



Bassett Creek Watershed Management Commission

Regular Meeting
Thursday, June 20, 2019

8:30 – 11:00 a.m.

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

AGENDA

1. CALL TO ORDER and ROLL CALL

2. CITIZEN FORUM ON NON-AGENDA ITEMS - *Citizens 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 – May 16, 2019 Commission Meeting
- B. Acceptance of June 2019 Financial Report
- C. Approval of Payment of Invoices
 - i. Keystone Waters, LLC – May 2019 Administrative Services
 - ii. Keystone Waters, LLC – May 2019 Printing Expenses
 - iii. Barr Engineering – May 2019 Engineering Services
 - iv. Triple D Espresso – June 2019 Meeting Refreshments
 - v. Wenck – May 2019 WOMP Monitoring
 - vi. Lawn Chair Gardener – May 2019 Administrative and Educational Services
 - vii. Kennedy & Graven – April 2019 Legal Services
 - viii. Lake Restoration – Herbicide Treatment, Medicine Lake
 - ix. MMKR – 2018 Financial Audit
 - x. Jefferson Lines – Watershed Tour Bus
 - xi. Metro Blooms – Local Match for Harrison Commercial Properties Project
 - xii. Shingle Creek WMO – WMWA Rain Garden Workshops
 - xiii. LCMIT – BCWMC Insurance Premium
 - xiv. Mark Seeley – Keynote Speaker Fee
 - xv. Wenck – Bassett Creek Valley Study
 - xvi. Metro Blooms – Harrison Commercial Properties Project – Clean Water Funds
- D. Approval of Theodore Wirth Golf Course Cart Path Project, Golden Valley

5. BUSINESS

- A. Consider Resolution of Appreciation for Commissioner Scanlan (5 min)
- B. Elect New Commission Secretary (10 min)
- C. Set Proposed 2020 Operating Budget (30 min)
- D. Consider Technical Advisory Committee Recommendation (15 min)
- E. Receive Update on 50th Anniversary Event (10 min)

6. COMMUNICATIONS (10 minutes)

- A. Administrator's Report
 - i. Report on Meeting with Hennepin County Commissioner Fernando
 - ii. Draft Model Ordinance on Chloride Reduction for Cities
 - iii. Report on Four Seasons Redevelopment Project
- B. Chair
- C. Commissioners
 - i. Report on Bassett Creek Valley Summit
- D. TAC Members
 - i. Next meeting July 8
- E. Committees
- F. Legal Counsel
- G. Engineer

7. INFORMATION ONLY (Information online only)

- A. Administrative Calendar
- B. CIP Project Updates <http://www.bassettcreekwmo.org/projects>
- C. Grant Tracking Summary and Spreadsheet

8. ADJOURNMENT

Upcoming Meetings & Events

- Bassett Creek Watershed 50th Anniversary Tour and Celebration Event: Thursday June 27th, Brookview Community Center, Golden Valley
- BCWMC Technical Advisory Committee Meeting: July 8th, 1:00 p.m., Golden Valley City Hall
- Bassett Creek Watershed Management Commission Meeting: Thursday July 18th, 8:30 a.m., Golden Valley City Hall



Bassett Creek Watershed Management Commission

AGENDA MEMO

Date: June 12, 2019

To: BCWMC Commissioners

From: Laura Jester, Administrator

RE: Background Information for 6/20/19 BCWMC Meeting

1. **CALL TO ORDER and ROLL CALL**
2. **CITIZEN FORUM ON NON-AGENDA ITEMS**
3. **APPROVAL OF AGENDA – ACTION ITEM with attachment**
4. **CONSENT AGENDA**
 - A. Approval of Minutes – May 16, 2019 Commission Meeting- ACTION ITEM with attachment
 - B. Acceptance of June Financial Report - ACTION ITEM with attachment (more details online)
 - 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 – May 2019 Administrative Services
 - ii. Keystone Waters, LLC – May 2019 Printing Expenses
 - iii. Barr Engineering – May 2019 Engineering Services
 - iv. Triple D Espresso – June 2019 Meeting Refreshments
 - v. Wenck – May 2019 WOMP Monitoring
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 - xii. Shingle Creek WMO – WMWA Rain Garden Workshops
 - xiii. LCMIT – BCWMC Insurance Premium
 - xiv. Mark Seeley – Keynote Speaker Fee
 - xv. Wenck – Bassett Creek Valley Study
 - xvi. Metro Blooms – Harrison Commercial Properties Project – Clean Water Funds
 - D. Approval of Theodore Wirth Golf Course Cart Path Project, Golden Valley – ACTION ITEM with attachment- The proposed linear project is located at Theodore Wirth Golf Course in Golden Valley in the Bassett Creek Main Stem subwatershed. Although the project is exempt from BCWMC water quality requirements, it is located in the floodplain. The project will result in a net increase in floodplain storage of approximately 254 cubic yards. Staff recommends approval with one condition.
5. **BUSINESS**
 - A. Consider Resolution of Appreciation for Commissioner Scanlan (5 min) – ACTION ITEM with attachment – Commissioner Scanlan recently resigned from the Commission for health reasons. Staff recommends approval of the resolution of appreciation for his 5 years of service, including his service on several committees and as Commission Secretary.
 - B. Elect New Commission Secretary (10 min) – ACTION ITEM no attachment – With the resignation of Commissioner Scanlan, a new secretary should be elected to serve for the remainder of the term (until February 2020).

- C. Set Proposed 2020 Operating Budget (30 min) – **ACTION ITEM with attachments** – *At the May 16th meeting, the Commission reviewed the Budget Committee’s recommendation for the 2020 Operating Budget. At the meeting there was considerable discussion about the appropriate amount of funding that should be set aside for development of the 2025 Watershed Management Plan. Please see the attached memo describing possible plan costs and funding options, along with the complete budget and options. The Commission must set its proposed budget at this meeting and direct me to send it to member cities for a July 1 – August 1 comment period. The final 2020 budget will be approved at your August meeting.*
- D. Consider Technical Advisory Committee Recommendation (15 min) – **ACTION ITEM with attachment** – *At the April 18th meeting, the Commission directed the TAC to provide direction on the review and acceptance of proprietary stormwater manufactured treatment devices (MTDs) used in proposed projects. The TAC met on May 29th to begin discussions on this topic. Although they have another meeting planned on July 8th to further discuss the issue, they forward the attached recommendation for the Commission’s consideration at this time.*
- E. Receive Update on 50th Anniversary Event (10 min) – **INFORMATION ITEM no attachment** – *It’s almost here! As I write this memo (one day before registration deadline), we have 50 registered for the tour and 63 registered for the event. I’ll update you on the latest.*

6. COMMUNICATIONS (10 minutes)

- A. Administrator’s Report – **INFORMATION ITEM with attachment**
 - i. Report on Meeting with Hennepin County Commissioner Fernando
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- Bassett Creek Watershed Management Commission Meeting: Thursday July 18th, 8:30 a.m., Golden Valley City Hall



Bassett Creek Watershed Management Commission

DRAFT Minutes of Regular Meeting
Thursday, May 16, 2019
8:30 a.m.
Golden Valley City Hall, Golden Valley MN

1. CALL TO ORDER and ROLL CALL

On Thursday, May 16, 2019 at 8:31 a.m. in the Council Conference Room at Golden Valley City Hall (7800 Golden Valley Rd.), Chair Prom 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	Vacant Position	Absent
Golden Valley	Stacy Harwell	Jane McDonald Black	Drew Chirpich
Medicine Lake	Clint Carlson	Gary Holter	Absent
Minneapolis	Michael Welch	Vacant Position	Absent
Minnetonka	Mike Fruen	Absent	Sarah Schweiger
New Hope	Absent	Pat Crough	Megan Hedstrom
Plymouth	Jim Prom	Catherine Cesnik	Absent
Robbinsdale	Michael Scanlan	Absent	Marta Roser, Richard McCoy
St. Louis Park	Jim de Lambert	Absent	Erick Francis
Administrator	Laura Jester, Keystone Waters		
Engineer	Karen Chandler, Barr Engineering		
Recorder	Dawn Pape, Lawn Chair Gardener Creative Services		
Legal Counsel	David Anderson, Kennedy & Graven		
Presenters/ Guests/Public	Jake Newhall, WSB; Erik Miller, Sambatek; Cody Dietrich, Doran Companies; Emily Javens, MAWD		

2. CITIZEN FORUM ON NON-AGENDA ITEMS

No citizens present.

3. APPROVAL OF AGENDA

MOTION: Commissioner Harwell moved to approve the agenda. Commissioner Welch seconded the motion. Upon a vote, the motion carried 9-0.

4. CONSENT AGENDA

The following items were approved as part of the consent agenda: April 18, 2019 Commission meeting minutes, acceptance of the May 2019 financial report, payment of invoices, Acceptance of Fiscal Year 2018 Financial Audit Report, approval of 2018 Annual Activity Report, approval of Ridgedale Drive Reconstruction Project, approval of Reimbursement Request for Schaper Pond Diversion Project.

The general and construction account balances reported in the May 2019 Financial Report are as follows:

Checking Account Balance	\$ 741,249.83
TOTAL GENERAL FUND BALANCE	\$ 741,249.83
TOTAL CASH & INVESTMENTS ON-HAND (05/08/19)	\$ 3,567,058.78
CIP Projects Levied – Budget Remaining	\$ (4,639,837.10)
Closed Projects Remaining Balance	\$363,221.68
2012-2017 Anticipated Tax Levy Revenue	\$7,045.36
2018 Anticipated Tax Levy Revenue	\$10,316.57
Anticipated Closed Project Balance	\$380,583.61

MOTION: Commissioner de Lambert moved to approve the consent agenda. Commissioner Scanlan seconded the motion. Upon a vote, the motion carried 9-0.

