

AGENDA
Sunrise River Watershed Management Organization Meeting
Thursday, January 16, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for November 2, 2017
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. Solicit professional services for 2018
 - B. Lower St. Croix One Watershed One Plan (1W1P) update
 - a. Board member representing SRWMO on the 1W1P planning initiation board
 - C. SRWMO Watershed Management Plan update
7. New Business
 - A. 2019 budget
 - B. Watershed-based funding (aka "fund the plan")
 - a. Board member representing SRWMO at the Anoka County funding meetings
8. Mail
9. Other
 - A. Authorize website update expenses
10. Invoice(s) approval
 - A. ACD Invoice #2017316 for administrative assistance \$640
 - B. Recording secretary invoice for January \$175.
 - C. City of East Bethel invoice for check stock \$118.03
 - D. MCIT invoice which is due 1/31/18
11. Adjourn

Sunrise River Water Management Organization
Meeting Minutes for Thursday, January 16, 2018

The meeting was called to order at 6:40 pm by Vice-Chair Mager.

Board Members Present: Paul Enestvedt, Scott Heaton, Tim Harrington, Denny Peterson, Dan Babineau, Leon Mager

Others Present: Jamie Schurbon (Anoka Conservation District, ACD), Sharon LeMay (ACD), Tim Peterson (Linwood Twp alternate)

3. Approval of Agenda **Mr. Harrington moved and Mr. Peterson seconded to approve the agenda as presented. All in favor. Motion carried.**

4. Approval of Minutes **Mr. Heaton moved and Mr. Peterson seconded to approve the November 2, 2017 minutes as written. All in favor. Motion carried.**

5. Treasurer's Report Treasurer Heaton reported that a treasurer's report was not available. People's Bank of Commerce has transferred ownership and he is working through account access issues. A treasurer's report will be provided at the next meeting. Schurbon requested that a year-end bank statement be provided as soon as available to be used in year-end reporting.

6. Unfinished Business A. Solicit professional services for 2018
Chair Babineau arrived at approximately 6:50pm.

Heaton reported that additional help was needed to make progress on this task. Discussion was that two requests for proposals (RFP) would be sent: (a) 2018 water monitoring and management and (b) 10-year watershed plan update. The 2018 budget lists the tasks for (a), and additional description of the tasks will be taken from previous year's work contracts with ACD. The tasks for (b) will be compiled by utilizing the recent Upper Rum River WMO plan update process, and then sending that draft to MN Board of Water and Soil Resources (BWSR) staff Dan Fabian for review to ensure the list includes all required and advised tasks.

Chair Babineau agreed to lead the process of soliciting services. Discussion was that the 2018 work RFP should be sent to member cities' consulting engineers and the Anoka Conservation District. The 10-year watershed plan update RFP should be sent to the same plus consultants who bid on the recent Upper Rum River WMO plan update. Others who request either RFP should also receive it. The deadline for receiving responses should be March 1.

Babineau moved and Enestvedt seconded to authorize Babineau to oversee preparation of RFPs for 2018 work and 10-year watershed plan updates and distribute them. All in favor. Motion carried.

B. Lower St. Croix One Watershed One Plan (1W1P) Update
Schurbon provided a brief presentation. It was noted that areas with completed 1W1P or the metro are eligible for Watershed-Based Funding.

The board discussed three levels of potential involvement: (1) sign the project Memorandum of Agreement (MOA) and designate a board member to serve on the decision-making Policy Committee, (2) do not sign the project MOA but designate staff (such as watershed planning consultant) to serve on the advisory committee, or (3) do not participate.

The draft MOA was reviewed. Schurbon noted legal reviews by others are still pending. The board discussed probable signing of the MOA, but waiting for a final draft before making this decision.

Motion by Enestvedt and seconded by Babineau to assign Enestvedt as the SRWMO representative on the Lower St. Croix 1W1P Policy Committee and Babineau as an alternate. All in favor. Motion approved.

C. SRWMO Watershed Management Plan Update

Schurbon reviewed the timeline for required update of the SRWMO 10-year Watershed Management Plan, which expires December 31, 2019. The process should begin in early 2018.

The planning process must begin by sending notice to state agencies and others and allowing 60 days for preliminary comments.

Motion by Heaton, seconded by Babineau to authorize \$320 for ACD to prepare and send watershed planning initiation notices by January 30th, 2018. The terms and conditions in the SRWMO's 2017 Water Monitoring and Management contract with ACD shall apply, except the payment shall not be due until task completion. All in favor. Motion carried.

7. New
Business

A. 2019 Budget

Schurbon presented a draft 2019 budget totaling \$59,470 for consideration. It was noted that this budget is higher than most previous years primarily because it includes the 10-year Watershed Management Plan update.

The board provided edits including reduction to the watershed plan update, adjustments to water monitoring, eliminating the cost share grant fund contribution, and increasing administrative assistance hours. The revised draft 2019 budget total is \$50,815.00.

Motion by Mager and seconded by Babineau to authorize sending the revised draft budget to the member communities for ratification. All in favor. Motion carried.

Schurbon will provide the revised budget to the Recording Secretary for distribution to the member communities.

Mager noted that the Water Quality Cost Share Fund has a current balance of approximately \$6,000. Annual uses of that fund have been about \$1,500. The fund is held by ACD, and landowner requests for grants are managed by ACD.

Motion by Mager and seconded by Babineau to request that ACD return \$2,000 from the SRWMO Water Quality Cost Share Fund to the SRWMO. All in favor. Motion carried.

B. Watershed-Based Funding (aka “fund the plan”)

Schurbon briefed the board on these new State funds available. \$826,000 is available throughout Anoka County. This amount needs to be collaboratively divided amongst eligible entities (watershed districts, WMOs, cities, SWCD) by June 30, 2018 or revert to a metro-wide competitive grant pool. The funds may only be used for water quality improvement plans within state-approved water plans, such as the WMO plan, or city local water plans approved by the WMO.

Potential projects for these funds were discussed including: carp management at Linwood Lake (would require a feasibility study first, quote secured for \$9,610.23 and a watershed plan amendment), already-identified and ranked retrofits at Martin or Coon Lake, lakeshore septic system outreach modeled after work at Linwood Lake in 2017, additional carp management at Martin and Typo Lakes or projects identified in the Ditch 20 wetland restoration feasibility study.

Schurbon stated a first meeting of eligible entities to discuss fund distribution will likely be January 31, 2018 from 1-3pm at a location to be determined. The board discussed the need to have a board representative present. None of those in attendance anticipated being able to attend. Schurbon was directed to provide meeting information to all board members, in hopes that someone could attend this and future related meetings.

8. Mail A government census form was received. Treasurer Heaton will take care of it.

9. Other A. Authorize Website Update Expenses

The SRWMO website is built on an old template and \$1,500 was budgeted in 2018 for updates. Due to recent hacking, Schurbon advised updates were urgent.

Motion by Heaton and seconded by Peterson to authorize \$1,500 to ACD for website updates. All in favor. Motion carried.

10. A. ACD Invoice #2017316 for administrative assistance \$640

Invoice(s) B. Recording secretary invoice for January \$175.

Approval C. City of East Bethel invoice for check stock \$118.03

D. MCIT invoice which is due 1/31/18

Motion by Peterson and second by Harrington to authorize payment of ACD invoice #2017316 - \$640, recording secretary (January) - \$175, East Bethel for checks - \$118.03, and MCIT insurance invoice - \$1362. All in favor. Motion carried.

11. Adjourn Before adjournment it was noted that the next scheduled meeting of February 1 should be delayed to match upcoming decisions needed.

Motion by Chair Babineau and seconded by Enestvedt that the February 1, 2018 meeting be moved to March 1, 2018. All in favor. Motion carried.

Motion by Heaton and seconded by Peterson to adjourn. All in favor. Motion carried.

AGENDA
Sunrise River Watershed Management Organization
Annual Meeting
Thursday, March 1, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for January 16, 2018
5. Annual Meeting Items
 - A. Election of Officers
 - B. Hear recommendations on amendments to JPA and the Watershed Management Plan
 - C. Set regular meeting dates through February 2019
 1. May 3, September 6, November 1, January 3, 2019, February 7
6. Treasurer's Report
 - A. Financial report
7. Unfinished Business
 - A. Ratifications received for 2019 budget
 - B. Lower St. Croix One Watershed One Plan (1W1P)
 1. Update
 2. Sign final Memorandum of Agreement
 - C. Watershed based funding (aka "fund the plan")
 1. Update
 2. Minnehaha Creek Watershed District (MCWD) letter to BWSR
 - D. 2018 Upcoming Water Quality Projects discussion
8. New Business
 - A. 2017 work results from ACD
 - B. 2018 work proposals and select consultant
 - C. Watershed Management Plan (Plan)
 1. Review proposals and select consultant
 2. Set watershed planning meetings for 2018
9. Mail
10. Other
11. Invoice(s) approval
 - A. ACD Invoice #2018013 for \$320.00 for assistance with watershed planning initiation notices
 - B. Recording secretary invoice for March \$175
12. Adjourn

Sunrise River Water Management Organization
Annual Meeting
Thursday, March 1, 2018

The meeting was called to order at 6:30 pm.

Present: Chair Babineau, Tim Harrington, Tim Peterson, Sharon Flaherty, Matt Downing

Absent: Leon Mager, Paul Enestvedt, Scott Heaton

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District
Sharon LeMay, Anoka Conservation District Supervisor
Dan Fabian, MN Board of Water and Soil Resources (BWSR)

3. Approval of Agenda **Mr. Peterson moved and Mr. Harrington seconded to approve the agenda as written. Motion carried.**

4. Approval of Minutes **Mr. Harrington moved and Mr. Peterson seconded to approve the January 16, 2018 minutes as written. Motion carried.**

5. Annual Meeting Items A. Election of Officers
Mr. Babineau opened nominations for officers. Mr. Peterson asked Mr. Babineau if he would be interested in continuing to serve as chair? Mr. Babineau responded that he was 50/50 and had reservations. His other obligations would prevent him from fully performing the duties. However, if he was selected he would accept.

Schurbon informed the board that he had spoken with Mr. Enestvedt, who was unable to attend the meeting, earlier in the day. Mr. Enestvedt asked that the board be informed of his willingness to serve in any officer position, if selected by the board.

Mr. Peterson moved and Mr. Harrington seconded to keep the Slate of Officers the same as the previous year – Dan Babineau, Chair, Leon Mager, Vice-Chair, Scott Heaton, Treasurer, Paul Enestvedt, Secretary. Motion carried.

B. Hear recommendations on amendments to JPA and the Watershed Management Plan
No recommendations.

C. Set regular meeting dates through February 2019
Mr. Harrington moved and Mr. Downing seconded to approve the following meeting dates: May 3, September 6, November 1, January 3, 2019, February 7. Motion carried.

6. Treasurer's Report Treasurer Heaton was absent. Chair Babineau reported a beginning balance of \$55,151.73 with two deposits made bringing the balance to \$64,874.73.

7. Unfinished Business A. Ratifications received for 2019 budget
Linwood has approved the budget, East Bethel has it on an upcoming city council agenda, no word from Ham Lake or Columbus.

B. Lower St. Croix One Watershed One Plan (1W1P)

1. Update

Schurbon stated that the deadline for organizations to sign the participation Memorandum of Agreement (MOA) is next week. He also reminded the board of the following :

- This is an umbrella plan under which all the WMO's, WD's and counties in a region operate.
- Identifies regional priorities and lets local agencies continue to focus on local issues.
- Does not dictate what the SRWMO must do but should inform your decisions.
- Does not create a new layer of government. It is implemented cooperatively by the existing watershed organizations.
- Prioritizes how new watershed-based funding (aka fund the plan) will be allocated.
- Paid by a grant from BWSR, except that each watershed organization's participation is not paid.

2. Sign final Memorandum of Agreement

Mr. Schurbon noted all but 2 or 3 organizations have signed the MOA. **Mr. Downing moved and Mr. Harrington seconded to direct Chair Babineau to sign the Lower St. Croix 1W1P Memorandum of Agreement. Motion carried.**

Mr. Schurbon reminded the Board that the Request for Proposals (RFP) for the watershed plan update includes a task for the consultant of attending 1W1P meetings and ensuring the new SRWMO plan is consistent with, or informed by, the 1W1P effort that is occurring simultaneously. The consultant will do that through the 1W1P Advisory Committee. The SRWMO will still need to have a board member on the 1W1P Policy Committee. At the last meeting the Board appointed Paul Enestvedt as your 1W1P Policy Committee representative and Dan Babineau as the alternate. Mr. Downing offered to be a representative. Chair Babineau indicated that he supported being replaced by Mr. Downing as the alternate. **Mr. Peterson moved and Mr. Harrington seconded to appoint Matt Downing as the new alternate. Motion carried.**

C. Watershed Based Funding

1. Update

Watershed Based Funding is the \$826,000 available throughout the county for projects in WMO and watershed district plans. It must be collaboratively split or it reverts to a metro-wide competitive grant pool.

