



Bassett Creek Watershed Management Commission

Regular Meeting
Thursday March 19, 2020
8:30 – 11:00 a.m.

Council Conference Room, Golden Valley City Hall, Golden Valley, MN

AGENDA (Revised March 16, 2020)

1. CALL TO ORDER and ROLL CALL

2. PUBLIC FORUM ON NON-AGENDA ITEMS – *Members of the public may address the Commission about any item not contained on the regular agenda. A maximum of 15 minutes is allowed for the Forum. If the full 15 minutes are not needed for the Forum, the Commission will continue with the agenda. The Commission will take no official action on items discussed at the Forum, with the exception of referral to staff or a Commissions Committee for a recommendation to be brought back to the Commission for discussion/action.*

3. APPROVAL OF AGENDA

4. CONSENT AGENDA

- A. Approval of Minutes – February 20, 2020 Commission Meeting
- B. Acceptance of March 2020 Financial Report
- C. Approval of Payment of Invoices
 - i. Keystone Waters, LLC – February 2020 Administrative Services
 - ii. Keystone Waters, LLC – February 2020 Printing Expenses
 - iii. Barr Engineering – February 2020 Engineering Services
 - iv. Triple D Espresso – March 2020 Meeting Refreshments
 - v. Wenck – February 2020 WOMP Monitoring
 - vi. Lawn Chair Gardener – February 2020 Administrative and Education Services
 - vii. Triple D Espresso – Smart Salt Training Catering
 - viii. MMKR – 2019 Financial Audit
- D. Approval of Agreement with Hennepin County for 2020 River Watch Program
- E. Approval of Resolution of Appreciation for Alternate Commissioner Monk
- F. Approval of Reimbursement Request from Golden Valley for DeCola Ponds CIP Project
- G. Approval of Leef South Redevelopment Project, Minneapolis

5. BUSINESS

- A. Set Public Hearing for Minor Plan Amendment

6. COMMUNICATIONS (10 minutes)

- A. Administrator's Report
 - i. Update on CIP projects
 - ii. CAMP Volunteers Update
 - iii. Volunteers Needed for Discover Plymouth Event and Westwood Hills Grand Opening
- B. Chair
- C. Commissioners
- D. TAC Members
- E. Committees
- F. Education Consultant
- G. Legal Counsel

- H. Engineer
 - i. Update on MTD work group

7. INFORMATION ONLY (Information online only)

- A. CIP Project Updates <http://www.bassettcreekwmo.org/projects>
- B. Grant Tracking Summary and Spreadsheet
- C. 2020 BCWMC Administrative Calendar
- D. WMWA February Meeting Minutes
- E. BCWMC Letter to MPCA
- F. AMLAC Request to Permanently Close West Medicine Lake Access
- G. WCA Notice of Decision, Plymouth
- H. WCA Notices of Application, Plymouth
- I. MAWD Summer Tour

8. ADJOURNMENT

Upcoming Meetings & Events

- ~~[MAWD Legislative Event](#): March 18 – 19, State Capitol, St. Paul~~
- [BCWMC Education Committee Meeting](#): Monday April 6th, 11:00 – 12:30, Golden Valley City Hall
- [Sweeney Lake Water Quality Improvement Project Public Open House](#): Wednesday April 8th, 5:30 – 7:30 p.m., Virtual Event, more information coming
- [BCWMC Budget Committee Meeting](#): Thursday April 9th, 12:00 – 1:30 p.m., Golden Valley City Hall
- [Bassett Creek Watershed Mgmt Commission Meeting](#): Thursday April 16th, 8:30 a.m., Golden Valley City Hall
- [Discover Plymouth](#): April 18th; 9:00 a.m. – 2:00 p.m., Plymouth Creek Center, Plymouth
- [Metro MAWD Meeting](#): April 21; 7:00 – 9:00 p.m., Capitol Region Watershed District, St. Paul
- [St. Louis Park Arbor Day/Earth Day Event](#) – April 25th, 9:00 – 12:00, Westwood Hills Nature Center
- [Westwood Hills Nature Center Grand Opening](#) – Monday June 8th, 4:00 – 8:00 p.m., Westwood Hills Nature Center



Bassett Creek Watershed Management Commission

AGENDA MEMO

Date: March 16, 2020

To: BCWMC Commissioners

From: Laura Jester, Administrator

RE: Background Information for 3/19/20 BCWMC Meeting – Revised Agenda

1. **CALL TO ORDER and ROLL CALL**
2. **PUBLIC FORUM ON NON-AGENDA ITEMS**
3. **APPROVAL OF AGENDA – ACTION ITEM with attachment**
4. **CONSENT AGENDA**
 - A. Approval of Minutes – February 20, 2020 Commission Meeting- **ACTION ITEM with attachment**
 - B. Acceptance of March Financial Report - **ACTION ITEM with attachment**
 - C. Approval of Payment of Invoices - **ACTION ITEM with attachments (online) – I reviewed the following invoices and recommend approval of payment.**
 - i. Keystone Waters, LLC – February 2020 Administrative Services
 - ii. Keystone Waters, LLC – February 2020 Printing Expenses
 - iii. Barr Engineering – February 2020 Engineering Services
 - iv. Triple D Espresso – March 2020 Meeting Refreshments
 - v. Wenck – February 2020 WOMP Monitoring
 - vi. Lawn Chair Gardener – February 2020 Administrative and Education Services
 - vii. Triple D Espresso – Smart Salt Training Catering
 - viii. MMKR – 2019 Financial Audit
 - D. Approval of Agreement with Hennepin County for 2020 River Watch Program – **ACTION ITEM with attachment** – *Each year the Commission enters an agreement with Hennepin County for participation in the River Watch Program. The program engages students through field trips to the creek to collect macroinvertebrates and other data on stream health. This item is paid through the Watershed Education Partnerships annual budget line. Staff recommends approval. The agreement was reviewed by the Commission Legal Counsel.*
 - E. Approval of Resolution of Appreciation for Alternate Commissioner Monk- **ACTION ITEM with attachment** – *Alternate Commissioner Monk from Minnetonka has resigned from the Commission. As is customary, the Commission should recognize his work with the attached resolution of appreciation.*
 - F. Approval of Reimbursement Request from Golden Valley for DeCola Ponds B & C Improvement Project – **ACTION ITEM with attachment** (additional documentation available upon request) – *The DeCola Ponds B and C Improvement Project is well underway with all of design work and at least 75% of the dredging work complete. The city is requesting reimbursement for work completed October 2018 through December 2019. I reviewed all expense documentation and recommend approval.*
 - G. Approval of Leef South Redevelopment Project, Minneapolis – **ACTION ITEM with attachment** - *The proposed project is in the Bassett Creek Valley in Minneapolis includes construction of a six-story office building, a second level parking deck, a surface parking lot, a stormwater management system, and utility improvements resulting in 1.19 acres of grading and creating 1.14 acres of new and fully reconstructed impervious surfaces. The proposed project will result in a net increase in floodplain storage of approximately 284 cubic yards and does not result in an increase in flood level at any point along the trunk system. An underground filtration system is proposed to provide stormwater treatment. Staff recommends*

conditional approval with comments in the attached memo.

5. BUSINESS

- A. Set Public Hearing for Minor Plan Amendment – ACTION ITEM with attachment – *This item was tabled at the February meeting. A public hearing should be held no later than the Commission’s May meeting (May 21st) in order to set a maximum levy for Hennepin County. Although the agenda for the public hearing is dependent on decisions that will be made regarding the 5-year CIP at a future meeting, staff recommends setting the public hearing for May 21st in order to give member cities a 45-day notice, as required by the BCWMC Watershed Management Plan. Once the agenda for the hearing is set, an updated notice will be sent to cities and published in news outlets. Staff is recommending that the plan amendment include updates to the wetland management policies in the plan. Please see the attached memo for further information.*

6. COMMUNICATIONS (10 minutes) – INFORMATION ITEMS no attachments

- A. Administrator’s Report
 - i. Update on CIP projects
 - ii. CAMP Volunteers Update
 - iii. Volunteers Needed for Discover Plymouth Event and Westwood Hills Grand Opening
- B. Chair
- C. Commissioners
- D. TAC Members
- E. Committees
- F. Education Consultant
- G. Legal Counsel
- H. Engineer
 - i. Update on MTD work group

7. INFORMATION ONLY (Information online only)

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- Sweeney Lake Water Quality Improvement Project Public Open House: Wednesday April 8th, 5:30 – 7:30 p.m., Brookview Golden Valley
- BCWMC Budget Committee Meeting: Thursday April 9th, 12:00 – 1:30 p.m., Golden Valley City Hall
- Bassett Creek Watershed Mgmt Commission Meeting: Thursday April 16th, 8:30 a.m., Golden Valley City Hall

- Discover Plymouth: April 18th; 9:00 a.m. – 2:00 p.m., Plymouth Creek Center, Plymouth
- Metro MAWD Meeting: April 21; 7:00 – 9:00 p.m., Capitol Region Watershed District, St. Paul
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- Westwood Hills Nature Center Grand Opening – Monday June 8th, 4:00 – 8:00 p.m., Westwood Hills Nature Center



Bassett Creek Watershed Management Commission

DRAFT Minutes of Regular Meeting
Thursday, February 20, 2020
8:30 a.m.
Golden Valley City Hall, Golden Valley MN

1. CALL TO ORDER and ROLL CALL

On Thursday, February 20, 2020 at 8:33 a.m. in the Council Conference Room at Golden Valley City Hall (7800 Golden Valley Rd.), Vice Chair Welch called the meeting of the Bassett Creek Watershed Management Commission (BCWMC) to order.

Commissioners and city staff present:

City	Commissioner	Alternate Commissioner	Technical Advisory Committee Members (City Staff)
Crystal	Dave Anderson	<i>Vacant Position</i>	<i>Absent</i>
Golden Valley	Stacy Harwell (Treasurer)	<i>Absent</i>	Jeff Oliver
Medicine Lake	<i>Absent</i>	Gary Holter	<i>Absent</i>
Minneapolis	Michael Welch (Vice Chair)	<i>Vacant Position</i>	<i>Absent</i>
Minnetonka	Mike Fruen	<i>Vacant Position</i>	Leslie Yetka
New Hope	<i>Absent</i>	Patrick Crough	Megan Hedstrom
Plymouth	Jim Prom	Catherine Cesnik	Ben Scharenbroich
Robbinsdale	<i>Vacant Position</i>	<i>Absent</i>	Marta Roser, Richard McCoy
St. Louis Park	Jim de Lambert	Patrick Noon	Erick Francis
Administrator	Laura Jester, Keystone Waters		
Engineer	Karen Chandler, Barr Engineering		
Recorder	Dawn Pape, Lawn Chair Gardener		
Legal Counsel	Dave Anderson, Kennedy & Graven		
Presenters/ Guests/Public	McKenzie Erickson, resident Meg Rattei, Barr Engineering Senior Biologist		

2. PUBLIC FORUM ON NON-AGENDA ITEMS

No residents present

3. APPROVAL OF AGENDA

MOTION: Commissioner Welch moved to approve the agenda. Commissioner Harwell seconded the motion. Upon a vote, the motion carried 8-0, with the City of Robbinsdale absent from the vote.

4. CONSENT AGENDA

Commissioner Welch requested to remove items 4G and 4J from consent agenda and add them to the business agenda as 6F and 6G. Administrator Jester noted the revised FY2019 year end financial report distributed to commissioners at the beginning of the meeting.

The following items were approved as part of the amended consent agenda: January 16, 2020 commission meeting minutes, financial reports, payment of invoices, approval of Resolution 20-03 Designating Depositories for BCWMC Funds, approval of Resolution 20-04 Transferring Funds from Administrative Fund to Long-Term Funds for Next Generation Plan Development, approval to designate *Finance and Commerce* as the official news publication of the BCWMC, approval of contract with HDR, Inc. for website hosting and maintenance, approval of contract with Lawn Chair Gardener for 2020 administrative services, approval of Golden Valley 2020 Pavement Management Program (PMP) project.

