the agenda as amended. Motion carried unanimously.

3. CONSENT AGENDA

A. Approval of Minutes from October 10, 2018

Motion: Dianne Ward moved, Cliff Aichinger seconded, to approve the consent agenda as presented. Motion carried unanimously.

4. TREASURER'S REPORT AND BILL LIST

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve the November 7, 2018, bill list as submitted. Motion carried unanimously.

5. VISITOR PRESENTATIONS

There were none.

6. PERMIT PROGRAM

A. Applications

Permit #18-27: McKnight Road Development – North St. Paul

Nicole Soderholm stated that this will be a townhome subdivision. She noted that there will be a slight revision to the plan which will eliminate the single-family home portion of the project. She stated that the stormwater elements will not change, there will just be less impervious surface.

Manager Aichinger asked and received confirmation that the change in plans was in response to comments made from neighboring property owners.

Motion: Dr. Pam Skinner moved, Cliff Aichinger seconded, to approve Permit #18-27. Motion carried unanimously.

B. Monthly Enforcement Report

During October, 28 notices were sent to address: install/maintain inlet protection (5), install/maintain perimeter control (8), install/maintain construction entrance (4), sweep streets (1), stabilize exposed soils (4), contain liquid/solid wastes (1), remove discharged sediment (1), and protect/maintain permanent BMPs (4).

7. STEWARDSHIP GRANT PROGRAM

A. Applications

Permit #18-26 CS: Kosobayashi – Rain Gardens and Native Planting

Paige Ahlborg provided details, noting that this project is intended to improve erosion issues and add additional native plantings.

Motion: Cliff Aichinger moved, Dianne Ward seconded, to approve Permit #18-26 CS. Motion carried unanimously.

Permit #18-05 CS: Lionsgate Academy – Budget Adjustment

Paige explained that changes were made upon the request of the District because of poor soils that were identified which increased the overall cost. She noted that these funds would come from the school retrofit funds.

Motion: Dianne Ward moved, Dr. Pam Skinner seconded, to approve the budget adjustment for Permit #18-05 CS. Motion carried unanimously.

B. Budget Status Update

No additional comments.

8. ACTION ITEMS

A. 2019 CIP Maintenance and Repair Project Approval of Plans and Authorization to Advertise for Bid

Tina Carstens stated that the packet of information was provided to the Board the previous day and is also available at the desk for the Managers. She confirmed that this is an annual project for the District which addresses annual maintenance and repair items.

Erin Anderson Wenz provided a highlight of the projects that will be included in the 2019 CIP Maintenance and Repair Project. She noted that the Maplewood Mall project, labeled C05, has been removed and will be included in a separate project. She noted that the majority of projects will include removal of sediment and provided details on the different projects. She provided specific details on the Snail and Grass Lake areas and the potential projects. She reviewed the estimated project cost for the entire 2019 CIP Maintenance and Repair Project, noting that total does not include reimbursements for pond sediment removal done for the communities.

President Ebensteiner stated that perhaps the District staff could reach out to the City of Shoreview in attempt to costshare on the Snail Lake and Grass Lake items. Manager Aichinger suggested further discussion with Shoreview

on those elements to determine their ability/desire to cost-share. There was discussion regarding the need for the Snail Lake overflow work and whether the emergency response items should be permanent changes or done on a temporary basis as needed. Tina stated that staff will be meeting with staff from Shoreview and Ramsey County Parks in the next few weeks to further discuss. It was the consensus of the Board to leave all the Snail Lake and Grass Lake items in the CIP as bid alternates with the understanding that those items could be pulled dependent upon the discussions with Shoreview and the county.

Motion: Cliff Aichinger moved, Dr. Pam Skinner seconded, to approve the preliminary design, estimated costs, and proposed project schedule, and direct staff to finalize the design and bidding documents and advertise the project for bid, listing the Snail Lake and Grass Lake Flooding Improvements (Items 12 and 13) as alternates.

Further discussion: Tracey Galowitz noted that the District has had difficulties with Fitzgerald with the past two CIP projects and therefore perhaps the District would like to alert the contractor that the Board may not select the contractor, even if they are the lowest bidder. It was the consensus of the Board to direct legal counsel to provide that communication to Fitzgerald.

Motion carried unanimously.

B. Change Order for Grass Lake Berm Project

Tina Carstens provided the final change order for the project, noting that additional work was completed as part of the project with a cost of approximately \$6,000. She stated that it was a fair cost for the work performed.

Erin Anderson Wenz stated that there were woodchips discovered under the pipe at Gramsey Road and therefore corrective measures were needed. It was confirmed that it was not an error of the contractor.

Motion: Dianne Ward moved, Cliff Aichinger seconded, to approve Change Order No. 4 for the Grass Lake Berm Project. Motion carried unanimously.

9. ADMINISTRATOR'S REPORT

A. Meetings Attended

No comments.

B. Upcoming Meetings and Dates

Tina Carstens noted that the Watershed Excellence Awards will be held on November 14th.