24 representatives of WMOs, Watershed Districts and cities met to discuss this new funding on January 31. No one was present from the SRWMO. Linwood Township, Ham Lake and Columbus were represented. East Bethel staff were not present but anticipate being present at subsequent meetings.

At the first meeting basic program information was discussed and representatives began discussing ways to split the funds. Ideas included: 1. Split funds by WMO/WD. Cities and the Anoka Conservation District would work through their WMO for project funding. 2. County-level competitive. Eligible entities would submit project ideas to a central committee which would select which to fund. 3. Formula-based. Funds might be split based on land area, population, tax base, amount of impervious or wetland surfaces, etc. 4. County-wide program. The funds could be used for a county-wide program, such public education.

A second meeting is planned for Friday, March 9 at 9-11am at Blaine City Hall.

To be eligible to receive these funds the SRWMO MUST send an email to Jamie Schurbon indicating its desire to participate and the name of the designated representative to make decisions for the SRWMO at upcoming Watershed Based Funding meetings. This must be done by 8:30am on March 7. **Mr. Peterson moved and Mr. Downing seconded to participate in the Watershed Based Funding and to direct Chair Babineau to send an email to Jamie Schurbon stating same. Motion carried.**

Mr. Downing moved and Mr. Peterson seconded to appoint Matt Downing as the primary delegate and Paul Enestvedt as the alternate delegate. Motion carried.

Mr. Fabian reminded members that the projects funded with this program must be identified priorities in the Watershed Plan.

2. Minnehaha Creek Watershed District (MCWD) letter to BWSR
The letter from the Minnehaha Creek Watershed District Board of Managers to BWSR expressing concerns regarding BWSR's FY2018 Clean Water Fund Watershed Based Funding Pilot program was reviewed. Those concerns were noted.

D. 2018 Upcoming Water Quality Projects discussion

The SRWMO 2018 budget includes \$8,000 for "upcoming water quality projects." Some projects discussed previously include:

- Remaining Coon or Martin Lake area retrofits. Re-approaching sites and landowners who were previously not interested but may be now.
- Septic system outreach modeled after Linwood Lake 2017 work. This program seems successful at Linwood Lake, but is only beginning the 2nd year of a two-year process.
- Linwood Lake carp management feasibility study. This project would provide recommendations for an area of lake association concern.
- Martin Lake commercial carp removal. ACD already has grant funds to subsidize the fisherman, but it's becoming apparent the amount available may be inadequate to lure him to work at this lake.

All three have merit, and the last of these – a Linwood Lake carp management feasibility study – has received attention since SRWMO’s last meeting. A quote from Carp Solutions Inc. was secured for \$9,610.23 and the Linwood Lake Association has committed to contribute \$1,610.23.

Future management of carp in Linwood Lake can be done with Watershed Based Funding IF a feasibility study is completed and approved by BWSR, and 10% local matching dollars are provided. Requests for Watershed Based Funding must be finalized by June 30. A feasibility study before June 30 may position the SRWMO to use the funds for that purpose. Fabian stated that Watershed Based Funding may be used for the feasibility study, not just implementation of study recommendations. Therefore, there is less urgency to complete the feasibility study by June 30. One benefit of doing a Linwood Lake carp feasibility study now is that it could help inform the upcoming watershed planning and/or be done with Watershed Based Funding.

Options: Direct use of these funds for a selected project and specify it in a 2018 work contract or postpone any decision. If the Board later decides on a different priority project, a minor amendment process would be needed. ACD had no opinion on priority ranking of projects.

The Board discussed using Watershed Based Funding money for the feasibility study cost and using the Linwood Lake Association contribution money as the 10% matching amount. Discussed using funds for not-yet-completed Martin and Coon Lake stormwater retrofits, with emphasis on reconstructing stormwater basins in the west side of Martin Lake. These projects could be done with Watershed Based Funding, using the \$8,000 Upcoming Water Quality Projects as required match.

The board directed that the \$8,000 for Upcoming Water Quality Projects in 2018 be utilized for:

- Carp management feasibility study at Linwood Lake, with \$1,610.23 from the Linwood Lake Association.
- Remaining Martin and Coon Lake stormwater retrofits.

8. New Business

A. 2017 work results from ACD

Mr. Wagner of ACD reviewed the 2017 work results. These are the recommendations from the work results:

- Begin update of the SRWMO Watershed Management Plan no later than May 2018 to be completed by December 2019 when the current plan expires.
- Engage in the Lower St. Croix One Watershed, One Plan process. This plan will identify regional priorities.
- Secure new Watershed Based Funding for SRWMO priority projects. This new program replaces some competitive grants and is aimed at projects in approved water plans. \$826,000 is available in Anoka County to be divided by mutual agreement of eligible entities by June 30, 2018.
- Pursue Linwood Lake management activities. The association has recently become more active and has requested partnerships to manage aquatic invasive

species and improve water quality. Ongoing and upcoming projects include 2018 Boot Lake water quality monitoring, 2017-18 septic system outreach. Projects to consider include an assessment of the carp population and alum dosing.

- Forward wetland restoration projects near Ditch 20 by connecting landowners with State wetland banking programs. A feasibility study was recently completed. Three identified wetland restorations would likely benefit water quality in Typo and Martin Lakes. These are challenging projects from a feasibility and permitting standpoint, but the State wetland banking program may provide the resources and expertise.
- Continue installation of stormwater retrofits around Coon and Martin Lakes where completed studies have identified and ranked projects.
- Promote newly available Septic System Fix Up Grants to landowners, particularly in shoreland areas.
- Identify likely ailing septic systems in shoreland areas. Work done at Linwood Lake in 2017-18 can serve as a model.
- Bolster lakeshore landscaping education efforts. The SRWMO Watershed Management Plan sets a goal of three lakeshore restorations per year. Few are occurring. Fresh approaches should be welcomed.
- Encourage communities to report water quality projects to the SRWMO. An overarching goal in the SRWMO Plan is to reduce phosphorus by 20% (986 lbs.). State oversight agencies will evaluate efforts toward this goal. Both WMO and municipal project benefits should be counted.

B. 2018 work proposals and select consultant

Chair Babineau contacted several consultants to gauge interest in providing the SRWMO with a proposal for 2018 water monitoring and management. He also asked 13 cities for their consultants' contact information. The only one interested in providing a proposal was the Anoka Conservation District. ACD's proposal and a draft contract was reviewed. **Mr. Peterson moved and Mr. Harrington seconded to select Anoka Conservation District for 2018 Water Monitoring and Management and approve the associated Work Contract for \$37,590. Motion carried.**

Mr. Downing asked about chloride monitoring. ACD recommends this monitoring in streams. **Mr. Downing moved and Mr. Peterson seconded to add up to \$450 for chloride testing at two stream water quality monitoring sites (W Branch Sunrise R at Co Rd 7 and S Branch Sunrise R at Hornsby St.) to the 2018 Water Monitoring and Work Contract. The new contract total is \$38,040. Motion carried.**

C. Watershed Management Plan (Plan)

1. Review proposals and select consultant

Babineau informed the board that the Request for Proposals (RFP) water watershed plan updates have not been sent to consultants. Discussed sending out a revised RFP with a new deadline and tasks timeline. **Mr. Peterson moved and Mr. Harrington seconded to direct Chair Babineau to send out new RFP's with a new submission deadline of Monday, March 26, 2018. Motion carried.**

Chair Babineau will revise the RFP as discussed. **Mr. Peterson moved and Mr. Harrington seconded to schedule a meeting on April 5, 2018 to review submissions and select a consultant for the Watershed Management Plan. Motion carried.**

2. Set watershed planning meetings for 2018

Mr. Peterson moved and Mr. Harrington seconded to table this item to the April 5, 2018 meeting. Motion carried.

9. Mail None.

10. Other 1. It was reported that Denny Peterson has been appointed as a representative to the SRWMO for Columbus in advance of the January 16, 2018 meeting. Dan Fabian, BWSR, distributed an Metro Watershed Management Plan Update Guide handout for members to review prior to and use during the new Watershed Management. He also suggested looking at the Middle St. Croix WMO Plan as a sample, as it is about the same size as the SRWMO.

2. Mr. Schurbon noted that the MN Pollution Control Agency will be doing a once-every-ten-years monitoring effort throughout the watershed in 2019-2020. They are accepting requests for monitoring sites. Schurbon suggested that the two outlets of the SRMWO be requested monitoring sites. There was support, and Schurbon will submit that request to MPCA.

11. Invoice Approval **A. Mr. Peterson moved and Mr. Harrington seconded to pay ACD Invoice #2018013 for \$320 for assistance with watershed planning initiation notices. Motion carried.**

B. Mr. Harrington moved and Mr. Peterson seconded to pay the Recording Secretary invoice for March for \$175. Motion carried.

12. Adjourn **Mr. Harrington moved and Mr. Downing seconded to adjourn at 8:58 pm. Motion carried.**

Sunrise River Watershed Management Organization
Annual Meeting
Thursday, April 5, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for March 1, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. Ratifications received for 2019 budget update
 - B. Watershed Management Plan
 1. Review proposals and select consultant
 2. Set watershed planning meetings for 2018
 - C. Watershed Based Funding update (Jamie)
7. New Business
 - A. AIS Prevention Grant
8. Mail
9. Other
10. Invoice(s) approval
 - A. Recording secretary invoice for April \$175.00
12. Adjourn

Sunrise River Water Management Organization Meeting
Thursday, April 5, 2018

The meeting was called to order at 6:30 pm.

Present: Chair Babineau, Leon Mager, Paul Enestvedt, Tim Harrington, Tim Peterson, Sharon Flaherty, Matt Downing, Denny Peterson

Absent: Scott Heaton

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. Peterson moved and Mr. Harrington seconded to approve the agenda with two additions under New Business - 1W1P and Up-front Watershed Plan comments. Motion carried.**
4. Approval of Minutes **Mr. Downing moved and Mr. T. Peterson seconded to approve the March 1, 2018 minutes as written. Motion carried.**
5. Treasurer's Report Treasurer Heaton was absent. Chair Babineau reported a beginning balance of \$64,874.93 with two deposits made and three checks written, bringing the balance to \$70,159.17.
6. Unfinished Business
 - A. Ratifications received for 2019 draft budget
Columbus has approved the draft budget. Waiting to hear from East Bethel and Ham Lake.
 - B. Watershed Management Plan
 1. Review proposals and select consultant
Mr. Mager moved and Mr. D. Peterson seconded to appoint Anoka Conservation District as the official Watershed Management Plan consultant for 2018. Motion carried. Chair Babineau was directed to sign the Contract for Services.
 2. Set special watershed planning meetings for 2018
Suggested dates, along with meeting topics, were presented for late May, June or July, and August through February 2019. **Mr. Enestvedt moved and Mr. D. Peterson seconded to approve May 24 and July 12 as special watershed planning meetings. Motion carried.** These meetings will be held in the East Bethel Senior Center. Mr. Schurbon will draft a map of sites to visit on May 24. Remaining dates will be set at a future meeting.
 - C. Watershed Based Funding update
Mr. Schurbon reported that as of today, \$136,217 could be allocated to the SRWMO. For this to happen, project concepts and back-up projects need to be set in the next couple of weeks. Mr. Schurbon will set up a date in mid-April for member communities' staff members, SRWMO board members, and ACD staff to meet to discuss which projects are priorities and which should be considered as back-up

projects. Then at the May 3 meeting, a decision will need to be made by the SRWMO Board which priorities/projects to include on the list. These projects must be for water quality improvement only, which includes feasibility studies. ACD is working to secure permission from the U of M (lake owner) to do research on Bootleg Lake.

This funding requires a 10% match which would be \$13,621 over the next three years. Currently, there is \$8,000 in the budget for this type of funding match. Other match funding could come from lake associations.

Mr. Schurbon will use administrative hours toward scheduling and guiding the joint meeting.

7. New Business

A. Aquatic Invasive Species (AIS) Prevention Grant

Purpose: To assist local government agencies, lake associations, and conservation groups in preventing the spread of Eurasian Watermilfoil, Zebra Mussels or other aquatic invasive species to uninfected bodies of water and causing new infestations. **Information:** Grant requests are allowed for up to \$5,000 per lake within Anoka County. Each grant requires a cash or in-kind match of 25% of the total grant request. Grants will be available upon a first come - first serve basis until the 2018 grant funds are depleted. If all grant funds are not used following the first round of applications, a second round of grants will be offered until the grant funds are depleted.