5. BUSINESS

A. Receive Presentation from Minnesota Association of Watershed Districts (MAWD)

Emily Javens, the Executive Director of MAWD, applauded the BCWMC for such a high level of engagement. She then provided an overview of the organization, its work, and its benefits to members. MAWD performs a number of functions including lobbying with the State legislature or with state agencies. They provide education and training for commissioners/managers and staff, organize the summer tour and a large annual meeting. The annual meeting has technical sessions and a resolution process. Ms. Javens noted that MAWD members will get a resolutions packet in June or July to help set priorities.

Ms. Javens talked about the legislative platform and noted some of the things that were worked on this year: carp management to allow local governments to use different fishermen; updating watershed districts’ per diem limits; coordinating local water management plans to reduce duplication of activities and streamline planning. Ms. Javens also

mentioned that the limited liability bill to reduce salt use is still in the 2019 environmental omnibus bill. She stated that every legislator knows that over application of salt is a problem. She also mentioned that networking at different MAWD events is very useful.

Ms. Javens noted that the dues structure is changing for 2020 and that the current cap is \$7,500. She noted MAWD is exploring using different metrics including annual budgets or TMV (taxable market value), and they are open to any and all ideas. She welcomes someone from BCWMC to be on the finance committee.

There was a discussion about a new organization formed to lobby against the ability for watersheds to impose development requirements. Ms. Javens noted that a developer from Duluth formed a coalition of developers and she is meeting with them to correct misconceptions. She noted this coalition is portraying the One Watershed One Plan as onerous. The group currently has a proposed amendment to State Statutes to strike the ability of watersheds to regulate. Commissioner Welch noted the new organization is not attempting to work in partnership with watersheds.

Commissioner Harwell asked about changes at the federal level regarding “waters of the United States.” Ms. Javens said MAWD is studying the impacts but Commissioner Welch offered that there is no significant impact on Minnesota waters due to existing State protections. He also noted that joining MAWD now is good timing because of the new executive director and better communications. Alt. Commissioner McDonald Black commented that the dues will have budget implications for BCWMC and will be discussed later in the meeting.

B. Consider Approval of Crane Lake Improvement Project 90% Plans

Administrator Jester noted that at the March 21, 2019 meeting, the Commission approved the City of Minnetonka’s feasibility study and approved moving forward with Option 3 – constructing an underground treatment system beneath a proposed park just east of Ridgedale Drive to act as pre-treatment before being pumped to a sand infiltration/filtration system in the Crane Preserve Park. She noted this project is ahead of a typical CIP schedule in order to stay in line with Ridgedale Drive reconstruction.

Jake Newhall, with WSB, explained that 13.5 acres currently drain to Crane Lake without treatment and that this project includes a treatment gallery within the new park including 12,250 cubic feet of storage. The project also provides filtration/infiltration treatment, sediment removal and an educational kiosk. Construction of Ridgedale Drive is starting this June and the CIP project construction would start early next year.

Commission Engineer Chandler recommended approval of the 90% plans with the following changes to the recommendations in the engineer’s memo: revise recommendation A to read “Approval of 90% drawings”, no change to recommendation B, and delete “after modifications have been completed” from recommendation C.

Commissioner Welch stated that this project is a good example of new and better engagement with the Commission and a good process. Alt. Commissioner McDonald Black noted that the cost per pound of phosphorus removal was much lower than other recent projects.

There was a brief discussion about the Met Council’s continued consideration of a pilot project to accept chloride-laden water in the sanitary sewer system. Mr. Newhall noted that chloride education on the sign would be appropriate.

MOTION: Commissioner Fruen moved to approve the 90% design plans and the engineer’s recommendations (as revised) for the Crane Lake Improvement Project. Commissioner de Lambert seconded the motion. Upon a vote, the motion carried 9-0.

C. Set 2020 Maximum Levy Amount for Collection by Hennepin County

Administrator Jester explained that a maximum 2020 levy amount for collection by Hennepin County on behalf of the Commission must be set at this meeting. She recommended a levy of \$1.5M for the remainder of the DeCola Ponds Project, and several other projects slated to start in 2020 including water quality improvements in Bryn Mawr Meadows (BC-5),

Stormwater Pond in Jevne Park to alleviate flooding/improve water quality (ML-21), Crane Lake Improvement Project via Ridgedale Drive (CL-3), and Sweeney Lake Water Quality Improvement Project (alum + carp management) (SL-8). She noted the Commission can lower the levy request when it submits its final levy amount in September of this year, but it cannot request more at that time.

MOTION: Commissioner Scanlan moved to approve \$1,500,000 as the 2020 maximum levy for collection by Hennepin County. Commissioner Carlson seconded the motion. Upon a vote, the motion carried 9-0.

D. Review Budget Committee Recommendations for 2020 Operating Budget

Administrator Jester reviewed the Budget Committee meeting notes. The Budget Committee met on April 22, 2019 and May 8, 2019 to discuss and develop the proposed 2020 operating budget for the Commission. The committee is seeking feedback from commissioners and TAC members on the proposed budget that includes a 3% increase in city assessments over 2019 levels. Administrator Jester walked through changes in the budget and measures to reduce costs. Jester reminded the Commission that the final proposed budget should be approved no later than the June meeting and is due to cities by July 1st to receive their input.

Alt. Commissioner McDonald Black brought up concerns about the budget. Specifically, she stated that actual costs for the development of the next Watershed Management Plan should be incorporated into this budget at a higher amount. She believes the BCWMC should be saving more each year for planning rather than putting off these costs. She noted that at current levels, there would be a huge increase during planning years. She also cautioned the Commission to be careful with percentages as they can be misleading. Commissioner Harwell asked what her recommendation would be. Alt. Commissioner McDonald Black doesn't know if being a MAWD member is worth the money. She further stated that if MAWD is important, assessments should be increased.

Administrator Jester said the last plan was expensive to develop because a lot of changes were made, like adopting MIDS and developing buffer standards. She noted that several issues have been addressed since the plan was adopted including a CIP prioritization process and the Flood Control Project policies. She noted that the next plan should not be as expensive to develop. Alt. Commissioner McDonald Black stated that BCWMC needs to have at least \$15,000 in the 2020 budget to set aside for the plan. She re-stated that this budget needs to reflect this actual cost.

Commissioner Welch thanked the Budget Committee. He mentioned that every line item in the budget should be considered separately. He also noted that the Commission is still likely to run into some significant policy discussion during development of the next plan, particularly on the CIP. He also advocated for staying in MAWD so that the Commission continues to have a "seat at the table." Commissioner Harwell agreed with Alt. Commissioner McDonald Black that we need to factor in actual costs, but she, too, wanted to continue being a member of MAWD.

Commissioner de Lambert thought we should have a budget figure for development of the next plan and fund to that figure. He noted that Linda Loomis volunteered a lot of time to the last planning effort. He stated that what BCWMC is setting aside now is clearly not enough if we want to save for the entire plan costs. Administrator Jester noted it could be really difficult to know what the next plan would cost to develop because we don't know the issues that might arise between now and then. Commissioner Welch added that cities are used to paying higher assessments during planning years.

There was some discussion about the pros and cons to overfunding vs. underfunding the plan. Engineer Chandler echoed the Administrator's comments that plan costs are hard to determine at this point because there is no scope and many moving parts.

MOTION: Commissioner Welch moved to direct Administrator Jester and Engineer Chandler to develop a very preliminary plan budget estimate. Commissioner Scanlan seconded the motion.

Discussion: There was some discussion about the process of dialogue during the meeting, with some commissioners feeling their comments were cut off prematurely by Chair Prom. Commission Attorney Anderson clarified that it is up to the chair on

how they want to run the meeting, but said that in general, commissioners should not be cut off mid-sentence. Chair Prom apologized for cutting people off.

Commissioner de Lambert noted that he thought \$75,000 might be a good budget figure for the next plan. Commissioner Anderson said 3% increase in assessments is reasonable, that a budgeting process is really a priority setting exercise, and that he supports the budget as presented. Chair Prom noted that city councils routinely have to remove activities from budgets when a higher priority arises.

VOTE: Upon a vote the motion carried 9-0.

E. Consider Approval of Marsh Run Apartments Project

Commission Engineer Chandler reminded the Commission that they reviewed and conditionally approved this proposed project at the April meeting. She further explained that since the conditional approval, the applicant has worked with the BCWMC Engineer to address the conditions of approval, but has been unable to demonstrate compliance to the BCWMC water quality requirements using Contech Jellyfish filters as part of the stormwater treatment system. The applicant is proposing to replace the Contech Jellyfish filters with Contech StormFilters to meet the BCWMC water quality requirements and submitted revised plans. Staff recommended full approval and reconsideration of the monitoring requirements approved at the April meeting. She further noted that since the engineering memo in the meeting materials was sent out all conditions have been met. She noted that this seems to be a better device and is much more confident it will meet Commission requirements.

Erik Miller, from Sambatek, answered some questions about the StormFilter testing and performance. The testing was independent and he was confident that it will perform as modeled. Replacing the filters will be part of the maintenance agreement with the city, which will be recorded with the property.

Commissioner Welch brought up that the previous application needed monitoring because the Commission Engineer wasn't confident that device would work, but that is not the situation with this device.

Engineer Chandler replied that she would prefer if state agencies or some other statewide program tested the devices so they could be added to the MN Stormwater Manual.

MOTION: Commissioner Welch moved to approve the Marsh Run Apartments project without conditions and without monitoring. Commissioner de Lambert seconded the motion.

Discussion: There was some discussion about the life expectancy of the device. It was noted that it's a concrete structure with filters that will be changed regularly. There was discussion about the importance of maintenance and the city's responsibility in ensuring it's maintained properly.

VOTE: Upon a vote the motion carried 9-0.

