

MEETING MINUTES

Riley-Purgatory-Bluff Creek Watershed District

April 5, 2017, Board of Managers Plan Workshop, Public Hearing, and Monthly Meeting

PRESENT:

Managers: Mary Bisek, Secretary

Richard Chadwick

Jill Crafton, Treasurer

Perry Forster, President

Leslie Yetka, Vice President*

Staff: Claire Bleser, District Administrator

Zach Dickhausen, District Staff

Michelle Jordan, Community Outreach Coordinator

Josh Maxwell, Water Resources Coordinator

Louis Smith, Attorney (Smith Partners)

Scott Sobiech, Engineer (Barr Engineering Company)

Other attendees: Bob Adomaitis, Lake Riley Improvement Assoc. Dorothy Pedersen, CAC

Larry Koch, Chanhassen Resident

Laurie Susla, Chanhassen Resident

Sharon McCotter, CAC*

David Ziegler, CAC

Dave Modrow, City of Eden Prairie*

*Indicates attendance at the monthly board meeting and public hearing but not the plan workshop

1. Plan Workshop

President Forster called to order the Wednesday, April 5, 2017, Board of Managers Plan Workshop at 5:46 p.m. in the District Office, 18681 Lake Drive East, Chanhassen, MN 55317.

Administrator Bleser stated that the primary purpose of this workshop is to provide information about the education and outreach surveys, workshops, and input for developing the education and outreach plan. She reviewed the District's 10-year watershed plan stakeholder involvement process and noted that currently the District is in the draft plan development phase.

Ms. Jordan presented on what staff has learned from the input process, which helped identify issues and priorities and helped develop the draft goals and strategies for the draft 10-year plan. She reminded the Board that for education and outreach the District drafted one goal: To design, maintain, implement education and outreach programs to protect, manage, and restore water resources. She reviewed the nine strategies designed to address that goal:

- Develop and implement an education and outreach plan as part of the 10-year plan
- Evaluate whether those programs are meeting the goals
- Translate complex data to varying audiences

- Build awareness about issues and best practices
- Build awareness of water resources in communities including access to the resources and recreation
- Engage public in projects and programs
- Support good water stewardship in the community
- Build capacity through partnerships
- Build capacity through incentives such as cost-share programs.

Ms. Jordan said that the education and outreach plan will be part of the 10-year plan and will be included as an appendix. She reviewed the six draft key components of the education and outreach plan:

- Purpose
- Strategies
- Audiences
- Key messages and topics
- Methods
- Evaluation

Ms. Jordan went into detail about two components of the District's outreach efforts: the watershed outreach workshops and the teacher survey. She handed out a draft summary of watershed outreach workshops results and teacher survey results. She reviewed the goals of the outreach efforts and the results and findings. Ms. Jordan called for comments and responded to questions. Managers and meeting attendees provided suggestions.

Administrator Bleser noted that chapters of the plan are starting to be drafted. She handed out to the managers binders that include the information about the public input process to-date, and she reviewed the binder information with the managers.

Manager Crafton moved to close the workshop. Manager Chadwick seconded the motion. Upon a vote, the motion carried 5-0. President Forster closed the Plan Workshop at 6:36 p.m.

2. Monthly Board Meeting Call to Order

President Forster called to order the Wednesday, April 5, 2017, Board of Managers Monthly Meeting at 7:03 p.m. in the District Office, 18681 Lake Drive East, Chanhassen, MN 55317. He noted that immediately prior to this meeting, the Board had a 10-year plan workshop.

3. Approval of the Agenda

President Forster requested the removal of Agenda item 5 ó public hearing about Bluff Creek Tributary Plan Amendment. He requested moving Consent Agenda item 5c- Approve Permit 2017-008 Prairie Meadows with Recommendations to Action item 11c. President Forster requested removing Consent Agenda item 5f - Accept 2017 Annual Report and adding it as a Discussion item. He requested removing item 11c - Approve Task Order No. 21b ó Bluff Creek Reach BT3A Stabilization Project: Final Design and Construction Administration Services

without the optional task 2-17 and replacing it on the agenda with the item Approve Permit 2017-008 Prairie Meadows. He also requested adding an item under Discussion for staff to report on staff training.