These funds could be used toward a carp project, however, if the WMO does this it may take away from lake associations receiving money. **Mr. Mager moved and Mr. D. Peterson seconded to table this discussion to the May 3 meeting. Motion carried.**

B. One Watershed One Plan (1W1P)

Both Mr. Enestvedt and Mr. Downing will be attending the meeting in late April, along with all future meetings. An update will be given at the May 3 meeting.

C. Up-Front Planning Comments

Mr. Schurbon provided a summary of the up-front watershed plan update comments for the period ending March 30, 2018. It was noted that 3 out of 4 organizations had comments regarding groundwater. Also provided was the Board of Water and Soil Resources (BWSR) Metro Watershed Management Plan Update Guide regarding the process for updating metro watershed plans. The update process is broken up into four major phases: initiate, draft, review and adopt. Each phase consists of required and recommended steps for updating water plans. The next step to be taken by the SRWMO will be to initiate the update process.

8. Mail

Census Bureau information update/request. Chair Babineau will provide the requested information.

9. Other Ms. Gessner shared information on the University of Minnesota's Cedar Creek Ecosystem and Scientific Reserve (CCESR) new study on the effectiveness of bison grazing for oak savannah establishment. The plan calls for releasing bison in a 20- acre parcel along 229th Ave and Durant St. NE in East Bethel. CCESR plans to construct a viewing platform so that the public can view the animals and learn other information about the ecosystem and what takes place at the scientific reserve.
10. Invoice **Mr. Harrington moved and Mr. T. Peterson seconded to pay the Recording**
Approval **Secretary invoice for March for \$175. Motion carried.**
11. Adjourn **Mr. Downing moved and Mr. Harrington seconded to adjourn at 7:45 pm.**
 Motion carried.

Gail E. Gessner, Recording Secretary
Submitted via email on 4/29/18

Sunrise River Watershed Management Organization
Thursday, May 3, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for April 5, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. Ratifications received for 2019 budget update
 - B. Aquatic Invasive Species (AIS) Prevention Grant
 - C. 1W1P meeting update
 - D. Watershed Based Funding project selection (Jamie)
 - E. Planning public officials tour and public input meeting May 24 (Jamie)
 - F. Watershed planning advisory committee formation (Jamie)
7. New Business
 - A. Cooperative weed management area participation (Jamie)
8. Mail
9. Other
10. Invoice(s) approval
 - A. Recording secretary invoice for May \$175.00
 - B. ACD 2018 Monitoring and Management Work Plan Invoice #2018031 payment 1 of 3 \$12,680.00.
11. Adjourn

Sunrise River Water Management Organization Meeting
Thursday May 3, 2018

The meeting was called to order at 6:30 pm.

Present: Chair Babineau, Leon Mager, Paul Enestvedt, Tim Harrington, Tim Peterson, Sandy Flaherty, Matt Downing, Denny Peterson

Absent: Scott Heaton

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. D. Peterson moved and Mr. Downing seconded to approve the agenda with one addition under New Business - Elections. Motion carried.**

4. Approval of Minutes **Mr. D. Peterson moved and Mr. Enestvedt seconded to approve the April 5, 2018 minutes as written. Motion carried.**

5. Treasurer's Report Chair Babineau reported a 4/4/18 beginning balance of \$70,159.17 with one deposit made, bringing the balance to \$80,711.74. **Mr. T. Peterson moved and Mr. Harrington seconded to approve the treasurer's report as presented. Motion carried.**

Ms. Gessner reported a verbal resignation was received from Scott Heaton. Both Mr. Downing and Ms. Flaherty confirmed Mr. Heaton's resignation was received by Ham Lake and that they are now the two appointed representatives for Ham Lake.

6. Unfinished Business A. Ratifications received for 2019 draft budget update
All ratifications have been received from member communities. **Mr. D. Peterson moved and Mr. Harrington seconded to approve the 2019 budget for \$50,815.00. Motion carried.**

B. Aquatic Invasive Species (AIS) Prevention Grant
The consensus of the Board was to not apply for this grant, as it could possibly take money away from lake associations/groups. If requested, the SRWMO will write a letter of support for the Coon Lake Improvement Association.

C. 1W1P meeting update
This was the first meeting of policy setting, items discussed were: An overview of the program, by-laws, north and south zones for splits, hiring a consultant, public outreach, and a boat ride on the St. Croix. A staff level committee and an advisory committee have been formed.

D. Watershed Based Funding update

Summary

On Thursday, April 26 a meeting was held with SRWMO, ACD and community representatives to discuss project ideas for Watershed Based Funding. This group has

developed project recommendations for the SRWMO Board's consideration. This Board is asked to approve that list with or without changes.

Background

The county-wide watershed based funding group has set preliminary funding allocation amounts per watershed. The preliminary amount for the Sunrise River watershed is \$162,341. Eligible recipients are the SRWMO, ACD and member communities. It must be spent on water quality improvement projects consistent with the SRWMO plan. Funds expire Dec. 31, 2021.

The county-wide group has directed that each watershed organization shall make final project selections in its area. SRWMO must solicit project ideas from the communities and ACD. This occurred at the April 26 meeting noted above.

April 26 Meeting Summary

Those present included: Nate Ayshford (East Bethel Public Works Director), Tim Harrington (EB City Councilmember and SRWMO board member), Dan Babineau (SRWMO Chair, also representing Linwood at this meeting), Sandy Flaherty (SRWMO Board member from Ham Lake), Paul Enestvedt (SRWMO Board member from Linwood) and Jamie Schurbon (Anoka Conservation District). Staff from Columbus and Ham Lake were invited twice before the meeting. Mr. Schurbon left them messages after the meeting to provide an update.

Projects discussed were selected by the group (underlined). An Excel spreadsheet with full details was provided separately. BWSR has pre-approved these three priorities.

- **Priority #1 Stormwater Retrofits for Lake Water Quality** Includes projects identified in stormwater retrofit studies, specifically noting reconstruction of two stormwater ponds on west side of Martin Lake, two of six rain gardens and one swale near Martin Lake, and Coon Lake area stormwater diversions or rain gardens. Work includes promotion, designs and installation. \$145,000 grant funds \$14,500 local matching funds, some may come from city staff time.
- **Priority #2 Linwood Lake Carp Management Feasibility Study** Estimate abundance and biomass and age structure and produce a report of management recommendations of carp for water quality. Study Anoka Conservation District 1318 McKay Drive NE, Suite 300 Ham Lake, Minnesota 55304 Ph: 763-434-2030 Fx: 763-434-2094 www.AnokaSWCD.org will inform SRWMO Watershed Planning. Work to be done by Carp Solutions, Inc. ACD could do contracting, oversight and management. \$10,000 grant funds \$1,000 local matching funds.
- **Priority #3 Lakeshore Restorations Outreach and Construction** Outreach to improve homeowner positive responses to lakeshore restorations toward the SRWMO goal of 3 per year and increase other voluntary lakeshore stewardship for water quality. \$7,341 grant funds \$734.10 local match.
 - Alum Treatment Feasibility Study for Martin, Linwood and Typo Lakes Not selected because cost didn't fit into budget after other priorities included and concerns that practice may be so effective that clearer water will result in plant growth beyond residents' tolerance. \$71,363.

- Road Deicing Technology for Communities Not selected because communities present were not ready, and cost may not fit within budget after other priorities are included. \$??
- Street Sweeping Not selected because Martin Lake neighborhoods may be only paved areas with direct drainage to lakes that are not swept, and it may be inefficient to do such a small area. It was noted that in the future Linwood could join six other communities in a joint road services contracting – in this way it would not have to do bidding on its own. \$??
- Groundwater Conservation ACD is part of a metro-wide program offering water use assessments (like an energy audit) for campuses like schools, community centers and others. The goal is to identify water saving options and put it into financial terms. At one school done to date we found 2/3 reduction in water use could be achieved with certain fixture replacements. The payback period for the investments, based on their water bills, would be 2.5 years. Not selected because groundwater conservation is not a focus area in the SRWMO plan. \$ variable.

Amongst these options, priority #3 may deserve additional discussion. This could be accomplished in two ways: 1. SRWMO does outreach. 2. SRWMO provides additional funding to county-wide outreach program, with a request that education in your area focus on lakeshore stewardship. This might be a way to support development of consistent regional messaging. Outreach will go beyond pamphlets and paper, actual demonstrations can be given, homeowners could be shown what can be done with someone sitting down with them to figure this out. If SRWMO wants to have funds for lakeshore restoration installations, it can come from its existing cost share program or part of the Watershed Based Funding. Either way, amounts are small.

Matching funds (approx. \$16,000) can be paid over three (3) years. Three options are: 1) \$8,000 is approved from the 2018 budget and \$10,000 is approved from the 2019 budget. 2) Linwood Lake Association has committed \$1,610.38 previously for the carp feasibility study. Now a \$1,000 match is needed. This Board could ask the lake association to pay this amount or split the match with the SRWMO. 3) Request more funds from the cities, particularly where stormwater retrofits are installed. However, this might not make much sense given the SRWMO “upcoming projects” funds are already coming from the cities.

Mr. Mager moved and Mr. Downing seconded to approve Priority #1 Stormwater Retrofits for Lake Water Quality, Priority #2 Linwood Lake Carp Management Feasibility Study, and Priority #3 Lakeshore Restorations Outreach and Construction with one amendment to Priority #2 being Linwood Lake Association to contribute \$500 with the SRWMO matching this amount. Motion carried.

Fiscal Agent? Someone needs to be the fiscal agent for grant funds for each project. At the April 26 meeting, it was discussed that ACD may be the right fit as the fiscal agent because stormwater retrofits occur in multiple communities and ACD may manage these projects if the SRWMO wishes. Administration costs have been added into the project budget presented. **Mr. Downing moved and Mr. T. Peterson seconded to appoint Anoka Conservation District as the fiscal agent. Motion carried.**

Next steps

- County-wide group meets May 16. Funding allocations may be edited. SRWMO project priorities will be shared. Scope and cost of county-wide outreach program will be discussed.
- June 30 deadline to submit project lists to BWSR.

E. Planning public officials tour and public input meeting May 24

Invitations have been sent to public officials. ACD will have specific items set up at each tour stop. Mr. Schurbon will be the moderator at the public meeting and will address some suggested topics made by the board.

F. Watershed planning advisory committee formation

The SRWMO is required to have advisory committees during preparation of the new watershed management plan. ACD's recommendations are:

Citizen Advisory Committee (CAC)

Include: 1) Participants in the public input kickoff meeting, excluding those that sign an 'opt out' form. 2) Lead officer from each lake association. 3. Others who express interest, at the SRWMO board's discretion.

Technical Advisory Committee (TAC)

Include: 1) A staff person from each member community. 2) State review agencies and the Metropolitan Council - one staff from each. For the advisory committee, a lead officer or assigned rep needs to be appointed. The TAC typically meets three times per year.

These committees will periodically be called upon to provide feedback during the planning process. Mostly, that can be accomplished by inviting them to regular SRWMO planning meetings.

Mr. T. Peterson moved and Mr. Enestvedt seconded to approve the Citizen Advisory Committee with the formation to include 1) Participants in the public input kickoff meeting, excluding those that sign an 'opt out' form. 2) Lead officer from each lake association. 3. Others who express interest, at the SRWMO board's discretion, and the Technical Advisory Committee with the formation to include 1) A staff person from each member community. 2) State review agencies and the Metropolitan Council - one staff from each. Motion carried.

7. New
Business**A. Cooperative weed management area participation**

The Anoka Conservation District has secured a \$20,000 grant with \$5,000 required match for cooperative weed management in Anoka County. This will be a collaboration of cities, ACD and others that manage weeds. Some priority weeds are garlic mustard, buckthorn and leafy spurge. The SRMWO has been invited to participate.

Considerations: 1) This program is for terrestrial weeds only, not aquatics. 2) Each of the SRWMO member communities is invited to participate. So far Ham Lake, East Bethel and Linwood are participating.

Participation would primarily mean attending planning and priority setting meetings. The SRWMO could be involved in weed management efforts or encourage the partnership to do so in your locality. It does not need to cost the SRWMO anything except time.

Mr. Downing moved and Mr. D. Peterson seconded to participate in the Anoka Co Cooperative Weed Management Area. Motion carried.

Chair Babineau moved and Mr. T. Peterson seconded to approve Mr. Downing to represent the SRWMO at meetings and approve Ms. Flaherty as a back-up to Mr. Downing. Motion carried.

B. Elections

Mr. T. Peterson moved and Mr. Harrington seconded to nominate Matt Downing as the Treasurer. Motion carried.

8. Mail No mail.

9. Other No other business.

10. Invoice A. **Mr. Harrington moved and Mr. T. Peterson seconded to pay the Recording Approval Secretary invoice for May for \$175. Motion carried.**

B. Chair Babineau moved and Mr. D. Peterson seconded to pay the ACD 2018 Monitoring and Management Work Plan Invoice #2018031 payment 1 of 3 for \$12,680.00. Motion carried.