The general and construction account balances reported in the FY2019 year-ed Financial Report are as follows:

Checking Account Balance	626,281.26
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TOTAL GENERAL FUND BALANCE	626,281.26
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TOTAL CASH & INVESTMENTS ON-HAND (2/12/20)	\$3,910,099.37
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CIP Projects Levied – Budget Remaining	\$ (5,942,627.84)
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Closed Projects Remaining Balance	\$ (521,576.18)
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2012-2017 Anticipated Tax Levy Revenue	\$ 8,525.14
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2018 Anticipated Tax Levy Revenue	\$ 11,050.60
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Anticipated Closed Project Balance	\$ (502,100.44)
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MOTION: Alternate Commissioner Holter moved to approve the consent agenda as amended. Commissioner Welch seconded the motion. Upon a vote, the motion carried 8-0, with the City of Robbinsdale absent from the vote.

5. ORGANIZATIONAL MEETING

A. Elect Officers

Chair Prom asked for the nomination of officers.

MOTION: Commissioner Welch moved to elect the current slate of officers including Chair Jim Prom, Vice Chair Michael Welch, Secretary Jim de Lambert, and Treasurer Stacy Harwell. Alternate Commissioner Holter seconded the motion. Upon a vote, the motion carried 8-0, with the City of Robbinsdale absent from the vote.

B. Review 2020 Commission Calendar and Areas of Work

Administrator Jester reviewed the Commission's 2020 meeting calendar and areas of work, noting that the list of items in the calendar is not a complete list of all business over the course of the year, only the regular issues known to be coming to the Commission. She reminded Commissioners this calendar is updated monthly and always included with the "information only" items on the agenda.

C. Appoint Committee Members

Administrator Jester noted that committees serve an important function, and that committee members can be alternate or primary commissioners, TAC members, and even others outside of the commission. The following people volunteered for committees:

- i. Administrative Services Committee
Chair Prom, Vice Chair Welch, Secretary de Lambert, Treasurer Harwell
- ii. Budget Committee
Chair Prom, Commissioner Anderson, Alternate Commissioner McDonald Black
- iii. Education Committee
Commissioner Fruen, Alternate Commissioners Cesnik and Noon, TAC member Chirpich and education consultant Pape
- iv. Technical Advisory Committee (TAC) Liaison
Rather than appoint a liaison for all TAC meetings, the commissioners decided that it made the most sense to appoint liaisons as TAC discussion issues become known, to make sure the right people attend the TAC meetings to take part in informed discussions. Commissioner Harwell said that she'd be willing to serve if meetings fell on Thursdays and Commissioner de Lambert shared that he enjoys these meetings. Commissioner Welch added that he thought it was a good idea to rotate commissioners at TAC meetings.

D. Review Open Meeting Law

Commission Legal Counsel Anderson summarized the open meeting law and informed the Commission that this law also applies to committees. Meetings must be noticed and held in a public space. Minutes must be kept and materials made available. The most common way to violate this law is at social gatherings when conversation turns to official business or when meetings aren't noticed properly. To avoid email communication from becoming a "serial meeting," never reply to all, or request to only be blind copied.

E. Review Year End Financial Report (Feb 1, 2019 - Jan 31, 2020)

Administrator Jester reviewed the status of the 2019 budget at year's end noting that overall, the Commission ended the year about \$49,000 in the black once Minneapolis reimburses the commission for the Bassett Creek Valley Study work. She discussed a couple areas where expenses were more than expected including technical services and non-fee/preliminary reviews. She reported that the manufactured treatment devices (MTD) issue and water monitoring program review (along with 8 TAC meetings) took a lot of engineers' time under technical services. There was discussion about the costs related to assisting cities or project proposers with questions before project applications (and fees) are submitted. Engineer Chandler informed the commission that the commission engineers continue to receive more complicated questions before applications are submitted. Administrator Jester provided clarification about the Bassett Creek Valley Study's expenses, billing, and payments. Commissioner Welch responded to Engineer Chandler's point that pre-review discussions are sometimes important and can help ensure good results. He suggested a policy may be needed about the amount of pre-application time/expenses that can be offered and that the Commission should look at expenses on this line item in July or August. Engineer Chandler added that she thinks it's important to continue to work with folks before submittal of an application to establish/maintain good will with the member cities and the consultants.

6. BUSINESS

A. Review 2019 Northwood and Cavanaugh Lake Monitoring Reports

Senior Biologist from Barr Engineering, Meg Rattei, reviewed the results of monitoring in Cavanaugh Lake (Sunset Pond) and Northwood Lake in 2019. The BCWMC has monitored water quality conditions in the watershed's ten priority lakes since 1972. The purpose of this monitoring is to detect changes or trends in water quality and evaluate the effectiveness of efforts to preserve or improve water quality. In 2019, the BCWMC monitored water chemistry

(nutrients, chlorophyll a, chloride), water measurements (e.g., clarity, dissolved oxygen), phytoplankton and zooplankton (microscopic plants and animals), and macrophytes (aquatic plants) in Northwood Lake in New Hope and Cavanaugh Lake (Sunset Hill Pond) in Plymouth.

Results of 2019 monitoring show that Northwood Lake did not meet applicable MPCA and BCWMC water quality standards for nutrients in shallow lakes. Trend analyses indicate that water clarity has significantly declined over the past 20 years. The plant community also did not meet the (MnDNR) plant index of biotic integrity (IBI) standard for Floristic Quality Index (FQI), which measures the quality of the plant community. However, the plant community has consistently improved since 2000. Invasive yellow iris was observed and can spread quickly. TAC member Hedstrom indicated that she would follow up with the homeowner with the iris to hopefully remove the plant. The zooplankton community is good for the lake and will likely be eaten by fish.

Curly-leaf pondweed was noted as a considerable concern in Northwood Lake in 2019. Although present during monitoring in 2016, the plant was present in relatively low densities and wasn't considered a problem; now it engulfs the lake. Because of its potential impact on lake water quality, there was discussion about the possibility of performing a drawdown of the lake in an attempt to reduce curly-leaf pondweed. Administrator Jester was asked to develop a list of possible actions to improve the lake and to consider a future presentation from a different watershed where a drawdown was successful.

Results of 2019 monitoring s show that Cavanaugh Lake met applicable MPCA and BCWMC water quality standards for shallow lakes. In general, it has low levels of phosphorus, improved water quality, and curly-leaf pondweed isn't a problem—yet. It was noted the lake's watershed is only 126 acres so it's not as vulnerable to runoff. Prior to 2019, the last time the lake was monitored was 1998.

Ms. Rattei reported that the plant community in Cavanaugh met the MnDNR plant index of biotic integrity (IBI) standard for the number of species and Floristic Quality Index, which measures the quality of the plant community. Both the lake's water quality and plant community have improved since 1998, when the lake failed to meet standards for water quality and plant community. This lake has low chloride levels and the phyto- and zooplankton levels are good, indicating the presence of fish.

TAC member Scharenbroich added that stormwater is not treated before entering the lake. There was discussion about finding a volunteer to monitor the lake through CAMP. Administrator Jester will work on that.

B. Consider Approval of Technical Advisory Committee Recommendations

i. Water Monitoring Program

Administrator Jester reminded commissioners that last August the Commission asked the TAC to review the BCWMC water monitoring program to determine whether changes are needed, and to help inform the annual budgeting process. She noted the monitoring program is an expensive program that is typically scrutinized when annual budgets are considered. Administrator Jester gave an overview of the monitoring program, which started in in 1972. The TAC reviewed and discussed the Commission's water monitoring program in detail at their October, November and January meetings.

Engineer Chandler noted that the TAC first determined the high priority goals for the monitoring program which included appropriately assessing waterbodies against state standards and tracking trends. She walked commissioners through the extensive process that the TAC took to make their recommendations. She noted that most of the discussion and review time was spent making sure the program meets state protocols to appropriately assess waterbodies. The TAC recommends only minor changes to the monitoring program that end up increasing the monitoring budget by approximately 5% in an average year:

- dropping alkalinity, sulfates, TOC and COD, from stream monitoring because no state standards for these measurements
- adding instantaneous and 4-day dissolved oxygen and instantaneous pH to stream monitoring

TAC Member Scharenbroich added that the cities supplement the monitoring and it was noted that the Commission works hard to collaborate with others and never duplicate efforts.

Engineer Chandler pointed out that if your monitoring finds a problem, you can't go back to get missing data and that consistent data is important.

Commissioner Welch advised that this is where commissioners should listen to the technical experts. He added 'if we don't measure it, we can't fix it' and that he appreciated the thorough review.

MOTION: Commissioner Welch moved to approve the Technical Advisory Committee recommendations regarding changes to the BCWMC water monitoring program. Commissioner Anderson seconded the motion. Upon a vote, the motion carried 8-0, with the City of Robbinsdale absent from the vote.

ii. **5-year Capital Improvement Program**

Administrator Jester reported the TAC reviewed the proposed CIP projects for inclusion on the 2022 – 2026 CIP list and recommended them for approval including cost sharing the purchase of a high efficiency street sweeper for the city of Plymouth. There was considerable discussion about whether the BCWMC should fund the purchase of a street sweeper, considering that CIP funds haven't been used for equipment purchases and that other cities would likely request similar funding. Commissioner Welch voiced concerns that the request had little connection to the BCWMC plan and that the plan's CIP policy is too vague. Chair Prom also voiced concerns about cost sharing an equipment purchase.

Commissioner Harwell offered that street sweepers are proven to reduce pollution and at a much lower cost per pound of phosphorus removal. Alternate Commissioner Cesnik agreed and added that an ounce of prevention is worth a pound of cure. Commissioner de Lambert mentioned that buying a street sweeper is purchasing equipment, not implementing a capital project. He suggested turning it into a project by documenting the various pollutant removals.

TAC member Scharenbroich added that monitoring will be done, they are committed to reporting and that the data can be tracked by subwatershed. He also added that there is a big operational cost the city will be spending each year. Alternate Commissioner Holter said we put in equipment all the time. This equipment just happens to be mobile.

Administrator Jester noted that the sweeper would help address the Medicine Lake TMDL and that the project scored well on the CIP matrix when compared to other projects. She noted this is a cost-effective way to meet water quality goals.

MOTION: Commissioner Harwell moved to approve the TAC's recommendation to include cost sharing the purchase of an enhanced street sweeper on the Commission's 5-year CIP within the context of a cost share policy developed with the Commission's Legal Counsel and to work with the city of Plymouth to develop data collection and tracking mechanisms. Commissioner Fruen seconded the motion.

Discussion: TAC member Roser reminded the group that this is an enhanced street vacuum/sweeper that is collecting extra pollutants. She added that if the pollutants reach the water, they are more costly to remove.

Engineer Chandler noted the city intends to also sweep up extra road salt with the new sweeper and that this may be a viable approach to help address the difficult issue of chloride impairments.

Chair Prom asked Commission Legal Counsel Anderson whether there is a good mechanism to consider these costs and tie it to the plan. The point was made that other watershed organizations have purchased

equipment with CIP funds, including cost sharing Plymouth's new sweeper. Mr. Anderson noted that an agreement could include monitoring, reporting and outlining the way this ties into our plan.

Upon a roll call vote, the motion failed 6-2, with the cities of Golden Valley and Minnetonka in favor; the cities of Crystal, Medicine Lake, Minneapolis, New Hope, Plymouth, and St. Louis Park against; and Robbinsdale absent from the vote.

[Commissioner Fruen departs.]

MOTION: Chair Prom moved to direct staff to bring further information and policy recommendations on the proposed CIP project to cost share equipment purchase to the March meeting. Commissioner de Lambert seconded the motion. Upon a roll call vote the motion passed 6-1, with the city of Minneapolis voting against the motion, the cities of Crystal, Golden Valley, Medicine Lake, New Hope, Plymouth, and St. Louis Park voting in favor, and the cities of Minnetonka and Robbinsdale absent from the vote.

Discussion on the TAC's recommendations on additional 5-year CIP projects was tabled until the March meeting.

