

Riley-Purgatory-Bluff Creek Watershed District
Board of Managers Workshop and Regular Meeting

Wednesday, January 3, 2018
6:00 Board Workshop
7:00pm Regular Board Meeting
DISTRICT OFFICE
18681 Lake Drive East
Chanhassen

Agenda

1. Call to Order
2. **6:00pm Board Workshop: Rules and Wetland Protection**
3. **7:00pm Approval of the Agenda** (Additions/Corrections/Deletion) **Action**
4. Matters of general public interest **Information**

Welcome to the Board Meeting. Anyone may address the Board on any matter of interest in the watershed. Speakers will be acknowledged by the President; please come to the podium, state your name and address for the record. Please limit your comments to no more than three minutes. Additional comments may be submitted in writing. Generally, the Board of Managers will not take official action on items discussed at this time, but may refer the matter to staff for a future report or direct that the matter be scheduled on a future agenda.

5. **Reading and approval of minutes** **Action**
Board of Manager Meeting, December 6, 2017
6. **2018 Organizational Actions**
 - a. Election of Officers
 - b. Designation of Official Publication
 - c. Appointment of the Technical Advisory Committee
 - d. 2018 Meeting Calendar
 - e. Designation of Bank
 - f. Designation of depository for permit financial assurances

7. **Consent Agenda**
(The consent agenda is considered as one item of business. It consists of routine administrative items or items not requiring discussion. Any manager may remove an item from the consent agenda for action.)

- a. Accept Staff Report
- b. Accept Engineer's Report (with attached Inspection Report)
- c. Approve Task Order 6e: 2018 Watershed Outlet Monitoring Program Station Servicing

8. Citizen Advisory Committee

Information

9. Action Items

Action

- a. Accept November Treasurer's Report
- b. Approve Paying of the Bills
- c. Update on Avienda Wetland Conservation Act Application and seek Board Direction on next Steps

10. Discussion Items

Information

- a. Upcoming Meeting

11. Upcoming Events

Information

- Citizen Advisory Committee monthly meeting & annual orientation, January 22, 5:30 pm, 18681 Lake Drive East, Chanhassen. Orientation begins at 5:30 pm, regular meeting to follow after.
- Board Workshop on 10-Year Plan, February 7th, 5:30 pm, 18681 Lake Drive East, Chanhassen
- Board Meet & Greet, February 7th, 6:30 pm, 18681 Lake Drive East, Chanhassen
- Regular Board Meeting, February 7th, 7:00 pm, 18681 Lake Drive East, Chanhassen

MEETING MINUTES

Riley-Purgatory-Bluff Creek Watershed District

December 6, 2017, Board of Managers Monthly Meeting

PRESENT:

Managers: Richard Chadwick, Secretary

Jill Crafton, Treasurer

Dorothy Pedersen, Vice President

Dick Ward

Leslie Yetka, President

Staff: Claire Bleser, District Administrator

Jessica Henderson, RPBCWD Intern

Terry Jeffery, Project and Permit Coordinator

Michelle Jordan, Community Outreach Coordinator

Louis Smith, Attorney (Smith Partners)

Scott Sobiech, Engineer (Barr Engineering Company)

Other attendees: Paul Bulger, CAC, Eden Prairie Resident Sharon McCotter, CAC

Larry Koch, Chanhassen Resident Bill Satterness, Eden Prairie Resident

Bryan Maloney, Chanhassen Resident, LRIA Laurie Susla, LLCA President
Vice President

1. Call to Order

President Yetka called to order the Wednesday, December 6, 2017, Board of Managers Monthly Meeting at 7:05 p.m. in the District Office, 18681 Lake Drive East, Chanhassen, MN 55317.

2. Approval of the Agenda

Administrator Bleser requested the addition of an action item to consider the District subleasing office space to the Minnesota Association of Watershed Districts for its Executive Director. President Yetka added it as item 7i. Mr. Jeffery requested moving Consent Agenda item c – Permit 2015-2010 Approve Letter of Credit Reduction – Children’s Learning Center – off the Consent Agenda and on to the agenda as an action item. President Yetka added it as item 7j. Manager Ward moved to approve the agenda as amended. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

3. Matters of General Public Interest

President Yetka read aloud the procedures for this portion of the meeting and opened the floor for matters of general public interest.

Mr. Bill Satterness, Eden Prairie resident, read aloud his prepared comments on the District’s draft 10-year plan. He noted the six goals identified in the plan and remarked that the public input process identified 13 goals. Mr.

Satterness suggested ways the plan could be restructured. He pointed out that only half of the District's budget is being spent on long-term projects. Mr. Satterness said that five years ago the District operated with half of its current budget and the District's legal counsel performed the roles of legal counsel, administrator, and recorder. He pointed out that the District's draft 10-year plan avoids discussion of the cities' storm water systems. Mr. Satterness stated that there is considerable room for improvement with the draft plan.

Mr. Larry Koch, Chanhassen resident, asked why the monthly financial report was not posted online with the meeting materials. Administrator Bleser responded that the report was delayed. Mr. Koch noted that the District's Governance Manual calls for delineating restricted and unrestricted cash expenditures but this information is not reflected in the District's financial reporting. He asked that the District consider revising its financial statement template and presentations in order to comply with the District's Governance Manual. Mr. Koch stated that he doesn't understand the request for \$18,000 for the Chanhassen High School reuse project because he couldn't work out the numbers. He said he would appreciate an explanation about the request.

Ms. Laurie Susla, Chanhassen resident, asked the Board to consider not raising the levy for 2018, and she pointed out that the District received its second-half 2017 levy distribution this month and has more than five million dollars in the bank. She said she thinks that raising the levy is irresponsible. Ms. Susla asked when the rules update will be on the Board's agenda. Mr. Jeffery responded January.

Mr. Paul Bulger, Eden Prairie resident and CAC member, commented that the staff report includes mention of additional staff and he recommends the Board involves the CAC in any effort regarding staff restructuring.

President Yetka thanked everyone for their comments and asked that people also submit their comments about the draft 10-year plan online.

Administrator Bleser responded to questions and comments raised in the Matters of Public Interest.

4. Reading and Approval of Minutes

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

Manager Crafton requested changing the word "that" to "the" in the second paragraph of page 1 and changing the word "providing" to "provide" in the second paragraph on page 2. She also requested correcting the run-on sentence on page 5 under item 9d. President Yetka requested the addition of the language, "by including the LSWMP," to item 9c on page 5. Ms. Susla noted a correction to her comments on page 3, item 4, to state "2018 levy" instead of "2018 budget." Attorney Smith requested replacing the word "remove" with "address" on page 2 under item 1b.

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

5. Consent Agenda

President Yetka read aloud the Consent Agenda noting that the Consent Agenda no longer includes item c - Permit 2015-2010 Approve Letter of Credit Reduction – Children's Learning Center - and includes approval of the staff report excluding the portion regarding that permit. Manager Pedersen moved to approve the Consent Agenda as amended. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

6. Citizen Advisory Committee (CAC)

Ms. McCotter, CAC member, thanked the Board for inviting the CAC to the annual MAWD conference held last

week. She stated that the CAC is preparing a report on the CAC's take-aways from the conference. She summarized that the CAC supports the District revisiting its rules about lake buffers and chloride reform and that overall the CAC supports the direction of the 2017-2018 recommended rules updates. She noted that the CAC discussed its bylaws and would like to change them to reflect that the CAC plans to change its meeting start time from 6:30 p.m. to 6 p.m. Ms. McCotter said that the CAC would like to know and have documented the procedure it undertakes to change its bylaws.

Attorney Smith responded that the change in meeting time doesn't require a change to the CAC's bylaws. He explained that typically bylaws state at the end of the document the process for changing bylaws. Attorney Smith noted that the Board's bylaws do include such language and the CAC can review that language.

7. Action Items

a. **Accept October Treasurer's Report**

Manager Crafton requested the Board defer this agenda item because by the time staff received the report after returning from the annual MAWD meeting there was limited time to review the report. She said that staff did review expenses and the bills can be paid. President Yetka said that the October Treasurer's Report will be deferred until next month's Board meeting.

b. **Approve Paying of Bills**

Manager Crafton moved to pay the bills. Manager Ward seconded the motion. Upon a vote, the motion carried 5-0.

c. **Avenida Wetland Conservation Act Application Comment Letter**

Mr. Jeffery summarized the Wetland Conservation Act (WCA) and the WCA review process in relation to the Local Governmental Units' review process regarding wetland credits. He went into extensive detail about the proposed Avenida development design and the 10 wetlands on the property. Mr. Jeffery went through the design iterations and wetland sequencing. He pointed out that the property owner and developer propose to buy wetland credits in Blue Earth and Rice counties. Mr. Jeffery explained that only the Rice County wetlands drain into the Minnesota River Watershed, which is the watershed that the Riley Purgatory Bluff Creek Watershed drains into also. Mr. Jeffery announced that the City of Chanhassen is seeking comments regarding this proposal to buy wetland credits in Blue Earth and Rice counties. He added that the draft letter in front of the Board contains staff's recommended comments. Mr. Jeffery pointed out that the City will be making a decision on this issue on December 18th. There was a lengthy discussion between the Board members and staff.

President Yetka read aloud the points made in the staff's draft comment letter to the City of Chanhassen. Manager Pedersen moved to approve staff sending the letter to the City of Chanhassen. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

Attorney Smith commented that the discussion of this item highlights District staff's interest in cooperative efforts to plan for land use. He said that this point doesn't necessarily need to be included in this letter to the City but that the District could express in verbal comments to the City on December 18 the District's genuine interest in being involved in land-use planning for this site and others regarding water resources planning.

d. **Award Scenic Heights School Forest Project and Enter into Cooperative Agreement with Minnetonka Public School District**

Administrator Bleser noted that the Minnetonka School District plans to take action on the Cooperative

Agreement and Maintenance Agreement at its meeting tomorrow and so this Board needs to take action on these tonight.

Attorney Smith went through the Cooperative Agreement and the Maintenance Agreement with the Board, noting that the Agreement spells out the responsibilities of each party. He listed the responsibilities of each party. Attorney Smith explained staff's recommendation that the Board authorize the RPBCWD Board President to sign the Cooperative and Maintenance Agreements, conditional on the correction the exhibit on buffer maintenance. He said the staff's second recommendation for action is to issue the notice of the award of contract, contingent on the Minnetonka School District executing the Cooperative Agreement and Maintenance Agreement, which specifically includes the buffer reporting requirement. He said staff recommends also that the District receives confirmation from the Minnetonka School District that it has looked at the project plans and has signed off on them.

Manager Pedersen moved to authorize the Board President to sign the agreements with the condition that of the correction of the buffer maintenance terms to include reporting pursuant to the conditions for the permit. Manager Ward seconded the motion. Upon a vote, the motion carried 5-0.

Engineer Sobiech summarized the bids received. He noted that one qualified party submitted a bid and that the bid came in under the Engineer's cost estimate. He recommended that the District accept the bid. Attorney Smith noted the two conditions with this action:

1. The Minnetonka School District approves the Cooperative and Maintenance agreements;
2. The RPBCWD receives written confirmation of the school district's approval of the project design.

Manager Chadwick described his concerns with the forest restoration aspect of this project. He said that he believes the school district should contribute a larger portion of the project funding. Manager Pedersen moved to accept the bid with the conditions as described by Attorney Smith. Manager Crafton seconded the motion. Upon a vote, the motion carried 4-1 (Manager Chadwick voted against.)

e. CAC Application Update

Ms. Jordan summarized the CAC application process and stated that all eight of the current CAC members re-applied and two new applications were received. She pointed out that copies of the applications were included in the meeting packet. Ms. Jordan explained that the Board could take action to appoint CAC members tonight or could wait until January. She also said that the Board could choose to keep the CAC application process open for an extended period of time if it would like to solicit more applications in order to reach a 12-member CAC.

Manager Ward moved to appoint to the CAC the 10 applicants and to leave the process open so the Board could appoint additional members in January to bring the number up to 12. Manager Crafton seconded the motion. Manager Chadwick commented that he thinks the CAC could be a larger committee than 12 members and could broaden beyond education and recreation. He agreed that the nomination process should remain open. Upon a vote, the motion carried 5-0.

Ms. Jordan said that should would notify the District's contacts to let them know that there are two open positions on the CAC and to tell them of the extended deadline for applying. There was discussion about when the CAC should meet, and Ms. Jordan said she would work on scheduling a Board and CAC meeting and greet.

f. Hire of Outreach and Office Assistant

Administrator Bleser described the District's office and outreach needs and summarized the description of

the proposed Outreach and Office Assistant position, the proposed salary range, and the benefits. She recommended that the District fund the position by taking funds from Education and Outreach budget and some from reserve funds. Administrator Bleser said she can come back to the Board in January with full details about the funding. She recommended that the District post the open position.

Manager Chadwick commented that he thinks the District does need clerical help but he doesn't think the District needs a deputy administrator. He said he thinks a starting salary of \$20,000 to \$25,000 would be appropriate and that the position should not handle the broader responsibilities already being handled by current staff. Manager Chadwick said he is opposed to increasing administrative costs.

Manager Ward moved to direct Administrator Bleser to post the position with the salary range listed in the position description. Manager Crafton seconded the motion. Upon a vote, the motion carried 4-1 [Manager Chadwick voted against].

g. 2018 Levy

Attorney Smith stated that the Board only needs to take action if it is reducing its levy; otherwise the Board's action previously taken on the levy stands.

h. Chanhassen High School Additional Funding Request – Budget Adjustment

Engineer Sobiech reported that the bids for the Chanhassen High School storm water reuse project came in higher than estimated. He explained that the reasons for this are because the school wants a full building to house equipment and because the vendor that supplied information to the contractors bidding supplied erroneous information, which included a different reuse system than the one included in the design documents and which has a higher cost.

Engineer Sobiech stated that staff would like to rebid the project and is asking the Board to do a project adjustment of \$18,000, which will be used to continue to provide the onsite construction management, rebid the project, and update the construction documents including plans and specifications. He explained that \$14,388 remains in the project budget and staff estimates that \$32,400 is needed, so staff is requesting \$18,000 in additional funding.

Manager Crafton moved to approve transferring \$18,000 from District reserve funds to the Chanhassen High School storm water reuse project. Manager Pedersen seconded the motion. Upon a vote, the motion carried 5-0.

i. Subleasing Office Space to MAWD

Administrator Bleser explained that the Minnesota Association of Watershed Districts (MAWD) would like to lease office space at the District's office for the MAWD Executive Director starting January 1, 2018, through August 31, 2018, with an option to lease month-to-month after August 31.

Attorney Smith noted for the record that Smith Partners represents both MAWD and the RPBCWD. He shared his opinion about the language that the District could use in notifying the District's landlord about the proposed sublease of office space.

Manager Ward moved that the District enter into a sublease agreement with MAWD for the office space for the MAWD Executive Director from January 1, 2018, through August 31, 2018, with an option to sublease month-to-month following August 31, with 30-day notice. Manager Crafton seconded the motion. Upon a vote, the motion carried 5-0.

j. Permit 2015-2010: Letter of Credit Reduction –Children's Learning Center

Mr. Jeffery explained to the Board that the Children's Learning Center has requested a letter of credit

reduction for the site. He noted that the Center has installed and constructed all of the Best Management Practices as required through its permit but two of the infiltration basins are not infiltrating and instead are holding water. Mr. Jeffery explained that Children's Learning Center requested a reduction in everything except for the buffer and the infiltration. Mr. Jeffery pointed out that the permit is expired and so the Children's Learning Center will need to present to the District the storm water management plan for the property.

The Board discussed the issue and decided to take no action at this time.

8. Discussion Items

a. Upcoming Meetings

President Yetka noted the upcoming meetings including the Community Celebration on December 14, the CAC meeting on December 11 at 6:00 p.m., and the January 6th 6:00 p.m. Board workshop on the rules updates and 7:00 p.m. monthly Board meeting.