11. Adjourn **Mr. Mager moved and Mr. Downing seconded to adjourn at 7:28 pm. Motion carried.**

Gail E. Gessner, Recording Secretary

Submitted via email on 5/20/18

Edited version submitted via email on 6/5/18

Sunrise River Watershed Management Organization
Thursday, July 12, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for May 3, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. St. Croix 1W1P update
 - B. St. Croix Workshop on the Water (WOW) update – Dan Babineau
 - C. Watershed Plan update
 1. Review May 24 public officials tour and public input meeting
 2. Evaluate current watershed plan and develop vision for next plan
 3. Review regional and city plans, ordinances and studies. Identify gaps and commonalities.
 4. Next steps
7. New Business
8. Mail
9. Other
 - A. Determine if a quorum will be present for the August 2 meeting
10. Invoice(s) approval
 - A. Recording secretary invoice for July \$175.00
 - B. ACD 2018 Monitoring and Management Work Plan Invoice #2018031 payment 2 of 3
\$12,680.00
11. Adjourn

Sunrise River Water Management Organization Meeting
Thursday July 12, 2018

The meeting was called to order at 6:30 pm.

Present: Chair Babineau, Leon Mager, Paul Enestvedt, Tim Harrington, Tim Peterson, Matt Downing,

Absent: Dennis Peterson, Sandy Flaherty

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor
Dan Fabian, Mn Board of Water and Soil Resource (BWSR)

3. Approval of Agenda **Jamie S requested to add item under 9. Other “B. Local Water Plan Reviews” Mr. Peterson moved and Mr. Downing seconded to approve the agenda with one addition under Other. Motion carried.**

4. Approval of Minutes **Mr. Peterson moved and Mr. Enestvedt seconded to approve the May 3, 2018 minutes as written. Motion carried.**

5. Treasurer's Report Mr. Downing reported a June 2018 beginning balance of \$68,031.74 with no deposits or checks during the month, keeping the balance at \$68,031.74.

Mr. Downing, who recently became the SRWMO Treasurer, reported that he went to bank to become signer. It was reported that Mike Jeziorski, East Bethel Finance Director, suggested he should be removed as a signer because he prepares the checks. Mr. Mager agreed that he could be a third signing if the board wishes. **Mr. Peterson moved and Mr. Downing seconded to authorize adding Mr. Mager as third signer on the SRWMO bank account at First Bank and Trust and removing Mike Jeziorski as a signer. Motion carried.**

Subsequent to this action authorized signers on the bank account will be Mr. Mager, Mr. Downing and Mr. Babineau.

6. Unfinished Business A. St. Croix One Watershed, One Plan (1W1P) update
Mr. Schurbon gave an update on the recent 1W1P activity. There is a consultant on board, and so far administration has been the focus. There is a boat tour scheduled in Taylors Falls on 8/27/2018.

B. St. Croix Workshop on the Water (WOW) update
Mr. Downing, Mager, and Peterson attended and gave update from their attendance at this recent workshop. There were over 120 attendees for the 4 hour workshop. DNR and Parks gave a session on carp, St. Croix history, and native mussels. In another session participants gave input on watershed planning through posters and discussion. The final session was about volunteer networks and “Adopt a Storm Drain” which has little relevance in SRWMO because there are few storm drains.
Overall, the sentiment was there was not enough discussion about 1W1P.

C. Watershed Plan update

Mr. Schurbon gave an overview of the process of updating the SRWMO Watershed Management Plan including completed tasks, tasks for this meeting, and upcoming tasks.

1. Review May 24 public officials tour and public input meeting

Mr. Schurbon presented a summary of the May 24 Officials' Tour and Kickoff Meeting. The new watershed plan will include the event summary. It was noted that participants ranked priorities of water quality, septic systems, aquatic invasive species and water monitoring are the same as in the current SRWMO Plan. One audience absent from this event were city staff and city council members (aside from those serving on the SRWMO board). A notable piece of verbal public input was to work more closely during the planning process with public land managers including the MN DNR and Anoka County Parks.

2. Evaluate current watershed plan and develop vision for next plan

Mr. Schurbon noted that State Rules for the plan update process require evaluating the current watershed plan. He asked the Board members to complete a questionnaire about the previous watershed plan. Discussion included:

- The plan length is about right.
- Expenditures to various expense categories were about right but more project cost share grants to landowners are desired, particularly for shoreline restorations.
- More outreach and education is needed and it should be on a more personal level to be effective.
- Outreach should be structured to promote project installations.
- More DNR enforcement of illegal shoreline alterations is needed.
- Septic system failures continue to be a problem. Detection of problem systems and offering assistance to fix them is important.

These comments, along with additional comments from questionnaires filled out by board members will be compiled into a summary. That summary will be included in the new watershed plan, as required.

Mr. Schurbon asked the board members to complete another questionnaire regarding their vision for the new watershed plan. Discussion included:

- The new watershed plan should be reviewed and updated/amended every two years during its life.
- A desire for more cost share grants that encourage residents to do water quality projects. This may be a way to get more work done with minimal additional expenditure.
- Increased community awareness of the SRWMO and water quality is needed.

These comments, along with additional comments from questionnaires filled out by board members will be compiled into a summary. That summary will be included in the new watershed plan, as required.

There was discussion about how to get city councils and staff involved in the watershed planning process so their input can be incorporated. Discussion included:

- Watershed Based Funding is an incentive for strong city participation. City projects are eligible for this funding only if they are in the SRWMO Plan.
- Planning updates can be given to city councils and staff at planning milestones such as priority setting. An update to them about the May 24 planning kickoff event may be in order. Having city staff help give these presentations may be useful.
- City staff should serve on the planning technical advisory committee. That committee may want to meet relatively soon to discuss Watershed Based Funding implications for planning, comparisons of city water-related ordinances, and local water plan updates that are currently ongoing.

3. Review regional and city plans, ordinance and studies. Identify gaps and commonalities.

Schurbon provided a written summary of a review of city local water plans, plan of neighboring watershed organizations, city ordinances, and other studies and plans. In all, ACD staff reviewed 4,000 pages of such information. Discussion included:

- Streamlining and adding clarity to linkages between the SRWMO plan, city water plans and city ordinances is desirable. City local water plans and ordinances do not always have clear linkages or consistency. Some city ordinances with respect to water are unclear about their requirements, or residents may have a difficult time navigating them.
- The SRWMO area has an unusually high number of high quality natural areas, but only two of four communities have ordinances that require this be considered during the development process.
- TMDL studies and the Sunrise River Watershed Restoration and Protection Strategies (WRAPS) provide technical information and guidance for the SRWMO plan.

The written summary provided by Schurbon will be included in the new watershed plan, as required.

7. New Business None

8. Mail No mail.

9. Other A. Determine if enough members will be present for quorum on 8/2/2018
 All in attendance anticipated attending the August 1, 2018 meeting, so a quorum should be attained. The meeting date was not changed.

B. Local Water Plan Reviews

A letter was received from the consultant that did the Columbus Comp and Water Plans, requesting SRWMO review. Mr. Schurbon noted that all cities are undergoing required updates to their local water plans. The SRWMO has approval authorities; these plans

must be consistent with the SRWMO watershed plan. Mr. Schurbon stated he can provide review of city local water plans and provide a recommended action to the board using already-contracted administrative hours. He noted that this task was not anticipated when the number of hours were contracted, and may cause a shortages of hours later in the year. Mr. Schurbon asked if he should proceed with the work, and there were no objections.

10. Invoice Approval **A. Members tabled item to pay the Recording Secretary invoice for July of \$175.** The Recording Secretary was absent from this meeting, and it was unclear whether the invoice was for work at the present meeting or a previous meeting.
- B. Mr. Mager moved and Mr. Peterson seconded to pay the ACD 2018 Monitoring and Management Work Plan Invoice #2018031 payment 2 of 3 for \$12,680.00. Motion carried.**
11. Adjourn **Mr. Peterson moved and Mr. Downing seconded to adjourn at 8:00 pm. Motion carried.**

Jared Wagner, Anoka Conservation District
Submitted via email on 7/16/18

Sunrise River Watershed Management Organization
Thursday, August 2, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for July 12, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
7. New Business
 - A. Columbus LWP review and WMO approval consideration
 - B. Columbus comprehensive plan review and comment
 - C. Lower St. Croix One Watershed, One Plan priorities input
 - D. Lower St. Croix One Watershed, One Plan Aug 27 boat workshop – Taylors Falls (informational only)
8. Mail
9. Other
10. Invoice(s) approval
 - A. Recording secretary invoice for August \$175.00
 - B. ACD invoice #2018127 for watershed planning for \$6,930.90
 - C. Recording secretary July invoice tabled at last meeting
11. Watershed plan update work session
 - A. Evaluation of current watershed plan – summary from previous meeting
 - B. Issues prioritization
12. Adjourn

Sunrise River Water Management Organization Meeting
Thursday August 2, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

Present: Leon Mager, Paul Enestvedt, Tim Harrington, Tim Peterson, Sandy Flaherty, Matt Downing,

Absent: Chair Babineau, Denny Peterson

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor
Dan Fabian, MN Board of Water and Soil Resources (BWSR)

3. Approval of Agenda **Mr. T. Peterson moved and Mr. Enestvedt seconded to approve the agenda as written. Motion carried.**

4. Approval of Minutes **Mr. T. Peterson moved and Mr. Downing seconded to approve the July 12, 2018 minutes as written. Motion carried.**

5. Treasurer's Report Mr. Downing reported a July balance of \$68,031.74 with a total of \$13,030.00 paid out, leaving a balance of \$55,001.74. **Mr. Harrington moved and Mr. T. Peterson seconded to approve the treasurer's report as presented. Motion carried.**

6. Unfinished Business None

7. New Business A. Columbus LWP review and WMO approval consideration
 Background
 Columbus recently updated its Local Surface Water Management Plan. All SRWMO communities are doing so per Met Council requirements. The SRWMO has approval authority over these plans. The plans must be consistent with the SRWMO Watershed Management Plan.

 Timeline issues and avoiding frequent re-planning
 Any changes in the new SRWMO Plan, scheduled to be done in December 2019, could necessitate revisions to the city local water plans. To avoid this situation to the degree possible, ACD informed the cities that review of new local water plans in 2019-2020 will be lenient and focus upon helping the cities include likely future content of the SRWMO plan. For cities like Columbus, the SRWMO must recognize its challenges of being part of three watershed organizations. In this way, the SRWMO hopes to minimize costs for plan revisions by cities.

 Findings of review of Columbus' Water Plan
 The city's local water plan is largely consistent with SRWMO standards and the SRWMO Plan. Listed below are some apparent inconsistencies. ACD emailed these comments to city staff to get their feedback and to ensure ACD not missing something. ACD hopes to have their response by the SRWMO board meeting, so informed action can be taken.

Draft comments to Columbus

Stormwater plan review clarification. The city plan or ordinances states stormwater plans for projects are reviewed by the watershed organizations. Please clarify within your local water plan that in the Sunrise River WMO portion of the city, the city is expected to perform this role.

Ensure consistency with SRWMO stormwater standard. It appears that the city plan and/or ordinances are not consistent with SRWMO stormwater requirement for an equivalent to infiltration of the first 0.5” of runoff. If already in your official controls and we’ve missed them, please inform us.

Ensure consistency with SRWMO wetland standard. It appears that the city plan and/or ordinances are not consistent with SRWMO wetland requirement for regulation of excavation in higher priority wetlands. Please incorporate these into the city local water plan in the short term and longer term into ordinance. If they are already in your official controls and we’ve missed them, please inform us.

Consider stormwater volume minimization measures. Specifically, consider Minimum Impact Development Standards, planned unit developments or requiring stormwater volume rates and volume not exceed pre-development conditions. The SRWMO may more strongly recommend or require these approaches in its new watershed management plan, but they are not currently required.

Mr. Downing moved and Mr. T. Peterson seconded to table consideration of approval of the Columbus Local Water Management Plan until the four (4) comments above are addressed. Motion carried.

B. Columbus comprehensive plan review and comment

Columbus is inviting comments on its draft Comprehensive Plan. Its Local Water Management Plan, which the SRWMO is commenting upon separately, is a component of their Comp Plan. While the SRWMO could review the entire Comp Plan, it seems that would be beyond its usual scope of work. The city is requesting a response from the SRWMO.

Mr. Downing moved and Mr. T. Peterson seconded to direct Anoka Conservation District to return the Columbus Comprehensive Plan Update Comment Form to the city indicating that the SRWMO intends to only review the Local Surface Water Management Plan with comments provided separately. Motion carried.