C. Set Public Hearing for Minor Plan Amendment

This was tabled until March when all CIP projects will be evaluated.

D. Review 2017 Plymouth Creek Restoration Project Final Report

TAC member Scharenbroich gave a summary of the final project report showing before and after pictures. He noted that the project was completed under budget. He noted that a variety of bank stabilization techniques were used including bioengineering, some riprap, and bank grading. He reported the city will maintain the vegetation as with other projects.

[Commissioner Harwell departs.]

E. Review 2019 Staff Evaluations

Chair Prom distributed a summary of evaluations on staff provided by some TAC members and commissioners in December. He reported that both Engineer Chandler and Administrator Jester meet or exceed expectations in all areas and no serious concerns were raised that warrant further investigation. It was noted the evaluations are considered private data and should not be shared with the public.

F. Adopt Updated Data Practices Policy

Commissioner Welch commented that he pulled this from the consent agenda because he believes that any changes to policies should be presented with "track changes" feature. This item was tabled until the March meeting.

G. Approval of 2020 Plymouth Street Reconstruction Project

Commissioner Welch expressed concern that although this project reconstructs 13.76 acres of impervious surface, it does not require water quality treatment. He requested that the Commission's linear project requirements be assessed again by the TAC.

MOTION: Chair Prom moved to approve the 2020 Plymouth Street Reconstruction Project. Commissioner Anderson seconded the motion. Upon a vote, the motion carried 5-1, with the City of Minneapolis voting against, and the Cities of Golden Valley, Medicine Lake and Robbinsdale absent from the vote.

7. COMMUNICATIONS

A. Administrator's Report

- i. Clean Water Fund Grant Updates – All grant reporting was complete, the BCWMC received approval for the Lawns to Legumes grant, and the Bryn Mawr Project work plan for the grant agreement would be completed soon.

- ii. Update on MTDs discussion with MPCA – A work group was developed to be facilitated by the MPCA; Commission Engineers Herbert and Phillips will participate on the work group and split their expenses with other watershed clients.
- iii. Mt. Olivet and Parkers Lake Drainage Project Open House – The open house went well and had a good turnout of residents
- iv. MAWD Day at Capitol – Registration now open
- v. MAWD summer tour in Minnehaha Creek – mark calendars; good opportunity as it’s usually out state
- vi. Smart Salt Training – Filled up in a week and now has a waiting list; registrants include private applicators

B. Chair

- i. The chair asked that controversial agenda items be put at the beginning of agenda

C. Commissioners

- i. Commissioner Welch participated in the MN Assoc. of City Attorneys meeting. There was good discussion about increased flooding and stormwater issues.
- ii. Commissioner Welch updated the commission that Clean Water Action is taking the lead on the limited liability chloride legislation.

MOTION: Commissioner Welch moved to have the Administrator draft a letter for the chair signature supporting the MPCA’s ability to charge a fee for chloride workshops, if needed. Commissioner Anderson seconded the motion. Upon a vote, the motion carried 6-0, with the Cities of Golden Valley, Medicine Lake and Robbinsdale absent from the vote.

[Alternate Commissioner Noon departs.]

D. TAC Members

TAC member Yetka reported that the Road Salt Symposium will now be called the “Salt Symposium” and will take place on August 5th at the Medina Ballroom.

E. Committees

Education Consultant Pape reported on behalf of the education committee that she is bringing a group of students to the Capitol building to testify in senate hearing on February 24th.

F. Legal Counsel - Nothing to report.

G. Engineer - Nothing to report.

8. INFORMATION ONLY (Information online only)

- A. CIP Project Updates <http://www.bassettcreekwmo.org/projects>
- B. Grant Tracking Summary and Spreadsheet
- C. [Local News Story on Sweeney Lake Water Quality Improvement Project](#)
- D. 2019 River Watch Report E. WCA Notice of Application, Plymouth
- F. MAWD Summer Tour
- G. [Southwest Journal Article on Bryn Mawr Meadows Water Quality Improvement Project](#)

9. ADJOURNMENT

The meeting was adjourned at 11:22 a.m.

Signature/Title

Date

Signature/Title

Date

Item 4B.
 BCWMC 3-19-20
 Full document
 online

(UNAUDITED)

BEGINNING BALANCE	12-Feb-2020	868,611.51
ADD:		
General Fund Revenue:		
Interest less Bank Fees		(23.96)
City of Minneapolis	Bassett Creek Study	10,256.69
City of Minneapolis	Bassett Creek Study	43,315.20
Permits:		
The George Group North LLC	BCWMC 2020-02	1,500.00
John Gabbert	BCWMC 2020-05	3,500.00
Environmental Resources Management	BCWMC 2020-04	1,500.00
South Lot LLC	BCWMC 2020-06	3,500.00
Reimbursed Construction Costs		817,946.99
	Total Revenue and Transfers In	881,494.92
DEDUCT:		
Checks:		
3280 Barr Engineering	Feb Engineering	71,404.18
3281 Keystone Waters LLC	Feb Admin	4,771.47
3282 Lawn Chair Gardener	Feb Admin Services	1,193.29
3283 Triple D Espresso	Outreach Mtg & Mar Mtg	600.96
3284 Wenck Associates	Feb WOMP	1,166.53
3285 MMKR	Audit Services	1,200.00
3286 City of Golden Valley	DeCola Ponds B&C	787,615.09
	Total Checks/Deductions	867,951.52
Outstanding from previous month:		
3279 Shingle Creek WMC	2020 Dues	6,000.00
ENDING BALANCE	11-Mar-2020	882,154.91

Bassett Creek Watershed Commission
 General Fund (Administration) Financial Report
 Fiscal Year: February 1, 2020 through January 31, 2021
 MEETING DATE: March 19, 2020

(UNAUDITED)

	2020/2021 BUDGET	CURRENT MONTH	YTD 2020/2021	BALANCE
OTHER GENERAL FUND REVENUE				
ASSESSMENTS TO CITIES	550,450	0.00	512,820.00	37,630.00
PROJECT REVIEW FEES	50,000	10,000.00	13,000.00	37,000.00
WOMP REIMBURSEMENT	5,000	0.00	0.00	5,000.00
TRANSFERS FROM LONG TERM FUND & CIP	42,000	0.00	0.00	42,000.00
CIP ADMINISTRATIVE CHARGE	30,000			
LONG TERM MAINT-FLOOD CONTROL PRC	12,000			
USE OF FUND BALANCE	15,000	0.00	0.00	15,000.00
METROPOLITAN COUNCIL - LRT		0.00	0.00	
THREE RIVERS PARK DISTRICT - CURLY LEAF POND		0.00	0.00	
CITY OF MINNEAPOLIS-BASSETT CREEK STUDY		53,571.89	53,571.89	
REVENUE TOTAL	662,450	63,571.89	579,391.89	136,630.00
EXPENDITURES				
ENGINEERING & MONITORING				
TECHNICAL SERVICES	130,000	12,822.00	12,822.00	117,178.00
DEV/PROJECT REVIEWS	75,000	10,156.00	10,156.00	64,844.00
NON-FEE/PRELIM REVIEWS	20,000	2,130.50	2,130.50	17,869.50
COMMISSION AND TAC MEETINGS	12,000	1,037.20	1,037.20	10,962.80
SURVEYS & STUDIES	10,000	0.00	0.00	10,000.00
WATER QUALITY/MONITORING	102,600	13,661.58	13,661.58	88,938.42
WATER QUANTITY	6,500	465.00	465.00	6,035.00
ANNUAL FLOOD CONTROL INSPECTIONS	12,000	200.00	200.00	11,800.00
REVIEW MUNICIPAL PLANS	2,000	0.00	0.00	2,000.00
WOMP	20,500	1,766.53	1,766.53	18,733.47
APM / AIS WORK	30,000	0.00	0.00	30,000.00
ENGINEERING & MONITORING TOTAL	420,600	42,238.81	42,238.81	378,361.19
PLANNING				
Next Generation Plan Development	18,000	0.00	0.00	18,000.00
MAINTENANCE FUNDS TOTAL	18,000	0.00	0.00	18,000.00
ADMINISTRATION				
ADMINISTRATOR	69,200	4,374.00	4,374.00	64,826.00
MN ASSOC WATERSHED DIST DUES	500	0.00	500.00	0.00
LEGAL COSTS	15,000	0.00	0.00	15,000.00
AUDIT, INSURANCE & BONDING	18,000	1,200.00	1,300.00	16,700.00
FINANCIAL MANAGEMENT	3,500	0.00	0.00	3,500.00
MEETING EXPENSES	1,500	111.75	223.50	1,276.50
ADMINISTRATIVE SERVICES	15,000	1,055.11	1,055.11	13,944.89
ADMINISTRATION TOTAL	122,700	6,740.86	7,452.61	115,247.39
OUTREACH & EDUCATION				
PUBLICATIONS/ANNUAL REPORT	1,300	0.00	0.00	1,300.00
WEBSITE	1,000	0.00	0.00	1,000.00
PUBLIC COMMUNICATIONS	1,000	0.00	0.00	1,000.00
EDUCATION AND PUBLIC OUTREACH	22,000	1,024.86	7,024.86	14,975.14
WATERSHED EDUCATION PARTNERSHIPS	15,850	0.00	0.00	15,850.00
OUTREACH & EDUCATION TOTAL	41,150	1,024.86	7,024.86	34,125.14
MAINTENANCE FUNDS				
EROSION/SEDIMENT (CHANNEL MAINT)	25,000	0.00	0.00	25,000.00
LONG TERM MAINTENANCE (moved to CF)	25,000	0.00	0.00	25,000.00
MAINTENANCE FUNDS TOTAL	50,000	0.00	0.00	50,000.00
TMDL WORK				
TMDL IMPLEMENTATION REPORTING	10,000	0.00	0.00	10,000.00
TMDL WORK TOTAL	10,000	0.00	0.00	10,000.00
DUE FROM OTHER GOVERNMENTS				
Due from City of Minneapolis	0	0.00	0.00	0.00
	0	0.00	0.00	0.00
TOTAL EXPENSES	662,450	50,004.53	56,716.28	605,733.72

BCWMC Construction Account
 Fiscal Year: February 1, 2020 through January 31, 2021
 March 2020 Financial Report

(UNAUDITED)

Cash Balance 02/12/2020			
Cash		1,325,558.57	
	Total Cash		1,325,558.57
Investments:			
Minnesota Municipal Money Market (4M Fund)		2,500,000.00	
2018-20 Dividends		88,193.54	
2020-21 Dividends		0.00	
Dividends-Current		2,682.20	
	Total Investments		<u>2,590,875.74</u>
	Total Cash & Investments		3,916,434.31
Add:			
Interest Revenue (Bank Charges)		(64.81)	
	Total Revenue		<u>(64.81)</u>
Less:			
CIP Projects Levied - Current Expenses - TABLE A		(791,607.09)	
Proposed & Future CIP Projects to Be Levied - Current Expenses - TABLE B		(26,339.90)	
	Total Current Expenses		<u>(817,946.99)</u>
	Total Cash & Investments On Hand 3/11/2020		<u><u>3,098,422.51</u></u>
Total Cash & Investments On Hand		3,098,422.51	
Current Anticipated Levy -2019 (July 19/Dec 19/Jan 20)		10,952.29	
Current Anticipated Levy -2020 (July 20/Dec 20/Jan 21)		1,500,000.00	
CIP Projects Levied - Budget Remaining - TABLE A		(5,155,926.14)	
Closed Projects Remaining Balance		(546,551.34)	
2012 - 2017 Anticipated Tax Levy Revenue - TABLE C		8,425.14	
2018 Anticipated Tax Levy Revenue - TABLE C		11,050.60	
Anticipated Closed Project Balance		(527,075.60)	
Proposed & Future CIP Project Amount to be Levied - TABLE B		0.00	