F. Receive Update on 50th Anniversary Event

Administrator Jester gave an update about the anniversary event. She noted Mark Seeley has been secured as a keynote speaker and that a save the date email invitation was sent out and the formal invitation will go out next week. She also listed the projects that will toured.

6. COMMUNICATIONS

A. Administrator's Report

- i. Meeting with Hennepin County Commissioner Fernando on June 14th. The Commissioner has requested information ahead of time so they can have a "level 3" (in-depth) meeting.

- ii. She reported being active on a few panels such as Land Development Summit, Water Summit, and AMLAC meeting. She reported on the beginning stages of the redevelopment proposal at the Four Seasons Mall area.

B. Chair

- i. Chair Prom noted that he intends to move discussions along during the meeting but will work on being more judicious.

C. Commissioners

- i. Commissioner Welch mentioned the Bassett Creek Valley Summit on June 4th that he will be attending, along with Administrator Jester. Commissioner Harwell asked him to forward the invite.
- ii. Commissioner Welch also mentioned that the court of appeals overturned the White Bear Lake decision and it is being sent back to the DNR.
- iii. Commissioner Scanlan reported on AIS Detectors Training Course and Water Summit.

D. TAC Members

- i. Next meeting May 29. Roser said there is a Smart Salting model ordinance in development and interesting discussion to deal with deicers and water softener salt.

E. Committees

- i. Next Education Committee Meeting May 22

F. Legal Counsel

- i. None

G. Engineer

- i. Chandler announced that the MPCA Commissioner will be giving a presentation at Barr and commissioners will be invited.

7. INFORMATION ONLY (Information online only)

- A. Administrative Calendar
- B. CIP Project Updates <http://www.bassettcreekwmo.org/projects>
- C. Grant Tracking Summary and Spreadsheet
- D. Sun Post Article on BCWMC History and Flood Control Project
- E. West Metro Water Alliance 2018 Annual Report
- F. CCX Story on Winnetka Pond Dredging Project
- G. AIS Prevention Videos, Sea Grant

8. ADJOURNMENT

The meeting adjourned at 10:35 a.m.

Upcoming Meetings & Events

- BCWMC Education Committee Meeting: May 22nd, 8:30 a.m., Golden Valley City Hall
- BCWMC Technical Advisory Committee Meeting: May 29th, 1:00 p.m., Golden Valley City Hall
- Bassett Creek Watershed Management Commission Meeting: Thursday June 20th, 8:30 a.m., Golden Valley City Hall
- Bassett Creek Watershed 50th Anniversary Tour and Celebration Event: Thursday June 27th, Brookview Community Center, Golden Valley

Signature/Title

Date

Signature/Title

Date

Bassett Creek Watershed Management Commission General Account
 General Fund (Administration) Financial Report
 Fiscal Year: February 1, 2019 through January 31, 2020
 MEETING DATE: June 20, 2019

Item 4B.
 BCWMC 6-20-19
 Full document
 online

BEGINNING BALANCE	8-May-19		741,249.83
ADD:			
General Fund Revenue:			
Interest less Bank Fees		90.01	
Assessments:			
2019 - Assessments			
City of Crystal		27,877.00	
Metropolitan Council	SWLRT	3,399.50	
	BLUE LINE LRT \$7000	7,000.00	
Permits:			
AREP-ERP Investments	BCWMC 2019-11	1,500.00	
Loucks	BCWMC 2019-13	2,500.00	
City of Plymouth	Plan review fee	3,453.50	
Reimbursed Construction Costs		33,506.49	
	Total Revenue and Transfers In		79,326.50
DEDUCT:			
Checks:			
3196 Barr Engineering	May Engineering	49,344.37	
3197 Kennedy & Graven	April Legal	1,572.10	
3198 Keystone Waters	May Admin	7,459.96	
3199 Lawn Chair Gardener	May Admin Services	2,716.70	
3200 Triple D Espresso	June Mtg	111.75	
3201 Wenck Associates	May WOMP	12,001.44	
3202 Jeffereson Lines	Bus Tour	450.00	
3203 Lake Restoration Inc	CurlyLeaf Treatment	5,750.12	
3204 League of MN Cities	Insurance	5,142.00	
3205 Metro Blooms	Harrison Project	25,633.31	
3206 MMKR	Audit Services-final	2,650.00	
3207 Mark Seeley	Presentation	315.00	
3208 Shingle Creek Watershed	Raingardern Workshops	1,000.00	
	Total Checks/Deductions		114,146.75
ENDING BALANCE	12-Jun-19		706,429.58

Bassett Creek Watershed Management Commission General Account

General Fund (Administration) Financial Report

(UNAUDITED)

Fiscal Year: February 1, 2019 through January 31, 2020

MEETING DATE: June 20, 2019

	2019/2020 BUDGET	CURRENT MONTH	YTD 2019/2020	BALANCE
OTHER GENERAL FUND REVENUE				
ASSESSMENTS TO CITIES	529,850	27,877.00	509,566.00	20,284.00
PROJECT REVIEW FEES	60,000	7,453.50	24,953.50	35,046.50
WOMP REIMBURSEMENT	5,000		4,500.00	500.00
METROPOLITAN COUNCIL - LRT		10,399.50	10,399.50	
METRO BLOOMS - MET COUNCIL GRANT			1,000.00	
HENNEPIN COUNTY GRANT-AIS PREVENTION GRANT			0.00	
TRANSFERS FROM LONG TERM FUND & CIP	76,000		0.00	76,000.00
REVENUE TOTAL	670,850	45,730.00	550,419.00	131,830.50
EXPENDITURES				
ENGINEERING & MONITORING				
TECHNICAL SERVICES	130,000	15,866.50	45,707.50	84,292.50
DEV/PROJECT REVIEWS	80,000	7,342.50	29,318.65	50,681.35
NON-FEE/PRELIM REVIEWS	15,000	2,052.00	12,497.50	2,502.50
COMMISSION AND TAC MEETINGS	12,000	1,551.42	5,333.90	6,666.10
SURVEYS & STUDIES	20,000	2,839.50	5,516.96	14,483.04
WATER QUALITY/MONITORING	78,000	6,877.89	27,296.38	50,703.62
WATER QUANTITY	10,000	2,180.98	4,445.20	5,554.80
WATERSHED INSPECTIONS -EROSION CONTROL	0	0.00	0.00	0.00
ANNUAL FLOOD CONTROL INSPECTIONS	48,000	0.00	1,560.00	46,440.00
REVIEW MUNICIPAL PLANS	4,000	0.00	1,750.00	2,250.00
WOMP	20,500	2,546.04	6,506.88	13,993.12
XP-SWMM MODEL UPDATES/REVIEWS	0	0.00	0.00	0.00
APM / AIS WORK	32,000	6,595.62	8,700.62	23,299.38
ENGINEERING & MONITORING TOTAL	449,500	47,852.45	148,633.59	300,866.41
PLANNING				
Next Generation Plan Development	12,000	0.00	0.00	12,000.00
MAINTENANCE FUNDS TOTAL	12,000	0.00	0.00	12,000.00
ADMINISTRATION				
ADMINISTRATOR	69,200	6,948.00	25,092.00	44,108.00
LEGAL COSTS	17,000	1,393.00	4,020.30	12,979.70
AUDIT, INSURANCE & BONDING	18,000	7,792.00	15,892.00	2,108.00
FINANCIAL MANAGEMENT	3,500	0.00	0.00	3,500.00
MEETING EXPENSES	1,500	111.75	558.75	941.25
ADMINISTRATIVE SERVICES	15,000	1,264.66	5,804.22	9,195.78
ADMINISTRATION TOTAL	124,200	17,509.41	51,367.27	72,832.73
OUTREACH & EDUCATION				
PUBLICATIONS/ANNUAL REPORT	1,300	0.00	1,263.00	37.00
WEBSITE	3,000	0.00	0.00	3,000.00
PUBLIC COMMUNICATIONS	1,000	0.00	0.00	1,000.00
EDUCATION AND PUBLIC OUTREACH	25,000	4,823.00	11,592.24	13,407.76
WATERSHED EDUCATION PARTNERSHIPS	15,850	1,000.00	5,350.00	10,500.00
OUTREACH & EDUCATION TOTAL	46,150	5,823.00	18,205.24	27,944.76
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	9,455.40	9,455.40	(9,455.40)
	0	9,455.40	9,455.40	(9,455.40)
TOTAL EXPENSES	691,850	80,640.26	227,661.50	464,188.50

BCWMC Construction Account
 Fiscal Year: February 1, 2018 through January 31, 2020
 June 2019 Financial Report

(UNAUDITED)

Cash Balance 05/08/19			
Cash		1,013,229.50	1,013,229.50
	Total Cash		
Investments:			
Minnesota Municipal Money Market (4M Fund)		2,500,000.00	
2018-19 Dividends		44,653.88	
2019-20 Dividends		9,175.40	
Dividends-Current		4,601.30	
	Total Investments		2,558,430.58
	Total Cash & Investments		3,571,660.08
Add:			
Interest Revenue (Bank Charges)		248.71	
	Total Revenue		248.71
Less:			
CIP Projects Levied - Current Expenses - TABLE A		(3,186.18)	
Proposed & Future CIP Projects to Be Levied - Current Expenses - TABLE B		(4,005.50)	
	Total Current Expenses		(7,191.68)
	Total Cash & Investments On Hand	06/12/19	3,564,717.11
Total Cash & Investments On Hand		3,564,717.11	
Current Anticipated Levy -2019 (July 19/Dec 19/Jan 20)		1,436,000.00	
CIP Projects Levied - Budget Remaining - TABLE A		(4,636,650.92)	
Closed Projects Remaining Balance		364,066.19	
2012 - 2017 Anticipated Tax Levy Revenue - TABLE C		7,045.36	
2018 Anticipated Tax Levy Revenue - TABLE C		10,316.57	
Anticipated Closed Project Balance		381,428.12	
Proposed & Future CIP Project Amount to be Levied - TABLE B		0.00	