C. Lower St. Croix One Watershed, One Plan priorities input

The SRWMO has been invited to submit priority concerns to be addressed during the One Watershed, One Plan process. The SRWMO is asked to submit its priorities on a supplied worksheet. To accelerate discussion, ACD filled in several priorities that the SRWMO has discussed in the past and will submit them on SRWMO’s behalf. Mr. Downing asked if there will be anything specific for Coon Lake at the workshop. Mr. Mager suggested a carp feasibility study done on Coon Lake with the SRWMO.

Mr. Downing moved and Mr. T. Peterson seconded to have ACD add the Coon Lake carp feasibility study to the Priority Concerns and Goals of Local Water Management Entities list and that ACD include in its notes that even though Coon

Lake is not impaired at this time, the SRWMO does not want to ignore the potential to become impaired.

D. Lower St. Croix One Watershed, One Plan Aug 27 boat workshop – Taylors Falls (informational only).

This is an opportunity for SRWMO representation. Mr. Enestvedt offered to attend, Mr. Downing will try to attend and Mr. T. Peterson was a maybe to attend. There is no cost.

8. Mail None

9. Other The board asked for an update on carp removal on Typo and Martin Lakes. Mr. Schurbon noted that harvests from Typo Lake have concluded for the year. Box netting will begin in late August on Martin Lake for a total of four occasions with four nets each time. Major funding was provided by the DNR, with matching funds from the SRWMO and the Martin Lakers Association for this project.

10. Invoice Approval **Mr. T. Peterson moved and Mr. Enestvedt seconded to pay the August Recording Secretary invoice for \$175. Motion carried.**

Mr. Downing will follow-up with the bank and take the needed steps to ensure his signature is added to the checking account, as previously authorized.

11. Watershed Plan update work session A. Evaluation of current watershed plan – a summary of discussion from the previous meeting was provided by Mr. Schurbon. This evaluation will be used in the Comprehensive Plan.

B. Issues prioritization

Mr. Schurbon presented suggested issues to be prioritized in the new SRWMO Watershed Management Plan. These issues were generated from previous exercises including agency and public input, the SRWMO review of its current plan, and review of neighboring watershed plans. Schurbon provided information on how each of the issues was prioritized by others in the aforementioned forums. Through discussion, the board prioritized the issues in to high, medium and low categories. Some notes or sub-items were added. in order of high, medium, low as follows:

High – Lake and stream water quality, water monitoring, funding, communication with member cities, and outreach and education.

Medium – Aquatic invasive species, septic systems, development, multi-partner coordination, stormwater management, groundwater, administrative efficiencies, and chlorides.

Low – Ditching/drainage, climate change, water quantity, fisheries, and wildlife habitat.

Mr. Schurbon will meet with the SRWMO’s Technical Advisory Committee, including member communities’ staff, to review this prioritization and will report back to the SRWMO board at the next meeting September 6, 2018.

The next planning step will be to establish measurable goals for each priority topic.

12. Adjourn **Mr. T. Peterson moved and Mr. Enestvedt seconded to adjourn at 8:28 pm. Motion carried.**

Gail E. Gessner, Recording Secretary
Submitted via email on 9/5/18

Sunrise River Watershed Management Organization
Thursday, September 6, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for August 2, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. Priorities input for the county-wide outreach program
 - B. Watershed Based Funding Grant Agreement approval
 - C. Linwood Lake Carp Management Feasibility Study Contract between Carp Solution LLC and Anoka Conservation District
7. New Business
 - A. AIS Public Forums discussion
8. Watershed Plan update
 - A. Technical Advisory Committee (TAC) meeting review
 - B. Goal setting
9. Mail
10. Other
11. Invoice(s) approval
 - A. Recording secretary invoice for September \$175.00
12. Adjourn

Sunrise River Water Management Organization Meeting
Thursday September 6, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

Present: Chair Babineau, Denny Peterson, Tim Harrington, Tim Peterson, Sandy Flaherty, Matt Downing

Absent: Leon Mager, Paul Enestvedt

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. T. Peterson moved and Mr. D. Peterson seconded to approve the agenda with the addition of 6. D. Columbus Local Water Plan. Motion carried.**

4. Approval of Minutes **Mr. T. Peterson moved and Mr. Harrington seconded to approve the August 2, 2018 minutes as written. Motion carried.**

5. Treasurer's Report Data Mining Company has requested financial records from 2009 to 2018. ACD and Mike Jeziorski of East Bethel will work together to provide this information.

Matt Downing, Dan Babineau, and Leon Major are the official check signers. Leon's signature is still required at the bank.

Mr. Downing reported an August balance of \$ \$55,001.74 with no checks written or deposits made for the month. **Mr. T. Peterson moved and Chair Babineau seconded to approve the treasurer's report as presented. Motion carried.**

6. Unfinished Business A. Priorities input for the county-wide outreach program
A water quality outreach program is slated to be funded by Watershed Based Funding. The program will be hosted at ACD but driven by the priorities of partners throughout the county, including the SRWMO. A relatively long list of priorities for the SRWMO, prepared by Matt Downing and Jamie Schurbon, was presented for narrowing through discussion then send to ACD. Aquatic Invasive Species (AIS) was added to the list as a medium priority.

ACD has hired Emily Johnson to lead the Outreach Program. Ms. Johnson was most recently a GreenCorps member stationed at ACD. During that time she launched buckthorn control workshops, a social media presence, brochure series, water quality video contest and others. She'll be part time in 2018 and have more hours thereafter. Lakeshore stewardship outreach may be the biggest place Ms. Johnson might serve the SRWMO. She plans to meet in person with each organization in the countywide partnership, including the SRWMO. The Board consensus was to have an AIS meeting with each member community also.

Chair Babineau moved and Mr. Downing seconded to approve the County-wide Outreach Program Priorities list with AIS added as a medium priority and to forward the list to Anoka Conservation District, and to invite Ms. Emily Johnson to the October 4, 2018 meeting. Motion carried.

B. Watershed Based Funding Grant Agreement approval

BWSR will be looking to finalize a grant work plan and grant agreement with the SRWMO for Watershed Based Funding. Previously the SRWMO selected projects for that grant; BWSR has reviewed those submittals. Now, it's time for the formality of work plans and grant agreements. While these documents are not yet ready, the timeline suggests that the SRWMO should consider delegating approval authority to the Chairperson now.

BWSR is already about a month behind. The Linwood Lake Carp Management Feasibility Study includes radio tagging carp this fall so they can be tracked in spring. ACD is hopeful BWSR will have the grant paperwork in hand by mid-September, and work can begin immediately thereafter. No funds can be spent until the SRWMO signs the grant agreement.

There are two parts to finalizing this grant:

1. Work Plan – The work plan is typically drawn up by the grant recipient's staff. It must be done in BWSR's eLink online tool. It includes tasks, a budget for each, and work products.
2. Grant Agreement – This is a template grant agreement provided by BWSR. It refers to the Work Plan. The grant recipient's Board approves the grant agreement.

Mr. Schurbon proposed that ACD write the grant Work Plan for the SRWMO to be consistent with the grant request that the SRWMO already approved months ago. He also proposes that the SRWMO delegate approval authority for the Grant Agreement to the Chair. In this way, the Chair can sign the grant agreement as soon as it is ready, and work can begin on the Linwood Lake Carp Study.

The SRWMO previously moved for the ACD to serve as Fiscal Agent for these grants. That means that the SRWMO is the Grant Recipient and has control over the grant. ACD will receive the funds and do all the fiscal management. It's expected that ACD will manage implementation of these projects, so it seems to make sense that ACD would also do the fiscal reporting and have the ability to pay bills in a timely manner.

SRWMO was asked to consider signing a contract with Carp Solutions and ACD for the Linwood Lake Carp Study. The other two projects will have a separate agreement between the ACD and SRWMO later to clarify respective roles.

Watershed Based Funding grants do require a 10% match. For these projects, it totals \$15,675. The plan previously discussed was to use budgeted "upcoming water quality project funds" for this purpose. \$8,000 is from your 2018 budget, and already in-hand. \$10,000 is from your 2019 approved budget. Additionally, the Linwood Lake Improvement Association is providing \$1,086. The SRWMO has more available match funds than needed. In the grant agreement, ACD only commit the minimum required.

Mr. D. Peterson moved and Mr. Harrington seconded to move to authorize Chair Babineau to approve the Work Plan and Grant Agreement with the MN Board of Water and Soil Resources for FY2018-2019 Watershed Based Funding to include a

Linwood Lake Carp Management Feasibility Study, Coon and Martin Lakes stormwater retrofits, and a lakeshore stewardship outreach effort. The Anoka Conservation District will serve as grant fiscal agent for the SRWMO. Motion carried with Chair Babineau opposed.

C. Linwood Lake Carp Management Feasibility Study Contract between Carp Solution LLC and Anoka Conservation District

One of the projects selected for your Watershed Based Funding was a carp management feasibility study at Linwood Lake. This study is a prerequisite to spending other, future Clean Water Fund grants on carp management at this lake. Carp Solutions has provided a proposal to do the study and ACD to oversee the work and serve as fiscal agent. Mr. Schurbon drafted a three-way contract between these organizations to define responsibilities.

Funding for this work is:

SRWMO - \$1,086 (“upcoming projects” funds at ACD)

Linwood Lake Improvement Association - \$1,086 (committed, invoiced)

Watershed Based Funding –Sunrise watershed \$21,720 (preliminarily approved, grant agreement to be ready by mid-Sept)

Expenditures are:

ACD project management and fiscal agent - \$2,472

Carp Solutions services - \$17,720

Radio transmitters - \$3,700

This work must begin in early fall, but not until the BWSR grant agreement is executed. The project contract to consider does not become effective until the SRWMO-BWSR grant agreement is signed.

This is a three-party agreement with the following roles: SRWMO – Grant recipient. Final control over review of results. ACD – Project management and fiscal agent. (ACD will be managing the projects, so for us to have a fiscal agent role too will be efficient.) Carp Solutions, LLC – Contracted professional services.

Mr. Harrington moved and Mr. T. Peterson seconded to approve the Contract for Services between Carp Solution LLC, the Sunrise River WMO, and Anoka Conservation District for Determining the Abundance and Recruitment History of Common Carp in Linwood Lake. Motion carried.

D. Columbus Local Water Plan

Columbus is working on its local water plan with comments from the SRWMO and Met Council.

7. New
Business

A. AIS Public Forums discussion

ACD will check with Ms. Johnson on her ability to hold public forums. There are also county resources available to run forums.

8. Watershed Plan Update A. Technical Advisory Committee (TAC) meeting review
 Mr. Schurbon reported that the SRWMO's Technical Advisory Committee (TAC) met Aug 22, 2018. Attendance was poor, but some good input was received. Dan Fabian was not able to make it to the TAC meeting but indicated he may have some feedback on topics.

Based on input, it seems clear that some revisions to the SRWMO's Wetland and Stormwater Standards may be in order. The goal will be simplification and deleting anything duplicate of other requirements. Also, improvements are needed with community staff awareness of these requirements, as well as putting them someplace in city code where developers will find them.

B. Goal setting

Mr. Schurbon provided the following summary of meeting recommendations:
 Consider including in the new SRWMO Plan:

- AIS - AIS early detection program and emergency response fund for small new infestations that might be eliminated if treated immediately.
- Council liaisons - City council liaison from each community to the SRWMO be standard procedure.
- Updates to communities - Periodic (quarterly?) updates from the SRWMO's contracted staff to city councils and staff.
- Incorporate community CIPs - Incorporate city CIPs by reference into the SRWMO Plan so those projects are eligible for WBF. Have an annual procedure for reviewing and ranking those projects from a water quality standpoint.
- Community checks - Periodic "audits" of member communities by the SRWMO to verify work delegated to the cities by the SRWMO is being completed.
- Development reviews - Review of new development sketch plans by the SRWMO contracted staff, with board member's copied, to identify water quality or natural community concerns. 30 day turn-around is needed. SRWMO would not have any approval or permitting authorities but would provide recommendations for communities to consider.
- SRWMO boundary – Consider revising the SRWMO-CCWD boundary around Coon Lake to follow the hydrologic boundary. The action should leave East Bethel portions as-is.
- Simplify SRWMO Stormwater Standards – Consider removing the standards and instead state that MS4 standard for treatment and infiltration should be followed for all SRWMO communities. Only Linwood is not an MS4 community. Also, any stormwater standards should use newer Atlas 14 precipitation data.
- Simplify SRWMO Wetland Standards – Consider revising the wetland standards to either be identical to the URRWMO standards (unclear if they are keeping their standards) or perhaps be more like the simpler Lower Rum River WMO standards.

Mr. Schurbon provided binders to board members to store handouts and printed information.