9. Upcoming Events

- Community Celebration of Volunteers and Friends, December 14, 6:30 p.m., Bent Creek Golf Course
- CAC Monthly Meeting, Monday, December 11, 6:00 p.m., District Office, 18681 Lake Drive East, Chanhassen
- Board of Managers Workshop and Regular Monthly Meeting, Wednesday, January 6, 6:00 p.m., District Office, 18681 Lake Drive East, Chanhassen

10. Closed Session: Review of Professional Services - Accounting

It was moved by Manager Ward, seconded by Manager Crafton, to move into closed session for purpose of discussing a performance evaluation of the firm provided the District with accounting services. Upon a vote, the motion carried, 5-0, whereupon the Board of Managers went into closed session at 9:17 p.m.

The Board of Managers returned to open session at 9:55 p.m.

It was moved by Manager Pedersen, seconded by Manager Ward, to authorize the Administrator to retain Redpath & Company to provide transitional accounting services to the District. Upon a vote, the motion carried, 5-0.

It was moved by Manager Ward, seconded by Manager Pedersen, to authorize the Administrator to conduct further inquiry on payroll services terms with Redpath & Company and ASP and to retain one of these firms for payroll services effective January 1, 2018. Upon a vote, the motion carried 5-0.

11. Adjourn

It was moved by Manager Ward, seconded by Manager Crafton to adjourn the meeting at 9:58 p.m. Upon a vote, the motion carried, 5-0.

Respectfully submitted,

Richard Chadwick, Secretary

2018 Organizational Actions

ELECTION OF OFFICERS

President
Vice-President
Treasurer
Secretary

Personnel and Governance Committee (2 members)

OFFICIAL PUBLICATIONS

Sun Sailor Minnesota Sun Publications 10917 Valley View Rd. Eden Prairie, MN 55344 (952) 829-0797	Deephaven, Minnetonka, Shorewood
Sun Current Minnesota Sun Publications 10917 Valley View Rd. Eden Prairie, MN 55344 (952) 829-0797	Bloomington
Chaska Herald Southwest Suburban Publishing Company P.O. Box 8 Shakopee, MN 55379 (952) 445-3333	Chaska
Chanhassen Villager Southwest Suburban Publishing Company P.O. Box 8 Shakopee, MN 55379 (952) 445-3333	Chanhassen

Eden Prairie News
Southwest Suburban Eden Prairie
Publishing Company
P.O. Box 8
Shakopee, MN 55379
(952) 445-3333

TECHNICAL ADVISORY COMMITTEE

Name and Office	Organization
Matt Clark	City of Chaska
Robert Bean Jr	City of Deephaven
Leslie Stovring/Dave Modrow	City of Eden Prairie
Tom Dietrich	City of Minnetonka
Steve Segar	City of Bloomington
Vanessa Strong	City of Chanhassen
Allison Fauske	City of Shorewood
Karen Galles	Hennepin County
Paul Moline	Carver County
Mellissa Jenny	US Army Corps of Engineers
Kate Drewry	DNR – Hennepin County
Jenny Skancke	DNR – Carver County
Mike Wanous	Carver County Soil and Water Conservation District
Steve Christopher	BSWR
Joe Mulcahy	Metropolitan Council
Linda Loomis	Lower Minnesota River Watershed District
Chris Zadak	Minnesota Pollution Control Agency

2018 Meeting Calendar

February 7 (start at 5:30pm [Board Workshop] with regular meeting following at 7:00pm)

March 7 (start at 5:30pm [Board Workshop] with regular meeting following at 7:00pm)

April 4 (regular meeting following at 7:00pm)

May 2 Board Meeting 7:00pm

June 6 Board Meeting 7:00pm

June 20-21 – Summer MAWD tour

July ???? Board Meeting 7:00pm

August 1 Board Meeting 5:00pm [Budget Workshop] with regular meeting following at 7:00pm

September 5 Budget Public Hearing and Board Meeting 7:00pm

October 3 Board Meeting 7:00pm

November 7 Board Meeting 7:00pm

November 28-Dec1 MAWD Annual Meeting

December 5 Board Meeting 7:00pm

OFFICIAL BANK

Klein Bank
600 West 78th Street
Chanhassen, Minnesota 55317
(952) 937-2265

Wells Fargo
7900 Xerxes Ave S
Bloomington, MN 55431
(888) 362-5366

OFFICIAL Depository for Permit Financial Assurances

Smith Partners LLC

RPBCWD Staff Report

January 3, 2018



Purgatory Creek Restoration at County Road 101

Administrative

10-Year Plan

Timeline

November 15 – release of the plan out for comments done

December 6 – 6:00pm Informational session done

January 15 – end of written comment period

February 7 - response to comments to board for approval (we need 10 days in between response and public hearing)

March 7 – Public Hearing

April 4 – release for 90 day

Administration

Administrator Bleser has been working with Accounting. We will be transitioning to a new payroll system in January.

Aquatic Invasive Species

Upcoming conferences:

Aquatic Invaders Summit III: An Exploration of Local Collaboration, Innovation and Opportunity

Feb 28-Mar 1, 2018 | Earle Brown Heritage Center | 6155 Earle Brown Dr. | Minneapolis, MN

If you are interested in attending, please let Claire know.

Upper Midwest Invasive Species Conference (Request for abstract coming up in January)

October 15-18 | Mayo Civic Center | Rochester, MN

Budget

No changes

Data Requests and research extensions

A resident from Eden Prairie requested and was sent water quality and fish data for Purgatory Creek Recreational Area and Staring Lake.

PLM requested information on our herbicide treatment and will be presenting at the Aquatic Invaders Summit (we will review the ppt prior to presenting).

Dr John Gulliver from the Saint Anthony Laboratory asked if he could use our stormwater data and build on the work the District has done. We are working with Dr Gulliver on a grant proposal as well as a research proposal that would expand the grant further to including more sites to the Minnesota Stormwater Research Council with the University of Minnesota. The grant and research proposal would address three elements:

1. Building the data to have a sample size big enough to confirm findings
2. Develop a quick assessment tool for watershed districts/cities to be able to use to identify “loading” ponds. The U of M is using some of parameters we and our partners (cities) collected as part of our stormwater pond research and digging deeper using their technical expertise.
3. Identify and implement solutions to reduce phosphorus.

The University of Minnesota Extension will be offering a course on lake management and are interested in utilizing our management approach as a highlight in their workshop.

Grants

The fish passage grant is now closed and final reimbursement is being processed this month. Staff is working on closing two other grants (MPCA: Community Resiliency and Chanhassen Town Center).

MAWD

The District has been preparing the office for the Executive Director who will be joining us in January. We are also setting up office for the potential new hire as well as our interns.

Permitting

No permits were issued administratively in October. There have been preliminary inquiries and requests for comments. Most notably Avienda proposed for the southwest corner of Lyman Boulevard and Powers Boulevard in Chanhassen

“Avienda in Chanhassen is proceeding through the Wetland Conservation Act process with their application for Sequencing Determination and Application for Replacement Plan. The development plan calls for 100% impact to eight (8) wetlands totaling 4.59 acres. The applicant is arguing that in order for the development to meet the City’s guidance for a “regional lifestyle center”, they must fill these wetlands.” Staff report from December

Follow up:

The City of Council of Chanhassen met on December 18th and approved the sequence flexibility request for all wetlands on site and approved the replacement plan. Notice of decision was received on December 22, 2018.

Citizens Advisory Committee

November meeting

The Citizens Advisory Committee met Monday, December 11th, for their regular monthly meeting. The presentation was on the proposed District rule changes. Minutes are included in the board packet.

2018 Appointments

Emails and letters were sent to the CAC applicants who were appointed by the board at their December 6th meeting. There will be an orientation for new members Jan 22, 5:30 pm. There will be a meet and greet with the board before the February board meeting.

As directed by the board, staff reposted openings for the CAC, including sending a news release to local papers and partner organizations. The deadline is Jan 26. If additional members are appointed by the board, they will also receive an orientation to the committee.

Communication

Chlorides

Rodger Hankey reported an over salting issue on 12-15-2017 at about 9:42 AM for a building managed by CBRE. Anchor Bank is one of the large tenants. He reported the issue after attending the 9 mile creek salt training. District staff addressed the complaint and will submit educational materials on proper salting methods and quantity to the building manager

(Photo credit: Roger Hankey, HankeyandBrown.com).



Technical Advisory Committee

No updates.

Programs and Projects

District-Wide

Cost-share program

The 2017 program is being summarized for the annual report.

MPCA Community Resiliency Grant

Staff is working on compiling final report.

Rules Update

Based upon information provided at the last meeting and a brief review of available vacant land and potential development scenarios Staff Jeffery, Engineer Sobiech, and District Counsel Welch are evaluating potential modifications to the proposed rule changes. This is expected to delay the scheduled rules release for public comment. The areas being considered for potential modification include wetland protection and non-degradation of downstream resources resulting from flow conditions.

Staff Jeffery presented to the Citizen Advisory Committee (CAC) on Monday, November 20, 2017. CAC minutes are included in your packet. The CAC was generally supportive of the efforts. They did indicate a desire to see further exploration of expanded buffer requirements as well as chloride management requirements.

In general, the schedule for the rules update is as follows:

January 2018	Convene Technical Advisory Committee to discuss non-degradation and wetland protection.
February 7, 2018	Present TAC minutes and suggested modifications to the Board.
March 7, 2018	Present final version of draft rules to Board of Managers and request authorization of release for 60 day agency review.
May 2018	Adopt rule revisions. Set date for new rules to go into effect. (Note the 60 day review period ends after regularly scheduled board meeting.)

Total Maximum Daily Load

Administrator Bleser took part in a meeting on December 12th hosted by the MPCA to discuss the Lower MN River WRAPS. The meeting focused on the Nine Mile Creek Watershed and the

e-coli impairments for both Riley and Purgatory Creeks. Overall % reduction that would be needed for both creeks is 74% and 68% for Riley and Purgatory Creeks respectively.

A few studies have identified sources of e-coli.

E-coli sources:

1. Birds
2. Dog waste (could be a minor source)
3. Grassy areas
4. In-stream sediments
5. Soil in streambanks and riparian areas
6. Soil and organic debris in streets. Dirty streets= large concentration of E-coli
7. Discharge effluents from stormwater facilities directly into water bodies.
8. Over-irrigation is a pathway transporting e-coli into streamway.

Data Collection (J. Maxwell)

Rice Marsh Aeration

An aeration permit was approved early this month and notices were published in the Eden Prairie and Chanhassen newspapers. The aeration unit has been pulsed and we are waiting for sufficient ice to place thin ice signs and turn on the unit.

Summer Field Season

Lake level sensors and auto sampling stations were pulled in November and early December. Level sensors were sent in for yearly evaluation and maintenance and the data was submitted to the MNDNR. The spent lime treatment system monitoring equipment velocity sensor will be sent in for evaluation as some numbers were questionable. The electrofishing motor was sent in for a tune up and winterization. Staff has begun compiling data to begin drafting the annual report. Zooplankton processing is nearly complete.

Carp Management

The barrier was pulled in early December. Carp management data is being compiled and analyzed for both the District annual report and for the required reporting to the DNR.

During the end of October, staff tagged 11 common carp in Staring Lake and two common carp were tagged and released in both the Upper and Lower Purgatory Creek Recreational Area. Staff will track carp and most likely hire commercial fisherman to remove fish.

Creek Restoration Action Strategy

Staff Maxwell was accepted to present the CRAS at the 2018 Upper Midwest Stream Resources Symposium in Dubuque, Iowa. The presentation was placed in the session titled Tools and Techniques in Stream Restoration, beginning Monday afternoon at 3:30 pm on February 26th.

Creek walks were completed on Purgatory Creek (Lotus Ravine 2 - Powers Boulevard to Lotus Lake) and Riley Creek (R3 - Rice Marsh Lake to Lake Riley). Upon updating these stream sections, staff will have completed nearly all of the major data gaps that remained in the CRAS. The results are being summarized and will be posted in the annual report. Staff will be replacing

“lost” bank pins at our regular stream monitoring sites with an additional placement of pins on the southside of Silver Lake to assess erosion rates.

Barr Engineering and District staff completed an updated edition of the CRAS in June (located on website) and have been working on a future publication for a professional journal. Additionally, staff have been working on a final creek walk summary book to have on hand to easily reference stream section data.

University of Minnesota Grant

20 December 2017

Ray Newman, University of Minnesota

Riley Purgatory Bluff Creek Watershed District (RPBCWD) Aquatic Plant progress report for December 2017.

Turion viability analysis was completed for all lakes. Turion densities were low, ranging from 1/m² in Staring (100% viable), 3/m² in Riley (100% viable) to 13/m² in Mitchell (50% viable) and 18/m² (94% viable) in Susan. The herbicide treatments have been effective at preventing turion development and reducing sediment turion stocks. Josh Knopik’s manuscript on transplanting native plants to Lake Susan was revised and resubmitted to Lake and Reservoir Management.

Plans for the rest of December include completing data analysis and work on the final report, as well as developing plans for future research.

WOMP Station - Metropolitan Council

Staff visited the WOMP stations twice this month. Data collected on Purgatory and Riley Creek in 2017 was submitted to Metropolitan Council.

Volunteering

The first-ever volunteer celebration was held on December 14th. It was an enjoyable and successful event, with around 60 people in attendance. Many of the district’s volunteers, including Master Water Stewards, CAC members, Adopt a Dock volunteers, and service learners were able to attend, and we were able to thank them for all of the important work they do. Two past managers were also in attendance and recognized for their years of service.

Although their hours are completed, some of the service learners have expressed a desire to continue volunteering with the district as needed. Staff will be attending a volunteer management training January 25-26th. This training is timely, as the district’s volunteer program has grown substantially in the last few years. The training will help it to develop and strengthen.

Education and Outreach (M. Jordan)

Adopt a Dock Program

Many Adopt a Dock volunteers were able to attend the volunteer celebration. In late winter, staff will reach out to each to see if they are interested in volunteering again next year.

Annual Communication

The annual communication was distributed at MAWD, mailed out to local leaders, officials, and partners, and dropped off at local gathering places (city centers, libraries, and community centers). If you would like copies, please let staff know and we will provide them for you.

E&O Plan

Staff Jordan presented on the development of the draft Education & Outreach Plan at the annual Minnesota Association of Watershed Districts meeting. Several people reached out after the presentation with questions and for more information.

Year end gathering and volunteer celebration

The year-end gathering on December 14th turned out very successful, and enjoyable. Around 60 volunteers, community members, partners, board and staff attended. Staff received positive feedback from many attendees and will look into potentially making this an annual event.



Lakes and Creeks Water Quality Report

Fact sheets are being updated and the report is being drafted.

Master Water Stewards Program

The 2017 program is being summarized for the annual report.

Website & Newsletter

Staff continue to work in the website update. The next newsletter will be going out in early January.

Winter & Turf Maintenance Training

The district is partnering with Nine Mile Creek Watershed District on January 9th for a presentation. We will be attending a state meeting of the Minnesota Educational Facilities Management Professionals Association, and presenting to K12 facility directors, maintenance and custodial staff about managing snow and ice. The focus will be on the environmental

impacts of using salt to melt ice, practical steps to help, and resources for more training and education.

Bluff Creek One Water

Chanhassen High School

Staff and Engineer have been working on updating the plans based upon comments from the value added engineering meeting held late this summer and comments received from the School District. The value added engineering meeting indicated that the building may be a potential area for cost savings. The school district staff would prefer a site specific building, designed and engineered to provide multiple uses. Staff prefers the Rain Bird prefabricated building shown here.

Bluff Creek Tributary Restoration

Staff continues to work on final plan set.