TABLE A - CIP PROJECTS LEVIED

	Approved Budget	Current Expenses	2019 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget	Grant Funds Received
Lakeview Park Pond (ML-8) (2013)	196,000	0.00	0.00	11,589.50	184,410.50	
Four Seasons Mall Area Water Quality Proj (NL-2)	990,000	805.50	805.50	163,712.84	826,287.16	
2014						
Schaper Pond Enhance Feasibility/Project (SL-1)(SL-3)	612,000	2,201.58	46,010.11	422,064.97	189,935.03	
Briarwood / Dawnview Nature Area (BC-7)	250,000	0.00	0.00	250,000.00	0.00	
Twin Lake Alum Treatment Project (TW-2)	163,000	0.00	0.00	91,037.82	71,962.18	
2015						
Main Stem 10th to Duluth (CR2015) Close Project	1,503,000	0.00	114,601.05	1,118,347.29		
2016						
Northwood Lake Pond (NL-1) ²	822,140					
Budget Amendment	611,600					
	1,433,740	0.00	0.00	1,447,143.38	(13,403.38)	700,000
2017						
Main Stem Cedar Lk Rd-Dupont (2017CR-M) 2017 Levy	400,000					
	1,064,472	0.00	0.00	132,029.25	932,442.75	
	664,472					
Plymouth Creek Restoration (2017 CR-P) 2017 Levy	580,930					
	863,573	0.00	0.00	594,690.16	268,882.84	200,000
	282,643					
2018						
Bassett Creek Park & Winnetka Ponds Dredging (BCP-2)	1,000,000	179.10	179.10	132,991.90	867,008.10	
2019						
Decola Ponds B&C Improvement(BC-2,BC-3,BC-8)	1,031,500	0.00	0.00	85,810.06	945,689.94	34,287
Westwood Lake Water Quality Improvement Project(Feasibility)	404,500	0.00	0.00	41,064.20	363,435.80	
	<u>9,511,785</u>	<u>3,186.18</u>	<u>161,595.76</u>	<u>4,490,481.37</u>	<u>4,636,650.92</u>	

TABLE B - PROPOSED & FUTURE CIP PROJECTS TO BE LEVIED

	Approved Budget - To Be Levied	Current Expenses	2019 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget
2020					
Bryn Mawr Meadows (BC-5)	0	239.00	1,126.00	96,629.56	(96,629.56)
Jevne Park Stormwater Mgmt Feasibility (ML-21)	0	1,613.00	14,466.46	44,920.75	(44,920.75)
Crane Lake Improvement Proj (CL-3)	0	2,153.50	6,646.00	11,808.35	(11,808.35)
2020 Project Totals	0	4,005.50	22,238.46	153,358.66	(153,358.66)
Total Proposed & Future CIP Projects to be Levied	0	4,005.50	22,238.46	153,358.66	(153,358.66)

BCWMC Construction Account

Fiscal Year: February 1, 2018 through January 31, 2020

June 2019 Financial Report

(UNAUDITED)

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
2019 Tax Levy	1,436,000.00		1,436,000.00		0.00	0.00	1,436,000.00	1,436,000.00
2018 Tax Levy	1,346,815.00		1,346,815.00		1,336,498.43	1,336,498.43	10,316.57	947,115.00
2017 Tax Levy	1,303,600.00	(10,691.48)	1,292,908.52		(1,377.77)	1,289,759.63	3,148.89	1,303,600.00
2016 Tax Levy	1,222,000.00	(9,526.79)	1,212,473.21		(1,390.89)	1,209,824.67	2,648.54	1,222,000.00
2015 Tax Levy	1,000,000.00	32.19	1,000,032.19		306.34	999,238.04	794.15	1,000,000.00
2014 Tax Levy	895,000.00	(8,533.75)	886,466.25		152.14	885,788.66	677.59	895,000.00
2013 Tax Levy	986,000.00	(10,510.52)	975,489.48		756.95	975,713.29	(223.81)	986,000.00
				0.00			1,453,361.93	

OTHER PROJECTS:

	Approved Budget	Current Expenses / (Revenue)	2019 YTD Expenses / (Revenue)	INCEPTION To Date Expenses / (Revenue)	Remaining Budget
TMDL Studies					
TMDL Studies	135,000.00	0.00	0.00	107,765.15	27,234.85
TOTAL TMDL Studies	135,000.00	0.00	0.00	107,765.15	27,234.85
Flood Control Long-Term					
Flood Control Long-Term Maintenance	694,573.00	2,775.50	26,424.50	367,874.91	
Less: State of MN - DNR Grants			0.00	(97,542.00)	
	694,573.00	2,775.50	26,424.50	270,332.91	424,240.09
Annual Flood Control Projects:					
Flood Control Emergency Maintenance	500,000.00	0.00	0.00	0.00	500,000.00
Annual Water Quality					
Channel Maintenance Fund	400,000.00	0.00	0.00	255,619.60	144,380.40
Metro Blooms Harrison Neighborhood CWF Grant Project					
BWSR Grant	134,595.00	23,539.31	23,539.31	47,416.15	87,178.85
				(67,298.00)	(67,298.00)
	134,595.00	23,539.31	23,539.31	(19,881.85)	
Total Other Projects	1,864,168.00	26,314.81	49,963.81	546,537.81	1,115,736.19



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4D – Theodore Wirth Golf Course Cart Paths – Golden Valley, MN
BCWMC June 20, 2019 Meeting Agenda
Date: June 11, 2019
Project: 23270051 2019 2189

4D Theodore Wirth Golf Course Cart Paths – Golden Valley, MN BCWMC 2019-12

Summary:

Proposed Work: Cart path improvements

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

Impervious Surface Area: Increase 1.5 acres (all sidewalks and trails)

Recommendation: Conditional Approval

General Background & Comments

The proposed linear project is located at Theodore Wirth Golf Course in Golden Valley in the Bassett Creek Main Stem subwatershed. The proposed linear project includes gravel and bituminous cart path rehabilitation, drainage improvements, and minor grading, resulting in approximately 7.0 acres of land disturbance. The proposed project creates 2.35 acres of reconstructed impervious surfaces and 1.5 acres of net new impervious surfaces, from 2.35 acres (existing) to 3.85 acres (proposed), however all impervious surfaces are disconnected trails or sidewalks, which are exempt from BCWMC water quality requirements and are not included in the net new impervious surface calculations.

Floodplain

The proposed linear project includes work in the Bassett Creek floodplain. The August 2017 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 floodplain elevation of Bassett Creek between Highway 55 and the confluence with the Sweeney Lake branch varies from 826.5 feet to 827.2 feet, NAVD88.

The proposed linear project will result in a net increase in floodplain storage of approximately 254 cubic yards as shown in the following table and does not result in an increase in flood level at any point along the trunk system.

Hole 10 Cut	Hole 10 Fill	Holes 15/16 Cut	Holes 15/16 Fill	Net
31 CY	568 CY	984 CY	193 CY	254 CY (Cut)

Wetlands

The City of Golden Valley is the local government unit (LGU) responsible for administering the Wetland Conservation Act; therefore, BCWMC wetland review is not required.

Stormwater Management

All impervious surfaces for the proposed linear project are disconnected trails or sidewalks, which are not included in the net new impervious surface calculations. The drainage patterns under existing and proposed conditions will remain similar; this project will not result in major changes to land use or topography.

Water Quality Management

All impervious surfaces for the proposed linear project are disconnected trails or sidewalks, which are exempt from BCWMC water quality requirements.