Manager Crafton moved to approve the agenda as amended. Manager Bisek seconded the motion. Upon a vote, the motion carried 5-0.

4. Public Hearing: Change of Business Address

President Forster opened the public hearing on the change of business address for the RPBCWD from 14500 Martin Drive, Eden Prairie to 18681 Lake Drive East, Chanhassen. Attorney Smith stated that this public hearing is an opportunity for any member of the public to comment on the move and that after receiving comments, it is appropriate for the Board to take action to formally order this location as the District's permanent place of business.

President Forster called for comments. Upon hearing none, he requested a motion to close the public hearing. Manager Crafton moved to close the public hearing. Manager Yetka seconded the motion. Upon a vote, the motion carried 5-0.

Manager Chadwick moved to change the RPBCWD's principal place of business to 18681 Lake Drive East, Chanhassen 55317. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

5. Public Hearing: Lake Susan Park Pond and Storm water Reuse

Administrator Bleser said that Engineer Sobiech will present on the project, which is a project that was awarded Clean Water Legacy grant funds.

Engineer Sobiech described the location of the project in the Lake Susan watershed. He provided background on the project. Engineer Sobiech explained that the District completed a Use Attainability Analysis (UAA) update in 2013. He stated that in the update the Lake Susan Park Pond improvements were identified as a potential area to reduce the phosphorous loading to Lake Susan.

Engineer Sobiech talked about further data collected since 2013. He pointed out that the bathymetry of the pond collected by the City of Chanhassen revealed that the actual volume of water in this pond beneath the normal water level was significantly larger than was assumed in the UAA update. Engineer Sobiech explained that there is more volume of water and the pond has a larger treatment capacity than originally assumed. He said that through data collected last year by District staff it was revealed that the water quality in the pond was performing better than what the modeling had indicated. Engineer Sobiech said that data also showed good indication that there is groundwater recharging and feeding into the excavated area, which was an old wetland. Engineer Sobiech discussed fishery data of the basin and announced that staff noticed the presence of carp. He said that one of the District's goals will be to limit carp movement in and out of this basin.

Engineer Sobiech, using PowerPoint slides, went through the Engineer's Report on the Lake Susan Park Pond and Storm water Reuse. He said that five concepts were explored. He went into detail about each of the five concepts and displayed a table that compared elements of the five concepts. Engineer Sobiech stated that the Engineer's recommendation is that the District consider moving forward with option 4a: Pump and Treat with Iron-Enhanced Sand Filter and Storm water Reuse for the ballfield. He said that the estimated project cost is \$480,000 and that this option provides many benefits including Total Phosphorous reduction and volume reduction. He explained that this presentation and the Engineer's recommendation was shared with the Citizens Advisory Committee

(CAC). Engineer Sobiech reported that the CAC was in favor of moving forward with option 4a but to continue pursuing a possible partnership with Emerson as proposed in option 4b.

Administrator Bleser talked further about project funding. She stated that the District received Clean Water grant funds for the project and is in year two of that grant. She said that although the District has not received confirmation from the City of Chanhassen about its financial support of this project, the City has agreed to be a financial partner with the District on this project.

Engineer Sobiech responded to questions. There was a general consensus between the Engineer and the Board that it would be worthwhile for the District to pursue a discussion with Emerson about a potential partnership on the project and the idea of Emerson reusing the storm water for irrigation on its property.

President Forster opened the public hearing for public comments.