Riley Creek One Water

Lake Susan Park Pond

Design engineer Katie Wolohan of Barr presented to the Chanhassen Parks Commission on November 28. The plans were met positively by the commission. Comments from that meeting and prior meeting were incorporated into the plans. Staff Jeffery, Engineer Sobiech and design engineer Wolohan met with Todd Hoffman, Adam Beers, Kevin Crooks, and Vanessa Strong from the City of Chanhassen to discuss updated plans. Site layout, building configuration and exterior treatment, connection of water supply were agreed to by all present. Plans are being finalized for authorization for bid solicitation.

Riley Creek

Administrator Bleser and Engineer Sobiech and Design Engineer Weiss walked with Eden Prairie Staff our Riley Creek restoration sites on December 12th. Throughout the walk, we discussed restoration measures and limitations. We also discussed potential areas for placement of the city's pedestrian bridge linking the neighborhood to the east to the nature trail to the west.



The picture on the right has two bank pins located on the bottom right in the failing bank. You can see how much soil has been lost between the red dot out and the soil.

Design Engineer Weiss met with a contractor to discuss potential concerns with site access and dewatering. The meeting clarified what routes could be viable ingress/egress locations. It also provided insight into how the contractor would prefer to approach dewatering in segments a couple hundred feet in length at a time. This meeting will provide valuable insight when preparing the bid documents.

Lake Riley CLP Treatment

No new updates.

Lake Riley Water Quality Project (Alum)

No new updates.

Lake Susan CLP Treatment

No new updates.



Purgatory Creek One Water

Fire Station 2

All external system components including the tanks and pump system have been installed except for gutters.

Gutters are on order and will need to wait until spring for installation.

Internal and external electrical has been roughed in but not connected.

Internal plumbing has been installed.

The outside bench, bike rack and trash receptacle have been ordered and will be installed in January.

Final touches to the system and commissioning/testing will occur in the spring – probably April.



Purgatory Recreational Area Berm

No new updates.

Purgatory Creek at 101

Signage was placed on site to discourage residents/visitors to walk along the creek - there are no official trails near the restoration. However, individuals were utilizing area and created a little trail.

Mitchell Lake Plant Management

No new updates

Red Rock Lake Plant Management

No new updates

Scenic Heights School Forest

Cooperative agreements have been fully executed and project was ordered. Engineering is setting up a schedule with the contractor.

Staring Lake Plant Management

No new updates.

Professional Workgroups and Continuing Education

Twin Cities Water Monitoring and Data Assessment Group

Staff Maxwell and Dickhausen attended the Metropolitan Council meeting held on December 6th. Many watershed districts attended and presented on what they do, why they do it, and what challenges/problems they face. Staff Maxwell presented at the meeting. METC staff will summarize results which will guide future workshops.



Memorandum

To: Riley-Purgatory-Bluff Creek Watershed District Board of Managers and District Administrator
From: Barr Engineering Co.
Subject: Engineer's Report Summarizing December 2017 Activities for January 3, 2018, Board Meeting
Date: December 22, 2017

The purpose of this memorandum is to provide the Riley-Purgatory-Bluff Creek Watershed District (RPBCWD) Board of Managers and the District Administrator with a summary of the activities performed by Barr Engineering Co., serving in the role of District Engineer, during December 2017.

General Services

- a. Participated in a December 4th meeting with Administrator Bleser and Permit Coordinator Jeffry to discuss streamlining project cooperative agreements and development of maintenance plans.
- b. Participated in a conference call with Permit Coordinator Jeffry and Counsel Welch on December 20th to discuss rule revisions, drafting of a SONAR, and how the regulatory program addresses stormwater management relative to streambank and ravine erosion issues.
- c. Met with Administrator Bleser and Permit Coordinator Jeffry on December 21st to potential revisions to the 10-year plan and how the regulatory program could potentially be modified to further mitigate the adverse impacts of develop on streambank and ravine erosion issues.
- d. Assisted Administrator Bleser and Counsel Welch with refining the Scenic Height Cooperative agreement.
- e. Participated in December 6, 2017 regular Board meeting.
- f. Prepared Engineer's Report for engineering services performed during December 2017.
- g. Regular communication and coordination with Administrator Bleser and permit coordinator Jeffery discussing status of various District projects, potential technical advisory meeting and upcoming agenda.
- h. Project management and overall coordination of active task orders.

Permitting Program

- a. *Permit 2017-030: Elevate Apartments:* This project involves construction of 222 apartments combined with approximately 12,000 square feet for commercial retail and associated site infrastructure located near the intersection of Prairie Center Drive and Highway 212. Stormwater reuse, green roof, permeable pavement and a tree trench system will provide storm water quantity, volume and quality control. .Permit was conditionally approved at July

To: Riley-Purgatory-Bluff Creek Watershed District Board of Managers and District Administrator
From: Barr Engineering Co.
Subject: Engineer's Report Summarizing December 2017 Activities for January 3, 2018, Board Meeting
Date: December 22, 2017
Page: 2

12th Board meeting. Reviewed draft maintenance declaration and provided comments to applicant on needed revisions

- b. *Permit 2017-053: Mastercraft Boats:* This project involves demolition of an existing building and the construction of a new building, including bituminous parking improvements. The project also involves the construction of an underground infiltration basin in Minnetonka. The project will trigger Rules C and J. Conducted several reviews of information and provided comments to the applicant. Permit was conditionally approved at September 6th Board meeting. Reviewed draft maintenance declaration and provided comments to applicant on needed revisions.
- c. *Permit 2017-039: Mission Hills Senior Living:* This project involves disturbance of 8.65 acres to construct a 52,000 square foot senior housing building, eight townhome buildings and five biofiltration basins and a rainwater reuse system at the intersection of Hwy 101 and Highway 212 in Chanhassen. Reviewed new soil boring, infiltration testing, groundwater information and updated water quality modeling to fulfill one of the conditions of approval.
- d. *Permit 2017-069: Scheels Redevelopment:* This project involves the removal and replacement of the much of the existing Sears building at Eden Prairie Center, reconfiguring and repave the parking areas adjacent to the building, improving walkways and adding landscaping. The applicant proposes three underground filtration systems with elevated driantile to provide infiltration and a stormwater harvesting and reuse system for irrigation and toilet flushing to provide stormwater quantity, volume and quality control. Responded additional questions from the applicant's engineer.
- e. Meet with the city of Eden Prairie, SRF and Permit Coordinator Jeffery about the potential realignment of Eden Prairie Road near Flying Cloud Drive (CSAH 61). They plan to submit a permit modification request for Permit 2016-32 because they have been working closely with Hennepin County to incorporate the needed stormwater management into a modify stormwater management facility planned to be constructed with the Flying Cloud Drive work
- f. Performed erosion control inspections of active sites during the week of December 18th (see attached inspection report).
- g. Several conversations with Permit Coordinator Jeffery about technical questions on permit requirements for potential development and redevelopment projects.

Data Management/Sampling/Equipment Assistance

- a. Finalized 2017 field creek data and METC analytical data in EQUIS.
- b. Uploaded and verified surface water analytical data into EQUIS.
- c. Exported available flow data for Lower Riley Creek.

Task Order 6: WOMP Station Monitoring

Purgatory Creek Monitoring Station at Pioneer Trail

- a. Download and review data.

Purgatory Creek Monitoring Station at Valley View Rd

To: Riley-Purgatory-Bluff Creek Watershed District Board of Managers and District Administrator
From: Barr Engineering Co.
Subject: Engineer's Report Summarizing December 2017 Activities for January 3, 2018, Board Meeting
Date: December 22, 2017
Page: 3

- a. Downloaded and reviewed data.
- b. Data QA/QC and prep for entry into EQUIS database.
- c. Site visit to troubleshoot and fix "no connection" to station modem.
- d. Work with Campbell Scientific to analyze turbidity data and sensor accuracy.

Task Order 7b: Purgatory Creek Stabilization near Hwy 101—Construction

- a. Continued working on the final memorandum to document construction.

Task Order 13b: Lake Susan Watershed Treatment and Stormwater Reuse Enhancements Design and Construction Administration

- a. Worked on 60% design plans, which includes updates to HDPE pipe alignment at the site, building foundation development, irrigation box connection configuration and city of Chanhassen water supply disconnect design, iron enhanced sand filter design, and pond outlet improvements rip rap placement and computations.
- b. Developed iron enhanced sand filter flow distribution design and filter components to minimize cost and required maintenance to the extent possible. This included evaluation of a variety of flow distribution means and measures to protect the filter from debris and clogging.
- c. Presented the project to the city of Chanhassen Parks and Recreation Commission at their November 28th meeting.
- d. Conducted an onsite electrical evaluation with city of Chanhassen staff to determine connection points, electrical conduit alignment, power availability, etc.
- e. Evaluated cost-saving alternative building materials for the water treatment building and associated costs and means of construction
- f. Met with Project Manager Jeffery and city of Chanhassen on December 18th to review the 60% design drawing and solicit feedback on potential revisions.

Task Order 14b: Lower Riley Creek Final Design

- a. Continued 60% design, including the iterative process of determining stable channel parameters, modeling, and balancing cut and fill volumes and determining the placement of specific bank protection measures.
- b. Completed a site with RPBCWD staff and city of Eden Prairie staff to discuss the project and access routes to minimize project impacts.

To: Riley-Purgatory-Bluff Creek Watershed District Board of Managers and District Administrator
From: Barr Engineering Co.
Subject: Engineer's Report Summarizing December 2017 Activities for January 3, 2018, Board Meeting
Date: December 22, 2017
Page: 4

- c. Scheduled a meeting with a contractor to discuss access and staging for construction. The discussion will improve assumptions about construction access, equipment staging, and construction methods to reduce the potential for changes during bidding and construction.
- d. Design package will be updated following the meeting with the contractor and a consultation meeting with the USACE and DNR.

Task Order 16: Watershed Management Plan Refresh

- a. Prepared draft document for 60 day public review period, including hard copy production.
- b. Communicated with Administrator Bleser regarding minor revisions to the draft plan.

Task Order 19: Chanhassen High School Stormwater Reuse Design

- a. Over the next several months, additional coordination with ISD 112 on shelter materials, design and location as well as some minor design revisions based on value engineering discussions.
- b. Updates to construction and bidding documents. Rebidding project in Winter 2017/2018, in coordination with the Lake Susan Park project.

Task Order 20: Hyland Lake UAA Update

- a. Received and reviewed comments from Administrator Bleser on a portion of the draft report I late-December.
- b. Will be working on finalizing the report in early January 2018.

Task Order 21B: Bluff Creek Feasibility Study

- a. Conducted design calculations in support of proposed modified stormsewer outfall and geomorphologic design/structures
- b. Developed project restoration design and associated material specifications
- c. Updated the project SWPPP with latest design features
- d. Developed drawing revisions in support of 90% design

Task Order 22: Groundwater Assessment

- a. Finalizing report based on Board and Administrator feedback.

Task Order 23: Scenic Heights School Forest Restoration

- a. The Board approved the acceptance of Wetland Habitat Restoration's Bid at the December meeting. A Notice of Award was sent to the contractor and contract documents are currently being prepared.

To: Riley-Purgatory-Bluff Creek Watershed District Board of Managers and District Administrator
From: Barr Engineering Co.
Subject: Engineer's Report Summarizing December 2017 Activities for January 3, 2018, Board Meeting
Date: December 22, 2017
Page: 5

- b. Agreements between the District and the City of Minnetonka and the Minnetonka School District have been finalized.
- c. A preconstruction meeting will take place in January and initial woody invasive clearing will be in late January or early February 2018.

Task Order 24: Preliminary Engineering Study for Silver Lake Water Quality Treatment Project

- a. Staff reviewed water quality models developed for potential BMPs. Calculations were completed for both prefabricated BMPs (i.e., systems or structures that are made by a third party and installed onsite) as well as non-proprietary BMPs (i.e., BMPs that are constructed onsite by a contractor).
- b. Staff reached out to third party vendors of prefabricated BMPs to obtain pricing information that is used to develop a cost estimates for BMPs being considered for the site.
- c. Started preparing the Preliminary Engineering report that documents water quality benefits, site impacts, cost estimates, and next steps.



To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Project: 23/27-0053.14 PRMT 9016

Barr staff has inspected construction sites in the Riley Purgatory Bluff Creek Watershed District for conformance to erosion and sediment control policies. Listed below are construction projects and the improvement needed for effective erosion control. The sites were inspected from December 18, 2017.

Site Inspections

2015-008	3520 Meadow Lane	2017-12-19
	Site BMP's are adequate. Silt fence is down in some areas on west side--will not affect site runoff. Site cleanup and house painting complete. Some landscaping observed on north side. Deck installation underway. (December-2017)	
2015-014	12420 Sunnybrook Road	2017-12-18
	Site has been surveyed. No construction has started.	
2015-016	Blossom Hill	2017-12-18
	Open CA(s): Stockpile at new home construction on south side of Windsor Terrace is not protected. Site rep. notified. Deadline: 1/18/2017	
	New house construction on Windsor Terrace does not have some dirt stockpiles protected. Bill Coffman was notified.	
2015-035	LaMettry's Chanhassen	2017-12-19
	Building complete. Parking lot on north lot has been paved. North slope grading and landscaping complete....south area landscaping and sodding complete. Site is stable. Inlet protection still in place.(December-2017).	
2015-036	Saville West Subdivision	2017-12-19
	Construction continues at 5320 Spring Ln. House site. Rock entrance installed. Silt fence perimeter control in place. BMP's	

To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Page: 2

look good. Foundation back filled. Slight tracking to street. Silt fence installed on southwest and west side of development. Lots to south have been brushed/cleared.

2015-038 **Improvements to Field 8 at Miller Park** **2017-12-19**

BMP's look good. Site construction complete. Soils have been covered---vegetation is growing. All BMP's have been removed with exception of bio-logs at infiltration area(will stay in place). (December). Site is stable. This will be last field inspection for this permit.

2015-048 **Page I Ice Facility Addition** **2017-12-19**

Construction of building foundation/walls complete. Site landscaping complete. Slope on south side of building has silt fences at toe of slope: removed December - vegetation is established. Upper area graded and BMP's removed. (December-2017). Site is stable. All temporary BMP's have been removed. This will be last field inspection for this permit.

2015-050 **Arbor Glen Chanhassen** **2017-12-18**

Perimeter control (silt fence) installed. Heavy equipment onsite and earthwork/grading complete. Roadway and detention pond installed. All slopes have been stabilized and covered. BMP's look good.

2015-053 **RBSC Chanhassen LLC** **2017-12-19**

Construction continues. BMP's installed. Rock entrance in place. Landscaping earthwork underway. West infiltration basin installed and complete-BMP's are good. Bare soils onsite covered with matting and bio-logged.

2015-056 **Oster Property** **2017-12-18**

Construction complete. Silt fences /bio-logs have been removed. Vegetation mats and wood chips have been installed on all bare soils. All other BMP's look good. Vegetation (grass) still sparse in areas. (November-2017). Homeowner stated they are getting bids for final landscaping. Site is snow covered-will recheck after spring snowmelt.

2015-058 **Prairie Center Clinic Addition** **2017-12-18**

Construction complete on building. Some BMP's have been removed for landscaping. Vegetation is established. Parking lot top coat complete. Landscaping complete. Site is stable. BMP's are still in place--silt fence. (December/2017)

2016-004 **Round Lake Park Improvements** **2017-12-19**

To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Page: 3

BMP's look good. Site construction complete. Vegetation is growing. All temporary BMP's have been removed with exception of BMP's at infiltration areas and silt fence on east side. Infiltration basins have been graded spray-tac'd--vegetation is growing. December -2017 (site is snow covered)

2016-006 Soccer Field 10 at Miller Park 2017-12-19

Site construction complete. Vegetation established. Site is stable. All temporary BMP's have been removed. This will be last field inspection for this permit.

