



Bassett Creek Watershed Management Commission

Regular Meeting
Thursday, June 16, 2016
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 19, 2016 Commission Meeting
- B. Approval of June 2016 Financial Report
- C. Approval of Payment of Invoices
 - i. Keystone Waters, LLC – May 2016 Administrator Services
 - ii. Barr Engineering – May 2016 Engineering Services
 - iii. Amy Herbert – May 2016 Secretarial Services
 - iv. ACE Catering – June 2016 Meeting Refreshments
 - v. Wenck – May 2016 WOMP Monitoring
 - vi. Kennedy Graven – April Legal Services
 - vii. LMCIT – Insurance Payment
 - viii. Shingle Creek WMC – Metro Blooms Workshop Payment
- D. Approval of Theodore Wirth Welcome Center Utilities Plans

5. BUSINESS

- A. Consider Conditional Approval of Southwest Light Rail Transit (LRT) Project Plans and Extension of Approval Expiration Date
- B. Receive Update on Main Stem Bassett Creek Erosion Repair Project (2017CR-M)
- C. Receive Update on Metro Blooms' Harrison Neighborhood Project
- D. Consider Applying for Clean Water Fund Grants for 2017 Projects and Harrison Neighborhood Project
- E. Receive Update on Plans for Watershed Tour

6. COMMUNICATIONS

- A. Administrator's Report
- B. Chair
- C. Commissioners
- D. TAC Members
- E. Committees
- F. Legal Counsel
- G. Engineer

7. INFORMATION ONLY (Information online only)

- A. CIP Project Updates: Now Available Online <http://www.bassettcreekwmo.org/projects>
- B. Grant Tracking Summary and Spreadsheet
- C. Clean Water Summit September 22nd, Minnesota Landscape Arboretum, Register at

<http://www.arboretum.umn.edu/2016cleanwatersummit.aspx>

- D. MWMO's "Water Wednesdays" Workshop Series (June 8, July 13, Aug 10):
<http://mwmo.org/blog/introducing-water-wednesdays-new-summer-workshop-series/>
- E. WCA Notice of Application, Plymouth Commons, Plymouth
- F. WCA Notice of Application, Vrieze Property, Plymouth
- G. WCA Notice of Application, St. Barnabas Lutheran Church, Plymouth

8. ADJOURNMENT

Upcoming Meetings & Events

- BCWMC Watershed Tour: Tuesday June 21st, 1:30 – 4:00 p.m., Leaving from Golden Valley City Hall
- BCWMC APM/AIS Committee Meeting: Tuesday June 28th, 8:30 – 10:00 a.m., Golden Valley City Hall
- BCWMC Technical Advisory Committee Meeting: Tuesday June 28th, 1:30 – 3:30 p.m., Golden Valley City Hall
- Clean Water Summit: Thursday September 22nd, 9:00 – 4:30; Minnesota Landscape Arboretum; register at <http://www.arboretum.umn.edu/2016cleanwatersummit.aspx>.

Future Commission Agenda Items list

- Address Organizational Efficiencies
- Finalize Commission policies (fiscal, data practices, records retention, roles and responsibilities, etc.)
- Presentation on joint City of Minnetonka/ UMN community project on storm water mgmt
- State of the River Presentation
- Presentation on chlorides



Bassett Creek Watershed Management Commission

AGENDA MEMO

Date: June 8, 2016

To: BCWMC Commissioners

From: Laura Jester, Administrator

RE: Background Information for 6/16/16 BCWMC Meeting

1. **CALL TO ORDER and ROLL CALL**
2. **CITIZEN FORUM ON NON-AGENDA ITEMS**
3. **APPROVAL OF AGENDA – ACTION ITEM**
4. **CONSENT AGENDA**