TABLE A - CIP PROJECTS LEVIED							Grant Funds Received
	Approved Budget	Current Expenses	2020/21 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget		
Four Seasons Mall Area Water Quality Proj (NL-2) 2014	990,000	0.00	0.00	175,000.06	814,999.94		
Schaper Pond Enhance Feasibility/Project (SL-1)(SL-3) Twin Lake Alum Treatment Project (TW-2) 2016	612,000 163,000	3,146.00 0.00	3,146.00 0.00	430,817.45 91,037.82	181,182.55 71,962.18		
Northwood Lake Pond (NL-1) ² Budget Amendment 2017	822,140 <u>611,600</u>	1,433,740	0.00	0.00	1,447,143.38	(13,403.38)	
Main Stem Cedar Lk Rd-Dupont (2017CR-M) 2017 Levy 2018 Levy 2018	400,000 664,472	1,064,472	0.00	0.00	132,029.25	932,442.75	
Plymouth Creek Restoration (2017 CR-P) 2017 Levy 2018 Levy 2018	580,930 282,643	863,573	0.00	0.00	627,329.10	236,243.90	
Bassett Creek Park & Winnetka Ponds Dredging (BCP-2) Mar-19 Budget Adj Mar-19 From Channel Maint 2019	1,000,000 114,301 9,050	0.00	0.00	1,063,148.32	60,202.68		
Decola Ponds B&C Improvement(BC-2,BC-3,BC-8) Westwood Lake Water Quality Improvement Project(Feasibility) 2020	1,031,500 404,500	787,615.09 0.00	787,615.09 0.00	894,212.65 49,154.20	137,287.35 355,345.80	34,287	
Bryn Mawr Meadows (BC-5) Jevne Park Stormwater Mgmt Feasibility (ML-21) Crane Lake Improvement Proj (CL-3) Sweeney Lake WQ Improvement Project (SL-8)	904,900 500,000 582,837 550,000	0.00 0.00 0.00 846.00	0.00 0.00 0.00 846.00	97,687.03 46,390.75 12,000.85 1,996.00	807,212.97 453,609.25 570,836.15 548,004.00		
	<u>10,223,873</u>	<u>791,607.09</u>	<u>791,607.09</u>	<u>5,067,946.86</u>	<u>5,155,926.14</u>		

TABLE B - PROPOSED & FUTURE CIP PROJECTS TO BE LEVIED

	Approved Budget - To Be Levied	Current Expenses	2020/21 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget
2021					
Main Stem Dredging Project (BC-7)	0	15,544.00	15,544.00	55,999.72	(55,999.72)
Mt Olivet Stream Restoration (ML-20)	0	3,459.00	3,459.00	19,492.12	(19,492.12)
Parkers Lake Stream Restoration (PL-7)	0	7,336.90	7,336.90	29,755.94	(29,755.94)
2021 Project Totals	0	26,339.90	26,339.90	105,247.78	(105,247.78)
Total Proposed & Future CIP Projects to be Levied	0	26,339.90	26,339.90	105,247.78	(105,247.78)

TABLE C - TAX LEVY REVENUES

	County Levy	Abatements / Adjustments	Adjusted Levy	Current Received	Year to Date Received	Inception to Date Received	Balance to be Collected	BCWMO Levy
2020 Tax Levy	1,500,000.00		1,500,000.00				1,500,000.00	1,500,000.00
2019 Tax Levy	1,436,000.00		1,436,000.00			1,425,047.71	10,952.29	1,436,000.00
2018 Tax Levy	1,346,815.00		1,346,815.00			1,335,764.40	11,050.60	947,115.00
2017 Tax Levy	1,303,600.00	(10,691.48)	1,292,908.52			1,287,711.00	5,197.52	1,303,600.00
2016 Tax Levy	1,222,000.00	(9,526.79)	1,212,473.21			1,210,070.71	2,402.50	1,222,000.00
2015 Tax Levy	1,000,000.00	32.19	1,000,032.19			999,356.51	675.68	1,000,000.00
2014 Tax Levy	895,000.00	(8,533.75)	886,466.25			886,316.81	149.44	895,000.00
				<u>0.00</u>			<u>30,428.03</u>	

OTHER PROJECTS:

	Approved Budget	Current Expenses / (Revenue)	2020/21 YTD Expenses / (Revenue)	INCEPTION To Date Expenses / (Revenue)	Remaining Budget
TMDL Studies					
TMDL Studies	135,000	0.00	0.00	107,765.15	27,234.85
TOTAL TMDL Studies	135,000	0.00	0.00	107,765.15	27,234.85
Flood Control Long-Term					
Flood Control Long-Term Maintenance	694,573	0.00	0.00	409,169.91	
Less: State of MN - DNR Grants		0.00	0.00	(141,846.90)	
	694,573	0.00	0.00	267,323.01	427,249.99
Annual Flood Control Projects:					
Flood Control Emergency Maintenance	500,000	0.00	0.00	0.00	500,000.00
Annual Water Quality					
Channel Maintenance Fund	415,950	0.00	0.00	255,619.60	
Metro Blooms Harrison Neighborhood CWF Grant Project					
BWSR Grant	134,595	0.00	0.00	87,892.89	46,702.11
	134,595	0.00	0.00	(67,298.00)	(67,298.00)
	134,595	0.00	0.00	20,594.89	
Total Other Projects	1,880,118	0.00	0.00	584,004.65	933,888.95

AGREEMENT FOR SERVICES

This Agreement is between the COUNTY OF HENNEPIN, STATE OF MINNESOTA, (the "COUNTY") A-2300 Government Center, Minneapolis, Minnesota 55487, on behalf of the Hennepin County Environment and Energy, 701 Fourth Avenue South, Suite 700, Minneapolis, MN, 55415 ("DEPARTMENT") and Bassett Creek Watershed Management Commission, a Minnesota joint powers organization ("COMMISSION"), C/O 16145 Hillcrest Lane, Eden Prairie, MN, 55346.

The parties agree as follows:

1. TERM OF THE AGREEMENT

The County agrees to furnish River Watch program services to the Commission commencing May 1, 2020 and terminating December 31, 2020, unless terminated earlier in accordance with the Default and Cancellation provisions of this Agreement.

2. SERVICES TO BE PROVIDED

The County agrees to provide River Watch program services to the Commission as more fully described in Exhibit A, attached hereto and incorporated herein by reference.

3. PAYMENT FOR SERVICES

The Department will bill the Commission for services rendered. Payment shall be made within thirty-five (35) days from receipt of the invoice.

The total cost of this Agreement shall not exceed One Thousand Dollars (\$1,000) if only one site is monitored and shall not exceed Two Thousand Dollars (\$2,000) if two or more sites are monitored.

4. INDEPENDENT CONTRACTOR

The County shall select the means, method, and manner of performing the services. Nothing is intended or should be construed as creating or establishing the relationship of a partnership or a joint venture between the parties or as constituting either party as the agent, representative, or employee of the other party for any purpose. The County is and shall remain an independent contractor for all services performed under this Agreement.

5. LIABILITY

Each party shall be responsible for its own acts and deeds and the results thereof. The County's liability shall be governed by the provisions of Minnesota Statutes, Chapter 466 and other applicable law.

6. INSURANCE

A. Both parties agree at all times during the term of this Agreement, and beyond such term when so required, to have and keep in force the following insurance coverages:

	<u>Limits</u>
1. Commercial General Liability on an occurrence basis with contractual liability coverage:	
General Aggregate	\$2,000,000
Products—Completed Operations Aggregate	2,000,000
Personal and Advertising Injury	1,500,000
Each Occurrence—Combined Bodily Injury and Property Damage	1,500,000
2. Workers' Compensation and Employer's Liability:	
Workers' Compensation	Statutory
Employer's Liability. Bodily injury by:	
Accident—Each Accident	500,000
Disease—Policy Limit	500,000
Disease—Each Employee	500,000
3. Professional Liability—Per Claim	1,500,000
Aggregate	2,000,000
The professional liability insurance must be maintained continuously for a period of two years after the termination of this Agreement.	

B. A self-insurance program is an acceptable method to provide the required insurance limits. Coverage provided by the League of Minnesota Cities Insurance Trust municipal liability policy shall be considered adequate for purposes of this section.

C. Duty to Notify. Each party shall promptly notify the other party of any claim, action, cause of action or litigation brought against it, its employees, officers, agents or subcontractors, which arises out of the services contained in this

Agreement. Each party shall also notify the other party whenever it has a reasonable basis for believing that it and/or its employees, officers, agents or subcontractors, might become the subject of a claim, action, cause of action, or litigation arising out of and/or related to the services contained in this Agreement.

7. DATA PRACTICES

Each party, its officers, agents, owners, partners, employees, volunteers and subcontractors shall abide by the provisions of the Minnesota Government Data Practices Act, Minnesota Statutes, Chapter 13 (MGDPA), the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and the Health Information Technology for Economic and Clinical Health Act (HITECH), adopted as part of the American Recovery and Reinvestment Act of 2009, and implementing regulations, if applicable, and all other applicable state and federal laws, rules, regulations and orders relating to data privacy or confidentiality. The terms of this section shall survive the cancellation or termination of this Agreement.

8. SUCCESSORS AND ASSIGNMENTS

- A. Each party binds itself, its partners, successors, assigns and legal representatives to the other party for all covenants, agreements and obligations contained in the contract documents.
- B. Neither party shall assign, transfer or pledge this Agreement and/or the services to be performed, whether in whole or in part, without the prior written consent of the other party.

9. MERGER AND MODIFICATION

- A. It is understood and agreed that the entire Agreement between the parties is contained herein and that this Agreement supersedes all oral agreements and negotiations between the parties relating to the subject matter. All items that are referenced or that are attached are incorporated and made a part of this Agreement. If there is any conflict between the terms of this Agreement and referenced or attached items, the terms of this Agreement shall prevail.
- B. Any alterations, variations, modifications, or waivers of provisions of this Agreement shall only be valid when they have been reduced to writing as an amendment to this Agreement signed by the parties.

10. DEFAULT AND CANCELLATION

- A. If either party fails to perform any of the provisions of this Agreement or so fails to administer the work as to endanger the performance of the Agreement, it shall be in default. Unless the defaulting party's default is excused by the other party,

the non-defaulting party may upon written notice immediately cancel this Agreement in its entirety.

- B. A party's failure to insist upon strict performance of any provision or to exercise any right under this Agreement shall not be deemed a relinquishment or waiver of the same, unless consented to in writing. Such consent shall not constitute a general waiver or relinquishment throughout the entire term of the Agreement.
- C. This Agreement may be canceled with or without cause by either party upon thirty (30) day written notice.

11. SURVIVAL OF PROVISIONS

Provisions that by their nature are intended to survive the term, cancellation or termination of this Agreement include but are not limited to: INDEPENDENT CONTRACTOR; LIABILITY; INSURANCE; DATA PRACTICES; DEFAULT AND CANCELLATION; MEDIA OUTREACH; and MINNESOTA LAW GOVERNS.

12. CONTRACT ADMINISTRATION

In order to coordinate the services being provided to the Commission with the activities of the Department, Mary L Karius, or successor, shall manage this Agreement on behalf of the County and serve as liaison between the County and the Commission.

13. COMPLIANCE AND NON-DEBARMENT CERTIFICATION

Both parties shall comply with all applicable federal, state and local statutes, regulations, rules and ordinances currently in force or later enacted.

14. NOTICES

Any notice or demand which must be given or made by a party under this Agreement or any statute or ordinance shall be in writing, and shall be sent registered or certified mail. Notices to the County shall be sent to the County Administrator with a copy to the originating Department at the address given in the opening paragraph of the Agreement. Notice to the Commission shall be sent to the address stated in the opening paragraph of the Agreement.

15. MEDIA OUTREACH

Commission shall not use the term "Hennepin County", or any derivative thereof in

Commission's advertising, external facing communication and/or marketing, including but not limited to advertisements of any type or form, promotional ads/literature, client lists and/or any other form of outreach, without the written approval of the Hennepin County Public Affairs/Communications Department, or their designees.