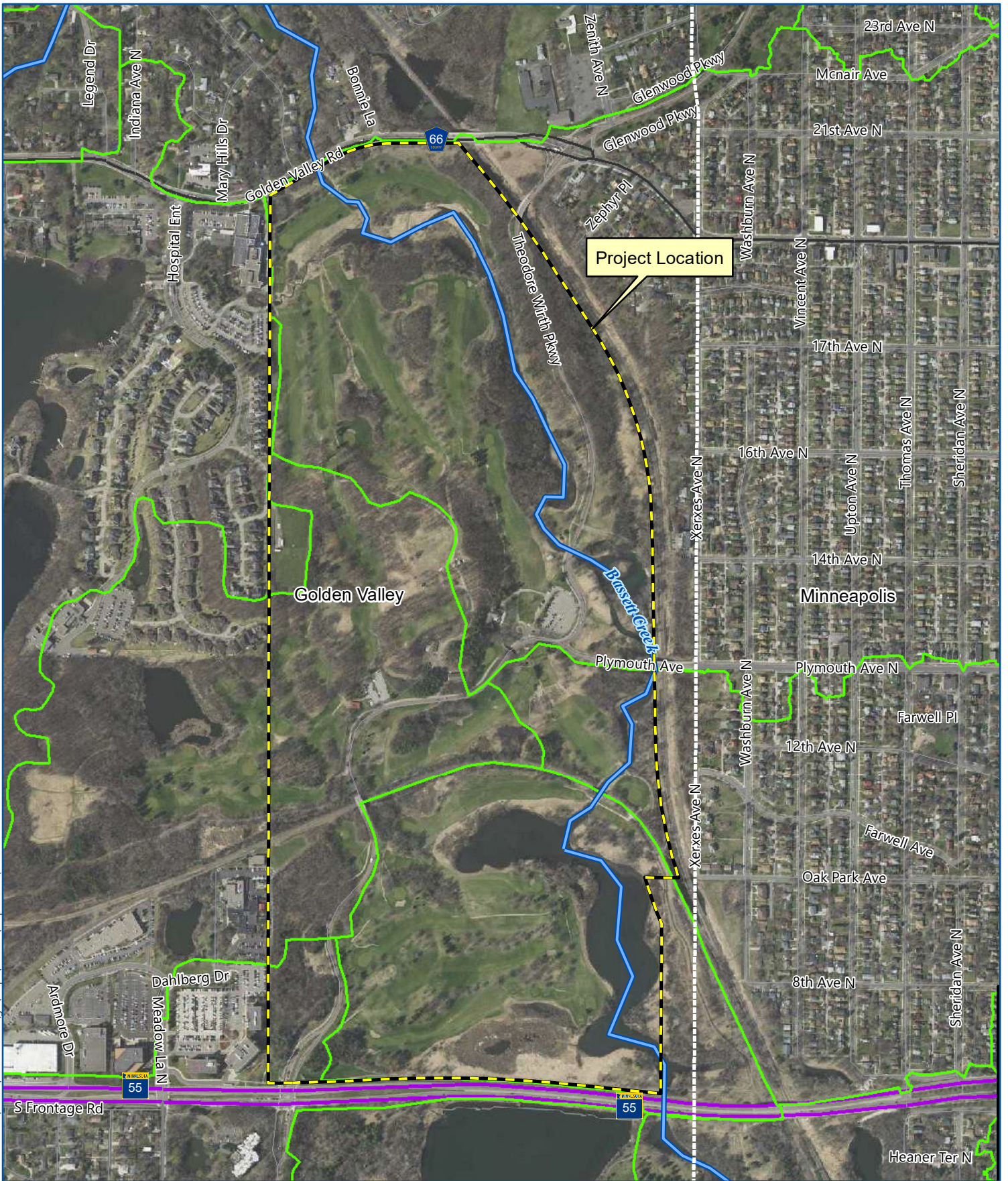
Erosion and Sediment Control

The proposed linear project creates more than one acre of land disturbance, The BCWMC Requirements document states that linear projects disturbing one or more acres shall be submitted to the BCWMC for erosion and sediment control review. Proposed temporary erosion and sediment control features include silt fence, filter logs, and rock construction entrances. Permanent erosion and sediment control features include riprap, seed, mulch, and erosion control blanket.

Recommendation

Conditional approval based on the following comment:

1. Storm sewer outfalls should be extended to discharge at the invert of the creek and in a downstream direction of 30 degrees or less from the normal flow direction to limit potential erosion at the creek and/or channelization between the outfall and receiving water body.



Project Location

Golden Valley

Minneapolis






Plymouth Ave

Plymouth Ave N

66

55

55

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



0 400 800 Feet



BCWMC #2019-12
 THEODORE WIRTH
 GOLF COURSE
 CART PATHS
 Golden Valley, MN
 LOCATION MAP



BASSETT CREEK WATERSHED MANAGEMENT COMMISSION

A RESOLUTION OF APPRECIATION FOR THE SERVICES OF MICHAEL SCANLAN
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, Michael Scanlan served as a representative from the City of Robbinsdale for more than five years from February 2014 to May 2019, serving as an alternate commissioner in 2014 – 2016 and as the primary commissioner 2016 - 2019; and

WHEREAS, Michael served as the Commission Secretary 2017 – 2019; and

WHEREAS, Michael actively participated on several committees including the Education Committee 2017 – 2019; the Administrative Services and Budget Committees in 2018 and 2019; and as liaison to the Technical Advisory Committee in 2019; and

WHEREAS, Michael was a continually engaged participant in Commission discussions and decisions and sought to improve his knowledge in the water resource field by attending multiple trainings and conferences each year; and

WHEREAS, Michael gave generously of his time and talents, including representing the Commission and engaging residents at community events, 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 Michael Scanlan for his distinguished service to the public.

Adopted by the Board of Commissioners of the Bassett Creek Watershed Management Commission this 20th day of June, 2019.

Chair



Item 5C.
BCWMC 6-20-19

Bassett Creek Watershed Management Commission

MEMO

To: BCWMC Commissioners
From: Laura Jester, Administrator
Date: June 11, 2019

RE: 2020 Operating Budget Options

At the May 16th meeting, the Commission reviewed the Budget Committee's recommendation for the 2020 Operating Budget. At the meeting there was considerable discussion about the appropriate amount of funding that should be set aside for development of the 2025 Watershed Management Plan.

I met with Commission Engineers Karen Chandler and Greg Williams to discuss possible costs of plan development and have the following notes:

- The BCWMC planning process should begin in early 2023 and should be completed by fall 2025.
- Costs to develop the 2015 plan: budgeted expenses = \$95,485; actual expenses = \$169,680 (178% of budget).
- 2015 plan development process was much more time consuming and took 12 months longer than expected, mostly due to the extensive stakeholder engagement early in the process, and a high level of detailed discussion/negotiation with the TAC and the Plan Steering Committee regarding significant issues including MIDS (development standards), and new buffer regulations, among others.
- There are several significant issues that have been or will be addressed between the last plan and next plan including: Flood Control Project maintenance/repair roles, responsibilities, and funding; CIP prioritization; AIS roles and responsibilities; chlorides (to be tackled in 2020 or 2021); and the long-term monitoring plan (workshop planned for this fall). These items should not need to be addressed during development of the next plan.
- However, there are several "unknowns," current gaps, or items that could take significant time and effort to discuss during development of the 2025 plan including: possible overhaul of the way the CIP program is implemented; requirements for linear projects; development of subwatershed assessments; development of a grant program; in-depth public engagement effort during plan development; emerging pollutants; resiliency to climate change impacts; addressing underserved communities; groundwater; and BWSR expectations for the plan.
- We reviewed planning costs for other similar sized watersheds recently completed or budgeted: Riley Purgatory Bluff Creek WD = \$160,000 (excludes public engagement); Capitol Region WD = \$200,000; Valley Branch WD = \$190,000 (included writing 38 subwatershed plans), and Ramsey-Washington Metro WD = approximately \$200,000 (included writing 24 subwatershed plans). In these cases, Barr Engineering staff performed (or will perform) all or a very significant portion of the plan writing. For the BCWMC, it's anticipated that I could write much of the plan, reducing costs.
- Staff believes \$100,000 - \$150,000 is needed for the next BCWMC plan and currently recommends a budget of \$120,000.

The tables below include a description of options and a summary of the impact on city assessments. Greater detail is included in the budget tables attached. At the May meeting there was also some discussion about whether or not the Commission should remain a member of the MN Association of Watershed Districts. All figures assume the Commission remains a MAWD member with 2020 dues approximately \$7,500.

City assessments could be reduced in any option if other revenue streams were higher. Although we typically do not include interest earnings as revenue due to their volatility, we could show up to \$500 in interest revenue. Or, although I don't recommend it, the Commission could decide to use more fund balance.

Plan Funding Options			
	Option 1	Option 2	Option 3
Option Description	Partially funds the plan with little impact to budget until 2023 when planning begins and a significant budget increase is needed.	Partially funds the plan with slightly more impact to budgets until 2023 when planning begins and a significant budget increase is needed.	Fully funds the plan equally between now and end of plan development.
Existing, Proposed, and Possible Future Planning Budgets			
2019 (already budgeted)	\$12,000	\$12,000	\$12,000
2020 (proposed per option)	\$10,000	\$12,000	\$18,000
2021	\$10,000	\$12,000	\$18,000
2022	\$10,000	\$12,000	\$18,000
2023	\$26,000	\$24,000	\$18,000
2024	\$26,000	\$24,000	\$18,000
2025	\$26,000	\$24,000	\$18,000
TOTAL	\$120,000	\$120,000	\$120,000

Impact of Options on City Assessments				
	2019	2020 Option 1 (+3.0% over 2019)	2020 Option 2 (+3.4% over 2019)	2020 Option 3 (+4.5% over 2019)
Crystal	\$27,877	\$28,825	\$28,930	\$29,247
Golden Valley	\$138,553	\$143,510	\$144,036	\$145,613
Medicine Lake	\$3,846	\$3,942	\$3,957	\$4,000
Minneapolis	\$35,805	\$37,323	\$37,460	\$37,870
Minnetonka	\$28,989	\$29,722	\$29,831	\$30,157
New Hope	\$27,987	\$28,750	\$28,855	\$29,171
Plymouth	\$237,986	\$243,931	\$244,825	\$247,505
Robbinsdale	\$8,523	\$8,864	\$8,897	\$8,994
St. Louis Park	\$20,284	\$21,083	\$21,160	\$21,392
TOTAL	\$529,850	\$545,950	\$547,950	\$553,950