2016-015 18321 Heathcote Lane 2017-12-19

Silt fences installed/in good condition. Driveway installed. BMP's look good. House construction complete . (December-2017)

2016-021 Cedar Hills Park 2017-12-18

Construction complete. BMP's look good. Vegetation has sprouted and is growing. Some regarding and seeding has occurred in some areas. Site snow cover-December, 2017.

2016-026 Foxwood Development 2017-12-18

Multiple house construction has begun-BMP's look good- silt fences and rock entrances installed/ good perimeter control. Silt fences have been installed on unsold lots. Catch basin protection has been removed in areas. Additional silt fences have been installed across site. Bare soils have been spray-tac'd vegetation sprouting. Rock entrance pile is at current house construction--not installed to date. Site representative was onsite---rock entrances will be refreshed. Tracking to street will be addressed (December)

2016-030 IDI Distribution Building Expansion 2017-12-19

Parking on north side installed/curb and gutter installed. BMP's look good. (December-2107) Building addition complete. All bare soils have been spray-tac'd.

2016-037 Prestige Day Care 2017-12-18

Construction complete. Sod installed-all landscaping complete. All bare soils have been spray-tac'd. BMP's still in place. (December-2017)

2016-039 Powers Ridge Senior Apartments 2017-12-19

Construction complete. BMP's are good. Landscaping and sod installation complete. Bare soils covered with matting. Wetland signage installed. (December)

To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Page: 4

2016-040	18995 Minnetonka Blvd	2017-12-19
	Construction of house continues. Silt fence in place. Slopes with vegetation mats have growth. Southwest corner has more BMP's to control sediment erosion. BMP's installed are adequate. Earthwork near front has been completed--entire site has been covered with straw and snow covered. Driveway installed.	
2016-041	Chanhassen West Water Treatment Plant	2017-12-18
	Silt fences installed on site. Construction continues. Rock entrance good. BMP's look good. Street cleanup conducted regularly. December-2017	
2016-042	18663 St. Mellion Place--Eden Prairie (Bear Path)	2017-12-18
	Construction halted for winter. BMP's are good. Silt fence in one small area is at 40% of height. Site grading and sod installation has occurred on a large portion of site. New silt fence installed where needed. Site is snow covered-December,2017.	
2016-043	Bongards Redevelopment	2017-12-19
	BMP's are adequate. Parking lot base installed-- catch basins installed and protected--pavement installation still needs to be completed. (December-2017)	
2016-044	Dell Rd & Riley Creek Repair Project	2017-12-18
	Vegetation was growing appears to have died off. Rip-rap was recently installed at dirt road edge to control erosion from road. Additional erosion prevention from road needs to be addressed. More rock installed along flow path and silt deposit at beehive catch basin removed. Representative was contacted in September and is aware of site condition. Snow covered-December -2017.	
2016-045	MCES Blue Lake Interceptor Rehab	2017-12-19
	Construction complete. Silt fences installed/bio-logs in place. Bare soils covered with spray-tac. No vegetation growth observed. Site is snow covered. (December)	
2016-047	9507 Sky Lane Eden Prairie	2017-12-18
	Construction continues. Silt fences down in some areas but secondary containment is good. Catch basin protection at road needs to be maintained --it's not installed-- just laying over CB. (street side CB). Catch basin between properties has been protected. Runoff from bare soils going around and offsite from this property-- south property is landscaped. Minor tracking to street. Site representative was notified after August inspection-	

To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Page: 5

no corrective action taken except for landscaping of 9527 Sky Lane. Same conditions exist. Landscaping around house is complete--soil grading has occurred--no sod installed to date. Site Representative is aware of conditions. Wetland buffer signage has been installed. December-2017.

2016-FT02 **Mitchell and McCoy Lake Outlet Sediment Removal** **2017-12-19**

Site construction complete. Site is stable. Vegetation established. All temporary BMP's have been removed. This will be last field inspection for this permit.

2017-001 **Kopesky 2nd Addition** **2017-12-18**

Site has been cleared and perimeter control--silt fence has been installed. No earthwork to date. Rock entrance installed. Heavy equipment onsite.

2017-002 **7012 Dakota Ave** **2017-12-18**

Construction complete. Majority of landscaping is complete. Corrective Action has been addressed. Sod has been installed. Area near street and city water shut off that needs bare soils covered. Site representative was notified--November. No activity on this area as of December inspection.

2017-003 **18761 Heathcote Dr Building Addition** **2017-12-19**

House construction complete. Pool installation complete. Landscaping continues--sod and shrubs installed. Temporary BMP's have not been removed. December-2017

2017-009 **Emerson Chanhassen East Renovation** **2017-12-19**

Construction continues. BMP's installed. Rock entrance in place. Landscaping earthwork underway. West infiltration basin installed and complete - BMP's are good. Bare soils onsite covered with matting and bio-logged. December-2017.

2017-010 **Riley Lake Park Renovations** **2017-12-18**

Construction complete. BMP's installed and look good. Grading and landscaping in is complete. Vegetation growing in some areas. Soils have been spray-tac'd. Vegetation is sparse. Site is partially snow covered.

2017-011 **Galpin Blvd Watermain Improvements** **2017-12-18**

Construction complete. Soils covered with erosion control mats--some growth observed to date. Silt fences still installed in some areas. Some areas have had additional matting laid down. December -2017.

To: RPBCWD Board of Managers
From: Dave Melmer
Subject: December 18, 2017—Erosion Inspection
Date: December 22, 2017
Page: 6

2017-023	Eden Prairie Assembly of God	2017-12-19
	Open CA(s): Unprotected spoils pile. Deadline: 12/20/2017	
	Construction has begun. Perimeter control silt fence and rock entrance installed. BMP's look good-with exception of the unprotected spoils pile near entrance. Site representative was notified.	
2017-025	735 Pleasantview Road	2017-12-18
	Construction complete. Landscaping complete with exception of small infiltration basin. All temporary BMP's have been removed. Site is snow covered.	
2017-026	6135 Ridge Road	2017-12-19
	Construction continues. Foundation in and rock entrance installed. BMP's look good.	
2017-027	7500 Chanhassen Road	2017-12-18
	Construction continues. Silt fences and bio-logs installed. Erosion on west side went offsite-- cleaned up and more logs installed. Additional silt fence and bio-logs installed -additional BMP's look good. Some site grading conducted in early November. Site is snow covered.	
2017-029	Tweet Pediatric Dentistry	2017-12-18
	Construction complete . BMP's are installed and good. Catch basin protection installed in this area. Infiltration areas installed. Parking lot grading and curb/gutter installation complete. Site grading and landscaping is continues - bare soils have not been covered-partially snow covered.	
2017-032	11193 Bluestem Lane	2017-12-18
	Construction complete. All exposed soils on slope covered and stabilized. Bio-logs installed at toe of slope.	
2017-034	Park Road Overlay Chanhassen	2017-12-19
	Work complete at creek crossing and Park Rd. Culvert. BMP's installed are good. -inlet protection installed. Road overlay still needs to be completed.	
2017-036	Minnetonka HS Upper Field Access Road	2017-12-19
	Construction complete. Corrective Action items have been	

TASK ORDER No. 6e- 2018 WOMP Station Services
Pursuant to Agreement for Engineering Services
Riley Purgatory Bluff Creek Watershed District and BARR Engineering Company.
December 20, 2017

This Task Order is issued pursuant to Section 1 of the above-cited engineering services agreement between the Riley Purgatory Bluff Creek Watershed District (District) and BARR Engineering Company (Engineer) and incorporated as a part thereof.

1. Description of Services:

TASK A

Perform operation and maintenance tasks related to the Purgatory Creek Monitoring Station located at Pioneer Trail in Eden Prairie (Pioneer Trail Station). The Pioneer Trail Station is enrolled in Metropolitan Council's (MCES) Watershed Outlet Monitoring Program (WOMP). As part of the WOMP, the District will work with MCES in a cooperative effort to collect flow, rainfall, and water quality data at the Pioneer Trail Station.

TASK B

Perform operation and maintenance, data management, and project management tasks related to the Purgatory Creek Monitoring Station located at Valley View Rd in Eden Prairie (Valley View Rd Station). (Note: the Valley View Rd Station will not be enrolled in MCES'S WOMP, so this station will be the sole responsibility of the District).

2. Scope of Services:

TASK A – Pioneer Trail Station

The District Engineer will perform operation and maintenance tasks for the Pioneer Trail Station as requested by the MCES WOMP Coordinator and approved by the District Administrator. In 2018, the MCES will begin transitioning from composite auto-sampling to discrete auto-sampling for storm events at this station. The MCES procured and delivered a new auto-sampler to the site in October 2017. This new auto-sampler will be connected and commissioned during the spring of 2018. Also, cooperators will receive training in its operation. The bi-weekly grab sampling regime adopted in 2017, will continue in 2018. MCES staff will continue to be responsible for conducting flow measurements and rating curve development. However, the MCES may request District and/or Barr staff to take a flow measurement on occasion, if MCES staff is unavailable. A placeholder contingency budget was added to cover tasks for potential flow measurement.

Tasks will include:

- a) Supporting District staff bi-weekly grab sampling efforts, including project coordination with MCES and data/file management. District staff will be responsible for grab sample collection, delivery to lab, and completion of sample submission forms for the lab.
- b) Setting sample activation parameters (i.e. activation level and volume) to trigger the station's auto-sampler during storm events. Collecting storm event samples for significant events (i.e. rainfall > ½ in.) and delivering these samples to the MCES lab located on Childs Rd., St. Paul, MN.

- c) Performing routine maintenance of the equipment at the station; including verifying/calibrating water quality sensors, clearing debris from sensors, changing out desiccants, prepping the station for spring monitoring, and winterizing the station.
- d) Troubleshooting equipment issues, as needed. The MCES will rely on the District staff and engineer to assess equipment problems if they arise. The amount of troubleshooting in any given year is unpredictable. Therefore, the maintenance portion of the budget has included up to 20 hours of time to troubleshoot equipment issues. If additional time beyond what has been assumed in the budget below is needed, the troubleshooting effort will be coordinated with the District Administrator. The assumed time allocated for troubleshooting equipment will not be exceeded without prior authorization by the District Administrator.
- e) Managing of continuous water quality, rainfall, and flow data; including downloading and reviewing data, and assisting MCES with year-end data QA/QC and summary.
- f) Potential miscellaneous tasks including any tasks associated with the transition to the new sampling regime, such as training, meetings, or equipment installation; and flow measurements if requested by the MCES WOMP coordinator. These tasks are included below in the placeholder contingency budget.

NOTE: As part of the WOMP contract, the MCES responsibilities include all laboratory work/fees associated with the sampling, data management (year-end QA/QC, summarizing, storing in database), major maintenance costs (i.e. replacement cost of equipment, subcontractor fees for repair, etc.), and project management/coordination tasks.

TASK B – Valley View Road Station

The District Engineer will perform the following operation and maintenance tasks:

- a) Supporting District staff bi-weekly grab sampling efforts, project coordination and data/file management. District staff will be responsible for grab sample collection, delivery to lab and completion of sample submission forms for the lab.
- b) Setting sample activation parameters (i.e. activation level and volume) to trigger the station's auto-sampler during storm events. Collecting storm event composite samples for significant events (i.e. rainfall > ½ in.) and delivering these samples to a certified laboratory for testing.
- c) Performing routine maintenance of the equipment at the station; including verifying/calibrating water quality sensors, clearing debris from sensors, changing out desiccants, and winterizing the station.
- d) Troubleshooting equipment issues, as needed. The amount of troubleshooting in any given year is unpredictable. Therefore, the maintenance portion of the budget has included up to 20 hours of time to troubleshoot equipment issues. If additional time beyond what has been assumed in the budget below is needed, the troubleshooting effort will be coordinated with the District Administrator. The assumed time allocated for troubleshooting equipment will not be exceeded without prior authorization by the District Administrator.
- e) Performing stage-discharge measurements for development, verification and/or updating of the rating-curve equation (i.e., the relationship between stream flow and water level that is developed based on manual measurements at a monitoring station).
- f) Downloading and reviewing monitoring data (i.e. stage, flow, conductivity, temperature, rainfall, turbidity) throughout the monitoring period; including QA/QC tasks.

- g) Year-end QA/QC and summary of all monitoring data for the station.
- h) Managing and coordinating project.

Note: A certified laboratory will provide the lab work services. A budget has been included for anticipated lab fees for samples collected from the Valley View Station based on the MCES Lab's analyte costs.

3. Deliverables:

TASK A:

The water quality, flow, and rainfall data collected at the Pioneer Trail Station will be stored in a database maintained by MCES. The District and the District Engineer will have access to this data either through the MCES website or per request to the MCES WOMP coordinator.

TASK B:

QA/QC'd water quality, flow, and rainfall data will be summarized and stored per the District Administrator's instruction (for example, in an MS Excel, Access, or EQUIS Database).

4. Budget:

Services under this Task Order will be compensated for in accordance with the engineering services agreement and will not exceed \$41,500, without written authorization by the Administrator. (Note: the District will likely be reimbursed \$5,000 through a State Grant Agreement with MCES) Table 1 provides a summary of the anticipated cost for major tasks associated with scope of services described above. Attachment 1 provides additional detail of the anticipated cost for each task and subtask, schedule, and laboratory costs.

Table 1. Summary of Task Order ## Anticipated Cost for Major Tasks

Task	Description	Labor Costs ¹	Other Expenses ²	Total Cost
A	Operate and Maintain the Purgatory Cr. WOMP Station at Pioneer Trail in Cooperation with MCES for 2017	\$15,500	\$1,500	\$17,000
B	Operate and Maintain the Purgatory Cr. Monitoring Station at Valley View Rd for 2017	\$16,800	\$7,700	\$24,500
Task Order 6e Total				\$41,500

¹Labor costs will be billed on an hourly rate per time spent on each task, but will not exceed amount shown without written authorization. District staff will be responsible for monthly grab sample collection, delivery to lab and data management.

²Other expenses billed as costs incur, including purchase of new equipment, mileage, laboratory charges (if applicable), equipment rental if needed, and supplies as necessary.

5. Schedule and Assumptions Upon Which Schedule is Based

- a) TASK A: The project schedule is included as part of Attachment 1. The Pioneer Trail Station is operated and maintained year-round.

- b) **TASK B:** The project schedule is included as part of Attachment 1. This schedule is weather dependent; for example, a late spring and ice conditions could push back Mar-2018 tasks to April-2018.

IN WITNESS WHEREOF, intending to be legally bound, the parties hereto execute and deliver this Agreement.