- A. Approval of Minutes – May 19, 2016 Commission meeting- **ACTION ITEM with attachment**
- B. Approval of June 2016 Financial Report - **ACTION ITEM with attachment**
- C. Approval of Payment of Invoices - **ACTION ITEM with attachments (online)**
 - i. Keystone Waters, LLC – May 2016 Administrator Services
 - ii. Barr Engineering – May 2016 Engineering Services
 - iii. Amy Herbert – May 2016 Secretarial Services
 - iv. ACE Catering – June 2016 Meeting Refreshments
 - v. Wenck – May 2016 WOMP Monitoring
 - vi. Kennedy Graven – April Legal Services
 - vii. LMCIT – Insurance Payment
 - viii. Shingle Creek WMC – Metro Blooms Workshop Payment
- D. Approval of Theodore Wirth Welcome Center Utilities Plans – **ACTION ITEM with attachment** - *The proposed project consists of installation of watermain and sanitary sewer using directional boring, crossing approximately 7-ft. below the bottom of the Main Stem Bassett Creek channel in Theodore Wirth Park. The proposed project is part of the Minneapolis Park and Recreation Board's Adventure and Welcome Center project (BCWMC 2016-01) approved administratively by the BCWMC in April 2016. This proposed project results in no net change of impervious surface and no permanent floodplain impacts. Staff recommends approval of the proposed utility project.*

5. BUSINESS

- A. Consider Conditional Approval of Southwest Light Rail Transit (LRT) Project Plans and Extension of Approval Expiration Date – **ACTION ITEM with attachment** - *Approximately two miles of the proposed Southwest LRT project corridor falls within the boundaries of the Bassett Creek watershed, in the City of Minneapolis; includes freight rail, light rail, paved trails, support facilities, and two stations; and includes 1.1 acres of new impervious surface in the watershed. As currently proposed, one of the three segments in the watershed does not meet stormwater rate control and water quality standards (MIDS). Additionally, the applicant requests that the expiration date of the approval be extended to December 2020, well beyond the BCWMC 2-year valid approval window. Staff recommends conditional approval with multiple comments in the attached memo.*
- B. Receive Update on Main Stem Bassett Creek Erosion Repair Project (2017CR-M) – **INFORMATION ITEM with attachment** – *Staff continues to take steps to properly dispose of contaminated soil during construction of the Main Stem Erosion Repair Project in Minneapolis in 2017. Recently the BCWMC and the City of Minneapolis submitted an application (attached) to Hennepin County for funds to prepare a response action plan (RAP) that will outline the specific approach to managing contaminated soil as part of the project. By preparing a RAP and obtaining MPCA-approval, the project may be eligible for cleanup funding through the Hennepin County Environmental Response Fund (ERF) grant to be submitted later this year.*
- C. Receive Update on Metro Blooms' Harrison Neighborhood Project – **INFORMATION ITEM no**

attachment – Metro Blooms is preparing for the boulevard bio-swale installations around the entire block containing Redeemer Lutheran Church on Glenwood Avenue. The work will happen July 5-15 with the Conservation Corps Youth Outdoors crews and with Step Up interns based at Redeemer Lutheran. The Minneapolis Park and Rec Board forestry team is removing all ash trees on the block and deep grinding all stumps prior to the project start date. The Redeemer Block Party is scheduled for August 17th and typically draws 800 residents. It will be an opportunity to engage the neighborhood and showcase the bio-swale installations.

- D. Consider Applying for Clean Water Fund Grants for 2017 Projects and Harrison Neighborhood Project - **DISCUSSION ITEM with attachment** – The request for proposals for Clean Water Fund grants will be released later in June and grant applications will be due in early August. Attached is last year's request for proposals (RFP). This year's RFP will have the same ranking criteria and similar application questions. The Commission should consider applying for Clean Water Funds for the 2017 Plymouth Creek and Main Stem restoration projects. Additionally, Metro Blooms is requesting that the Commission apply for Clean Water Funds for additional phases of the Harrison Neighborhood Project. Staff also notes that Hennepin County has grant funds available to help match and leverage CWF grants.
- E. Receive Update on Plans for Watershed Tour – **INFORMATION ITEM no attachment** – Commissioners should have received an official tour invitation via email. Staff is collecting registrations and coordinating with tour presenters, and will provide further updates at this meeting.