9. Mail None
10. Other Update on carp removal at Martin Lake. Bait trapping has already caught 800 carp. This will be done two more times this fall. Next year Martin Lake will have box netting done. Mr. Schurbon will talk with Carp Solutions and invite them to present at a meeting. He will also send out information on planned carp harvests.
11. Invoice Approval **Mr. T. Peterson moved and Mr. D. Peterson seconded to pay the September Recording Secretary invoice for \$175. Motion carried.**
12. Adjourn **Mr. T. Peterson moved and Mr. Harrington seconded to adjourn at 8:25 pm. Motion carried.**

Gail E. Gessner, Recording Secretary
Submitted via email on 9/30/18

Sunrise River Watershed Management Organization
Thursday, October 4, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for September 6, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A. Martin Lake carp harvests update
 - B. Linwood Lake carp study progress update
7. New Business
 - A. BWR survey about SRWMO performance
 - B. Consider contract with ACD for Watershed Based Funding projects management
 - C. Consider contract amendment for additional ACD on-call administration
8. Watershed Planning
 - A. Review lake and stream water quality goals, actions and policies drafted after the last meeting
 - B. Develop goals for priority topics:
 1. Outreach and education
 - a. Providing input to new County-wide Outreach Program Coordinator Emily Johnson
 - b. SRWMO Watershed Plan goals
 2. Communications with member communities
 3. Funding goals
 4. Water monitoring goals
9. Mail
10. Other
11. Invoice(s) approval
 - A. Recording secretary invoice for October \$175.00
 - B. ACD invoice #2018031 2018 Monitoring and Management Work Plan for \$12,680.00
12. Adjourn

Sunrise River Water Management Organization Meeting
Thursday October 6, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

Present: Chair Babineau, Leon Mager, Paul Enestvedt, Denny Peterson, Tim Peterson, Sandy Flaherty, Matt Downing

Absent: Tim Harrington

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Emily Johnson, Anoka County Outreach
Jaron Cook, Green Corp. Member
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. T. Peterson moved and Mr. D. Peterson seconded to approve the agenda as presented. Motion carried.**
4. Approval of Minutes **Mr. Downing moved and Mr. T. Peterson seconded to approve the September 6, 2018 minutes as written. Motion carried.**
5. Treasurer's Report Mr. Downing reported a September beginning balance of \$ \$55,001.74 with one check written for \$6,930 bringing the month end balance to #48,070.48. **Mr. D. Peterson moved and Mr. T. Peterson seconded to approve the treasurer's report as presented. Motion carried.**
6. Unfinished Business
- A. Martin Lake carp harvests update
Two harvests have been completed. The first harvest netted 2,374 carp which went to Pine Haven Farm and three weeks later 187 carp were harvested.
- B. Linwood Lake carp study progress update
Electronic fishing is starting. 50 carp have been removed to check the aging of the carp and 20 radio tags have been implanted. Trap nets are being set for young carp.
- Boot Lake will only have trap netting done.
7. New Business
- A. BWSR survey about SRWMO performance
The Sunrise River Watershed Management Organization PRAP performance review was conducted in 2016. The report contained two recommendations. Mr. Schurbon asked the board members to provide a response that closely describes the action taken by the board or staff. 1. Assess organizational activity and develop a strategic direction for meeting the water quality and other planned goals. Answer: Partially done. 2. Use a citizen's advisory committee to expand organizational effectiveness. Answer: Completed and ongoing.
- Since 2012 BWSR has provided grant money to cost-share with local governments for organizational improvements, strategic planning, and staff realignment. Sometimes the performance review recommendations are eligible for PRAP Assistance Grant funding.

3. Did you use PRAP Assistance Grant money to help implement one or more of the performance review recommendations? Answer: Considered, but no.

Mr. T. Peterson moved and Mr. Enestvedt seconded to direct Mr. Schurbon to send the survey answers to BWSR. Motion carried.

B. Consider contract with ACD for Watershed Based Funding projects management
As approved at the September meeting, the SRWMO signed its grant agreement with the State for FY 2018 Watershed Based Funding. A grant work plan is also complete. Funds will be received soon at ACD and tracked separately in a special QuickBooks account. Work can begin.

The grant will pay 90% of three projects: (1) Linwood Lake carp management feasibility Study, (2) Martin and Coon Lake stormwater retrofits and (3) lakeshore restoration outreach. At last meeting the board signed an agreement with ACD and Carp Solutions for management of the first project #1. The contract specifies everyone's roles. Board members were asked to sign a similar agreement with ACD to manage the second and third projects.

This new contract refers to SRWMO grant work plan with the State to define the work that ACD is to do for SRWMO. In short, ACD will completely manage these projects for the SRWMO. The grant, and the 10% match that SRWMO provides will pay for ACD's time as well as construction and other costs. ACD will regularly update the board so it can provide high level oversight and direction.

The following contract amendments were requested:

#4.2 The ACD, as fiscal agent, may re-allocate available funding amongst these or other expenditures as needed. *Include the process of notification to SRWMO for transferring of monies by ACD.*

#2.2 Expiration date: June 30, 2019, or completion of the PROJECTS to the SRWMO'S satisfaction, whichever is earlier. *Change expiration date to 12/31/21.*

Mr. T. Peterson moved and Mr. D. Peterson seconded to approve the Contract for Services between the Sunrise River WMO and ACD for Martin and Coon Lake Stormwater Retrofits and Lakeshore Restorations Outreach Projects Management as amended. Motion carried.

C. Consider contract amendment for additional ACD on-call administration
The SRWMO-ACD 2018 contract for water monitoring and similar work includes a 40-hour allowance for "on call administrative assistance." Mr. Schurbon has worked to minimize hours logged against this category, knowing it is limited. Nonetheless, work this year has been more than anticipated. He reluctantly asked for a contract amendment increasing 2018 administration hours from 40 hours (\$3,200) to 65 hours (a \$2,000 increase).

So far this year he has worked 64.25 hours on SRWMO administration. Unanticipated but necessary tasks were big and included:

- Watershed Based Funding.
- Lower St. Croix One Watershed, One Plan (1W1P).
- City local water plan reviews. □ County-wide outreach program input.
- Preparing meeting minutes twice.

More specifically, administrative work included:

- Prepared information about “One Watershed One Plan” and “Watershed Based Funding” to guide a discussion about participation.
- Led a process with the SRWMO board and cities to select projects for Watershed Based Funding.
- Prepared a Watershed Based Funding contract with the State, created an eLink work plan, and followed it through to approval. The grant is for \$156,750.
- Helped the SRWMO come up with priority suggestions for the new county-wide outreach program.
- Coordinated a Linwood Lake Carp Management Feasibility Study with the Linwood Lake Association.
- Prepared a draft 2019 budget for the SRWMO and subsequent revisions.
- Responded to an MPCA request for water monitoring requests. MPCA is planning a once-every10-years monitoring blitz in the area, and I communicated that the SRWMO would like its watershed outlets to be monitored. This will likely result in a \$2,850 savings to the SRWMO, which would have otherwise paid for the monitoring.
- Dealt with a very annoying data mining company that submitted a public information request for all the SRWMO’s financial records for the last 5 years. The company uses the information to determine government purchasing trends, which it sells to interested businesses. It required 8 emails to resolve.
- Reviewed the Columbus Local Water Plan and presented findings.
- Prepared requests for proposals for 2018 water monitoring and watershed plan update.
- Fielded permitting questions from the county highway department and builders.
- Determined a planned meeting would not have a quorum, then sent cancellation and rescheduling notices.
- Distributed contact information for two new board members to the rest of the board and sent welcome emails.
- Presented the county weed management program to the SRWMO Board, which decided to participate.
- Prepared a display for a Linwood Family Fun booth staffed by the SRWMO board.
- Prepared seven meeting agendas and packets of information (some of which was related to projects and paid by other funds).
- Attended seven SRWMO meetings, portions of which were not related to projects paid by other funds. I don’t use administrative hours for meeting attendance, except when it can’t be charge to some other project.

- Reviewed and edited meeting minutes three times.
- Wrote meeting minutes twice in the absence of the recording secretary.

Summary of request:

40 # of contracted hours

64 # actual hours to date

1 hour allowance for the remainder of the year

25 REQUESTED HOURS TO ADD TO THE CONTRACT

The cost would be \$2,000 additional.

Mr. Downing moved and Mr. T. Peterson seconded to approve an amendment to the SRWMO-ACD 2018 Water Monitoring and Management contract for services to add \$2,000 (25 hours) for on-call administrative assistance. Motion carried.

8. Watershed Plan

A. Review lake and stream water quality goals, actions and policies draft after the last meeting.

The board reviewed the draft and had the following comments and/or requested changes:

Goals

- #5 Manage carp in recreational lakes to 100/lbs. per hectare, the threshold above which they are destructive to lake health. *Mr. Schurbon to check with Carp Solutions on the feasibility of achieving 100/lbs. per hectare.*
- #7 DNR enforcement of existing lakeshore clearing/alteration rules. *Remove.*

Policies

- #8ii Stormwater retrofit studies for Martin and Coon Lake completed by the Anoka Conservation District. *Include the date of when the study was done.*

Actions

- #5 Lobby the MN DNR to patrol lakes for violations of lakeshore clearing rules. *Remove.*
- Add to Policy “if SRWMO works with Isanti County, both should share the costs.”
- #11 Sustain outreach to landowners along Ditch 20 where the SRWMO previously identified wetland restoration projects to benefit water quality. Seek a partnership to implement those projects. *The draft water plan should state a frequency for landowner contacts.*
- #4 Screen carp population levels in Linwood and Coon Lakes to determine biomass per acre. *Change acre to hectare.*
- *Group actions by topic.*

B. Develop goals for priority topics:

1. Outreach and education – Ideas for a county-wide outreach program

Mr. Schurbon handed out a SRWMO Goal Setting for Outreach and Education

worksheet. Board members selected the highest goals to be in the Plan. Answers were reviewed with these being priorities:

- Septic systems
- The SRWMO exists
- Lakeshore restoration
- Use of less deicing salt
- Aquatic plants have value

The sheets were given to Emily Johnson and Jaron Cook to use as priorities for outreach.

9. Mail None
10. Other Next time around, add AIS to the Water Based Funding application.
11. Invoice Approval **A. Mr. T. Peterson moved and Mr. Enestvedt seconded to pay the October Recording Secretary invoice for \$175. Motion carried.**
- B. Mr. Downing moved and Mr. Enestvedt seconded to pay the ACD invoice #2018031 2018 Monitoring and Management Work Plan for \$12,680 payment 3 of 3. Motion carried.**
12. Adjourn **Mr. Mager moved and Mr. T. Peterson seconded to adjourn at 8:38 pm. Motion carried.**

Gail E. Gessner, Recording Secretary
Submitted via email on 10/22/18

Sunrise River Watershed Management Organization
Thursday, November 1, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for October 6, 2018
5. Treasurer's Report
 - A. Financial report
6. Unfinished Business
 - A.
7. New Business
 - A.
8. Watershed Plan update
 - A. Requested information about cost effectiveness of carp harvests
 - B. Review draft Outreach and Education goals, actions and policies
 - C. Goal setting for
 - a. Communications with member cities
 - b. Funding
 - c. Water monitoring
 - d. Determine goal setting approach for medium and low priority topics
 - D. Discuss next steps for Citizen and Technical Advisory Committee engagement
9. Mail
10. Other
11. Invoice(s) approval
 - A. Anoka Conservation District invoice #2018237, \$2,000 for additional on-call administrative
12. Adjourn

Sunrise River Water Management Organization Meeting
Thursday November 1, 2018
6:30 pm at East Bethel City Hall

Present: Chair Babineau, Leon Mager, Paul Enestvedt, Denny Peterson, Tim Peterson, Sandy Flaherty, Matt Downing, Tim Harrington

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. T. Peterson moved and Mr. Harrington seconded to approve the agenda with the addition of MCIT invoice under Other. Motion carried.**

4. Approval of Minutes **Mr. T. Peterson moved and Mr. Enestvedt seconded to approve the October 6, 2018 minutes as written. Motion carried.**

5. Treasurer's Report Mr. Downing reported a September beginning balance of \$48,070.84 with four checks written totaling \$13,205.00, bringing the month end balance to \$34,865.84. **Mr. T. Peterson moved and Mr. Harrington seconded to approve the treasurer's report as presented. Motion carried.**

6. Unfinished Business None

7. New Business None

8. Watershed Plan A. Requested information about cost effectiveness of carp harvests
The board reviewed an informational email provided Przemek 'Shemick' Bajer, PhD Owner of Carp Solutions LLC which answered questions asked at the previous meeting regarding the cost effectiveness of carp removal to improve lake water quality. Discussion ensued regarding the cost effectiveness, population assessment methods, and role that aeration systems play in ensuring game fisheries that prey on young carp.