16. MINNESOTA LAWS GOVERN

The Laws of the State of Minnesota shall govern all questions and interpretations concerning the validity and construction of this Agreement and the legal relations between the parties and their performance. The appropriate venue and jurisdiction for any litigation will be those courts located within the County of Hennepin, State of Minnesota. Litigation, however, in the federal courts involving the parties will be in the appropriate federal court within the State of Minnesota. If any provision of this Agreement is held invalid, illegal or unenforceable, the remaining provisions will not be affected.

COUNTY ADMINISTRATOR AUTHORIZATION

Reviewed by the County Attorney's Office

COUNTY OF HENNEPIN
STATE OF MINNESOTA

Assistant County Attorney

By: _____
David Hough, County Administrator

By: _____
Assistant County Administrator - Public Works

Date: _____

Recommended for Approval

Energy

By: _____
Director, Department of Environment and

Date: _____

**Basset Creek Watershed
Management Commission**

The Commission certifies that the person who executed this Agreement is authorized to do so on behalf of the Commission as required by applicable articles, bylaws, resolutions or ordinances.*

Printed Name: _____

Signed: _____

Title: _____

Date: _____

* Commission shall submit applicable documentation (articles, bylaws, resolutions or ordinances) that confirms the signatory's delegation of authority. This documentation shall be submitted at the time Commission returns the Agreement to the County. Documentation is not required for a sole proprietorship.

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EXHIBIT A

SCHEDULE OF SERVICES

River Watch is a volunteer monitoring program coordinated by Hennepin County Environment and Energy and highlights a partnership between cooperating cities and watershed commissions. In the program, teachers and youth volunteers use biological monitoring criteria established by the MPCA to monitor local streams. Teachers use this as a unique hands-on research experience in the classroom setting. The details of the program and Hennepin County's responsibilities are as follows:

- Take proper precautions to ensure the safety of those involved in activities relating to River Watch.
- Recruit and manage teachers and students to monitor sites within the Bassett Creek Watershed.
- Coordinate and facilitate training sessions in field collection techniques and macroinvertebrate identifications including all in-person, hands-on training.
- Provide all necessary equipment and resources for successful collection of data.
- Provide funds to cover internal teacher costs including busing.
- Provide all Quality Assurance/Quality Control checks.
- Manage program finances.
- Manage program contracts.
- Maintain communication with all parties.
- Coordinate outreach educational opportunities.
- Coordinate volunteer appreciation efforts.
- Develop and distribute Year End Results to all interested parties upon request and via Hennepin County website.



Item 4E.
BCWMC 3-19-20

BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

A RESOLUTION OF APPRECIATION FOR THE SERVICES OF BILL MONK
TO THE BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

WHEREAS, the Bassett Creek Watershed Management Commission (the "Commission") is a joint powers organization formed by the cities of Crystal, Golden Valley, Medicine Lake, Minneapolis, Minnetonka, New Hope, Plymouth, Robbinsdale and St. Louis Park; and

WHEREAS, the Commission serves as the duly constituted watershed management organization for the Bassett Creek watershed pursuant to the Metropolitan Surface Water Management Act); and

WHEREAS, under the Act and the Commission's joint powers agreement the Commission is charged with responsibility for the management of storm water to protect persons and property from flooding and to protect and preserve the water quality of lakes, streams and wetlands of the Bassett Creek Watershed and downstream receiving waters; and

WHEREAS, Bill Monk served as a representative from the City of Minnetonka for more than two years from November 2017 to January 2020; and

WHEREAS, Bill actively served on Commission committees including the CIP Prioritization Process Committee and as a liaison to the Technical Advisory Committee; and

WHEREAS, Bill gave generously of his time and talents, without compensation, to protect and improve the environment and to serve the public with integrity, vision, and respect for others.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the Bassett Creek Watershed Management Commission, its member cities, and the public hereby express its sincere and grateful appreciation to Bill Monk for his distinguished service to the public.

Adopted by the Board of Commissioners of the Bassett Creek Watershed Management Commission this 19th day of March, 2020.

Chair



7800 Golden Valley Road
Golden Valley, MN 55427

February 24, 2020

Laura Jester, Administrator
Bassett Creek Watershed Management Commission
16145 Hillcrest Lane
Eden Prairie, MN 55356

Subject: DeCola Ponds B and C Improvement Project (City Project 18-06)
BCWMC Project #BC-2, 3, 8
Reimbursement Request 1

Per the terms of the Cooperative Agreement for this project, the City of Golden Valley is requesting reimbursement for costs incurred by the City in the design and construction of the project. Enclosed is an invoice from the City of Golden Valley for Reimbursement Request 1 in the amount of **\$787,615.09**.

As you may recall, 50% of the project is being funded by the Minnesota Department of Natural Resources (MnDNR) Flood Damage Reduction grant through an appropriation by the Minnesota State Legislature. The BCWMC is funding up to \$1.6 million of the local share of the project, less Commission expenses. The City is paying the upfront costs of the project and is being reimbursed by both entities as work progresses.

The City requested and received payment from the MnDNR for 50% of the project costs to date. With this request, the City is seeking reimbursement from BCWMC for the remaining costs to date. Enclosed is documentation for the three MnDNR pay requests. Please let this also serve as documentation for the BCWMC Reimbursement Request 1. Below is a summary.

<u>Item</u>	<u>Total cost</u>	<u>50% DNR share</u>	<u>BCWMC</u>
MnDNR pay request 1	\$ 231,805.16	\$ 115,902.58	\$ 115,902.58
MnDNR pay request 2	\$ 313,564.78	\$ 156,782.39	\$ 156,782.39
MnDNR pay request 3	\$1,029,860.24	\$ 514,930.12	\$ 514,930.12
Total	\$1,575,230.18	\$ 787,615.09	\$ 787,615.09

G:\PROJECTS\DeCola Ponds Flood Mitigation\DeCola Ponds B and C Project (18-06)\Payments\BCWMC Reimbursements\1st Reimbursement Request.doc

For information, the construction phase of this project will be completed in June 2020 and the restoration and planting phase will begin in May 2020. There will be at least two more reimbursement requests before the project is completed. Thank you for your continued support of this important flood mitigation and water quality project. If you have any questions, please contact me at 763-593-8084.

Sincerely,



Eric Eckman
Environmental Resources Supervisor

Enclosures

C: Jeff Oliver P.E., City Engineer
Sue Virnig, Finance Director



Remit To:
CITY OF GOLDEN VALLEY
7800 GOLDEN VALLEY RD
GOLDEN VALLEY MN 55427

7800 Golden Valley Road
Golden Valley, MN 55427

Billing Address: 116776
BASSETT CREEK WATERSHED MGMT COMMISSION
7800 GOLDEN VALLEY RD
GOLDEN VALLEY MN 55427

INVOICE

9233

Invoice Date 2/25/2020

Due Date 2/25/2020

Page: 1

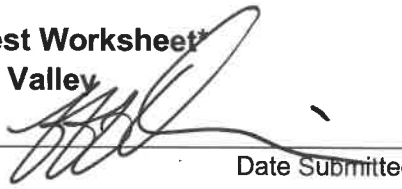
<u>Item</u>	<u>Remark</u>	<u>Amount</u>
001	DECOLA PONDS B & C REIMB	787,615.09
	Total Amount Invoiced	787,615.09
	Tax Amount	
	Balance Due	787,615.09

Please return one copy with your payment.

Quarterly, Semi-Annual, Annual Payment Request Worksheet
Flood Hazard Mitigation Grant Applicant: City of Golden Valley

Grant Number: 147299/3000140570 Representative's Signature _____

Beginning Date of Grant: October 2, 2018



Date Submitted: August 7, 2019

Date Work Done**	Description of Expense***	Amount	Date Paid	Documentation
				Attached
10/6/18-11/2/2018	Professional Services - Barr Engineering Invoice 1	\$11,890.86	12/4/2018	Barr Inv
11/3/18-11/30/2018	Professional Services - Barr Engineering Invoice 2	\$21,028.45	12/27/2018	Barr Inv
12/1/18-12/28/2018	Professional Services - Barr Engineering Invoice 3	\$10,644.12	12/31/2018	Barr Inv
12/29/18-1/25/2019	Professional Services - Barr Engineering Invoice 4	\$23,093.72	2/25/2019	Barr Inv
2/11/2019	Recording Fee - Dover Hill - MN Housing RFA, Esmt	\$250.00	2/18/2019	City finance report
1/26/19-2/22/2019	Professional Services - Barr Engineering Invoice 5	\$25,849.98	3/22/2019	Barr Inv
3/5/2019	Permit Fee - DNR Work Permit	\$1,000.00	4/4/2019	Visa Pay Request
2/23/19-3/22/2019	Professional Services - Barr Engineering Invoice 6	\$35,247.70	4/18/2019	Barr Inv
4/11/2019	Fee - Public Hearing Notice - Temp Dewatering	\$113.40	4/16/2019	ECM Publishers Inv
3/23/19-4/19/2019	Professional Services - Barr Engineering Invoice 7	\$30,418.74	5/14/2019	Barr Inv
4/20/19-5/17/19	Professional Services - Barr Engineering Invoice 8	\$27,570.64	6/12/2019	Barr Inv
5/18/19-6/14/19	Professional Services - Barr Engineering Invoice 9	\$36,488.04	7/15/2019	Barr Inv
6/20/2019	Fee - Public Notice - Ad for Bid	\$500.85	6/27/2019	ECM Publishers Inv
10/28/18-7/7/2019	City staff admin costs 10-28-18 through 7-7-19	\$7,708.66	7/7/2019	City finance report
	Total for this billing period	\$231,805.16		
	DNR share (50%)	\$115,902.58		
* State fiscal year ends on June 30 - Payment requests must be processed at least annually.				
** Expenses must be listed by date in the order the work was done (not in the order the bills were paid) starting with the oldest date.				
*** Include documentation or evidence of expense such as invoice, canceled check, employee time worked, hourly rate, etc..				

Quarterly, Semi-Annual, Annual Payment Request Worksheet*

Flood Hazard Mitigation Grant Applicant: City of Golden Valley

Grant Number: 147299/3000140570 Representative's Signature 
 Beginning Date of Grant: October 2, 2018

Date Submitted: November 12, 2019

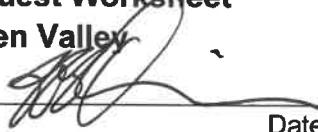
Date Work Done**	Description of Expense***	Amount	Date Paid	Documentation
				Attached
6/15/19-7/12/19	Professional Services - Barr Engineering Invoice 10	\$5,799.21	8/13/2019	Barr Inv
7/13/19-8/9/19	Professional Services - Barr Engineering Invoice 11	\$8,952.97	9/10/2019	Barr Inv
7/31/2019	MPCA NPDES CSW Permit	\$400.00	9/4/2019	Visa Pay Request
8/7/2019	Soo Line (CP Railway) Permit	\$1,500.00	8/8/2019	Authorization to Pay
8/10/19-9/6/19	Professional Services - Barr Engineering Invoice 12	\$16,668.49	10/10/2019	Barr Inv
8/21/19-9/10/19	Construction Contract - Dahn Const Payment 1	\$137,148.55	9/16/2019	Pay Request 1
9/11/19-9/20/19	Construction Contract - Dahn Const Payment 2	\$141,268.61	9/30/2019	Pay Request 2
7/8/2019-9/29/19	City staff admin costs 7-8-19 through 9-29-19	\$1,826.95	9/29/2019	City finance report
	Total for this billing period	\$313,564.78		
	DNR share (50%)	\$156,782.39		
* State fiscal year ends on June 30 - Payment requests must be processed at least annually.				
** Expenses must be listed by date in the order the work was done (not in the order the bills were paid) starting with the oldest date.				
*** Include documentation or evidence of expense such as invoice, canceled check, employee time worked, hourly rate, etc..				