Item 5C.
BCWMC 6-20-19

Proposed 2020 Operating Budget

Item	2015 Budget	2015 Actual	2016 Budget	2016 Actual	2017 Budget	2017 Actual	2018 Budget	2018 Actual	2019 Budget	2020 Option 1	2020 Option 2	2020 Option 3	See Notes
ENGINEERING & MONITORING													
Technical Services	120,000	116,972	120,000	112,502	125,000	140,702	125,000	126,154	130,000	130,000	130,000	130,000	(A1)
Development/Project Reviews	65,000	51,622	65,000	94,619	65,000	71,791	75,000	45,070	80,000	75,000	75,000	75,000	(A)
Non-fee and Preliminary Reviews	15,000	53,686	15,000	35,253	15,000	20,906	10,000	23,073	15,000	20,000	20,000	20,000	(B)
Commission and TAC Meetings	14,500	11,525	13,000	11,808	14,000	11,753	12,000	10,575	12,000	12,000	12,000	12,000	(C)
Surveys and Studies	20,000	22,109	25,000	24,444	20,000	16,347	12,000	-	20,000	10,000	10,000	10,000	(D)
Water Quality / Monitoring	63,000	77,429	76,000	75,892	74,300	70,855	80,700	120,728	78,000	102,600	102,600	102,600	(E)
Water Quantity	11,500	9,115	11,500	8,731	11,500	8,570	6,300	5,678	10,000	6,500	6,500	6,500	(F)
Assistance on Erosion Control Inspections	1,000		1,000	-	1,000	-	1,000	-	-	-	-	-	(G)
Annual Flood Control Project Inspections	10,000	9,996	10,000	8,867	12,000	7,678	48,000	20,279	48,000	12,000	12,000	12,000	(H)
Municipal Plan Review	2,000		2,000	2,491	8,000	1,835	8,000	26,779	4,000	2,000	2,000	2,000	(I)
Watershed Outlet Monitoring Program	17,000	15,786	17,000	17,002	15,500	19,994	20,500	18,145	20,500	20,500	20,500	20,500	(J)
Annual XP-SWMM Model Updates/Reviews					10,000	5,650	10,000	8,918	-	-	-	-	(K)
APM/AIS Work					35,000	34,920	32,000	35,977	32,000	30,000	30,000	30,000	(L)
Subtotal Engineering & Monitoring	\$339,000	\$368,240	\$355,500	\$391,609	\$406,300	\$411,001	\$440,500	\$441,376	\$449,500	\$420,600	\$420,600	\$420,600	
PLANNING													
Next Generation Plan Development	30,000	28,277	-	-	-				12,000	10,000	12,000	18,000	(M)
Subtotal Planning	\$30,000	\$28,277	\$0	\$0	\$0		\$0	\$0	\$12,000	\$10,000	\$12,000	\$18,000	

Item	2015 Budget	2015 Actual	2016 Budget	2016 Actual	2017 Budget	2017 Actual	2018 Budget	2018 Actual	2019 Budget	2020 Option 1	2020 Option 2	2020 Option 3	See Notes
ADMINISTRATION													
Administrator	62,000	59,395	62,000	59,033	67,200	60,559	67,200	59,955	69,200	69,200	69,200	69,200	(N)
MN Assoc. Watershed Dist. Dues										7,500	7,500	7,500	(O)
Legal	18,500	12,969	18,500	15,470	18,500	16,249	17,000	13,313	17,000	15,000	15,000	15,000	(P)
Financial Management	3,200	3,200	3,200	3,277	3,200	3,200	3,200	3,200	3,500	3,500	3,500	3,500	(Q)
Audit, Insurance & Bond	15,500	13,181	15,500	14,606	15,500	17,304	15,500	17,648	18,000	18,000	18,000	18,000	(R)
Meeting Catering Expenses	2,500	1,564	2,200	1,572	2,000	1,198	1,600	1,295	1,500	1,500	1,500	1,500	(S)
Administrative Services	32,000	29,843	25,000	11,583	18,000	13,346	15,000	14,240	15,000	15,000	15,000	15,000	(T)
Subtotal Administration	\$133,700	\$120,152	\$126,400	\$105,541	\$124,400	\$111,856	\$119,500	\$109,651	\$124,200	\$129,700	\$129,700	\$129,700	
OUTREACH & EDUCATION													
Publications / Annual Report	4,000	1,430	2,500	1,246	2,500	1,138	1,500	937	1,300	1,300	1,300	1,300	(U)
Website	12,000	11,802	3,500	2,275	4,400	1,228	4,200	443	3,000	1,000	1,000	1,000	(V)
Watershed Education Partnerships	15,500	10,700	15,500	9,550	15,500	12,354	13,850	13,454	15,850	15,850	15,850	15,850	(W)
Education and Public Outreach	17,000	12,830	22,500	25,710	20,000	19,302	22,000	18,585	25,000	22,000	22,000	22,000	(X)
Public Communications	3,000	2,270	2,500	1,128	2,500	732	2,500	563	1,000	1,000	1,000	1,000	(Y)
Subtotal Outreach & Education	\$51,500	\$39,032	\$46,500	\$39,909	\$44,900	\$34,754	\$44,050	\$33,982	\$46,150	\$41,150	\$41,150	\$41,150	
MAINTENANCE FUNDS													
Channel Maintenance Fund	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	(Z)
Flood Control Project Long-Term Maint.	25,000	25,000	25,000	25,000	25,000	25,000	25,000	4,000	25,000	25,000	25,000	25,000	(AA)
Subtotal Maintenance Funds	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$29,000	\$50,000	\$50,000	\$50,000	\$50,000	
TMDL WORK													
TMDL Implementation Reporting	20,000	15,881	20,000	18,950	20,000	19,209	10,000	4,668	10,000	10,000	10,000	10,000	(BB)
Subtotal TMDL Work	\$20,000	\$15,881	\$20,000	\$20,000	\$20,000	\$19,209	\$10,000	\$ 4,668	\$10,000	\$10,000	\$10,000	\$10,000	
GRAND TOTAL	\$624,200	\$621,582	\$598,400	\$607,059	\$645,600	\$626,820	\$664,050	\$618,677	\$691,850	\$661,450	\$663,450	\$669,450	

2019 Financial Information			
Fund Balance as of January 31, 2019 (draft audit)	\$	380,136	
Income from assessments in 2019	\$	529,850	
Expected interest income in 2019			
Expected income from project review fees	\$	60,000	
Expected income from CIP Administrative Funds	\$	28,000	
Expected transfer from Long-term Maint Fund for Flood Control Project I	\$	48,000	
Expected income from WOMP reimbursement	\$	5,000	
Expected income from reimbursements from 2019 work ¹	\$	10,000	
Estimated funds available for fiscal year 2019	\$	1,060,986	
Estimated expenditures for fiscal year 2019	\$	691,850	
Estimated fund balance as of January 31, 2020	\$	369,136	

¹ SWLRT = \$7,000; BLLRT = \$3,399

REVENUES

2020 Revenues

Expected Income	<u>Option 1</u>	<u>Option 2</u>	<u>Option 3</u>
Proposed Assessments to cities	\$ 545,950	\$ 547,950	\$ 553,950
Use of fund balance	\$ 18,500	\$ 18,500	\$ 18,500
CIP Administrative Funds (2.0% of est. requested levy of \$1.5M)	\$ 30,000	\$ 30,000	\$ 30,000
Project review fees	\$ 50,000	\$ 50,000	\$ 50,000
Transfer from Long-term Maint Fund for Flood Control Proj Inspections	\$ 12,000	\$ 12,000	\$ 12,000
WOMP reimbursement	\$ 5,000	\$ 5,000	\$ 5,000
Expected reimbursement for Blue Line LRT work	\$ -	\$ -	\$ -
Interest income in 2020	\$ -	\$ -	\$ -
	\$ 661,450	\$ 663,450	\$ 669,450

Expected Expenses

Total operating budget	\$ 661,450	\$ 663,450	\$ 669,450
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Fund Balance Details

Est. Beginning Fund Balance (Jan 31, 2020)	\$ 369,136	\$ 369,136	\$ 369,136
Use of Fund Balance (see income above)	\$ 18,500	\$ 18,500	\$ 18,500
Est. Remaining Fund Balance (Jan 31, 2021)	\$ 350,636	\$ 350,636	\$ 350,636

CITY ASSESSMENTS

	2015	2016	2017	2018	2019	2020 Option 1 (+3.0%)	2020 Option 2 (+3.4%)	2020 Option 3 (+4.5%)
Community	\$490,345	\$490,345	\$500,000	\$515,050	\$529,850	\$545,950	\$547,950	\$553,950
Crystal	\$25,868	\$25,771	\$25,704	\$26,904	\$27,877	\$28,825	\$28,930	\$29,247
Golden Valley	\$121,964	\$127,675	\$131,270	\$134,649	\$138,553	\$143,510	\$144,036	\$145,613
Medicine Lake	\$3,543	\$3,600	\$3,561	\$3,783	\$3,846	\$3,942	\$3,957	\$4,000
Minneapolis	\$33,235	\$32,885	\$33,609	\$34,763	\$35,805	\$37,323	\$37,460	\$37,870
Minnetonka	\$28,121	\$27,536	\$28,199	\$28,053	\$28,989	\$29,722	\$29,831	\$30,157
New Hope	\$25,681	\$25,627	\$25,917	\$26,740	\$27,987	\$28,750	\$28,855	\$29,171
Plymouth	\$225,159	\$220,974	\$224,531	\$231,682	\$237,986	\$243,931	\$244,825	\$247,505
Robbinsdale	\$7,587	\$7,843	\$7,747	\$8,189	\$8,523	\$8,864	\$8,897	\$8,994
St. Louis Park	\$19,184	\$18,433	\$19,463	\$20,287	\$20,284	\$21,083	\$21,160	\$21,392
TOTAL	\$490,345	\$490,345	\$500,000	\$515,050	\$529,850	\$545,950	\$547,950	\$553,950

Community	For Taxes Payable in 2019	2019 Percent of	Area Watershed	Percent of	Average
	Net Tax Capacity	Valuation	in Acres	of Area	Percent
Crystal	\$9,014,087	5.47	1,264	5.09	5.28
Golden Valley	\$42,743,405	25.95	6,615	26.63	26.29
Medicine Lake	\$1,059,589	0.64	199	0.80	0.72
Minneapolis	\$11,317,855	6.87	1,690	6.80	6.84
Minnetonka	\$10,589,981	6.43	1,108	4.46	5.44
New Hope	\$9,048,320	5.49	1,252	5.04	5.27
Plymouth	\$70,171,876	42.59	11,618	46.77	44.68
Robbinsdale	\$3,061,898	1.86	345	1.39	1.62
St. Louis Park	\$7,736,955	4.70	752	3.03	3.86
TOTAL	\$164,743,966	100.00	24,843	100.00	100.00

NOTES

(A1) Same as this year, slightly higher than 2018 and earlier due to new and more complicated issues continue to arise requiring engineer review, analyses, input.