CONSULTANT

By _____

Its _____

Date:

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT

By _____

Its _____

Date:

APPROVED AS TO FORM & EXECUTION

Attachment 1: Breakdown of Services for Task Order 6e including Anticipated Cost and Schedule

Task/Phase	Subtask	Description	Labor Costs ¹	Other Expenses ²	Total Cost	Schedule
Task A Operate and Maintain the Purgatory Cr. WOMP Station at Pioneer Trail	1	Bi-Weekly Grab Samples: support RPBCWD staff as part of a collaborative sampling effort, coordinate with MCES staff, and manage data/files. RPBCWD staff will typically collect the samples. <u>Note:</u> In 2018 MCES will continue the new grab sampling regime adopted in 2017, which includes bi-weekly sampling.	\$1,000.00	\$100.00	\$1,100.00	Jan to Dec-18
	2	Storm Event Samples: collect samples during storm events (assumes sampling begins in March and 15 sampleable storm events of > 0.5" of rain occur). <u>Note:</u> In 2018 MCES will be transitioning from composite auto-sampling to discrete auto-sampling for storm events at some of the stations in the WOMP program, including this Purgatory Creek station. This will include training for cooperators on how to operate the new auto-sampling equipment.	\$6,000.00	\$600.00	\$6,600.00	Mar to Nov-18
	3	Maintenance: verify/calibrate sensors, troubleshoot problem issues as necessary, prepare for monitoring season in spring, and winterize station.	\$4,000.00	\$300.00	\$4,300.00	Jan to Dec-18
	4	Data management: download and review data throughout monitoring period. Assist MCES with year's end data QA/QC and summary.	\$1,500.00	\$0.00	\$1,500.00	Jan to Dec-18
	5	Contingency: miscellaneous tasks, which may include flow measurements as needed, training on new auto-sampling equipment, and meetings with MCES and RPBCWD staff regarding the transition to the new sampling program.	\$3,000.00	\$500.00	\$3,500.00	Jan to Dec-18
	Subtotals			\$15,500.00	\$1,500.00	
Task A Subtotals					\$17,000.00	
Task B Operate and Maintain the Purgatory Cr. Monitoring Station at Valley View Rd.	1	Bi-weekly Grab Samples: support RPBCWD staff as part of a collaborative sampling effort and manage data/files. RPBCWD staff will typically collect the samples.	\$1,000.00	\$100.00	\$1,100.00	Mar to Dec-18
	2	Storm event samples: collect composite samples during storm events (assumes sampling begins in March and 15 sampleable storm events of > 0.5" of rain occur).	\$5,600.00	\$600.00	\$6,200.00	Mar to Nov-18
	3	Maintenance: verify/calibrate sensors, troubleshoot problem issues as necessary, prepare for monitoring season in spring, and winterize station.	\$4,000.00	\$400.00	\$4,400.00	Jan to Dec-18
	4	Rating Curve: perform stage-discharge measurements to verify rating curve is accurate and update rating curve if needed.	\$2,700.00	\$300.00	\$3,000.00	Mar to Dec-18
	5	Data management: download and review data throughout monitoring period. Year's end QA/QC tasks and data summary.	\$3,500.00	\$0.00	\$3,500.00	Jan to Dec-18
	Subtotals			\$16,800.00	\$1,400.00	
Task B - Subtotals					\$18,200.00	
Task B Anticipated Laboratory Testing Costs for Valley View Station	Analyte		Lab Test Cost	No. of Samples	Total Cost	
	Alkalinity		\$13.50	20	\$270.00	
	Bacteria, E. Coli		\$28.25	30	\$847.50	
	Carbon, Total Organic		\$18.00	20	\$360.00	
	Chemical Oxygen Demand		\$9.75	15	\$146.25	
	Chloride		\$15.75	40	\$630.00	
	Chlorophyll-a		\$15.50	25	\$387.50	
	Dissolved Phosphorus		\$15.25	40	\$610.00	
	Hardness		\$8.25	10	\$82.50	
	Metals		\$36.00	4	\$144.00	
	Nitrogen, Ammonia		\$8.25	40	\$330.00	
	Nitrogen, Kjeldahl and Total Phosphorus		\$15.25	40	\$610.00	
	Nitrogen, Nitrate+Nitrite		\$7.75	40	\$310.00	
	Phosphorus, orthophosphate		\$15.50	40	\$620.00	
	Solids, Total and Volatile Suspended		\$12.25	40	\$490.00	
	Sulfate		\$13.50	20	\$270.00	
	Turbidity		\$8.25	15	\$123.75	
Lab Testing Cost Subtotal				\$6,300.00	Budgeting	
Task Order 6e Total					\$41,500.00	

¹Labor costs will be billed on an hourly rate per time spent on each task, but will not exceed amount shown without written authorization.

²Other expenses billed as costs incur, including purchase of new equipment, mileage, equipment rental if needed, and supplies as necessary.

Minutes: Monday, December 11, 2017

RPBCWD Citizen's Advisory Committee Monthly Meeting

Location: RPBCWD offices: 18681 Lake Street, Chanhassen

CAC Members

Anne Deuring	P	Peter Iverson	P	Joan Palmquist	P
Jim Boettcher	P	Matt Lindon	E	David Ziegler	P
Paul Bulger	P	Sharon McCotter	P		

Others

Michelle Jordan	District Liaison	P
Richard Chadwick	RPBCWD Board Member	P

Summary of key actions/motions for the Board of Managers:

The CAC wishes to formally thank Staff and the Management Board for sending CAC members to MAWD. It was a great experience, with much new and helpful information. In fact, we took much of this monthly CAC meeting to review and discuss information from the sessions. Thank you! We hope we can send members again in 2018.

Agenda

- 1. Call CAC Meeting to Order:** Meeting was called to order by president David Ziegler at 6:01.
- 2. Attendance:** as noted above.
- 3. Matters of general public interest:**
 - No members of the public were present.
 - Manager Chadwick thanked the CAC members for their work last year and willingness to continue. He reminded us of the purpose of the CAC and statutory requirements. He passed out a copy of the Advisory Committee Statutes and reviewed duties.
- 4. Approval of Agenda:** One item was added, an update on the CAC nomination process (7.c). Motion to approve was made by McCotter, seconded by Boettcher and passed, unanimously.
- 5. Approval of previous (November) CAC Meeting Minutes:** McCotter/Iverson motioned to approve draft minutes from November 20 meeting. Motion passed, unopposed. Also note, we are changing the process by which minutes get distributed to members so they will have them earlier, at the same time they are sent to Staff for board packets.
- 6. Learning from MAWD (David, Sharon, Pete)**

Note: Key takeaways from the sessions were distributed to all CAC members before the meeting. Their comments are included, as appendix A.

 - 1. Drainage:** David attended and said most of this was about outstate MN but some of Best Practices might be appropriate for us—e.g. buffers. Also, note that buffers can be planted in non-row plants.

- 2. Basic Watershed Board Management Workshop:** Sharon attended this all-day session primarily for new watershed managers. In one exercise attendees shared their challenges in their watershed districts; lots of diversity based on location. 80% of BWSR funds go back to districts, through grants, and we are fortunate to have Administrator Bleser writing grants for us. Also, Lewis Smith is well respected authority and presented at this session. She reminded us that CAC has the ability to comment on anything, but takes direction from the Board.

The session included details of open meeting rules, which CAC is following, although we are not required to do so. These rules included that any communication should go through staff. We can send information to a specific board member, but not if there is a group/quorum. Skype/phone can be used only by state government. A good definition of what constitutes a meeting, and other good information was shared.

Excessive data requests can be harassing and we can charge for more than 100 pages. Details are in the watershed managers manual.

"One Watershed One Plan" is a little controversial—and even contentious, in the distribution of money across all of the watersheds. Participation in this would guarantee that each District would get a specific amount each year. By looking at boundaries a little differently, there may be opportunity for partnerships. Sharon suggests that we learn more about this, and request a speaker at one of next year's meetings. Metro watersheds maybe exempt from participating but we should know more details about how this plan is going to work.

- 3. Advanced Administration Workshop:** Michelle attended and included training of specific administrative things like recognizing and avoiding job burnout, working with people you find challenging, etc. Good practical suggestions.
- 4. Preventing spread of AIS with inspection:** Sharon attended. Good detailed program. Some of the best inspectors are law enforcement, teachers, retirees, not necessarily science people.
- 5. Sustainable Storm Water Analysis for Ford Site:** Pete and David attended. Looked back 100 years, before the plant was built, and now after demolition. The site was 135 acres of impervious materials—all pavement and concrete. Hidden Falls Stream ran through the site, and they paved over it so the stream basically became a pipe under the Ford plant. Became a bad erosion problem after rains. Even though the land is still owned by Ford, The Capitol Region Watershed District created a plan, which they sold to the city positioning it as an opportunity to make a big impact on a big site.
- 6. Climate Adaptation and Mitigation:** David and Sharon attended and will send the deck to us all. The session included information very similar to Climate Change Workshops we have done. The goal is to first try to minimize it, and then practice adaptation, including a plan for it and for the infrastructure and infrastructure replacement needed. The leader had participants think about what if there were a drought or windstorm, etc. The most vulnerable are those in poverty who are stuck—e.g. in suburbs where there is less public transportation. In planning, you need to think about whether your hospital would flood, and if you could get there. Also, they noted that bluff areas can have major erosion, which is not visible due to overgrowth or limited access.

7. **Cost Analysis of Water Quality Standards in MN:** David attended. This session included discussion of use of credit exchanges, because smaller communities can't afford to bring their sewer systems up to meet standards. Water softeners can be a large source of chloride in rural areas.
8. **Developing an Education and Outreach Plan:** Michelle presented and Sharon attended. People were in awe of the completeness of the process that Michelle led. She shared some specific Best Practices like including sticky notes on documents you give to someone to review, etc. with a personal note on them. Also, she informed attendees that topics addressed (e.g. shallow lakes, chloride) each year are chosen based on public feedback and need.
9. **DNR Watershed District of the year:** Two of three finalists were River Watch organizations staffed by volunteers, like adopt a highway. Cedar River Watershed District was this year's winner.
10. **BWSR Watershed Employee of the year:** Phil Belfiori of Rice Creek Watershed District won.
11. **Director U of MN Water Resources Center WRC:** They are a resource for Watershed Districts to bring science into decision making.
12. **Measuring Success of Shallow Lake Management in Anderson Lakes:** Pete and David attended. Several years ago, the decision was made to drain the lake, to let it freeze over and freeze out the curly leaf pond weed. The lake has 3 sections and residents of the SE lake opposed this, so chemical herbicides were used on that section. Although it would have been better to drain all sections, the project is considered a success. There was also some learning—like putting in a turtle crossing, to assist the turtles fleeing the lakes being drained. Pete requested information about what it cost, but has not received it yet.
13. **Flood Prediction to improve planning in SW MN:** Sharon attended. This District was worried that a big event would happen, so they did modeling and predictions. Fortunately, the event they were worried about did not occur, but they decided to complete the modeling anyway. The model they use is a two-dimensional model. The current thinking is that the models could be used by county emergency coordinators.
14. **Longevity and effectiveness of alum to restore lake water quality:** David attended. Use of alum is effective, but very expensive. It works best when there is high *internal* loading of phosphorous.
15. **Staff Development: What does lake restoration look like?** Sharon attended and the focus of this session was how to make sure the public understands that just because a water bodies meets water quality standards it doesn't necessarily mean you can recreate there. You need to be specific and direct in telling them that it will be clean, but you may not be able to get a kayak through it. Any lake restoration needs a good plant management plan, as the natives will come in. The presenter concluded that the biggest problems associated with this is that the organizers did not talk about this issue and make it clear before the restoration.
16. **Iron-enhanced Sand Filter Performance:** David attended. They described what they did to incorporate a pond as part of it of the sand filtration, so they counted on the bounce from larger rainfalls to capture water in the pond, where it could eventually be filtered thru the sand. It was very effective for that particular source, reducing external load of phosphorus by 50%.

17. Permit Enforcement Techniques and Troubleshooting: Sharon attended and said this presentation was excellent. She suggested we need to check if we have our enforcement methods outlined in our District rules. Also, they distributed a sheet with their best practices.

18. Buffer Law Enforcement Update: Buffers are controversial, but even so overall compliance now is quite high, at 97%.

19. Flo-Water.net: They make and sell filters for storm drains. \$130 for circular, \$160 for rectangular and they last two years and then the fabric can be replaced, and frame will remain functional. We discussed and agreed that this would be good for a cost sharing pilot. We will contact them.

Note: CAC people don't usually go to MAWD so it was a privilege for us to be able to go. Sharon talked to people from Prior Lake/Spring Lake Watershed District who are having trouble getting people for their CAC and suggested we could do a meeting with them to share our learnings. More to come in the new year.

7. Review 10-year plan (All)

a. Comments from 10-year plan Public Information Secession (Michelle): There was a public information session prior to the Dec. Board Meeting. Administrator Bleser presented to approximately 10-12 people and several people made comments.

b. Recommendations for board and staff review if any: The plan is now on the website. Sharon said she doesn't need to look at it again. Paul feels that the impaired waters is not as strong as he hoped it would be. Paul will write up his suggestions and distribute to us. We can then decide if we want to also make those same, or different comments.

To do: Each of us can review the changes we suggested and how they were included, or not. Enter any additional comments directly on the website. Paul will write up his suggestions and distribute then and then we can each individually decide if we want to make those same suggestions, or not. There is not another CAC meeting until after the public comment period ends, so this is why this approach is used.

c. Update on CAC nomination: All current members reapplied as well as two new applicants from Eden Prairie, both of whom are Master Water Stewards. All were accepted and the board decided to keep CAC applications open until the end of January and do a push to get additional nominees. Orientation of the two new members will be on Jan. 22, and a meet and greet with the Board will occur before the Feb. Board meeting at 5:30. If additional new members are appointed later, then a second orientation will be held.

Content of orientation: Michelle proposes that we start with icebreaker, and include a presentation from Administrator Bleser on administrative and structure, have a CAC member do a presentation on past year activities, and go over the 10-year plan process and plan updates. The orientation will begin at 5:30 and the meeting will follow. Notebooks will be created, like last year, and will include important information like Statutes, annual communication, fact sheet, acronym sheet, trail map, executive plan summary from 10-year plan, example agenda and meeting minutes from that meeting, MAWD summary and Education and Outreach Plan. Joan and Anne will look at this and give feedback to Michelle on what was most helpful to them as new members this year, and what acronyms we are using frequently.

8. Updates from subcommittees as available

- a. Storm Drain (Sharon, Matt): Sharon got the Freshwater's new kit and she will review it over the next few weeks and will follow up with the two cities in January.
- b. Ground Water (Paul) - none
- c. Silt Sock (Anne) - none
- d. Speaker's Bureau (Joan) - none
- e. Lake Associations (David) – none

9. CAC 2018 meeting dates and agenda items for our next meeting (January) (All)

- a. CAC 2018 Meeting Dates (2018 Jan 22, Feb 26, March 19, April 16, May 21, June 18, July 16, Aug 20, Sept. 17, Oct. 15, Nov. 19, Dec. 17) at 6:00PM. **Note:** We received agreement from the Board of Managers that we could change our meeting time to 6:00 and that we will receive information on the process to go through to change the bylaws.

10. Upcoming events

- a. Community Celebration of volunteers and friends, December 14th, at 6:30 PM, Bent Creek Golf Course
- b. RPBCWD Board of Managers Workshop January 3rd at 5:30 PM
- c. RPBCWD Board of Managers meeting January 3rd at 7:00 PM
- d. January 22nd Orientation and CAC meeting starting at 5:30 p.m.
- e. February 7 Meet and Greet with Board, informal get together prior to the Board meeting at 5:30.

11. Adjourn CAC meeting: McCotter/Iverson made motion to adjourn, and we adjourned at 8:15.

Topics for next meeting and pre-meeting/orientation:

1. New Member orientation workshop, introductions, what I care about
2. How to do bylaw changes,
3. Subcommittee updates
4. Update on public comments on 10-year plan
5. Draft calendar for 2018
6. Input on E&O for 2018 including how to interface with other CAC's.