Quarterly, Semi-Annual, Annual Payment Request Worksheet*

Flood Hazard Mitigation Grant Applicant: City of Golden Valley

Grant Number: 147299/3000140570 Representative's Signature _____

Beginning Date of Grant: October 2, 2018



Date Submitted: January 22, 2020

Date Work Done**	Description of Expense***	Amount	Date Paid	Documentation
				Attached
9/7/19-10/4/19	Professional Services - Barr Engineering Invoice 13	\$20,907.09	11/5/2019	Barr Inv
9/21/19-10/26/19	Construction Contract - Dahn Const Payment 3	\$55,133.81	11/1/2019	Pay Request 3
10/5/19-11/1/19	Professional Services - Barr Engineering Invoice 14	\$26,482.87	12/5/2019	Barr Inv
10/27/19-11/22/19	Construction Contract - Dahn Const Payment 4	\$376,626.44	12/19/2019	Pay Request 4
11/2/19-11/29/19	Professional Services - Barr Engineering Invoice 15	\$30,315.48	12/27/2019	Barr Inv
11/23/19-12/24/19	Construction Contract - Dahn Const Payment 5	\$488,093.46	12/31/2019	Pay Request 5
11/30/19-12/27/19	Professional Services - Barr Engineering Invoice 16	\$27,293.46	12/31/2019	Barr Inv
9/30/19-12/31/19	City staff admin costs 9-30-19 through 12-31-19	\$5,007.63	12/31/2019	City finance report
	Total for this billing period	\$1,029,860.24		
	DNR share (50%)	\$514,930.12		
* State fiscal year ends on June 30 - Payment requests must be processed at least annually.				
** Expenses must be listed by date in the order the work was done (not in the order the bills were paid) starting with the oldest date.				
*** Include documentation or evidence of expense such as invoice, canceled check, employee time worked, hourly rate, etc..				



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4G: LEEF South – Minneapolis, MN
BCWMC March 19, 2020 Meeting Agenda
Date: March 12, 2020
Project: 23270051 2020 2211

4G LEEF South – Minneapolis, MN BCWMC 2020-06

Summary:

Proposed Work: Office building construction, second level parking deck, surface parking lot, and utilities including stormwater management

Basis for Review at Commission Meeting: Cut and fill in the floodplain

Impervious Surface Area: Increase 0.40 acres

Recommendation: Conditional Approval

General Project Information

The proposed project is in the Bassett Creek Main Stem subwatershed at 199 Irving Avenue North in Minneapolis. The proposed project includes construction of a six-story office building, a second level parking deck, a surface parking lot, a stormwater management system, and utility improvements resulting in 1.19 acres of grading (disturbance) on the parcel. The proposed project creates 1.14 acres of new and fully reconstructed impervious surfaces on the parcel including 0.74 acres of reconstructed impervious and an increase of 0.40 acres of impervious surfaces, from 0.74 acres (existing) to 1.14 acres (proposed). An additional 0.30 acres of work occurs in the right of way of adjacent streets (Irving Avenue North, Currie Avenue North, and James Avenue North) to facilitate utility, sidewalk, and curb work.

Floodplain

The proposed project includes work in the Bassett Creek 1% (base flood elevation, 100-year) floodplain. The October 2019 BCWMC Requirements for Improvements and Development Proposals (Requirements) document states that projects within the floodplain must maintain no net loss in floodplain storage and no increase in flood level at any point along the trunk system (managed to at least a precision of 0.00 feet). The 1% (base flood elevation, 100-year) floodplain elevation of Bassett Creek at this location is 811.3 feet NAVD88.

The proposed project will result in a net increase in floodplain storage of approximately 284 cubic yards and does not result in an increase in flood level at any point along the trunk system.

Wetlands

The proposed project does involve work in or adjacent to wetlands.

Rate Control

The October 2019 BCWMC Requirements document states that projects that create more than one (1) acre of new or fully reconstructed impervious area *must manage stormwater such that peak flow rates leaving the site are equal to or less than the existing rate leaving the site for the 2-, 10-, and 100-year events, based on Atlas 14 precipitation amounts and using a nested 24-hour rainfall distribution.*

In existing conditions, stormwater runoff generally leaves the site in two directions: to the north and east to the gutter line and storm sewer in Currie Avenue West and Irving Avenue North, respectively, and to the west to the gutter line and storm sewer in James Avenue North. The storm sewers eventually discharge to Bassett Creek to the south of the proposed development.

In proposed conditions, stormwater will continue to generally leave the site in two directions: to the north and east via both surface flows to the gutter line and storm sewer and proposed storm sewer to Irving Avenue North, and to the west to the gutter line and storm sewer in James Avenue North. An underground filtration system is proposed to provide rate control for a majority of the site runoff. The outlet for the underground filtration system routes flows to the storm sewer in Irving Avenue North, which eventually discharges to Bassett Creek to the south of the proposed development. Drainage area and runoff to James Avenue North will be reduced but remain untreated.

Table 1 summarizes the existing and proposed peak discharge rates for the proposed project.

Table 1: Existing and Proposed Peak Discharge Rates

Runoff Direction	Area (acres)		2-Year Peak (cfs)		10-Year Peak (cfs)		100-Year Peak (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
To West	0.23	0.08	0.5	0.3	1.0	0.5	1.9	0.9
To East	1.24	1.38	3.9	1.1	6.2	1.9	11.5	7.2
Total ¹	1.46	1.46	4.5	1.4	7.1	2.0	13.4	8.0

¹ Total peak discharge rates may not be a direct sum of the peak discharge rates of inflows due to rounding or the timing of the peak discharge rates for each inflow.

Table 1 shows that the stormwater management system for the proposed project meets the BCWMC requirement for rate control.

Water Quality

The BCWMC Requirements document states that projects on sites without restrictions *that create one or more acres of new and/or fully reconstructed impervious surfaces shall capture and retain on-site 1.1 inches of runoff from the new and/or fully reconstructed impervious surfaces.* If the applicant is unable to achieve the performance goals due to site restrictions, the MIDS flexible treatment options approach shall be used following the MIDS design sequence flow chart.

The proposed project creates 1.14 acres of new and fully reconstructed impervious area on the parcel. Flexible Treatment Option (FTO) #2 was selected for the proposed project due to the presence of tight clay soils, potential for contamination, and potential for high groundwater, which makes infiltration infeasible. FTO #2 requires that the project provide 60% removal of total phosphorus (TP). An

underground filtration system is proposed to provide stormwater treatment. The underground filtration system will collect runoff from the majority of the parcel, with the exception of a small area that leaves the site through the east parking lot access. Table 2 summarizes the annual TP loading and TP removals provided by the applicant, as well as estimated annual TP loading and TP removals estimated by Barr using typical sand filtration. We have requested additional information from the applicant to confirm the removal efficiencies applied in the water quality modeling of the underground filtration system. The 0.30 acres of work in the street rights of way is not included in the water quality analysis. Disconnected sidewalks are exempt from water quality treatment, and the utility connections and street improvements are considered linear work and do not trigger water quality treatment because there is less than one acre of net new impervious area in the streets.

Table 2: Summary of TP Loading, TP Removals, and TP Removal Efficiency for Proposed BMP

Drainage Area / BMP	Area (acres)	TP Loading (lbs/year)	TP Removal (lbs/year)	Percent Removal (%)
Project Parcel / Underground Filtration	1.14	2.1	1.7 ¹ (1.3 ²)	79.8% ¹ (62.2% ²)

¹ Provided by applicant.

² Estimated by Barr based on typical sand filtration.

Erosion and Sediment Control

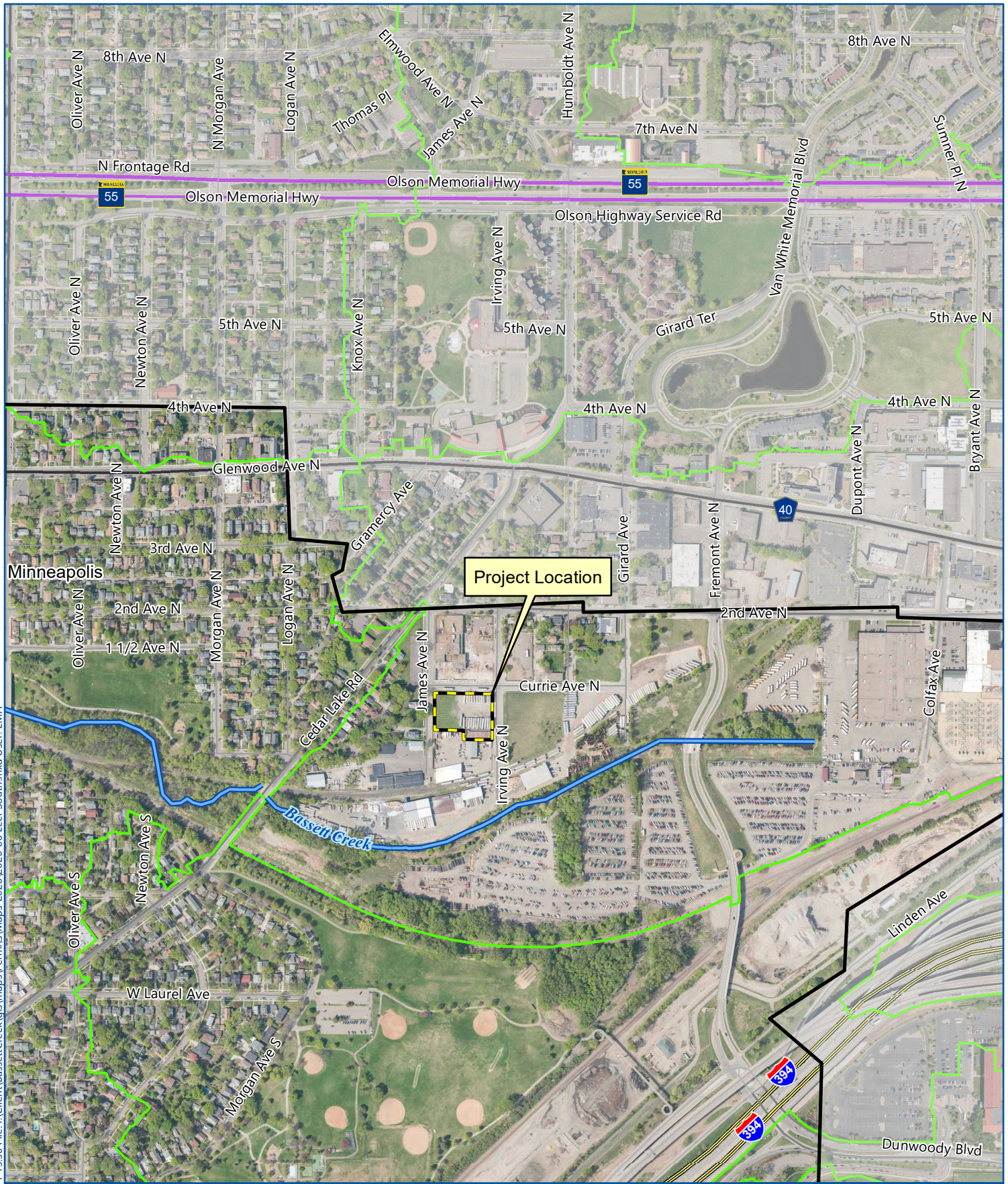
The proposed project results in more than 10,000 square feet of land disturbance; therefore, the proposed project must meet the BCWMC erosion and sediment control requirements. Proposed temporary erosion and sediment control features include a rock construction entrance, silt fence, biologs, and inlet protection. Permanent erosion and sediment control features include erosion control blanket and stabilization with sod or seed and mulch.

Recommendation







Conditional approval based on the following comments:

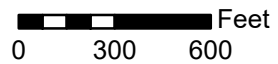
1. The HydroCAD models must be revised as follows to demonstrate that the proposed project meets BCWMC rate control requirements:
 - a. For the proposed underground filtration system, calculations or documentation must be provided to confirm the custom stage storage values.
 - b. Documentation must be provided that the proposed underground filtration system draws down within 48 hours.
2. The P8 model must be revised as follows to demonstrate that the proposed project meets BCWMC water quality goals (or flexible treatment options).
 - a. Calculations or documentation must be provided to confirm the stage storage and stage discharge values used for Device ADS MC-3500.
 - b. Watershed DA-2 must be updated to match the percent impervious in the HydroCAD model and proposed drainage map.