(A) Partially funded by application fees; with the creation of the preliminary and non-fee budget category, most of the review costs will be covered by application fees. 2020 budget assumes 34 submittals at average cost of \$2,000 - \$2,500

(B) Assumes a slight increase in non-fee reviews in 2020 based on recent activity. This was a new line item in 2015 used to cover reviews for which either we do not receive an application fee or it's too early in the process for us to have received an application fee. Through agreements with Met Council, \$56,000 of these costs have been reimbursed since 2015.

(C) Includes attendance at BCWMC meetings, TAC meetings, Administrative Services Committee meetings, Budget Committee meetings and other meetings. 2015 estimate based on 24 meetings. 2016 and 2017 estimates based on 18 meetings (12 BCWMC meetings & 6 TAC meetings). 2017 budget increased to allow for additional BCWMC Engineer staff to attend Commission/TAC meetings (total of 3 assumed). 2018 and 2019 budgets were reduced from 2017. Same for 2020 budget: assumes 12 BCWMC meetings and 5 other meetings (TAC, etc.).

(D) For Commission-directed surveys and studies not identified in other categories - e.g., past work has included watershed tours, Medicine Lake outlet work, Flood Control Project Maintenance and Responsibilities, Sweeney Lake sediment monitoring, stream monitoring equipment purchase. 2018 budget was reduced from previous years for overall budget savings. 2019 budget is more in line with previous years and gives Commission flexibility to investigate or tackle unforeseen issues that arise. Proposing lowering it again in 2020 to allow for higher monitoring budget.

(E) Routine lake and stream monitoring. See details on next page.

(F) Water Quality (lake level) monitoring. 2018 budget lowered for budget savings and resulted in fewer data points. 2019 budget back to earlier budget levels. Proposed 2020 budget lowered again for budget savings. (Engineer proposes \$10,000 for 2020)

(G) After recommendations from the TAC and Budget Committee, the Commission's ended the erosion and sediment control inspection program (Watershed Inspection) in 2014 due to duplication with activities required by the member cities. Some budget remained here to provide, as requested by the Commission, some oversight of city inspection activities (reports of inspections are available from each city). However, little or no expenses have been incurred since 2014. In 2019 it was removed from budget. If inspections are needed they can be charged to general technical services.

(H) 2020 budget includes annual typical inspection of Flood Control Project (FCP) features without tunnel inspections. Budget varies widely by year depending on the FCP features being inspected. New FCP policies and inspection schedules were adopted in 2016. (See link below)

http://www.bassettcreekwmo.org/application/files/4514/9637/1815/2016_FCP_Policies.pdf

(I) Municipal plan approvals completed in 2019; however, this task has also included review of adjacent WMO plan amendments, and review of city ordinances; \$2,000 budget recommended in 2020 for these types of reviews.

(J) Monitoring at the Watershed Outlet Monitoring Program site in Minneapolis through an agreement with Met Council. Commission is reimbursed \$5,000 from Met Council. Met Council pays for equipment, maintenance, power, cell service, and lab analyses. Monitoring protocol changed in 2017 with collection of bi-monthly samples (up from once-per-month sampling). \$20,500 includes \$16,000 for Wenck or similar contractor + \$4,500 for Barr's data management and analyses

- (K) This item is used to make updates to the XP-SWMM model, coordinate with P8 model updates, and assist cities with model use. However, no XP-SWMM updates are expected in 2019 and 2020 due to work on the grant funded FEMA modeling project. This line item will return in the 2021 operating budget
- (L) Funds to implement recommendations of Aquatic Plant Management/Aquatic Invasive Species Committee likely including curly-leaf pondweed control in Medicine Lake and small grant program for launch inspectors, education/outreach, etc. by other organizations including TRPD, AMLAC, others
- (M) Funding that will be set aside and accrued over next 5 years to pay for 2025 Watershed Plan development which will start in 2023. (See 6-10-19 Memo)
- (N) Includes \$72/hour for average of 80 hours per month.
- (O) MN Association of Watershed District Annual dues. New budget item. 2019 dues were \$500 because WMOs were newly allowed to join the organization. 2020 dues are not yet set but are likely to be close to the previous cap of \$7,500.
- (P) For Commission attorney. Decrease recommended to be more in line with recent expenditures.
- (Q) Funding for City of GV staff's monthly accounting activities and coordination of annual audit.
- (R) Insurance and audit costs have risen considerably in the last few years.
- (S) Meeting catering expenses from Triple D Espresso (includes delivery)
- (T) Recording Secretary \$42/hr rate * 21 hrs/mo (6.5 hrs for minutes, 14.5 for social media, writing articles, coordinating with city communication staff) + \$370 annual mileage + \$250/mo meeting packet printing/mailing + \$546 contingency
- (U) Budget was decreased in last few years to be more in line with actual expenses. Costs associated with Commission Engineer assistance with annual report
- (V) Based on 2017-2019 agreement with HDR for website hosting and maintenance activities and closer to actual funds spent in 2017 and 2018.
- (W) Includes CAMP (\$7,000), River Watch (\$2,000), Metro Watershed Partners (\$3,500), Metro Blooms Workshops (\$3,000), Children's Water Festival (\$350). Does not allow for additional partnerships or increases in contributions. CAMP costs set by Met Council increased significantly in 2019 (after 16 years w/o increases)
- (X) Includes funding for West Metro Water Alliance at \$13,000 plus \$9,000 for other educational supplies and materials including educational signage, display materials, Commissioner training, etc.
- (Y) Public Communications covers required public notices for public hearings, etc.
- (Z) Will be transferred to Channel Maintenance Fund
- (AA) Will be transferred to Long-Term Maintenance Fund (less actual costs of FCP inspections in line (H)).
- (BB) Budget reduced in 2018 and 2019 for overall budget savings. Task includes reporting on TMDL implementation and updating P8 model to include new BMPs.

MONITORING NOTES

2020 Lake and Biotic Index Monitoring	Total budget	2020 proposed budget	2021 proposed budget
Sweeney Lake/Twin Lake WQ Monitoring Program	\$60,000	\$50,000	\$10,000
Medicine Lake Monitoring	\$12,000	\$7,000	\$5,000
Biotic Index Program - Plymouth Creek or Sweeney Branch	\$12,000	\$5,600	\$6,400
General water quality tasks	\$10,000	\$10,000	
Total	\$94,000	\$72,600	\$21,400
2020 - 2021 Stream Monitoring	Total	2020	2021
Stream Monitoring - Plymouth Creek or Sweeney Branch	\$63,000	\$30,000	\$33,000
Total	\$63,000	\$30,000	\$33,000
Total proposed budgets	\$157,000	\$102,600	\$54,400

MONITORING NOTES

The table below provides the details of the monitoring programs summarized above:

Budget item	Item description	Estimated cost
Sweeney Lake and Twin Lake (Golden Valley) detailed lake monitoring	Detailed lake monitoring includes monitoring two locations on Sweeney Lake and one location at Twin Lake on six occasions for selected parameters (total phosphorus, soluble reactive phosphorus, total nitrogen, chlorophyll a, chloride, temperature, pH, DO, specific conductance, and oxidation reduction potential), plus parameters associated with AIS vulnerability (calcium, alkalinity, hardness, sodium, magnesium, potassium, dissolved inorganic carbon, and dissolved organic carbon), sample analysis, phytoplankton and zooplankton collection and analysis, an aquatic plant survey (two occasions), calculation of aquatic plant IBIs, preparation of a presentation and preparation of a final report (following template of recent reports). Report preparation and presentation costs deferred to 2021.	Total = \$60,000
		2020 = \$50,000
		2021 = \$10,000
Medicine Lake (Plymouth) detailed lake monitoring - Field work and water chemistry analyses by Three Rivers Park District; data analyses including phytoplankton and zooplankton analyses by Commission Engineer	<ul style="list-style-type: none"> • Collect water quality monitoring samples in the main basin of the lake, once just after ice-out, biweekly from May through Sept, and once in Oct. The following parameters will be measured/analyzed/collected: <ul style="list-style-type: none"> o Temperature profiles o Dissolved oxygen profiles o Specific conductance profiles o pH profiles o Secchi Disc measurements o Total phosphorus (3 depths) – Surface (0-2 m composite) – top of hypolimnion – and 1-m from the bottom o Soluble reactive phosphorus (3 depths) – Surface (0-2 m composite) – top of hypolimnion – and 1-m from bottom o Chlorophyll a (0-2 m) o Total nitrogen (0-2 m) o Chlorides (surface and near-bottom) • Perform aquatic vegetation surveys – at least two surveys, one in June and one in August • Collect phytoplankton and zooplankton samples 	Total = \$12,000
		2020 = \$7,000
		2021 = \$5,000