Mr. Larry Koch of Bighorn Drive, Chanhassen, asked the Engineer if the modeling shows that taking water out of the basin as proposed would not have adverse effects. Engineer Sobiech said yes. Mr. Koch asked Engineer Sobiech to point out on the map the inputs to the pond, and Engineer Sobiech did so. Mr. Koch said that he cannot see that this project is one to do now for purposes to remove phosphorous when the District has other potential projects that are so much cheaper and have so much more bang for the buck. He said that he cannot see justifying this project especially since for a storm water pond it was very good on the basis of phosphorus. Mr. Koch remarked that the only reason he can see for doing this is trying to eliminate extraction from the aquifer. He suggested the District contact Emerson not only for contribution to this project but in terms of working with the City of Chanhassen to sell Emerson the water. Mr. Koch stated that it seems that the price per gallon of water would be cheaper than it currently costs Emerson. Mr. Koch said that he assumes that the District would be subsidizing the cost because someone will be running the pumps. He commented that he thinks that saving groundwater makes sense.

Engineer Sobiech said that he has not heard of that concept of selling water being applied anywhere and he would need to look into it more.

Administrator Bleser pointed out that the proposed options are about more than just phosphorous and instead have multiple benefits.

Ms. Laurie Susla of Chanhassen said she was curious of whether the figures displayed in the PowerPoint table include or do not include the grant funding. Engineer Sobiech said that the displayed figures are exclusive of the grant funds. She asked for clarification about the pumping portion of the proposed project. Engineer Sobiech responded that an estimate based on the figures displayed in the table is that the pumping portion would cost roughly \$200,000. Ms. Susla commented on the treatment portion of the water reuse system and asked if the pumping would reduce the lifespan of the iron-enhanced sand filter. Engineer Sobiech explained the treatment process and that the UV (ultraviolet) treatment kills the bacteria. He said that the pumping may lead to a need for more frequent maintenance. He said that, for example, perhaps instead of getting 15 years of treatment out of the filter there would be 12 or 10 years. Ms. Susla asked if the pond could handle the larger water usage. Engineer Sobiech responded that the proposed usage is a very small percentage of the overall water flow.

President Forster called for additional comments. Upon hearing none, he called for a motion to close the public hearing.

Manager Crafton moved to close the public hearing. Manager Chadwick seconded the motion. Upon a vote, the motion carried 5-0.

Manager Crafton said she thinks that the District needs to hear about what, if anything, the City of Chanhassen and Emerson would do about 4a and 4b.

Manager Bisek moved to direct staff to pursue securing additional information from the City of Chanhassen regarding its commitment to the project and approaching Emerson about its interest in partnering with the District. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

6. Matters of General Public Interest

President Forster explained the procedure for bringing forward matters of general public interest, and he opened the floor.

Ms. Laurie Susla of Chanhassen stated that she would like to follow up on a letter that the Board members received last week. She said that at its meeting last week, the Lotus Lake Conservation Alliance discussed the current draft date of the District's 10-year plan. Ms. Susla explained that the LLCA thought it was important to weigh in now with comments. She noted that the LLCA's two major concerns are the delay in the alum treatment in Lotus Lake and the need for an emergency response plan regarding Aquatic Invasive Species (AIS) infestation. She asked that the LLCA at least get a response to their comments. Ms. Susla reported that the LLCA feels that it is not wise to wait until 2025 to do the alum treatment on Lotus Lake. She also reported that the LLCA is willing to help organize a meeting of partners to discuss an AIS emergency action plan.

Administrator Bleser explained that the District provides AIS funds to the cities of Eden Prairie and Chanhassen for inspections and that Carver County is getting funds from the state to handle AIS. She said that she communicated to Ms. Susla in an email exchange that if something were to happen in the watershed regarding AIS, the respective city, the District, and the County would all work together as well as the Department of Natural Resources and lake associations. She pointed out that there are different aquatic invasive species in Minnesota waters and they would require different actions and treatments. Administrator Bleser encouraged the LLCA to have this conversation more in depth with Carver County because the County is receiving funds to handle and manage AIS.