- c. Additional information must be provided to support pollutant removal efficiencies assumed in the water quality modeling for the underground filtration system. Alternatively, the particle filtration efficiency must be modified to align with established values in the Minnesota Stormwater Manual for sand filtration, which are 85% removal for particulate particle fractions and 0% removal for dissolved particle fractions. (Note: Iron-enhanced sand filtration provides 40% removal for dissolved particle fractions but iron-enhanced sand filtration is generally not recommended for use in subsurface filtration due to the requirement for oxygenation of the iron enhanced sand filter media between rainfall events. If the applicant wishes to revise the design to include iron-enhanced sand filtration, it must be specified on the plans and the applicant must provide documentation indicating that the system is properly designed to provide oxygenation of the iron between rainfall events.)
 - d. The small area within the parcel that leaves the site through the east parking lot access and is not routed to the underground filtration system must be included in the loading calculation for TP and the total TP removal efficiency.
3. Sheet C-801: the sediment control rock entrance detail must be modified to include a minimum wash-off berm height of 2 feet above the adjacent roadway, with maximum side slopes of 4:1, to intercept sediment-laden runoff.
4. The proposed filtration system must be modified to provide a minimum thickness of filtration media per guidance in the Minnesota Stormwater Manual. See underground sand filter guidance here: https://stormwater.pca.state.mn.us/index.php?title=Types_of_filtration
5. Revised plans (paper copy and final electronic files) must be provided to the BCWMC Engineer for final review and approval.



Project Location

-  Project Location
-  Municipality
-  BCWMC
-  Legal Boundary
-  Major Subwatershed
-  Bassett Creek



BCWMC #2020-06
LEEF SOUTH
Minneapolis, MN

LOCATION MAP



Bassett Creek Watershed Management Commission

MEMO

To: BCWMC Commissioners and Alternate Commissioners
From: Laura Jester, Administrator
Date: March 11, 2020

RE: Proposed Minor Plan Amendment

Recommendation: Initiate a minor plan amendment process to add three projects to the CIP and update wetland management policies. Set a public hearing for May 21, 2020.

Background: Staff proposes two types of revisions to the 2015 Bassett Creek Watershed Management Plan – amending the CIP and revising wetland policies. I received confirmation from MN Board of Water and Soil Resources (BWSR) staff that these revisions would constitute a minor plan amendment. The process for a minor amendment includes:

- The BCWMC will send copies of the proposed minor plan amendment to the affected local cities, the Metropolitan Council, Hennepin County (if the amendment is a minor amendment to the BCWMC capital improvement program), and the state review agencies for review and comment. (30-day comment period)
- The BCWMC will hold a public meeting to explain the amendments and publish a legal notice of the meeting twice, at least 7 days and 14 days before the date of the meeting. The BCWMC will also provide mailed notice of the public meeting to the city clerk of each member city. The notice will be mailed not less than 45 days before the public meeting.
- If the proposed amendment is a minor amendment to the BCWMC capital improvement program, Hennepin County must approve the minor amendment.

Proposed Amendments:

1. Add three CIP Projects to Table 5-3

If the Commission approves the TAC's recommendations (Item 5C) to include the following projects on the 5-year CIP, then Table 5-3 (in [Section 5.0](#)) of the watershed management plan will need to be amended.

- 2021 Cost share purchase of high efficiency street sweeper: \$75,000
- 2026 Crane Lake Chloride Reduction Project at Ridgedale Mall: \$300,000
- 2026 Plymouth Creek Restoration Project Old Rockford Rd. to Vicksburg Ln.: \$500,000

2. Update Section [4.2.6 Wetland Management Policies](#)

Staff recommends some changes to wetland management policies because the Minnesota Rapid Assessment Method (MnRAM) assessment protocol is no longer supported by BWSR. Unfortunately, a new wetland assessment tool has not been developed. These revisions offer cities flexibility in managing wetlands. The proposed changes are shown as tracked below.

Policy 65. The BCWMC requires member cities to inventory, classify and determine the functions and values of wetlands, either through a comprehensive wetland management plan or as required by the Wetland Conservation Act (WCA).

Member cities shall maintain a database of wetland functions and values assessment results. The BCWMC encourages member cities to complete comprehensive wetland management plans as part of their local water management plan or as an implementation task identified in their local water management plan. Completed comprehensive wetland management plans shall be submitted to the BCWMC for review and comment.

Policy 66. The BCWMC requires member cities to develop and implement wetland protection ordinances that consider the results of wetland functions and values assessments, and are based on comprehensive wetland management plans, if available. For wetlands classified as Preserve or Manage 1 (or comparable classification if BWSR's Minnesota Rapid Assessment Method (MnRAM) is not used), member cities shall implement standards for bounce, inundation, and runoff control that are similar to ~~BWSR guidance~~MnRAM; member cities are encouraged to apply standards for other wetland classifications.

Policy 67. The BCWMC ~~adopts-recommends that cities use~~ the Minnesota Rapid Assessment Method (MnRAM) (or similar) ~~as the~~ wetland assessment method and ~~the~~ wetland management classification system. Member cities are encouraged to use ~~MnRAM-such a method~~ for all wetland assessment and classification, but are not required to perform reassessments ~~using the MnRAM~~ for wetlands already assessed.

Policy 68. Member cities shall maintain and enforce buffer requirements for projects containing more than one acre of new or redeveloped impervious area. Average minimum buffer widths are required according to the MnRAM classification (or similar classification system):

- An average of 75 feet and minimum of 50 feet from the edge of wetlands classified as Preserve (or comparable classification if BWSR's MnRAM is not used)
- An average of 50 feet and minimum of 30 feet from the edge of wetlands classified as Manage 1 (or comparable classification if BWSR's MnRAM is not used)
- An average of 25 feet and minimum of 15 feet from the edge of wetlands classified as Manage 2 or 3. (or comparable classification if BWSR's MnRAM is not used)

Allowable land uses and vegetative criteria for buffers are specified in the BCWMC's Requirements for Development and Redevelopment (BCWMC, 2015, as amended). Member cities may allow exemptions for public recreational facilities parallel to the shoreline (e.g. trails) up to 20 feet in width, with that width being added to the required buffer width.

Policy 72. The BCWMC requires that member cities annually inspect wetlands classified as Preserve (or comparable classification if MnRAM not used) for terrestrial and emergent aquatic invasive vegetation, such as buckthorn and purple loosestrife, and attempt to control or treat invasive species, where feasible.



Bassett Creek Watershed Management Commission

MEMO

Date: March 11, 2020
From: Laura Jester, Administrator
To: BCWMC Commissioners
RE: **Administrator's Report**

Aside from this month's agenda items, the Commission Engineers, city staff, committee members, and I continue to work on the following Commission projects and issues.

CIP Projects (more resources at <http://www.bassettcreekwmo.org/projects>.)

2019 Medicine Lake Road and Winnetka Avenue Area Long Term Flood Mitigation Plan Implementation Phase I: DeCola Ponds B & C Improvement Project (BC-2, BC-3 & BC-8) Golden Valley (see Item 4F): A feasibility study for this project was completed in May 2018 after months of study, development of concepts and input from residents at two public open houses. At the May 2018 meeting, the Commission approved Concept 3 and set a maximum 2019 levy. Also in May 2018, the Minnesota Legislature passed the bonding bill and the MDNR has since committed \$2.3M for the project. The Hennepin County Board approved a maximum 2019 levy request at their meeting in July 2018. A BCWMC public hearing on this project was held on August 16, 2018 with no comments being received. Also at that meeting the Commission officially ordered the project and entered an agreement with the City of Golden Valley to design and construct the project. In September 2018, the City of Golden Valley approved the agreement with the BCWMC. The [Sun Post](#) ran an article on this project October 2018. Another public open house and presentation of 50% designs was held February 6, 2019. An EAW report was completed and available for public review and comment December 17 – January 16, 2019. At their meeting in February 2019, the Commission approved the 50% design plans. Another public open house was held April 10th and a public hearing on the water level drawdown was held April 16th. 90% Design Plans were approved at the April Commission meeting. It was determined a Phase 1 investigation of the site is not required. The City awarded a contract to Dahn Construction for the first phase of the project, which involves earthwork, utilities, and trail paving and extends through June 2020. Dewatering began late summer 2019. Tree removal was completed in early winter; excavation has been ongoing through the winter. Now approximately 75% of the construction is complete with most excavation and hauling done. Other work tasks recently completed or nearly complete include installation of the box culvert/weir at the connection to the Liberty surface basin to the west of the project area, the installation of the forebay overflow weir, replacing the equalizer pipe between DeCola Ponds B and C and mitering to the slope, and installation of the weir at the Pond C outlet structure. The restoration contract was bid in November 2019 and the project was awarded to Applied Ecological Services (AES). Restoration work will begin in May 2020, with substantial completion at the end of June. Final completion for restoration is anticipated by the end of September. At this meeting, the city is requesting reimbursement of \$787,615.09 for design and much of the construction of the project. Project website: <http://www.bassettcreekwmo.org/index.php?cID=433>.

2020 Bryn Mawr Meadows Water Quality Improvement Project (BC-5), Minneapolis (no change since Feb): A feasibility study by the Commission Engineer began last fall and included wetland delineations, soil borings, public open houses held in conjunction with MPRB's Bryn Mawr Meadows Park improvement project, and input from MPRB's staff and design consultants. At their meeting in April, the Commission approved a TAC and staff recommendation to move this project from implementation in 2019 to design in 2020 and construction in 2021 to better coincide with the MPRB's planning and implementation of significant improvements and redevelopment Bryn Mawr Meadows Park where the project will be located. The final feasibility study was approved at the January 2019 Commission meeting. Staff discussed the maintenance of Penn Pond with MnDOT and received written confirmation that pond maintenance will occur prior to the park's reconstruction project with coordination among the BCWMC, MPRB, and MnDOT. A public hearing for this project was held September 19, 2019. The project was officially ordered at that meeting. An agreement with the MPRB and the city of Minneapolis will be considered at a future meeting. In January 2020 this project was awarded a \$400,000 Clean Water Fund grant from BWSR. A grant work plan will be developed in the coming weeks. The project and the grant award was recently the subject of an article in the Southwest Journal: <https://www.southwestjournal.com/voices/green-digest/2020/02/state->

[awards-grant-to-bryn-mawr-runoff-project/](#). Project website: <http://www.bassettcreekwmo.org/projects/all-projects/bryn-mawr-meadows-water-quality-improvement-project>

2020 Jevne Park Stormwater Improvement Project (ML-21) Medicine Lake (No change since Oct): At their meeting in July 2018, the Commission approved a proposal from the Commission Engineer to prepare a feasibility study for this project. The study got underway last fall and the city's project team met on multiple occasions with the Administrator and Commission Engineer. The Administrator and Engineer also presented the draft feasibility study to the Medicine Lake City Council on February 4, 2019 and a public open house was held on February 28th. The feasibility study was approved at the April Commission meeting with intent to move forward with option 1. The city's project team is continuing to assess the project and understand its implications on city finances, infrastructure, and future management. The city received proposals from 3 engineering firms for project design and construction. At their meeting on August 5th, the Medicine Lake City Council voted to continue moving forward with the project and negotiating the terms of the agreement with BCWMC. Staff was directed to continue negotiations on the agreement and plan to order the project pending a public hearing at this meeting. Staff continues to correspond with the city's project team and city consultants regarding language in the agreement. The BCWMC held a public hearing on this project on September 19, 2019 and received comments from residents both in favor and opposed to the project. The project was officially ordered on September 19, 2019. On October 4, 2019, the Medicine Lake City Council took action not to move forward with the project. At their meeting on October 17th, the Commission moved to table discussion on the project. The project remains on the 2020 CIP list. Project webpage: <http://www.bassettcreekwmo.org/index.php?cID=467>.