MONITORING NOTES

<p>First year of two-year stream water quality/quantity monitoring effort (automatic sampling) on Plymouth Creek or the Sweeney Branch</p>	<p>The stream water quality monitoring program is designed to approximate the Metropolitan Council's Watershed Outlet Monitoring Program (WOMP) design for one location—Plymouth Creek or the Sweeney Branch (the final location will be monitored in years 5-6). The costs include 24 grab samples (approximately 1.5 per month for the open water period) and 16 storm samples. This approximates the change to the WOMP sampling protocols from monthly to bi-monthly samples (some WOMP stations do not collect grab samples in the winter).</p> <p>Parameters to be monitored include:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; vertical-align: top;"> <ul style="list-style-type: none"> • Total Phosphorus • Ortho Phosphorus • Chloride • E. Coli • Hardness • Sulfate </td> <td style="width: 33%; vertical-align: top;"> <ul style="list-style-type: none"> • Dissolved Phosphorus • TKN • TSS • Chl-a • Metals </td> <td style="width: 33%; vertical-align: top;"> <ul style="list-style-type: none"> • Nitrate/Nitrite • Ammonia N • VSS • Alkalinity • TOC </td> </tr> </table>	<ul style="list-style-type: none"> • Total Phosphorus • Ortho Phosphorus • Chloride • E. Coli • Hardness • Sulfate 	<ul style="list-style-type: none"> • Dissolved Phosphorus • TKN • TSS • Chl-a • Metals 	<ul style="list-style-type: none"> • Nitrate/Nitrite • Ammonia N • VSS • Alkalinity • TOC 	<p>Total = \$63,000¹</p> <p>2020 = \$30,000</p> <p>2021 = \$33,000</p>
<ul style="list-style-type: none"> • Total Phosphorus • Ortho Phosphorus • Chloride • E. Coli • Hardness • Sulfate 	<ul style="list-style-type: none"> • Dissolved Phosphorus • TKN • TSS • Chl-a • Metals 	<ul style="list-style-type: none"> • Nitrate/Nitrite • Ammonia N • VSS • Alkalinity • TOC 			
<p>Biotic index monitoring of Plymouth Creek or the Sweeney Branch</p>	<p>Biotic index monitoring to correspond with stream water quality monitoring on Plymouth Creek or the Sweeney Branch. Includes macroinvertebrate monitoring and habitat survey, macroinvertebrate analyses (microscopic identification/ enumeration), computation of HBI and M-IBI, trend analyses, data summary/analyses, and preparation of report and presentation for BCWMC meeting. Report preparation and presentation costs deferred to 2021.</p>	<p>Total = \$12,000^{1,2}</p> <p>2020 = \$5,600</p> <p>2021 = \$6,400</p>			
<p>General Water Quality Task</p>	<p>Potential items/issues include:</p> <ul style="list-style-type: none"> • Inventorying chloride sources and/or improvement measures • Preparing for TMDL studies on Northwood Lake and the Bassett Creek fish impairments, including coordination with the MPCA • Internal load assessments and/or investigation(s) of alternative chemical treatments for Medicine Lake, Lost Lake, Sweeney, etc. • Addressing new AIS species <p>If any of these become larger efforts, they could be charged to the Surveys & Studies budget.</p>	<p>\$10,000</p>			
<p>Total Estimated 2020 Budget</p>		<p>\$102,600</p>			

MONITORING NOTES

¹The above proposed budgets for the two-year stream water quality/quantity monitoring and biota monitoring will change if the MPCA approves the BCWMC's soon-to-be submitted request for inclusion in the MPCA's Cycle II monitoring.

² The BCWMC revised the biotic index monitoring schedule to line up with the stream monitoring schedule. This changes the frequency of the biotic index monitoring so that it is no longer consistent with the BCWMC Plan, which calls for biotic index monitoring every 3 years in Priority Streams. The most recent monitoring of all biotic index stations occurred in 2015. In 2018, biotic index monitoring occurred on the Main Stem and North Branch. By waiting to align stream monitoring with biotic index monitoring it will be 5 to 7 years between the 2015 and next monitoring events for Sweeney Lake Branch and Plymouth Creek. One will be monitored in 2020 and one in 2022. Going forward, BCWMC will have a 6 year frequency between biotic index monitoring events. The BCWMC should consider revising the monitoring plan (Appendix A of the Plan) to reflect the changes to the stream monitoring and biotic index monitoring programs.



Bassett Creek Watershed Management Commission

DRAFT MEMO

To: Bassett Creek Watershed Management Commissioners
From: Technical Advisory Committee
Date: June 10, 2019

RE: TAC Recommendation – 5/29/19 TAC Meeting

TAC Members and Others attending 5/29/19 TAC Meeting:

Liz Stout, Minneapolis
Drew Chirpich, Golden Valley
Erick Francis, St. Louis Park
Marta Roser, Robbinsdale
Mark Ray, Crystal
Sarah Schweiger and Phil Olson, Minnetonka
Chris LaBounty, Plymouth
Susan Wiese, Medicine Lake
Laura Jester, Administrator
Karen Chandler and Jim Herbert, Commission Engineers

The BCWMC Technical Advisory Committee met at 1:00 p.m. on May 29th to discuss proprietary stormwater manufactured treatment devices and review of these devices in development proposals to the BCWMC. Although they have another meeting planned on July 8th to further discuss the issue, they forward the following recommendation for the Commission's consideration at this time.

BACKGROUND & TAC DISCUSSION:

The Commission has seen an increase in the use of proprietary stormwater manufactured treatment devices (MTDs) for development and redevelopment projects. There are not widely accepted levels of treatment or pollutant removal efficiencies associated with these devices and while most proprietary MTDs undergo testing and third-party review, the conditions that they are tested under may not be consistent with the conditions in the Bassett Creek watershed. At their April 18, 2019 meeting, the BCWMC directed the TAC to provide direction to the Commission and BCWMC Engineer regarding review and acceptance of stormwater MTDs.

At their meeting on May 29th, the TAC reviewed a technical memo from the Commission Engineer that laid out information on conventional stormwater best management practices; various stormwater MTDs and projects with MTDs reviewed by the BCWMC; and third-party testing programs. The memo also included Commission Engineer options and recommendations for future review of stormwater MTDs. The TAC discussed the limitations of and differences between the various third-party testing programs, the desire for new testing program in Minnesota, the need for the BCWMC to review proposed projects with consistency, and the uncertainty the proposed projects create when cities are reviewing project proposals before Commission reviews.

The TAC requested more information on the testing programs and possible guidance for cities to follow when reviewing stormwater MTDs ahead of Commission review. The TAC will meet again July 8th to continue these discussions and develop recommendations for the Commission's consideration.

One item that did not need additional discussion is their agreement that the best long-term solution is to require that stormwater MTDs be certified or approved by the MPCA, and listed in the Minnesota Stormwater Manual with recommended pollutant removal efficiencies prior to approval by the BCWMC. It was recognized that this option removes the burden of accepting stormwater MTDs and verifying their pollutant removal efficiencies from the BCWMC and places it on the MPCA.

The TAC recognized that the process and timeline for MTDs being listed in the Minnesota Stormwater Manual is unclear and that current development proposals should not be held up in the meantime. The TAC's recommendations after their July 8th meeting will include a process and consistency for reviewing MTDs in the near term.

RECOMMENDATION:

The BCWMC Technical Advisory Committee recommends that the BCWMC cooperate with other watershed districts and organizations in sending a letter to the MPCA, formally requesting that the MPCA evaluate stormwater MTDs and include development protocols in the Minnesota Stormwater Manual.



Bassett Creek Watershed Management Commission

MEMO

Date: June 12, 2019
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: 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. The project is currently out for construction bids. It was determined a Phase 1 investigation of the site is not required. Dewatering and temporary berm construction is expected to happen September 2 through September 15 and tree removal can begin on October. Remaining construction will happen over the winter with restoration in the late spring/early summer 2020. Project website: <http://www.bassettcreekwmo.org/index.php?cID=433>.

2020 Bryn Mawr Meadows Water Quality Improvement Project (BC-5), Minneapolis (no change since May): 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. A draft feasibility study was presented at the October meeting. At direction of the Commission, staff discussed Penn Pond function and maintenance with MnDOT to better understand treatment options. The final feasibility study was approved at the January 2019 Commission meeting. Staff recently discussed the maintenance of Penn Pond with MnDOT again and received written confirmation that pond maintenance will occur prior to the park's reconstruction project with coordination among the BCWMC, MPRB, and MnDOT. 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 April): 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. 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 Nov 2018): 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. Also 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 work with the Commission Engineer and city staff to develop 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. 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): 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 is complete; the contractor completed storm sewer work at the site and installed the outlet trash rack. The City executed a contract with Applied Ecological Services for buffer establishment which recently got underway.

2017 Plymouth Creek Restoration Project, Annapolis Lane to 2,500 feet Upstream (2017CR-P) (No change since Feb): 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. I recently submitted a Clean Water Fund grant interim report.

2017 Main Stem Bassett Creek Streambank Erosion Repair Project (2017CR-M) (No change since April):

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. Construction will begin this summer. The contractor (Sunram Construction) and Barr Engineering staff will meet with landowners regarding access in the coming weeks.

2014 Schaper Pond Diversion Project, Golden Valley (SL-3) (No change since October 2018): 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.

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.

2013 Four Season 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 spring 2019, a new potential buyer/developer is preparing plans for redevelopment at the site. Alternate Commissioner Cesnik and I attended the neighborhood meeting and briefly discussed opportunities for funding above and beyond stormwater management features to improve water quality leaving the area and entering Northwood Lake. The Commission Engineer and I will meet with city staff and the redevelopment team next week to review potential “above and beyond” stormwater management.

Other Work

CIP Project Work and Technical Assistance

- Began review of draft biotic index monitoring report
- Created Crane Lake Improvement Project webpage
- Participated in meeting with Metro Blooms, MPRB, MWMO, and Minneapolis staff on expanding Blooming Boulevards project with city funding
- Participated in Bassett Creek Valley Summit
- Participated in TAC meeting; prepared TAC memo

Administration and Education

- Reviewed and edited June education press release on AIS
- Finalized 50th Anniversary Booklet and coordinated printing
- Coordinated bus for watershed tour
- Coordinated with 50th event venue for food and set up
- Gathered RSVPs for 50th and sent personal invitations to multiple groups
- Requested that commissioners invite council members to 50th event
- Emailed city managers requesting them to invite council members to 50th event
- Prepared for and attended Education Committee meeting
- Submitted 2018 Annual Report and FY2018 Financial Audit to BWSR
- Discussed 2025 Watershed Planning costs with Commission Engineer; communicated with Budget Committee members; developed 2020 Operating Budget options and memo
- Reviewed “10 Things” brochure
- Reviewed AMLAC meeting notes
- Delivered zebra mussel sampling plates to new volunteers