Administrator Bleser said that regarding the LLCA's input on the draft 10-year plan she recommends that the Board wait to release the draft plan for comment and receive the comments from all of the stakeholders before taking action or directing staff to change the draft plan's prioritization scheme.

President Forster said that the draft plan is not at the stage of setting dates. He also noted that the City of Eden Prairie received \$28,000 this year from Hennepin County for a cleaning station on Lake Riley. He suggested that the LLCA talk to the City of Chanhassen to see if it can get AIS funds from Carver County.

Manager Bisek asked Administrator Bleser to clarify the timing on the comment period on the draft 10-year plan and when the Board might be ready to respond to the LLCA's comments. Administrator Bleser said that the District anticipates releasing its draft plan in the fall.

Mr. Larry Koch of Bighorn Drive, Chanhassen, said that Ms. Susla is saying that the LLCA hasn't seen an emergency action plan for AIS. He said that he thinks the District should participate in developing an emergency action plan. Mr. Koch said that likely there were lessons learned regarding Christmas Lake that someone should be coordinating. He said that if there isn't an AIS emergency plan out there then the District should develop one or should coordinate the development of one including who to contact and what generally the District would do. Mr. Koch remarked that regarding the draft 10-year plan there is no way the Board can logically justify doing the

projects that are scheduled to be done before the alum treatment on Lotus Lake. Mr. Koch emphatically stated that the alum treatment has been on the books in the Use Attainability Analysis since 2005 and has been recommended. He commented that when he was at the presentation by Wenck Associates for whichever lake the District treated, that Engineer specifically stated that it is not necessary to wait for other projects to be done before doing an alum treatment. Mr. Koch said that the other projects cannot be forgotten or it will reduce the life of the alum treatment. He said that the alum treatment is at \$70 per pound of phosphorous removed.

President Forster stated that Mr. Koch has made his point and has used his three minutes. Mr. Koch thanked the Board.

President Forster called several times for additional comments on matters of public interest.

Manager Chadwick asked that the Board put onto its upcoming agenda next month or the following month a discussion of an AIS emergency action plan as mentioned in the letter from the LLCA and brought up in public comments. He asked that next month's agenda include a discussion about the alum treatment that has been recommended for over 10 years and was in the District's prior 10-year plan and is now being recommended of being put off until 2025, and he would like to discuss moving up the alum treatment on Lotus Lake to as early as possible.

There was a lengthy discussion including Administrator Bleser's clarification that the Lotus Lake alum treatment is not in the District's current 10-year plan so the project is not on the District's timetable and the project is a proposal. She also stated that her understanding from Mr. Bischoff's statements when Wenck presented at a previous Board meeting was that the District can do an alum treatment but still has time to deal with external loads. Administrator Bleser explained that she heard Mr. Bischoff's message to be that the District doesn't need to have all of the external loading managed by the time of the first alum application and the District would have five years after the first application to manage its external load. She also pointed out that although the estimated cost per pound of phosphorous removal through an alum treatment on Lotus Lake seems like a cheaper project, the total cost of the project is not a cheap alternative. Administrator Bleser recommended the District gather comments such as these heard tonight about the alum treatment and handle them together with the comments from the other stakeholders as part of the District's 10-year plan update process.

Administrator Bleser asked for clarification on what the Board would like to have prepared for next month's proposed agenda item about an AIS emergency action plan. There was discussion. The Board directed Administrator Bleser to research what AIS emergency action plans exist and what they include for the Board to discuss at its next meeting.

7. Reading and Approval of Minutes

a. March 1, 2017, RPBCWD Board of Managers Plan Workshop and Monthly Meeting

President Forster requested a correction on page 4 to remove the extra word "who" and an edit on page 10, item 8f to correctly identify the manager who seconded Manager Crafton's motion. Manager Chadwick noted that on page 9 his reference to the City of Waconia should be corrected to reference the City of Victoria.

Manager Crafton moved to accept the minutes as amended. Manager Yetka seconded the motion. Upon a vote, the motion carried 5-0.