Respectfully submitted,

Joan Palmquist
Recorder

Appendix A: 2017 MAWD Take Always

1. Drainage Workshop

- a. The updated Minnesota Public Drainage Manual (MPDM) is now accessible and searchable on line. https://drainage.pca.state.mn.us/index.php?title=Main_Page
- b. There is a procedure for reestablishing old records which were damaged due to fire, flood, age, or had undocumented changes or where not built to the plans.
- c. The goal is to make all of the records, (ACSIC) as constructed and subsequently improved condition, available on line. <http://www.bwsr.state.mn.us/drainage/>
- d. Buffer Law 16.5-foot buffer for all “Public” ditches.
- e. A 50-foot average buffer is required for all lakes, rivers, and streams (Farmers are not happy about this).
- f. Buffer strips can be planted with non-row crops like alfalfa and harvested by the land owners.
- g. Alternative practice, like side inlets, can be used in place of buffers.
- h. In some cases the buffers can be CRP (**Conservation Reserve Program (CRP)** is a cost-share and rental payment program of the United States Department of Agriculture (USDA). Under the program, the government pays farmers to take certain agriculturally used croplands out of production and convert them to vegetative cover, such as cultivated or native bunchgrasses and grasslands, wildlife and pollinators food and shelter plantings, windbreak and shade trees, filter and buffer strips, grassed waterways, and riparian buffers.⁽¹⁾ The purpose of the program is to reduce land erosion, improve water quality and effect wildlife benefits.)
- i. One Water One Plan (1W1P). BWSR’s vision for One Watershed, One Plan is to align local water planning on major watershed boundaries with state strategies towards prioritized, targeted and measurable implementation plans. <http://www.bwsr.state.mn.us/planning/1W1P/index.html>
- j. Discovery Farms, MAWRC Minnesota Agriculture Resource Center. **Discovery Farms Minnesota** is a farmer-led program combining water quality information and farming system information to help characterize the relationship between agricultural management and water quality. <http://mawrc.org/>
- k. Side Inlets can be installed during required ditch maintenance. http://www.agrinews.com/news/minnesota_news/alternative-side-inlets-designed-to-keep-soil-in-field/article_479c22e0-667a-59e2-ba7a-481dc63e98c0.html
http://www.bwsr.state.mn.us/drainage/cons_drainage_MAWD_2009.pdf

2. Basic Watershed Board Management Workshop: This session is primarily for new watershed managers with the purpose of ensuring they know their responsibility and accountability.

- a. Watershed Districts, BWSR (Board of water and soil resources) and the World (Kevin)
 - i. 80% of their budget goes directly to local government; their goal is to “get money into the hands of those who can do projects”; money is often given out via grants
 - ii. BWSR is responsible for approving the 10-year plan and any amendments
 - iii. Watershed districts were created based on a need, requests for citizens and a tax base to support them; usually they are created when there is a large local water problem
 - iv. No watershed districts in the NE part of the state; water issues are managed through local government and local conservation groups; also, the boundary waters don’t have too many issue and there is a relatively small tax base
- b. Watershed Districts’ Legal Powers and Purposes - Louis Smith – He has approximately 30 years of involvement with water- VERY respected!!!
 - i. Because of disputes in the metro area on projects and the density in the metro with overlapping projects, it is required for all areas of the metro to have watersheds
 - ii. A written 10-year plan is critical especially when working closely with others.
 - iii. List of Watershed District purposes:
 1. Protection

- 2. Improvement
- 3. Provision
- iv. Watersheds do not have general policing powers, they have a very special purpose. They can put rules in place about how the work gets done.
- v. In the metro area, watersheds have unlimited taxing authority; outstate has limits
- vi. Watershed Management Tools are like a 3-legged stool – Capital Projects, Regulation, Educational Programs; partner, partner, partner!
- c. Your Role as Leader - Steve (Fresh Water Society)
 - i. Basic duties of a manager
 - 1. All about working with people!
 - 2. Help create a forum for involving local people
 - 3. Awareness of practices to protect water resources
 - 4. Set and change direction
 - 5. Sometimes being responsible means you have to piss people off
 - 6. “Signal your turns” – don’t catch leaders off guard
 - 7. There are different ways to plan – short and long term to get funding
 - 8. Not all watersheds have their lawyer and engineer at the meetings primarily due to cost; recommend tabling an issue if you need council and they are not present
 - 9. Ask staff for alternatives to proposals
 - 10. It’s OK to have 3-2 or 4-1 votes; it is not ideal to have 5-0 votes all the time; you want diverse perspectives represented
 - 11. The board sets the parameters for what the CAC should do; be clear
- d. Government Basics – the Open meeting law, Data Practices Act - Louis
 - i. Applies to Board of Managers, any committees the managers are on, CAC (to be safe); fine for violating is \$300; the newspaper is often the entity that indicates there has been a violation of the open meeting law
 - ii. Meeting is defined as: Gathering of a quorum or more of members of a governing body or committee or sub-committee where members discuss, decide, or receive information as a group about the official business of that body
 - iii. There are ways to appropriately structure communication to stay within compliance i.e. someone, like the administrator, can send communication to the board, and collect their responses. The problem ensues when managers email back and forth to each other.
 - iv. Meetings must be noticed and open to the public; must be reasonably accessible and should be held within the jurisdiction of the area
 - v. Notice
 - 1. Date, Time, Place and subject/purpose
 - 2. Publish and post annual schedule of regular meetings
 - 3. Meeting materials must be made available to the public
 - vi. Special meetings
 - 1. Post to website or bulletin board
 - 2. People who have requested notice – need 3 days
 - 3. Publish 3 days prior
 - vii. Emergency meetings: Notice not always feasible; act in good faith
 - viii. Continued meetings: No further notice is required but no additional topics can be added
 - ix. Only state government can conduct meetings by phone; can use interactive TV; can us Skype (advisory opinion)
 - x. Data Access Policy

1. Data requests can sometimes be used as a weapon by people; at worst it boards on harassment; if you think it might be harassment, document everything
 2. Someone would have to have an “intent to disrupt” to be charged; watersheds need to be blind to this intent; people do not even have to identify themselves with the request, it can be anonymous
 3. There are specifics around what you can charge per page of research and requestors are entitled to 100 free pages
- e. Value of Watershed Management Plan: Civic Engagement - Tera
- i. Diversity of topics MN watersheds are working on: AIS, fixing impaired lakes, flooding and drainage, phosphorous, reuse, rain gardens, farm field drain tiles, drainage, urbanity, ag – ditches, buffers, upstream treatment, lakes, stormwater, bank stabilization, education
 - ii. One Watershed/One Plan (Steve – Freshwater Society)
 1. Voluntary; over next 10 years
 2. Reduces competition for funding; more predictable funding stream; funds will be committed to each year so better planning; 65% of Clean Water funds go to projects
 3. May not be the best for metro watersheds; CAC should have more information about this initiative

3. Advanced Administration Workshop

4. Preventing the Spread of Aquatic Invasive Species (AIS) with a Collaborative Watercraft Inspection Program – Mike Sorensen

- a. A review of the Comfort Lake and Forest Lake WD AIS program
- b. Best inspectors are law enforcement (easier to enforce rules); teachers (reinforce training); retirees (they come back year after year)
- c. BP - Continue training inspectors onsite pairing new ones with returning ones
- d. Weekends are busiest and all volunteers need to sign up for the majority of shifts around the weekend hours; 11-2 busiest time of day on weekends and after 4 during the week
- e. 4 out of 100 people come with their drain plug in; 5 out of 100 boats have water or AIS on their boat
- f. Inspectors inspect and educate but should not enforce; engage local law enforcement
- g. DNR has a real-time app on where the decontamination units are

5. Sustainable Storm Water Analysis for the Ford Site Redevelopment in St. Paul

- a. The demolition of the St. Paul Ford plant is almost complete.
- b. The Capitol Region Watershed District (CRWD) spent time and money, up front, to develop and promote a plan for the 135 acer Ford site, which is still owned by Ford. <http://www.capitolregionwd.org/>
- c. The CRWD took their plan directly to the public to influence public opinion, new site zoning, and the City <http://www.startribune.com/st-paul-plan-for-stormwater-stream-at-ford-site-could-boost-flow-over-hidden-falls/417793213/>
- d. CRWD used Autocase Triple-Bottom-Line to show the financial and environmental benefits of their plan.
- e. CRWD has gained support from local residents and St. Paul City planners for their plan which includes a centralized green corridor.

6. Climate Adaptation and Mitigation

- a. Similar to RPBCWD Climate Change Workshop
- b. Minimize climate change (emissions reduction, conservation, sequester carbon, education)
- c. Adaptation (preparing for climate change, assess vulnerabilities, develop a plan for a resilient sustainable tomorrow)
- d. Hazards (extreme precipitation, flooding, heat wave, increasing number of forest fires, power outages, extreme wind, increasing frequency of natural disasters)

- e. In 1970, the average of natural disasters that were reported was 78; in 2004, this number jumped to 348. According to AccuWeather, since 1990, natural disasters have affected 217 million people every single year. From 1980 to 2009 there was an 80 percent increase in the growth of climate-related disasters.
 - f. Our aging storm water infrastructure needs to be repaired or replaced. We should be updating infrastructure, planning for 10-inch 100-year rainfall events by 2050.
 - g. Minnesota's warming is well underway, with annual temperatures increasing at an average rate of nearly a quarter degree Fahrenheit (F) per decade since 1895. Much of the total warming, however, has been concentrated in the most recent several decades, with warming rates averaging nearly a half a degree per decade since 1970. The three most recent 10-year periods (through 2015) have been by far the warmest on record. Both the long-term and recent rates of warming in Minnesota are faster than national and global trends. Average winter low temperatures in Minnesota have increased by 7.5 (F) in the last 10 years.
 - h. What is my role? Water, connections, information, planning, education, community
 - i. Minneapolis and St. Paul's sewer infrastructure are over 50 years old where EP and Mtka is less than 30 years
 - j. MNDOT Slope failure prediction model. <http://www.dot.state.mn.us/consult/documents/notices/1027821-rfp.pdf>
7. **Cost Analysis of Water Quality Standards in Minnesota** (cost to meet standards for sanitary sewer water treatment standards at discharge)
- a. Study shows upgrades are needed to meet standards. Report from Barr Engineering
 - b. The estimated cost increase per residential unit (home) is \$200 to \$800 per year.
 - c. To meet current standards cost is 1.1% to 4.9% of median household income.
 - d. The cost to meet the future standards is estimated to be 1.1% to 5.2% of median household income.
 - e. Chloride is a big issue due to water softeners.
 - f. Smaller cities have a bigger gap.
 - g. Some funding is available from BWSR
 - h. Pushing for a way to trade water quality credits
8. **Developing an Education and Outreach Plan Through Community Engagement and Need Identification – Michelle Jordan**
- a. Michelle reviewed all of the steps in collecting stakeholder input as foundation for building and education and outreach program; VERY thorough
 - b. Be mindful of what time the audience might have to respond and then think of options i.e. online survey for teachers
 - c. Who and how you invite people is important
 - d. BP – To increase engagement and participation when you send a marketing piece, add a yellow sticky note with something like, Hi John, this seems like something you'd be interested in, Michelle
 - e. Ebb and flow topics and presentations pushed out to the community based on community feedback and hot topics. For example, shallow lakes were a very popular topic for several years. Those forums have been sunset and now chlorides are raising up; reconnect with your audience frequently
9. **DNR Watershed District of the year winner, Cedar River Watershed District**
- a. State water trail, removed 1000 tires from river
10. **BWSR Watershed Employee of the Year** Phil Belfiori from the Rice Creek Watershed District
- a. Increased levies, lowered legal cost, carp management, water reuse system
11. **Director University of Minnesota Water Resource Center (WRC)**
- a. Advancing the science of clean water. The University of Minnesota Water Resources Center combines scholarly methodology with innovative field work on water-related projects driven by leading scholars of biology, chemistry, economics, engineering, environmental science, public health and public policy. <https://www.wrc.umn.edu/projects>
12. **Measuring the Success of Shallow Lake Management in Anderson Lakes**
- a. Three shallow lakes at 494 and 169. South East lake feeds South West lake which feeds North West lake

- b. Curly leaf pond weed (CLPW) grows under the ice in the winter, then dies back in the late spring creating a major source of phosphorus in the lakes.
- c. A decision was made to drawdown (drain) the lakes to kill the CLPW.
- d. SE lake residents opposed the plan so the plan was revised to use chemical herbicide treatment in SE Anderson Lake.
- e. Pumped down SW and NW lakes as far as they could and used herbicide on remaining water.
- f. Currently NW Lake has almost no CLPW, SW lake has a small amount of CLPW, SE has CLPW but it is not as dense as it was before treatment. Considered a success.
- g. Nine Mile Watershed District will continue to monitor the lakes for water quality and overall healthiness.
- h. They will supply cost information.

13. Flood Prediction to Improve Planning in Southwestern Minnesota – Jason from RESPEC

- a. They developed a hydrological – hydraulic model with extensive support from the DNR, based on floods that straddled MN and Iowa borders via the Missouri River, in 2014. The “next big event” didn’t materialize when expected but caused them to fully develop the models for the future.
- b. These models are two versus one dimensional
- c. They needed to double the number of data collection gauges
- d. Pretty cool model that shows how far flooding could go based on numerous factors
- e. Expect the county emergency coordinator in flood areas to use them
- f. The Lieutenant Governor funded the model

14. Longevity and effectiveness of alum to restore lake water quality

- a. There are 646 lakes in Minnesota impaired for excess nutrients. Ninety five percent of these lakes indicate internal phosphorous is a significant source of the pollution.
- b. Alum (Aluminum Sulfate) treatment can be a cost-effective way to reduce internal phosphorus.
- c. Reasons for reduced effectiveness of phosphorus (low dose, excess external load, wind mixing, carp mixing)
- d. Treatment was a success, cost was \$986,000 for 4,200 lbs. of phosphorous removal (\$25/pound). More cost effective than most other BMPs gwilson@barr.com

15. Staff Development: What Does Lake Restoration Look Like? Balancing Water Clarity Goals and Aquatic Plants

- a. Bald Eagle (1050 acres in White Bear) and Silver Lake (70 acres in St. Anthony)
- b. Lakes were impaired for algae, phosphorous, and clarity; they have been cleaned up and now meet state standards in these areas
- c. Residents are not happy; too many plants (although they are now native); some folks even asked for the carp to come back!
- d. Lessons for future projects
 - i. Be straightforward and blunt about goals and expectations
 - ii. No jargon!
 - iii. Clearly communicate the available tools, financing options, and regulations for managing invasive and nuisance plants
 - iv. Don’t assume that year 1 or 2 after a major ecological shift is the “new normal”
 - v. Communicate before/during/after
 - vi. Make sure people understand the difference between natives and non-natives
- e. The audience “voted” and even though a balance of an unimpaired impaired water with water that can be used for recreation is where most people wanted to be, we landed on the idea that our job is to bring the lakes to state standards not to balance recreation needs and clear water

16. Iron-Enhanced Sand Filter Performance for Removing Phosphorous from Regional Storm Water Ponds

- a. Added inlet baffle and dredged pond to remove sediment.

- b. Installed filter along the side of the pond with bottom drain.
- c. Bounce (water depth changes during storm events) allows water to flow through the filter.
- d. Worked with St. Anthony Falls Lab on project.
- e. Tests showed 58% reduction in total phosphorous over 4 years.
- f. The effectiveness is dropping due to the need for maintenance for the IESF filter.
- g. Total cost \$173,400. <http://www.capitolregionwd.org/>

17. Permit Enforcement Techniques & Troubleshooting (Excellent practical session with lots of tips!)

- a. State-wide permit summary
 - i. 38 out of 46 WD's issue permits
 - ii. Average WD has 4 staff and issues 59 permits per year
 - iii. # of permits per year ranges from 3-150 per WD
 - iv. Fees range from \$10 - \$5,000
 - v. 76% of WD require permit sureties
- b. Reasons for permit requests from most to least
 - i. Drainage and flood control
 - ii. Shoreline and surface water
 - iii. Stormwater management
 - iv. Erosion and sediment control
 - v. Wetlands
 - vi. Flood plains
 - vii. Agriculture tiling
- c. Go out to active sites once a week; it's effective but it's a matter of money and time
- d. If the site gets a C, D, or F grade, and they continue being in non-compliance, a small amount of their surety is taken to cover the cost of staff time.
- e. Check with Terry to see if we have our enforcement methods outlined in our District rules?
- f. Michelle, will we have Report a Problem on our website?
- g. Common violations
 - i. Rain Garden sedimentation
 - ii. Sediment in street
 - iii. Turbid water at pond outlet
 - iv. Concrete illicit discharge
 - v. Roots deter use of silt fence
 - vi. Overwatering activity

18. Buffer Law Enforcement Update Field Progress

- a. Minnesota's buffer law establishes new perennial vegetation buffers of up to 50 feet along lakes, rivers, and streams and buffers of 16.5 feet along ditches. These buffers will help filter out phosphorus, nitrogen and sediment. The deadline for implementation for buffers on public waters is November 1, 2017. The deadline for public ditches is November 1, 2018. The law provides flexibility for landowners to install alternative practices with equivalent water quality benefits that are based on the Natural Resources Conservation Service Field Office Technical Guide.
- b. They estimate 97% compliance overall. Many ditches were in compliance before the law was passed.
- c. <https://mn.gov/portal/natural-resources/buffer-law/>

19. Flo-Water.net Cory Phone: 515-577-6763

- a. We stopped at the Flo-water.net booth.
- b. They make and sell filters for storm drains.
- c. Some of the filters they sell fit on top of storm drains and are held in place by magnets. So, the storm drain covers do not need to be removed.

d. **EZ-Flo** w/ Curb Protection: Easy to install, replace, and service. Reusable. Catches sediment & trash. <http://www.flo-water.net/>

e.



f.