The board requested ACD provide periodic financial reports for projects using SRWMO funds or grants secured by the SRWMO including the DNR grant for Martin and Typo Lake carp management, SRWMO cost share fund for landowners, and watershed based funding grant.

B. Review draft Outreach and Education goals, actions and policies
Mr. Schurbon reviewed draft SRWMO watershed management plan content. The content was written considering discussion at the last SRWMO meeting. The draft content was reviewed with the board providing feedback on changes, additions, and/or deletions.

Mr. Schurbon noted that draft actions within the watershed management plan will be reviewed twice –during preparation of the plan narrative and again later during

preparation of the implementation plan. The latter step includes detailed consideration of costs and scheduling.

C. Goal setting

Board members completed worksheets and discussed goals, actions and policies for the following topics. Discussion points are listed below.

1. Communications with member communities

- Non-council member representatives are requested to attend and present information at city council meetings. Visual aids and leveraged dollar amounts can be provided by the SRWMO's on-call administrator for reps to use.
- Ask to have SRWMO meetings included on community calendars.
- Tours of major milestones accomplished by the SRWMO (funding will need to be established to organize and hold the tours).

2. Funding

- Have 10% match available annually to ensure Water Based funding grants can be fully secured.

3. Water monitoring

- Every three years for current lakes
- Monitor lakes where projects are occurring every 1-2 years.
- Boot Lake - do two more years of diagnostic monitoring.
- Fawn Lake – monitor water clarity by volunteers only.
- Island Lake – Monitor clarity and chemical analysis by a volunteer, if one can be secured.
- Increasingly use Citizen Assisted Monitoring Program (CAMP) volunteers for cost savings.
- Try to secure volunteers to check clarity on smaller lakes without public access such as Tamarack Lake, Pet Lake, Rice Lake etc.
- Screen chloride levels in lakes – once every ten years

Mr. Schurbon will bring back Watershed Plan content addressing these items to the next meeting.

4. Determine goal setting approach for medium and lower priority topics

Mr. Schurbon noted that there are 13 medium and lower priority issues for which watershed plan content still needs to be developed. High priority topics were addressed through facilitated discussion and board member worksheets. Mr. Schurbon suggested that for medium and lower priority topics he will write draft plan content utilizing feedback already received from stakeholders and the board. Then, he will provide it for board member review. These topics, and board comments, can be discussed at an upcoming meeting. Given that budgeting and other matters will demand time at the next scheduled meetings in January and February, adding a December meeting was discussed. **Chair Babineau moved and Mr. Downing seconded to schedule an additional meeting on December 6, 2018 at the regular time and place. Motion carried.**

D. Discuss next steps for Citizen and Technical Advisory Committee engagement
Mr. Mager moved and Mr. T. Peterson seconded to table item to the December 6 meeting. Motion carried.

9. Mail None

10. Other MCIT Insurance payment
It was noted that the organization's annual insurance premium invoice is often received in December, and often must be paid before the next SRWMO meeting to avoid late penalties.
Mr. Mager moved and Mr. T. Peterson seconded to approve payment of the anticipated MCIT insurance invoice not to exceed \$2,500. Motion carried.

11. Invoice Approval **A. Mr. Downing moved and Mr. T. Peterson seconded to pay the November Recording Secretary invoice for \$175. Motion carried.**

B. Mr. Mager moved and Mr. T. Peterson seconded to pay the ACD invoice #2018237 for \$2,000 for additional on-call administrative assistance. Motion carried.

12. Adjourn **Mr. Harrington moved and Mr. Downing seconded to adjourn at 8:45 pm. Motion carried.**

Gail E. Gessner, Recording Secretary
Submitted via email on 11/29/18

Sunrise River Watershed Management Organization
Thursday, December 6, 2018
6:30 pm at East Bethel City Hall
Agenda to be finalized at meeting

AGENDA

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes for November 1, 2018
5. Financial Reports
 - a. Treasurer's report
 - b. Current grants financial report from Anoka Conservation District
6. Unfinished Business
 - a.
7. New Business
 - a. Cost share grant policy update
 - b. Consider special meeting for watershed plan update with Technical Advisory Committee Dec. 19, 2018 9am-Noon at Columbus City Hall
8. Watershed management plan update work session
 - a. Review draft goals/policies/actions developed at last meeting
 - b. Discuss whether to include reference wetland monitoring
 - c. Goal/policy/action setting for 13 medium and lower priority issues
 - d. Consider sending draft plan content to citizens advisory committee for email comment, or in-person comment at next SRWMO meeting
9. Mail
10. Other
11. Invoice(s) approval
 - a.
12. Adjourn

Upcoming Meeting Dates:

- Wed, December 19, 2018 9am-Noon SRWMO Technical Advisory Committee **Note special location:** Columbus City Hall
- Thurs, January 3, 2019 6:30pm SRWMO meeting
- Thurs, February 7, 2019 6:30pm SRWMO meeting

Sunrise River Water Management Organization Meeting
Thursday December 6, 2018
Meeting start time is 6:30 pm at East Bethel City Hall

Present: Chair Babineau, Denny Peterson, Leon Mager, Tim Harrington, Paul Enestvedt, Matt Downing, Sandy Flaherty

Absent: Tim Peterson

Audience: Jamie Schurbon, Anoka Conservation District (ACD)
Jared Wagner, Anoka Conservation District (ACD)
Sharon LeMay, Anoka Conservation District Supervisor

3. Approval of Agenda **Mr. T. Harrington moved and Mr. P. Enestvedt seconded to approve the agenda as written. Motion carried.**

4. Approval of Minutes **Mr. M. Downing moved and Mr. T. Harrington seconded to approve the November 1, 2018 minutes as written. Motion carried.**

5. Financial Reports a. Treasurer's Report
Mr. Downing reported a November beginning balance of \$34,865.84 with one check written for \$2,000 and one deposit of \$259 for and ending balance of \$33,124.84. Mr. Downing asked if he needs to invoice member communities, Mr. Schurbon indicated that Mike with East Bethel usually does.
Mr. Downing was not sure what the \$259 deposit was for, approval tabled for next meeting

- b. Current grants financial report from Anoka Conservation District
Mr. Schurbon shared updates for 3 grants:
1. SRRWMO Cost share grant fund held at ACD. Current balance is about \$3,800 with no new money going in for next year
 2. Watershed based funding. Approved grant agreement from BWSR, ACD now has 50% of funds as fiscal agent. 3 projects planned add up to \$157,751. Only activity so far is Linwood Carp Feasibility Study-Carp Solutions surveys.
 3. Martin/Typo Lakes Carp Harvest Grant. \$20,496 left after last payment of \$5,000. Used \$2,350 of SRWMO \$5,000 contribution so far. ACD has not charged 2018 hours yet.

Mr. Schurbon asked if this format for grant reporting worked, members agreed it does. Mr. Mager asked about money for "upcoming projects", Mr. Schurbon indicated that there was \$8,000 for 2018 and \$10,000 for 2019 that did not yet have a home. ACD is holding it. Mr. Schurbon suggested the members think about projects to spend it on and suggested a Martin Lake Carp Harvest (\$3,411). Mr. Mager expressed concern that spending reports aren't broken down and detailed enough. Mr. Downing said he would check with Mike at East Bethel to look at the spending ledger and consider tracking finances.

6. Unfinished
Business

7. New
Business

a. Cost Share Grant Policy update

ACD recently changed cost-share grant policy making it more open and less restrictive. Jamie brought draft policy for SRWMO to consider adopting. Discussion ensued about project approval and reporting. ACD reports all projects to SRWMO.

Mr. Mager was concerned that adding more project types would be a financial burden, but Mr. Downing pointed out that more money is not going into the fund so opening up more projects will not increase spending. AIS, Groundwater, and Aquatic habitat projects were discussed. Three edits to be made to policy- Require some landowner contribution, delete AIS projects, add language to notify SRWMO Board when projects are up for ACD Board approval so members could attend and comment. **Mr. Mager moved to approve policy with three edits, Mr. Downing seconded, motion carried.**

b. Consider special meeting for watershed plan update with TAC Dec. 19, 2018 9:00am-noon at Columbus City Hall

Quorum planning to attend, Mr. Schurbon should post as a meeting. **Mr. Downing moved for Mr. Schurbon to post December 19, 2108 TAC meeting as official SRWMO meeting, Mr. Mager seconded, motion carried.**

8. Watershed
Management
Plan update
work session

a. Review draft goals/policies/actions developed at last meeting

Discussion on water monitoring goals, Mr. Schurbon prepared master table for review.

Mr. Mager and Mr. Downing would like to see lake Chloride sampling removed unless stream results become concerning. Discussion ensued about getting Secchi volunteers for small lakes. Staying in plan because cost is minimal and SRWMO wants the data.

Mr. Schurbon asked about paying for monitoring Data Creek, which flows from Isanti Co. Mr. Downing indicated that an attempt should be made to partner with Isanti Co. on cost, but if no ground is made SRWMO will pay for 1 out of 10 years of monitoring.

Mr. Schurbon started discussion about funding wish list. Members agreed that goals should be big, but realistic, so everything doesn't have to be scratched later.

Mr. Schurbon expressed vision that implementation plan be broken down by projects SRWMO for sure wants to do and project they'll do IF there's grant funding.

Mr. Mager wanted to discuss the 25% reserve fund. Members agreed 25% was too much, but some reserve was necessary. Decided 15% was better.

Mr. Schurbon moved on to communicating with member cities. Members agreed with current draft. Mr. Mager asked if SRWMO helped pay for bus tour. Mr. Schurbon indicated they had.

a. Discuss whether to include reference wetland monitoring

Discussion about other WMOs paying for it, Mr. Downing indicated that Upper Rum does, Mr. Schurbon indicated that others do as well. It helps residents at a low cost. Mr. Schurbon keeping it in plan.

b. Goal/Policy/Action setting for 13 medium and lower priority issues

Mr. Schurbon prepared draft of all for reaction by members.

Discussion about AIS

Members agreed SRWMO should not have rapid response fund or fund efforts repeated by County or U of M Extension. Agreed to help recruit volunteers. Agreed to not fund Curly-leaf pondweed treatment for recreational management but could fill gaps if water quality benefit would be shown.

Discussion on septic systems mandatory inspections

Mr. Schurbon shared that Chisago implemented successful program inspecting all systems 11+ years old and sent out letters with funds waiting to help repair leaks. Members agreed to take topic to TAC meeting to ask city opinions.

Discussion on Development

Mr. Schurbon indicated that the big new thing in this draft plan is the SRWMO board receiving sketch plans for comment. Discussion on clarifying SRWMO role and timeline. Decided to also discuss at TAC meeting with cities.

No further discussion on multi-partner coordination.

Discussion on Stormwater management This should also be brought up at TAC meeting with cities. Most actions in this section fall on cities. Mr. Mager asked whether Mr. Schurbon would have all of these points prepared for cities at TAC meeting. Mr. Schurbon indicated that he would.

Discussion on Groundwater Mr. Schurbon indicated that the main points in this section are smart irrigation controllers and infiltration standards. Discussion ensued about cost share for smart irrigation controller hardware, but not installation. Mr. Babineau asked about regulating digging holes, Mr. Downing asked if surficial or deep aquifer need to be specified. Discussion to continue in January.

Mr. Mager asked about alum feasibility study. Mr. Downing indicated that other entities really want it. Mr. Schurbon indicated it was in plan as a wish list item, not something SRWMO is for sure doing.

- a. Consider sending draft plan content to citizens advisory committee for email comment, or in-person comment at next SRWMO meeting. Members indicated that Mr. Schurbon should send out draft plan and invitation to next meeting.

- 9. Mail Chair Babineau explained that a letter was received about the annual meeting for MCIT on December 3, 2018.
- 10. Other None
- 11. Invoices None
- 12. Adjourn **Mr. D. Peterson moved to adjourn, Mr. Enestvedt seconded. Motion carried.**



Sunrise River

Watershed Management Organization

4th Generation Watershed Management Plan Technical Advisory Committee (TAC) meeting

Wed, December 19 at 9:00am to Noon

Columbus City Hall 16319 Kettle River Road Columbus, MN 55025

Agenda

1. Introductions
2. Watershed plan update status
3. Review SRWMO draft issue prioritization
4. Review SRWMO draft goals, policies, & actions
5. Existing SRWMO stormwater standards overview. Should it be revised?
6. Existing SRWMO wetland standards overview. Should it be revised?
7. Septic system programs. How to identify and fix failing shoreland septic?
8. Other

Upcoming meetings

Thurs, Jan. 3, 2019 6:30pm East Bethel City Hall

SRWMO regular meeting. 2020 budgeting begins. Review of TAC and CAC comments. CAC members invited to meeting. Watershed planning - continue goal/action/policy setting for lower priority topics.