C. 2019 Board Meeting Dates

Tina Carstens noted that both the January and July meeting dates fall around holidays and may need to be rescheduled. It was the consensus of the Board to leave the meeting dates as scheduled at this time.

D. MAWD Annual Meeting

It was noted that both Cliff Aichinger and President Ebensteiner will be attending the conference.

Motion: Dr. Pam Skinner moved, Lawrence Swope seconded, to appoint Cliff Aichinger and Marj Ebensteiner as the delegates for the MAWD Annual Meeting. Motion carried unanimously.

10. PROJECT AND PROGRAM STATUS REPORTS

A. Presentation: Preliminary Results for the Kohlman Basin Treatment Test Cells

Keith Pilgrim stated that he is present to share the results of the permeable reactive barrier test cells at Kohlman Basin. He provided examples of the different test materials that they have used during the study and the information that was gained to determine the long-term viability of that different materials. He stated that the

study not only measured the amount of phosphorus reduction but also the amount of coliform bacteria that was removed using the different materials.

Manager Skinner asked if there would be an option to plant biological aquatic plants that could absorb the phosphorus and then could be harvested. Keith stated that Kohlman Lake is a success story for doing just that using the existing aquatic plant community to achieve phosphorus reduction. He stated that currently there is very low phosphorus concentration and algae levels, which have allowed the native vegetation to thrive. He stated that they have been doing a lot of monitoring to ensure that harvesting would not create an imbalance in the healthy lake. He provided information on the history of the aquatic plant coverage throughout the past ten years. He stated that he received a grant through Barr to continue to work on the data collected from Kohlman Lake to create a shallow lake model and reviewed the steps that will be a part of his process.

Manager Aichinger stated that the public response should also be a part of that. Bill Bartodziej replied that in response to the public comments, the District has offered a cost-share program for harvesting, as there is phosphorus being removed through the plants that are harvested as well. Tina noted that we have learned to also help set the appropriate expectations for residents on shallow lakes. Bill stated that this will be useful because of the monitoring data and will help to determine the amount of plant materials that can be harvested without negatively impacting the healthy lake system. Paige Ahlborg stated that the Kohlman Lake Association declined the opportunity to cost-share harvesting in 2018.

B. Project Memo: Wakefield Lake Sediment Management Analysis

Tina Carstens noted that the memorandum was provided for informational purposes.

Erin Anderson Wenz stated that there is a lot of sediment in the south end of Wakefield Lake. She stated that the study involved determining the amount of sediment, the type of contaminants, and the possible water quality improvement (which would be very small). She stated that there does not seem to be a great reason to remove the sediment. She stated that the recommendation would be to keep looking upstream of the inlet to the lake to look at water quality improvement projects. She stated that the District can speak with the City and County to communicate the amount of sediment, as technically the removal would be their responsibility.

C. Ongoing Project and Program Updates

- i. Owasso Park Stormwater Master Plan
- ii. Beltline Resiliency Study
- iii. At Risk Subwatershed Feasibility Studies
- iv. District Office Parking Lot Retrofit
- v. Emergency Response Planning
- vi. Snail, Grass and West Vadnais Lakes Outlet Permitting
- vii. West to East Vadnais Gravity Flow Evaluation

Erin Anderson Wenz provided an update, noting that borings were done of the berm between East and West Vadnais Lakes and advised that piezometers were also installed. She stated that the lakes may be connected underground but the reversing the flow through the berm does not seem to be a viable option. She stated that water quality testing was also being done because of the high standards from St. Paul Regional Water Supply (SPRWS). She stated that there are a lot of concerns because of the high levels of contaminants compared to the standards that would need to be met from SPRWS. She stated that based on the early information there would need to be treatment done for water to go between the lakes. A technical memo outlining the results will be presented at the December board meeting.

- viii. Auto Lake Monitoring Systems
- ix. Maplewood Mall Monitoring
- x. Wakefield Park/Frost Avenue Project

- xi. Targeted Retrofit Projects
- xii. Roseville High School Campus Retrofit Feasibility Study
- xiii. BMP Design Assistance and Review
- xiv. Willow Pond CMAC Project
Manager Aichinger noted that the Willow Pond project is almost completed and asked if that would be put online right away. Erin stated that it would come online in the spring. Manager Aichinger asked that regular updates be provided once that system is up and running.
- xv. Frost/Kennard Spent Lime Project
- xvi. Beltline/Battle Creek Tunnel
- xvii. CIP Maintenance/Repair 2018
- xviii. New Technology Case Study: ProCom NEPTUN System
- xix. Natural Resources Program
- xx. Education Program
- xxi. Communications Program

11. INFORMATIONAL ITEMS

No comments.

12. REPORTS OF MANAGERS

Manager Ward provided information on an artist exhibit she visited that uses pond water and sediment.

13. ADJOURN

Motion: Dr. Pam Skinner moved, Cliff Aichinger seconded, to adjourn the meeting at 8:47 p.m. Motion carried unanimously.

Respectfully submitted,

Dr. Pam Skinner, Secretary