20. **CAC Coffee Talk** – Diane (Administrator – Prior Lake/Spring Lake)

DRAFT

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT

Treasurers Report

November 30, 2017

REPORT INDEX

page #	Report Name
1	Cash Disbursements
2	Fund Performance Analysis - Table 1
4	Multi- Year Project Performance Analysis - Table 2
4	Grant and Other Income Performance Analysis - Table 3
5	Balance Sheet
6	Klein Bank Visa Activity
7	Opinion Report

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT

Cash Disbursements

November 30, 2017

Accounts Payable	Amount
Amy Herbert LLC	\$ 1,310.88
Barr Engineering Company	77,051.93
CenterPoint Energy	390.58
Claire Bleser	40.00
Coverall of the Twin Cities	213.68
Dell Five Business Park G-I	7,258.11
Dorothy E. Pederson	745.48
General Delivery Service	101.17
HealthPartners	3,548.39
JMSC Futurity, PLLC	2,150.00
Kaul Design Group	212.50
Klein Bank Visa	10,200.40
Leslie Yetka	1,264.42
LimnoTech	2,102.50
MN Association of Volunteer Admin	3,000.00
MN Board of Water and Soil Resources	29,611.48
Pete Iverson	149.80
ProTech	50.00
Richard Ward	897.89
RMB Environmental Laboratories, Inc.	170.00
Smith Partners PLLP	18,102.30
Southwest Newspapers	306.32
SRF Consulting Group	802.32
The Lincoln Nathional Life Insurance Company	288.21
Wenck Associates Inc	1,027.00
Xcel Energy	19.92
Xcel Energy	383.00
Xcel Energy	22.30
Zachary Dickhausen	70.10

Total Accounts Payable **\$ 161,490.68**

Payroll Disbursements	Amount
Payroll Processing Fee	\$ 145.00
Manager Payroll Taxes	177.86
Employee Salaries	27,189.12
Employee Payroll Taxes	2,007.37
PERA Match	2,039.20

Total Payroll Disbursements **\$ 31,558.55**

Total Disbursements **\$ 193,049.23**

Memos

The 2016 mileage rate is 0.54¢ per mile. The 2017 mileage rate is 53.5¢. Klein Bank Visa will be paid online.

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT
Fund Performance Analysis - Table 1
November 30, 2017

	<u>2017 Budget</u>	<u>Month Ended 11/30/2017</u>	<u>Year to Date 11/30/2017</u>
REVENUES			
Interest Income	0.00	0.00	1,168.31
Bluff Creek Grant Income	0.00	292.50	292.50
Other Income	0.00	424.79	4,081.96
Other Income - Refunds	0.00	0.00	5,485.18
Other Income - District Floodplain	0.00	0.00	22,080.00
Plan Implementation Levy	2,859,000.00	0.00	1,470,610.37
Permit Income	15,000.00	5,141.50	44,100.10
TOTAL REVENUES	<u>2,874,000.00</u>	<u>5,858.79</u>	<u>1,547,818.42</u>
EXPENDITURES			
Administration			
Accounting/Audit	39,500.00	2,295.00	37,308.30
Advisory Committee	4,000.00	1,119.80	4,785.74
Engineering Services	103,000.00	7,520.50	77,727.70
Insurance and Bonds	12,000.00	843.42	9,743.80
Legal Services	75,000.00	3,609.95	67,219.36
Manager Expenses	18,500.00	3,445.28	15,845.03
Dues and Memberships	8,000.00	0.00	6,734.00
Office Costs	155,000.00	10,753.29	146,019.03
Permit Review and Inspection	120,000.00	17,629.61	181,777.50
Recording Services	15,000.00	1,310.88	12,233.47
Employee Cost	450,000.00	35,305.28	353,197.00
Total Administration Costs	<u>1,000,000.00</u>	<u>83,833.01</u>	<u>912,590.93</u>
Programs and Projects			
District Wide			
‡ Education & Outreach	114,000.00	9,119.62	81,214.05
AIS Inspection and Early Response	75,000.00	0.00	18,572.30
Cost Share Program	200,000.00	0.00	37,191.76
District Wide Floodplain Eval- Atlas 14	30,000.00	0.00	2,285.45
Data Collection	180,000.00	11,406.24	147,497.49
U of M Plant Restoration	75,000.00	0.00	52,500.55
TMDL	10,000.00	0.00	1,028.00
District Floodplain Vulnerability	0.00	0.00	985.41
o Watershed - 10 Year Plan	75,000.00	3,511.78	107,115.25
o Repair and Maintanance	100,000.00	0.00	0.00
o ♦ Community Resilience MPCA	0.00	0.00	28,426.55
Creek Restoration Action Straegies Phase 2	20,000.00	0.00	11,487.00
District Groundwater Assessment	30,000.00	0.00	27,783.00
Total District Wide Costs	<u>909,000.00</u>	<u>24,037.64</u>	<u>516,086.81</u>
Bluff Creek One Water			
o ♦ Fish Passage Bluff Creek	0.00	29,611.48	29,611.48
o Bluff Creek Tributary	0.00	(3,637.60)	49,024.96
o ♦ Chanhassen HS reuse	50,000.00	1,675.50	99,363.40

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT
Fund Performance Analysis - Table 1
November 30, 2017

	<u>2017 Budget</u>	<u>Month Ended 11/30/2017</u>	<u>Year to Date 11/30/2017</u>
Total District Wide Costs	50,000.00	27,649.38	177,999.84
Riley Creek One Water			
Lake Riley EWM Treatment	25,000.00	0.00	22,325.20
○ Lake Riley Alum Treatment	0.00	891.20	2,404.31
○ ♦ Lake Susan Improvement Phase 2	0.00	32,833.72	73,937.14
○ ♦ Chanhassen Town Center	0.00	0.00	12,605.56
Lake Riley - CLP Treatment	10,000.00	0.00	7,173.37
Lake Susan - CLP Treatment	10,000.00	0.00	3,074.30
Rice Marsh Lake WQ Improvement - Phase 1	20,000.00	0.00	0.00
Rice Marsh Lake Winter Fish Kill Prevention	10,000.00	306.32	1,008.68
○ Riley Creek Restoration	600,000.00	10,139.00	46,326.10
Total Riley Creek One Water Costs	675,000.00	44,170.24	168,854.66
Purgatory Creek One Water			
○ Purgatory Creek Restoration	0.00	163.50	39,098.00
Mitchell Lake Plant Management	15,000.00	0.00	2,261.83
Red Rock Lake Plant Management	15,000.00	0.00	4,064.89
Starring Lake Plant Management	20,000.00	0.00	9,823.98
○ ♦ Fire Station 2 Water Reuse	20,000.00	802.32	18,581.06
○ Purgatory Creek Rec Area	50,000.00	0.00	0.00
Hyland Lake UAA	20,000.00	(1,196.00)	18,412.00
Lotus Lake - Phase 1	20,000.00	135.80	1,003.96
Silver Lake Restoration - Phase 1	20,000.00	6,028.38	7,367.38
○ ♦ Scenic Heights	0.00	8,172.73	47,798.36
Total Purgatory Creek One Water Costs	180,000.00	14,106.73	148,411.46
Contingency Reserve			
Contingency Reserve	45,000.00	0.00	0.00
Total Contingency Reserve Costs	45,000.00	0.00	0.00
TOTAL EXPENDITURES	2,859,000.00	193,797.00	1,923,943.70
Excess (Deficiency)	15,000.00	(187,938.21)	(376,125.28)

○ Denotes Multi-Year Project - See Table 2 for details

♦ Grants are supplementing the projects - See table 3 for further details

* Denotes the project will be overlapping by one year as it was not fully complete by year end.

‡ Includes the Master Design items - See Table 2 to details

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT
Multi-Year Project Performance Analysis - Table 2
November 30, 2017

	Total for Project	2017 Budget	Month Ended 11/30/2017	Year to Date 11/30/2017	Lifetime Costs	Remaining
Projects						
o ♦ Chanhassen Town Center	63,000.00	0.00	0.00	12,605.56	35,196.56	27,803.44
o ♦ Fish Passage Bluff Creek	415,000.00	0.00	29,611.48	29,611.48	54,404.87	360,595.13
o Lake Lucy Iron Enhanced	85,000.00	0.00	0.00	0.00	62.32	84,937.68
o Lake Riley Alum Treatment	260,000.00	0.00	891.20	2,404.31	237,381.87	22,618.13
o Lake Susan Improvements	275,000.00	0.00	0.00	0.00	272,134.10	2,865.90
o ♦ Lake Susan Improvement Phase 2	383,400.00	0.00	32,833.72	73,937.14	90,678.92	292,721.08
o Purgatory Creek Restoration	661,094.00	0.00	163.50	39,098.00	370,323.56	290,770.44
o ♦ Chanhassen HS reuse	250,000.00	50,000.00	1,675.50	99,363.40	110,500.50	139,499.50
o ♦ Community Resilience MPCA	47,000.00	0.00	0.00	28,426.55	46,601.68	398.32
o ♦ Scenic Heights	260,000.00	0.00	8,172.73	47,798.36	47,798.36	212,201.64
o Bluff Creek Tributary	200,000.00	0.00	(3,637.60)	49,024.96	49,024.96	150,975.04
o Riley Creek Restoration	600,000.00	600,000.00	10,139.00	46,326.10	46,326.10	553,673.90
o Purgatory Creek Rec Area	50,000.00	50,000.00	0.00	0.00	0.00	50,000.00
o ♦ Fire Station 2 Water Reuse	20,000.00	20,000.00	802.32	18,581.06	18,581.06	1,418.94
Total Multi-Year Project Costs	3,569,494.00	720,000.00	80,651.85	447,176.92	1,379,014.86	2,190,479.14
Programs						
o Watershed - 10 Year Plan	175,000.00	75,000.00	3,511.78	107,115.25	177,338.09	(2,338.09)
o Repair and Maintenance	102,005.00	100,000.00	0.00	0.00	0.00	102,005.00
o Survey and Analysis	37,257.00	0.00	0.00	0.00	24,165.26	13,091.74
Total Program Costs	314,262.00	175,000.00	3,511.78	107,115.25	201,503.35	112,758.65
Other						
Total Other	0.00	0.00	0.00	0.00	0.00	0.00
Total Multi-Year Project Costs	3,883,756.00	895,000.00	84,163.63	554,292.17	1,580,518.21	2,303,237.79

Grant and Other Income Performance Analysis - Table 3
November 30, 2017

	Total Available for Project	Total Grant	Required	Additional	Partner
o ♦ Chanhassen Town Center	63,000.00	48,000.00	12,000.00	3,000.00	
o ♦ Fish Passage Bluff Creek	415,000.00	150,000.00	37,500.00	77,500.00	150,000.00
o ♦ Lake Susan Improvement Phase 2	383,400.00	233,400.00	58,350.00	91,650.00	
♦ Metropolitan Council - WOMP	5,000.00	5,000.00	0.00		
o ♦ Chanhassen HS reuse	250,000.00	200,000.00	50,000.00		
o ♦ Fire Station 2 Water Reuse	98,287.00	73,715.00	24,572.00		
o ♦ Community Resilience MPCA	47,000.00	27,000.00	10,000.00		10,000.00
o ♦ Scenic Heights	260,000.00	50,000.00	0.00	165,000.00	45,000.00
Total Grants and Other Income	1,521,687.00	787,115.00	192,422.00	337,150.00	205,000.00

- o Denotes Multi-Year Project - See Table 2 for details
- ♦ Grants are supplementing the projects - See table 3 for further details
- * Denotes the project will be overlapping by one year as it was not fully complete by year end.
- ‡ Includes the Master Design items - See Table 2 to details

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT

Balance Sheet

As of November 30, 2017

ASSETS

Current Assets

Checking	\$	1,166,208.51
Money Market Savings		0.00
Investments		2,469,000.00
Standing Cash in Investment Account		1,443.64
Total Current Assets	\$	<u>3,636,652.15</u>

Other Assets

Security Deposit		9,744.00
Prepaid Expenses		40,964.07
Delinquent Property Taxes		17,622.16
Total Other Assets	\$	<u>68,330.23</u>

Total Assets \$ 3,704,982.38

LIABILITIES AND NET ASSETS

Liabilities

Current Liabilities

Accounts Payable	\$	154,358.31
Payroll Withholding		940.98
Accrued Payroll		10,816.15
PERA Withholding		2,099.19
Total Current Liabilities	\$	<u>168,214.63</u>

Other Current Liabilities

Retainages Payable		21,494.03
Total Other Current Liabilities	\$	<u>21,494.03</u>

Long-Term Liabilities

Deferred Revenues	\$	17,622.16
Unearned Revenue		132,396.16
Permit Escrows		672,382.00
Total Long-Term Liabilities	\$	<u>822,400.32</u>

Total Liabilities \$ 1,012,108.98

Net Assets

Cumulative Fund Balance	\$	3,068,998.68
Excess (Deficiency) Current		<u>(376,125.28)</u>