8. Consent Agenda

President Forster read aloud the Consent Agenda items: a. Accept Engineerø Report (with attached inspection report); b. Accept Staff Report; d. Authorize bid solicitation for the Chanhassen High School Reuse System; e. Approve Permit 2017-007 Cedarcrest Stables Review Timeline Extension; g. Approve Hire of Permitting and Natural Resource Project Manager.

Manager Crafton moved to approve the Consent Agenda as read. Manager Bisek seconded the motion. Upon a vote, the motion carried 5-0.

9. Citizen Advisory Committee (CAC)

Ms. Dorothy Pedersen thanked staff and the Board for allowing the CAC to see items before they come in front of the Board and thanked staff for making a requested change to the Districtø website. She summarized the CACø discussion about and progress on establishing subcommittees. Ms. Pedersen noted that the CAC discussed climate change and raised the question on whether the Board would want to participate in a presentation by Fred Rozumalski of Barr Engineering Company about climate change. Manager Yetka said that she thinks it is a great idea for the CAC to have Mr. Rozumalski present and to invite the Board. President Forster suggested inviting a bigger audience such as interested members of the public.

10. Action Items

a. Approve Paying of the Bills

Manager Crafton described the process undertaken to review the bills. She moved to pay the bills as outlined in the Treasurerø Report. Manager Yetka seconded the motion. Upon a vote, the motion carried 5-0.

b. Accept the February Treasurer's Report

Manager Crafton moved to accept the Treasurerø Report as submitted. She talked about a few revenue and income items and highlighted a few items from the report. Manager Bisek seconded the motion to accept the Treasurerø Report. Upon a vote, the motion carried 5-0.

c. Permit 2017-008 Prairie Meadows with Recommendations

Engineer Sobiech pointed out a change on the permit application compared to the application information provided in the packet. He said that the listed primary applicant now is Prairie Meadows Limited Partnership. He noted that he also updated the review report on page 5 under the water quality portion of the analysis. Engineer Sobiech explained that he added another row to the summary table to show what the water quality treatment would be for the entire site. He said that he also added information to clarify that the applicant is meeting the requirement to the two different downstream receiving waters as well.

Engineer Sobiech summarized the Engineerø review of the permit application and listed the Engineerø recommended conditions. He said that the Engineer recommends approval of the permit with the conditions as listed. Manager Yetka moved to approve permit 2017-008 with the Engineerø conditions. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

11. Discussion Items

a. Staff Training

Administrator Bleser reported that three District staff members recently attended training opportunities. Mr. Dickhausen talked about the Lake Service Provider Training that he attended. He announced that the District successfully achieved its Lake Service Provider permit through December 31, 2019.

Ms. Jordan reported on her continuing education training at the workshop "Institute for Non-formal Climate Change Education."

Administrator Bleser talked about the workshop she attended: the "Harmful Algal Bloom" workshop hosted by the University of Minnesota and the Science Museum of Minnesota.

Administrator Bleser also updated the Board on the District's recent landscaper workshop.

b. Upcoming Meetings

President Forster read through the upcoming events as listed on the meeting agenda and noted that the April 17th CAC meeting will start at 6:30 p.m.

c. Annual Report

The managers agreed to provide comments to staff.

12. Upcoming Events

- Citizen Advisory Committee, April 17, 2017, 6:30 p.m., District Office, 18681 Lake Drive East, Chanhassen
- Builder's Workshop, April 26, 2017, 9:00 a.m. to 11:00 a.m., District Office, 18681 Lake Drive East, Chanhassen
- District Board Workshop and Monthly Meeting, Wednesday, May 3, 2017, 5:30 p.m., District Office, 18681 Lake Drive East, Chanhassen

11. Adjourn

Manager Crafton moved to adjourn the meeting of the Board of Managers. Manager Yetka seconded the motion. Upon a vote, the motion carried 5-0. The meeting adjourned at 8:53 p.m.

Respectfully submitted,

Mary Bisek, Secretary