Thurs, Feb. 7, 2019 6:30pm East Bethel City Hall

SRWMO regular meeting. 2020 draft budget sent to communities for ratification. Watershed planning - goal/action/policy setting, begin implementation plan development.



Sunrise River

Watershed Management Organization

4th Generation Watershed Management Plan Technical Advisory Committee (TAC) meeting

Meeting Notes

Wed, Dec 19, 2018 at 9:00am to Noon
Columbus City Hall

Attendees:

Leon Mager, SRWMO Board
Sandy Flaherty, SRWMO Board
Tim Harrington, East Bethel City Council and SRWMO Board
Denny Peterson, Columbus city council and SRWMO Board
Jason Spiegel, MN DNR Area Hydrologist
Jen Kostrzewski, Metropolitan Council
Dan Fabian, MN Board of Water and Soil Resources
Eric Alms, MN Pollution Control Agency
Dennis Postler, TKDA for the City of Columbus
Elizabeth Mursko, City of Columbus
Karen Blaska, Anoka County
Becky Wozney, Anoka Conservation District
Jamie Schurbon, SRWMO Planner and Anoka Conservation District

1. Watershed plan update status

Schurbon described that the SRWMO plan process is approximately 60% complete. Completed work includes a public kickoff meeting, public officials tour, citizen and technical advisory committee meetings, and numerous SRWMO board work sessions. An issue prioritization is complete, as well as goals, actions and policies for most priority issues. A full draft plan is anticipated by May 2019. Final approval is anticipated by December 2019.

Timing of local water plan updates and the WMO plan updates were discussed. Cities are required to update their comprehensive plans, of which local water plans are part, by December 31, 2018. However, city local water plans must also be updated within two years of update of the WMO plan, expected in December 2019. This is a problematic timeline that leads to additional expense for the communities. Fabian suggested that over the next 10 years WMO plans should be regularly

amended or updated as “living documents,” and thereby reduce the amount of change that occurs during major plan updates. Schurbon noted that WMO’s may allow some consideration of the poor timing and expense of revising plans when approving city local water plans. Kostrzewski stated she would find out Met Council’s official position. After the meeting, Kostrzewski informed Schurbon that Met Council requires that local water plans be written to be consistent with current WMO plans and when WMO plans are revised an update to the city local water plan may be needed.

2. **Review SRWMO draft issue prioritization**

Schurbon reviewed the SRWMO’s process for identifying priority issues, which included considering the prioritizations discussed in agency input letters, stakeholder events, SRWMO review of its current plan, priorities in neighboring watershed organizations, and city local water plans. The SRWMO’s priority issues are:

High Priority Issues

1. Lake and stream water quality
2. Water monitoring
3. Funding
4. Communications with member communities
5. Outreach and education

Medium Priority Issues

6. Aquatic invasive species (AIS)
7. Septic systems
8. Development
9. Multi-partner coordination
10. Stormwater management
11. Groundwater
12. Administrative efficiencies
13. Chlorides

Lower Priority Issues

14. Ditching/Drainage
15. Climate change
16. Water quantity
17. Fisheries
18. Wildlife habitat

Mager noted that Coon Lake was referred to as “near impaired” in one plan section and “impaired” (for mercury) in another section. Clarification is warranted.

Flaherty noted that while wildlife habitat is low on the list, actions in many other areas will have secondary benefits for wildlife habitat. The SRWMO is focusing on protection of wildlife habitat through a variety of actions.

3. **Review SRWMO draft goals, policies and actions**

The group reviewed draft goals, policies and actions for the priority issues. Discussion included:

- Lake and stream water quality

- Fabian suggested adding an indicator, such as clarity, to the goal of maintaining water quality in smaller lakes.
- Fabian suggested some discussion or a relative ranking of how far listed projects will move the WMO toward stated goals.
- Fabian suggested adding discussion of how much delisting each impaired water may cost. A typical cost per pound of pollutant reduction could be used.
- The WMO should consider mentioning that a SWAT model is available for the watershed, and may be able to help identify priority subwatersheds.
- City, county and other projects will likely only be eligible for Watershed Based Funding in the future if they are in the SRWMO. Each community's representatives are asked to provide projects to Schurbon. Projects must have a water quality benefit.
- Columbus favors ditch cleaning, but this can sometimes be at odds with water quality goals and would not be eligible for Watershed Based Funding. It was discussed that projects that clean ditches, but add treatment might be eligible. For example, in-line settling ponds might be used, or two-stage ditch design.
- Water monitoring
 - Monitoring through the CAMP volunteer program will allow Met Council to provide lake letter grades.
- Funding
 - The SRWMO is moving toward budgeting that remains consistent across years to minimize levy variation. Actual expenses vary amongst years, so unspent funds are carried forward to future years. The SRWMO will also build a contingency fund capped at 15% of annual local funds budgeted.
 - Watershed Based Funding method of distribution will likely change in the coming years. Through discussion the consensus seemed to be that the SRWMO should be:
 - Priorities for Watershed Based Funding should be in the SRWMO Plan.
 - The SRWMO should lead the process of selecting projects for Watershed Based Funding, but those discussions should include convening a meeting with the communities, county and other stakeholders who may have projects for consideration.
 - The SRWMO and its communities should be talking early and often about favored projects. An annual meeting may be appropriate.
- Communications with member communities
 - No comments.

- Outreach and education
 - No comments.
- Aquatic invasive species
 - The SRWMO is electing to not get involved in maintenance treatments for AIS, as others are doing this. It can be a major expense; Coon Lake's budget for AIS treatment exceeds \$80,000 for 2019.
 - The SRWMO will be involved in common carp management. Unlike invasive plants, controlling carp requires both working in the lake and satellite waterbodies.
 - The county has a strong AIS prevention program.
- Septic systems
 - Schurbon described a Chisago County program wherein all septic systems >10 years old or without a compliance inspection during that time were inspected for surface discharge only. It's been successful, but requires having substantial resources in place to help homeowners correct problems. It also requires a substantial amount of time from building inspectors or contracted help.
 - Columbus has point of sale septic system inspections. The cost for these inspections is \$300-\$400. If a system is not up to current standards (75-80% are not) it is fixed before sale or an escrow is held if the sale is during winter when work cannot be done.
 - It's believed that East Bethel requires a septic inspection for any building permit in the shoreland district. The owner must pay for any fixes.
 - All communities have systems that remind owners to maintain their septic every three years.
 - Building inspectors do have the authority to follow-up on septic system complaints.
 - Anoka County and the Anoka Conservation District offer loans and grants for septic system fix ups. The grants are limited to 2-3 systems per year for low income households.
 - After discussion, the group favored:
 - Jamie will contact staff at each city to learn more about their current triggers for septic system inspections. Prepare SRWMO plan content that is largely consistent with these requirements, or the requirements of most. Point of sale inspections seen particularly favored by the group at the meeting because when problems are detected the sale provides the funds to fix the problem, and this process helps protect buyers.
 - The SRWMO should ensure community building inspectors follow up on septic system complaints, and have the time to do so.

- The SRWMO plan should have short and long term goals for this topic. Short term goals may include triggers for inspections. Long term goals, or goals that require grant funding, may include inspections throughout priority areas like the shoreland district or doing community septic systems in shoreland areas.
 - The SRWMO should include the concept of doing inspections in targeted areas (shoreland district) if grant funded.
- Development
 - It was discussed whether the SRWMO should provide review of development sketch plans with an eye toward natural resources. Some areas like Linwood expect upcoming development. Developers need to hear input early in the planning process. The SRWMO does not intend to add a permitting program, but might provide comments for city permit consideration. This process may also result in the SRWMO ensuring that its standards are being implemented. After discussion it was decided that Schurbon should ask each community's staff how/if they would like the SRWMO involved in development sketch reviews.

4. SRWMO Stormwater Standards

- Schurbon described that the SRWMO's current stormwater standards seem to need updating. In particular they:
 - Require 0.5" of infiltration while most communities require 1" or 1.1".
 - Require off site infiltration if it cannot be achieved on site, and this is often impractical.

Schurbon provided a table (copied at the end of these meeting notes) which compares the SRWMO standards to MS4 standards for treatment and Minimum Impact Development Standards (MIDS). MS4 is aimed at maintaining water quality while MIDS aims to improve it.

- Columbus staff discussed the difficulty of achieving infiltration in areas with a high water table, which are common. Road right of ways, particularly those adjacent to large wetlands, are also common and problematic. These same conditions also limit stormwater filters. Therefore, treatment ends up being accomplished through ponds which consume a substantial amount of the available upland.
- The MS4-like requirement to keep post-development volumes, rate and pollutants that same as pre-development or pre-settlement conditions was considered. If water quality is the SRWMO's primary concern, this may address that concern.
- After discussion, the consensus seemed to be to modify the current SRWMO stormwater standards. Schurbon will add a fourth option to the comparison table of SRWMO standards, MS4 and MIDS and will email that back to the committee for email review. This new option can include:

- Have an explicit goal of maintaining current runoff volumes and water quality. In other words, the stormwater standards are a water quality protection strategy. Due to the nature of the watershed, stormwater is likely a minor contributor to water quality problems in lakes and streams, except in denser development in the shoreland district.
- A MS4-like requirement to keep post-development volumes, rate and pollutants the same as pre-development.
- A requirement that stormwater treatment follow an order of preference including 1) Site design that reduces stormwater generation, 2) infiltration, and 3) others.
- Keep the threshold of applying the standards to projects with one acre or more of disturbance.
- Allow special considerations for road and other linear projects.

5. SRWMO Wetland Standards

- Schurbon described concerns with the current SRWMO wetland standards including:
 - They require a MNRAM functions and values assessment of impacted wetlands to classify the wetlands. This can be onerous.
 - The standards for the different wetland classes are largely the same.
 - The standards are very similar to the neighboring Upper Rum River WMO standards, but still different.
 - Buffers must have signage and be maintained by the community.
- The primary goal of the standards was discussed to be mostly water quality protection. If the goal were wildlife, more and bigger buffers would be needed. For water quality, smaller buffers (up to 50+ ft based on science, but often <25 ft based on social acceptability) can achieve the goal.
- Mursko mentioned that Columbus requires 16.5 ft buffers and puts signage at line of sight. This buffer area overlaps with building setbacks. Because many homes are walk-outs, the buffer and setback is necessary separation on a steep vertical drop.
- After discussion, the consensus seemed to be to revise the SRWMO wetland standards including:
 - Delete the MNRAM functional value assessment requirement.
 - Require a 16.5 ft area around wetlands to not be disturbed during the development process to protect the wetland edge and ensure a vegetated buffer is present after construction.

- Require a minimum 16.5 ft buffer. It needs to be unmowed vegetation with good stem density, but not necessarily native plants. Native vegetation should be encouraged.
- The buffer should overlap with building setbacks and drainage/utility easements. The easement overlap helps prevent fences, sheds and similar work in the buffer, as these are already prohibited in the easements.
- The buffer should have signage at line of sight intervals to prohibit future disturbance.
- The city would implement the standards, as they do now.
- Cities are encouraged to require developers to maintain the buffer for the first few years, particularly if it is seeded.
- Schurbon will prepare the revised standards for email review by the committee.

Prepared by Jamie Schurbon

Summary of some stormwater standards

For consideration in SRWMO 4th Generation Planning

	Current SRWMO Standards	State requirements for MS4 Communities	Minimum Impact Development Standards (MIDS)
Already applies to...	All SRWMO communities	Ham Lake, East Bethel	None
Goal	Promote infiltration	Maintain water quality	Improve water quality
Triggered by...	>1 acre disturbance development & redevelopment <i>(most restrictive)</i>	>1ac new impervious for new development only, not redevelopment	>1ac new impervious (new or redevelopment)
Volume control	0.5" from new impervious surfaces <i>(least restrictive)</i>	1" from impervious surfaces In 2019 permit PCA is proposing 1" for both new development and redevelopment.	1.1" from impervious surfaces For linear (road) projects retain the larger of (a) 0.55" from new and reconstructed surfaces or (b) 1.1" from net impervious increase.
Pollutant control		<u>New development</u> – no increase in vol, TP or TSS <u>Redevelopment</u> – Net decrease in vol, TP, TSS	
Rate control	May not exceed pre-development rates for 2-, 10-, & 100-yr storm.		
What to do if infiltration is difficult or not advised	Meet requirement off site.	Requirements may be reduced or waived by permitting agency.	Follow flow chart of options resulting in options: (a) 0.55" + 75% P reduc (b) MEP vol + 60% P reduc (c) offsite 1.1" in vol reduc.
Credit toward TMDLs	Could be, if documented	Could be, if documented. Not aimed at improvement.	Included using MIDS calculator
Other			Meets stormwater minimum control measure for MS4 communities.

DRAFT compiled by J. Schurbon 12/17/2018