Total Net Assets \$ 2,692,873.40

Total Liabilities and Net Assets \$ 3,704,982.38

RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT
Klein Bank Visa Activity
November 20, 2017

seq	DATE	PURCHASE FROM	AMT	DESCRIPTION	ACCT #	Receipt
3	23-Oct	MINNESOTA ASSOC OF WAT 999-99999	\$ 570.00	Advisory Committee	92002	y
18	27-Oct	MINNESOTA ASSOC OF WAT 999-99999	\$ 400.00	Advisory Committee	92002	y
			\$ 970.00	Advisory Committee Total		
16	27-Oct	UWSP - Payment Stevens Po	\$ (350.00)	Conferences & Training - Staff	71002	y
17	27-Oct	UWSP - Payment Stevens Po	\$ (175.00)	Conferences & Training - Staff	71002	y
22	16-Nov	DELTA AIR0062303225318 DELTA.COM	\$ 555.60	Conferences & Training - Staff	71002	y
24	16-Nov	PAYPAL *ANTIOCHUNIV 402-935-7	\$ 295.00	Conferences & Training - Staff	71002	y
38	20-Nov	DELTA AIR0062303375426 DELTA.COM	\$ 118.20	Conferences & Training - Staff	71002	y
40	20-Nov	PAYPAL *SCIENCETALK 402-935-7	\$ 250.00	Conferences & Training - Staff	71002	y
			\$ 693.80	Conferences & Training - Staff Total		
2	23-Oct	SAFE-FAST(MW) 651-797-4	\$ 1,545.06	Data Collection	100802	y
7	24-Oct	CHANHASSEN GOODYEA CHANHASSE	\$ 31.56	Data Collection	100802	y
8	24-Oct	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 38.08	Data Collection	100802	y
9	25-Oct	SUPERAMERICA 4159 EDEN PRAI	\$ 37.82	Data Collection	100802	y
12	26-Oct	HOLIDAY STNSTORE 0199 CHANHASSE	\$ 22.98	Data Collection	100802	y
21	2-Nov	NOR*NORTHERN TOOL 800-222-5	\$ 546.71	Data Collection	100802	y
23	16-Nov	SHOPFLS SHOPFLS.MY	\$ 384.50	Data Collection	100802	y
25	16-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 144.99	Data Collection	100802	y
26	16-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 19.98	Data Collection	100802	y
27	16-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 6.10	Data Collection	100802	y
29	17-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 296.48	Data Collection	100802	y
37	20-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 299.99	Data Collection	100802	y
41	20-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 49.11	Data Collection	100802	y
			\$ 3,423.36	Data Collection Total		
1	20-Oct	FRATTALLONE'S EDEN PRA EDEN PRAI	\$ 2.82	Education & Outreach	93002	y
4	23-Oct	MINNESOTA ASSOC OF WAT 999-99999	\$ 75.00	Education & Outreach	93002	y
5	24-Oct	BENT CREEK GOLF CLUB 952-93707	\$ 250.00	Education & Outreach	93002	y
6	24-Oct	VISTAPR*VistaPrint.com 866-89367	\$ 102.95	Education & Outreach	93002	y
10	25-Oct	JT & A 703-631-8	\$ 1,461.58	Education & Outreach	93002	y
11	26-Oct	OVR*O.CO/OVERSTOCK.COM 800-84324	\$ 177.49	Education & Outreach	93002	y
30	20-Nov	OFFICE DEPOT #3364 800-463-3	\$ 11.28	Education & Outreach	93002	y
31	20-Nov	OFFICEMAX/OFFICE DEPOT 800-463-3	\$ 22.56	Education & Outreach	93002	y
32	20-Nov	OFFICE DEPOT #1090 800-463-3	\$ 120.26	Education & Outreach	93002	y
34	20-Nov	OFFICE DEPOT #1090 800-463-3	\$ 208.03	Education & Outreach	93002	y
36	20-Nov	SHUTTERFLY 800-986-1	\$ 330.02	Education & Outreach	93002	y
39	20-Nov	AMAZON.COM AMZN.COM/BI AMZN.COM/	\$ 90.18	Education & Outreach	93002	y
42	20-Nov	AMAZON MKTPLACE PMTS AMZN.COM/B	\$ 19.95	Education & Outreach	93002	y
			\$ 2,872.12	Education & Outreach Total		
13	26-Oct	EDDIE BAUER 911 EDEN PRAI	\$ 96.77	Manager Advisory	70402	y
19	27-Oct	MINNESOTA ASSOC OF WAT 999-99999	\$ 85.00	Manager Advisory	70402	y
			\$ 181.77	Manager Advisory Total		
20	27-Oct	RANDYS SANITATION DELA 763-97233	\$ 51.04	Office Expense	170402	y
28	17-Nov	MSFT * E050040N78 E050 800-642-7	\$ 161.10	Office Expense	170402	y
33	20-Nov	OFFICEMAX/OFFICEDEPOT6 800-463-3	\$ 15.80	Office Expense	170402	y
35	20-Nov	U OF M BKSTRS WEBSITE 612-625-5	\$ 2,599.00	Office Expense	170402	y
			\$ 2,826.94	Office Expense Total		
14	26-Oct	PROV FR CR MCDONALDS SA #	\$ (16.77)	refund for unauthorized use	170402	y
15	26-Oct	PROV FR CR 4002 BOSE CORP SST #	\$ (750.82)	refund for unauthorized use	170402	y
			\$ (767.59)	refund for unauthorized use Total		
			\$ 10,200.40	Grand Total		



ACCOUNTING • TAX • ADVISORY SERVICES

www.JMSCfuturity.com

Moving People
and
Business Forward

Riley Purgatory Bluff Creek
Watershed District
Eden Prairie, MN

To the Board of Managers:

Accountant's Opinion

The Riley Purgatory Bluff Creek Watershed District is responsible for the accompanying November 30, 2017 Treasurer's Report in the prescribed form. We have performed a compilation engagement in accordance with the Statements on Standards for Accounting and Review promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the Treasurer's Report nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by the Riley Purgatory Bluff Creek Watershed District. Accordingly, we do not express an opinion, a conclusion, nor provide any form of assurance on the Treasurer's Report.

Reporting Process

The Treasurer's Report is presented in a prescribed form mandated by the Board of Managers and is not intended to be a presentation in accordance with accounting principles generally accepted in the United States of America. The reason the Board of Managers mandates a prescribed form instead of GAAP (Generally Accepted Accounting Principles) is this format gives the Board of Managers the financial information they need to make informed decisions as to the finances of the watershed.

GAAP basis reports would require certain reporting formats, adjustments to accrual basis and supplementary schedules to give the Board of Managers information they need, making GAAP reporting on a monthly basis extremely cost prohibitive. An outside independent auditing firm is retained each year to perform a full audit and issue an audited GAAP basis report. This annual report is submitted to the Minnesota State Auditor, as required by Statute, and to the Board of Water and Soil Resources.

The Treasurer's Report is presented on a modified accrual basis of accounting. Expenditures are accounted for when incurred. For example, payments listed on the Cash Disbursements report are included as expenses in the Treasurer's Report even though the actual payment is made subsequently. Revenues are accounted for on a cash basis and only reflected in the month received.

JMSC, PLLC
St. Louis Park, MN
December 28, 2017



Wetland Conservation Act Review of Avienda

December 18, 2017




Background

- Wetland Conservation Act (WCA) – MR 8420
- Applicant submits application to LGU
- LGU has 10 days to determine if complete
- If complete, LGU submits Notice of Application for 15-30 day comment period; possible TEP meeting
- LGU considers comments; makes decision within 60 days (or extends decision period)
- LGU submits a Notice of Decision




Background

- City is Local Government Unit (LGU) for WCA
- Technical Evaluation Panel (TEP)- provides guidance on WCA items if requested
 - Board of Water and Soil Resources
 - Soil and Water Conservation District
- MnRAM – State approved method for evaluating the functions and values of wetlands; Preserve, M1, M2, M3



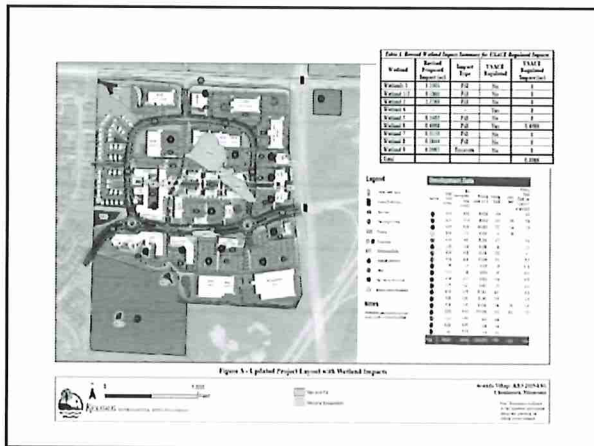
Avienda Application


- Complete application March 14, 2017
- WCA Notice of Decision March 17, 2017
- 60-day extensions waiting for additional information from applicant
 - Avoidance and minimization analysis (sequencing)
 - Stormwater analysis including analysis of secondary impacts and nondeg evaluation
 - Evaluation that lost functions and values are adequately replaced
 - Information that wetland outlets are shown in their existing conditions



Avienda Application


- Applicant submitted additional information June 5
- TEP, applicant, RPBCWD meeting July 11 – more information still needed
 - Avoidance and minimization analysis (sequencing)
 - Stormwater analysis including analysis of secondary impacts and nondeg evaluation
 - Evaluation that lost functions and values are adequately replaced
 - Clarification of wetland impact plans/figures
- 60 Day decision timeline extended
- October 9 and November 20 submittals from applicant. Requested sequencing flexibility and provided stormwater models.
- TEP meeting November 30







Avienda Application

Wetland Number	Wetland Type	Wetland Acreage	Impact Acreage (fill and excavate)	Fill or Excavate	Wetland Management Class
Wetland 1	1, 3	1.1001	1.1001	F	Manage 2
Wetland 1/2	1, 2	0.1860	0.1860	F	Manage 2
Wetland 2	1, 2, 5	2.2569	2.2569	F	Manage 2
Wetland 3	1	0.6696	0	NA	Manage 2
Wetland 4	1	0.1253	0	F	Manage 2
Wetland 5	1	0.3483	0.3483	F	Manage 3
Wetland 6	1	0.5302	0.4986	F	Manage 2
Wetland 6	1	0.2514	0		Manage 2
Wetland 7	1	0.0150	0.0150	F	Manage 3
Wetland 8	1	0.0844	0.0844	F	Manage 3
Wetland 9	1	0.0985	0.0985	F	Manage 3
Wetland 10	1	0.0740	0	NA	Preserve
TOTAL		5.6406	4.5878		

- 
- ### Avienda Application
- Fill 4.5878 acres wetland
 - Mitigation proposed at 2:1 ratio by purchase of wetland credit in Blue Earth, Stevens, and Rice County (Lyon as back-up)
 - Project and mitigation are within the same Bank Service Area (major subwatershed)
 - Requested sequencing flexibility in WCA rule


- 
- ### WCA Decision Process/ Considerations
- LGU reviews wetland delineation, wetland types, and MnRAM functions and values
 - At July 11 TEP meeting, the LGU and TEP concurred with the wetland delineation, types, and MnRAM functions and values

	2016 Application			City's Plan
	Cowardin	Circular 39	Management Class	Management Class
Wetland 1	PEMAd	T1	M2	M2
	PEMcd	T3		
Wetland 2	PUBG	T5	M2	M2
	PEMbd	T2		
	PEMAd	T1		
Wetland 3	PEMA	T1	M2	M3
Wetland 4	PEMAd	T1	M2	
Wetland 5	PEMAd	T1	M3	
Wetland 6	PEMAd	T1	M2	M2
Wetland 7/8	PEMAd	T1	M3	
Wetland 9	PEMAd	T1	M3	
Wetland 10	PFO1A	T1	P	



WCA Decision Process/ Considerations

- Applicant requesting sequencing flexibility (MR8420.0520 Subp 7a)
- May be allowed by LGU if one of four conditions met
- If allowed, specific sequencing (MR 8420.0520 Subp. 1-7) for avoidance and minimization do not apply



WCA Decision Process/ Considerations

- Subpart 7a.A.1. Impacted wetland is degraded to point where replacement would result in certain gain in function and value
 - Findings: This condition is met
 - Wetlands 1, 2, 5, 6, 7, 8, and 9 are M2 and M3
 - Wetland mitigation is Preserve
 - Mitigation within same Bank Service Area – allowed by 8420.0522 Subp 7A.4
 - Future project within Chanhassen to recognize local functions and values (escrow)



WCA Decision Process/ Considerations

- Subpart 7a.A.2. Avoidance of wetland would result in severe degradation of wetland.
 - Findings: Not enough information provided to determine. Condition not met



WCA Decision Process/ Considerations

- Subpart 7a.A.3. Upland site for replacement has greater ecosystem function and value than the wetland and applicant agrees to perpetually preserve the upland site.
 - Findings: BCOD has high quality vegetated community; protects bluff and downstream areas. Perpetual conservation easement over the BCOD will be created. Condition met as there is perpetual protection for high quality upland area.



WCA Decision Process/ Considerations

- Subpart 7a.A.4. Wetland is a site where health and human safety is a factor.
 - Findings: This condition does not apply



WCA Decision Process/ Considerations

- Subpart 7a.B. Sequencing cannot be implemented unless alternatives have been considered and replacement plan is certain to provide equal or greater values.
 - Findings: Applicant provided analysis of alternatives. The alternatives either had similar or greater impacts. Alternatives have been considered. Replacement plan provides greater function and value based on MnRAM. Additionally, project escrow will be obtained.



WCA Decision Process/ Considerations

- Stormwater analysis
 - Lake Susan and Bluff Creek watershed
 - Hydrology modeling indicates remaining on site wetlands and MnDOT off site wetlands will not be negatively impacted by project
 - Nondegradation analysis shows project will meet the requirements
 - Note – this review is for WCA; not RPBCWD requirements



RPBCWD Comments

- Disagrees with use of MnRAM assessment to evaluate functions and values due to location of project
- Disagrees that replacement certain to have higher functions and values
- Provided correction that not all wetlands on site have been degraded by ag and grading. (City corrects that wetlands 1, 2, 5, 9 was what was referenced in packet; RPBCWD does not agree with City assessment of Wetland 2)
- Do not agree that BCOD is only location for mitigation as other city locations were provided to applicant



City response to RPBCWD Comments

- Process is to follow the WCA rule
- Rules were reviewed against application
- MnRAM is an approved method to evaluate functions and values – State approved; most frequent methodology; city uses MnRAM to determine classification and buffer widths
- MnRAM shows greater function and value with replacement sites
- WCA allows replacement in same BSA when using banking
- Escrow will allow for future wetland/stormwater project in city
- TEP concurred with findings



City response to RPBCWD Comments

- Process to locate other mitigation within city
 - City staff provided the applicant with possible wetland mitigation areas within the city
 - Applicant looked at numerous sites within city
 - Sites were not conducive to providing enough WCA credit



Recommendation

- Recommend approval of WCA replacement plan and sequencing flexibility with the following conditions (to be met before wetland impact):
 1. Bluff Overlay district preserved in perpetuity in conservation easement
 2. \$300,000 escrow be provided for future wetland/stormwater improvement project in city
 3. Completed Withdrawal of Banking credits be provided for review and signature
 4. Provide proof of withdrawal of wetland banking credits
 5. Engineering plans of the design of the stormwater system that at least meets the outcomes of the stormwater model provided with the WCA application be submitted to the City Engineer for review and approval prior to grading



**CITY OF CHANHASSEN
CARVER AND HENNEPIN COUNTIES, MINNESOTA**

DATE: December 18, 2017 **RESOLUTION NO:** 2017-77

MOTION BY: McDonald **SECONDED BY:** Tjornhom

**RESOLUTION APPROVING THE WETLAND CONSERVATION ACT REPLACEMENT
APPLICATION AND SEQUENCING FLEXIBILITY WITH CONDITIONS FOR THE
AVIENDA PROJECT**

WHEREAS, the City of Chanhassen is the Local Government Unit (LGU) for the Wetland Conservation Act (WCA); and

WHEREAS, the LGU for the WCA must ensure that the applicant has met the requirements of Minnesota Rule 8420; and

WHEREAS, Level 7 Development, LLC, has applied for a WCA permit with the City of Chanhassen as the LGU for the WCA for the proposed Avienda project, a 115-acre development project for a Regional Lifestyle Center; and

WHEREAS, the developer is proposing to impact 4.5878 acres of WCA regulated wetland; and

WHEREAS, Wetland mitigation is proposed through the purchase of wetland bank credit. Three banks and one back-up bank have been identified and are within the same Bank Service Area (BSA) as the project; and

WHEREAS, the project meets the requirements for sequencing flexibility.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Chanhassen, Minnesota, that the Wetland Conservation Act Replacement Application and Sequencing Flexibility for the Avienda project be approved with the following conditions:

1. The 20-acre Bluff Overlay District in the southwest of the project area be preserved in perpetuity through a conservation easement.
2. A \$300,000 escrow be provided by the applicant for a future wetland/stormwater improvement project(s) in the city.
3. Complete the Withdrawal of Banking Credits form for LGU review and signature.
4. Provide proof of withdrawal of the wetland banking credits from the banks once the withdrawal is completed.
5. Engineering plans of the design of the stormwater system that at least meets the outcomes of the stormwater model provided with the WCA application be submitted to the City Engineer for review and approval prior to grading.

Passed and adopted by the Chamhassen City Council this 18th day of December, 2017.

ATTEST:



Todd Gerhardt, City Manager


YES

Laufenburger
McDonald
Tjornhom
Campion

NO

ABSENT

Ryan



Denny Laufenburger, Mayor