2019 Westwood Lake Water Quality Improvement Project (WST-2) St. Louis Park (no change since Feb): At their meeting in September 2017, the Commission approved a proposal from the Commission Engineer to complete a feasibility study for this project. The project will be completed in conjunction with the Westwood Hills Nature Center reconstruction project. After months of study, several meetings with city consultants and nature center staff, and a public open house, the Commission approved Concept 3 (linear water feature) and set a maximum 2019 levy at their May meeting. 50% designs were approved at the July meeting and 90% design plans were approved at the August meeting. The Hennepin County Board approved a maximum 2019 levy request at their meeting in July. A BCWMC public hearing on this project was held on August 16th with no comments being received. At that meeting the Commission officially ordered the project and entered an agreement with the City of St. Louis Park to design and construct the project and directed the Education Committee to assist with development of a BCWMC educational sign for inside the nature center. The draft sign was presented at the October meeting and was finalized over the winter. Construction on the new building started this spring. The Sun Sailor printed [an article](#) on the project in October 2018. All educational signs were finalized and are currently in production. Some slight modifications to the project plans were made late in 2019 at the request of city inspectors. Building construction is underway and some storm sewer pipes related to the project were installed. Much of the work will be completed this spring. Project website: <http://www.bassettcreekwmo.org/projects/all-projects/westwood-lake-water-quality-improvement-project>.

2018 Bassett Creek Park Pond Phase I Dredging Project: Winnetka Pond, Crystal (BCP-2) (No change since Dec): The final feasibility study for this project was approved at the May 2017 meeting and is available on the project page online at <http://www.bassettcreekwmo.org/index.php?cID=403>. At the September 2017 meeting, the Commission held a public hearing on the project and adopted a resolution officially ordering the project, certifying costs to Hennepin County, and entering an agreement with the City of Crystal for design and construction. Hennepin County approved the 2018 final levy request at their meeting in November 2017. The City of Crystal hired Barr Engineering to design the project. At their meeting in April, the Commission approved 50% design plans. A public open house on the project was held May 24th where four residents asked questions, provided comments, and expressed support. 90% design plans were approved at the June 2018 meeting. An Environmental Assessment Worksheet was recently approved and a construction company was awarded the contract. A pre-construction meeting was held December 14th and construction began in January. A large area of contamination was discovered during excavation in February 2019. At their meeting February 21, 2019 the Commission approved additional funding for this project in order to properly dispose of the contamination and continue building the project as designed. An amended agreement with the city of Crystal was approved at the March Commission meeting. Pond dredging and other storm sewer work was completed in early summer. The landscaping contractor completed a final herbicide treatment in preparation for seeding in late October and was set to perform dormant seeding in late October or early November.

2017 Plymouth Creek Restoration Project, Annapolis Lane to 2,500 feet Upstream (2017CR-P)(See Item 6D): All project documents including the feasibility study and 90% design plans are available online at

<http://www.bassettcreekwmo.org/index.php?cID=284>. The BCWMC executed agreements with the BWSR for a \$400,000 Clean Water Fund grant and with Hennepin County for a \$50,000 Opportunity Grant and a subgrant agreement with the City was executed. Project design was completed by the city's contractor, Wenck Associates, with 60% and 90% design plans approved by the Commission at the April and August 2017 meetings, respectively. Plymouth City Council awarded a construction contract in early December 2017 and construction got underway on December 11, 2017. Streambank restoration work is complete in all three reaches. Vegetation is currently being established. Requests for reimbursement to the city were approved at the June and July BCWMC meetings. A Clean Water Fund grant interim report was submitted in February. Some vegetation management and minor streambank repairs are happening this summer. A reimbursement request was approved at the November meeting. The city recently approved closing this project a final reimbursement request is on this month's consent agenda. A final report will be submitted to the Commission in February. Final grant reports to BWSR and Hennepin County were submitted in late January. The final CIP project report was approved at last month's meeting. The project will be officially closed once all grant funding is received.

2017 Main Stem Bassett Creek Streambank Erosion Repair Project (2017CR-M): The feasibility study for this project was approved at the April Commission meeting and the final document is available on the project page at: <http://www.bassettcreekwmo.org/index.php?cID=281>. A Response Action Plan to address contaminated soils in the project area was completed by Barr Engineering with funding from Hennepin County and was reviewed and approved by the MPCA. The Commission was awarded an Environmental Response Fund grant from Hennepin County for \$150,300 and a grant agreement is in the process of being signed by the county. A subgrant agreement with the City will be developed. The City hired Barr Engineering to design and construct the project. Fifty-percent and 90% designs were approved at the August and October Commission meetings, respectively. In September 2017, design plans were presented by Commission and city staff to the Harrison Neighborhood Association's Glenwood Revitalization Team committee and through a public open house on the project. Bidding for construction is complete and a pre-construction meeting was recently held. Construction was to begin summer of 2018 but will be delayed until summer 2019 due to the unanticipated need for a field based cultural and historical survey of the project area required by the Army Corps of Engineers and the preference for Pioneer Paper (a significant landowner and access grantor) for a spring/summer construction window. The cultural and historical survey fieldwork is complete and a final report was sent to the State Historical Preservation Office (SHPO) in February. The Hennepin County ERF grant agreement was amended to extend the term. Construction was scheduled to begin in September but will be pushed to late November. City staff updated the Commission on the latest developments with this project at the Sept 19 and Oct 17, 2019 meetings (see memos in those meeting packets). The section along Pioneer Paper will no longer be stabilized/restored due to lack of access and cooperation from Pioneer Paper. For various reasons the project did not get underway in late 2019 as planned. The city recently amended the construction contract and a Hennepin County ERF grant will be amended as well. Work is slated to begin spring 2020 unless high water hampers construction.

2014 Schaper Pond Diversion Project, Golden Valley (SL-3) (No change since Oct): Repairs to the baffle structure were made in 2017 after anchor weights pulled away from the bottom of the pond and some vandalism occurred in 2016. The city continues to monitor the baffle and check the anchors, as needed. Vegetation around the pond was planted in 2016 and a final inspection of the vegetation was completed last fall. Once final vegetation has been completed, erosion control will be pulled and the contract will be closed. The Commission Engineer began the Schaper Pond Effectiveness Monitoring Project last summer and presented results and recommendations at the May 2018 meeting. Additional effectiveness monitoring is being performed this summer. At the July meeting the Commission Engineer reported that over 200 carp were discovered in the pond during a recent carp survey. At the September meeting the Commission approved the Engineer's recommendation to perform a more in-depth survey of carp including transmitters to learn where and when carp are moving through the system. A Federal 319 grant for management of carp in relation to Schaper Pond and Sweeney Lake was recently approved by the MPCA and the grant agreement may be available by the December Commission meeting. At the October 17th meeting, the Commission received a report on the carp surveys and recommendations for carp removal and management. Project webpage: <http://www.bassettcreekwmo.org/index.php?cID=277>.

Sweeney Lake Water Quality Improvement Project, Golden Valley (SL-8): This project was added to the 2020 CIP list after receiving a federal 319 grant from the MPCA. It is partially a result of the carp surveys completed through the Schaper Pond Diversion Project and a study of the year-round aeration on Sweeney Lake. This project will treat curly-leaf pondweed in spring 2020, will remove carp in summer 2020, and will perform an alum treatment on Sweeney Lake

in late summer 2020. The project was officially ordered by the Commission after a public hearing in September 2019. A public open house on this project is scheduled for the evening of April 8th at Brookview. Project website: [Sweeney Lake Water Quality Improvement Project, SL-8](#)).

2014 Twin Lake In-lake Alum Treatment, Golden Valley (TW-2): (No change since June 2018) At their March 2015 meeting, the Commission approved the project specifications and directed the city to finalize specifications and solicit bids for the project. The contract was awarded to HAB Aquatic Solutions. The alum treatment spanned two days: May 18- 19, 2015 with 15,070 gallons being applied. Water temperatures and water pH stayed within the desired ranges for the treatment. Early transparency data from before and after the treatment indicates a change in Secchi depth from 1.2 meters before the treatment to 4.8 meters on May 20th. There were no complaints or comments from residents during or since the treatment. Water monitoring continues to determine if and when a second alum treatment is necessary. Lake monitoring results from 2017 were presented at the June 2018 meeting. Commissioners agreed with staff recommendations to keep the CIP funding remaining for this project as a 2nd treatment may be needed in the future. Project webpage: <http://www.bassettcreekwmo.org/index.php?cID=278>.

2013 Four Seasons Area Water Quality Project/Agora Development (NL-2): At their meeting in December 2016, the Commission took action to contribute up to \$830,000 of Four Seasons CIP funds for stormwater management at the Agora development on the old Four Seasons Mall location. At their February 2017 meeting the Commission approved an agreement with Rock Hill Management (RHM) and an agreement with the City of Plymouth allowing the developer access to a city-owned parcel to construct a wetland restoration project and to ensure ongoing maintenance of the CIP project components. At the August 2017 meeting, the Commission approved the 90% design plans for the CIP portion of the project. At the April 2018 meeting, Commissioner Prom notified the Commission that RHM recently disbanded its efforts to purchase the property for redevelopment. In 2019, a new potential buyer/developer (Dominium) began preparing plans for redevelopment at the site. City staff, the Commission Engineer and I have met on numerous occasions with the developer and their consulting engineers to discuss stormwater management and opportunities with “above and beyond” pollutant reductions. Concurrently, the Commission attorney has been working to draft an agreement to transfer BCWMC CIP funds for the above and beyond treatment. At their meeting in December, Dominium shared preliminary project plans and the Commission discussed the redevelopment and potential “above and beyond” stormwater management techniques. The redevelopment team continues to work with the Plymouth staff and the Commission Engineer and attorney. The project is expected to come back to the April Commission meeting. Project webpage: <http://www.bassettcreekwmo.org/index.php?cID=282>.

2020 Crane Lake Improvement Project (CL-3) (No change since Dec): This project was constructed in conjunction with the reconstruction of Ridgedale Drive in the City of Minnetonka. At their meeting on March 21, 2019, the BCWMC approved the project's feasibility study and chose to implement Option 3 from the study. At their meeting on May 16, 2019, the BCWMC approved the 90% design plans for the project. Construction is expected in early 2020. A public hearing on this project was held on September 19, 2019. No persons commented on the project. The project was officially ordered and an agreement with the city of Minnetonka was approved at the same meeting. Project webpage: <http://www.bassettcreekwmo.org/index.php?cID=490>. December 2019 update:

- Underground storm water tank is installed
- Construction of the lift station, which will pump storm water from the underground storm water tank into the rain gardens, will be completed in the spring of 2020
- The rain gardens have been constructed, excluding the plantings which will be installed in 2020
- Stage 1 Construction is Complete; Stages 2-3 will be completed in 2020
- Educational Sign to be designed this winter and installed in 2020

Other Work

CIP Project Work and Technical Assistance

- Reviewed and commented on display boards for Main Stem Lagoon Dredging Project open house; attended open house
- Attended Sohacki Park Steering Committee meeting and reviewed minutes
- Reviewed and commented on draft stream monitoring reports
- Reviewed information/studies on street sweeping

- Reviewed WOMP chloride data; met with Commission Engineer and Met Council on presentation of data and fact sheet
- Attended Minneapolis Stormwater Ordinance update meeting; met with city staff re: status of multiple projects

Administration and Education

- Coordinated and facilitated Smart Salting Training event including welcoming remarks, sign in, set up and take down breakfast and lunch, etc.
- Reviewed reimbursement request for DeCola Ponds Project
- Attended WMWA meeting
- Assisted financial auditor with grants, agreements, and reimbursements
- Reviewed/revised March educational press release
- Engaged new CAMP volunteer for Cavanaugh Lake; coordinated with Met Council and other volunteers for 2020 plans
- Reviewed/revised River Watch agreement for 2020 with Hennepin County
- Drafted and submitted letter to MPCA re: smart salt program training fees
- Developed draft policy regarding CIP funds for equipment purchase
- Drafted and distributed letters of understanding on 2019 education activities to each member city
- Set Budget Committee meeting; working to set Education Committee meeting
- Updated website with committee appointments