6. COMMUNICATIONS

- A. Administrator's Report – **INFORMATION ITEM with attachment**
- B. Chair
- C. Commissioners
- D. TAC Members
- E. Committees
- F. Legal Counsel

7. INFORMATION ONLY (Information online only)

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Bassett Creek Watershed Management Commission

Minutes of Regular Meeting May 19, 2016 Plymouth City Hall, 8:30 a.m.

Commissioners and Staff Present:

Crystal	Commissioner Guy Mueller, Vice Chair	Plymouth	Alternate Commissioner David Tobelmann
Golden Valley	Alternate Commissioner Jane McDonald Black	Robbinsdale	Alternate Commissioner Michael Scanlan
Medicine Lake	Commissioner Clint Carlson	St. Louis Park	Commissioner Jim de Lambert, Chair
Minneapolis	Commissioner Michael Welch	Administrator	Laura Jester
Minnetonka	Commissioner Michael Fruen	Attorney	Troy Gilchrist, Kennedy & Graven
New Hope	<i>Absent</i>	Engineer	Karen Chandler, Barr Engineering

Technical Advisory Committee (TAC) Members/ Other Attendees Present:

Derek Asche, TAC, City of Plymouth	Bob Paschke, TAC, City of New Hope
Erick Francis, TAC, City of St. Louis Park	Joe Bischoff, Wenck Associates
Jeff Oliver, TAC, City of Golden Valley	Patrick Noon, Alternate Commissioner, St. Louis Park
Richard McCoy, TAC, City of Robbinsdale	Jim Herbert, Barr Engineering
Tom Dietrich, TAC, City of Minnetonka	Susan Wiese, Resident, City of Medicine Lake
Mark Ray, TAC, City of Crystal	

1. CALL TO ORDER AND ROLL CALL

On Thursday, May 19, 2016, at 8:35 a.m. in the Council Conference Room at Golden Valley City Hall (7800 Golden Valley Rd.), Chair de Lambert called to order the meeting of the Bassett Creek Watershed Management Commission (BCWMC) and asked for roll call to be taken. [The cities of Minneapolis and New Hope were absent from roll call].

2. CITIZEN FORUM ON NON-AGENDA ITEMS

No comments.

3. AGENDA

MOTION: Alt. Commissioner McDonald Black moved to approve the agenda. Alt. Commissioner Tobelmann seconded the motion. Upon a vote, the motion carried 7-0. [The cities of Minneapolis and New Hope were absent from the vote.]

4. CONSENT AGENDA

MOTION: Commissioner Mueller moved to approve the consent agenda. Alt. Commissioner McDonald Black seconded the motion. Upon a vote, the motion carried 7-0. [The cities of Minneapolis and New Hope were absent from the vote.]

[The following items were approved as part of the consent agenda: the April 21, 2016, Commission Meeting Minutes, the May 2016 Financial Report, the payment of invoices, agreement with Metropolitan Council for participation in Citizen Assisted Monitoring Program, accept and authorize distribution of Fiscal Year 2015 Financial Audit, and set summer Technical Advisory Committee meeting.]

The general and construction account balances reported in the May 2016 Financial Report are as follows:

Checking Account Balance	\$714,512.60
TOTAL GENERAL FUND BALANCE	\$714,512.60
TOTAL CASH & INVESTMENTS ON-HAND (5/11/16)	\$3,205,492.12
CIP Projects Levied – Budget Remaining	(\$4,312,906.12)
Closed Projects Remaining Balance	(\$1,107,414.00)
2012-2015 Anticipated Tax Levy Revenue	\$10,213.74
2016 Anticipated Tax Levy Revenue	\$1,222,000.00
Anticipated Closed Project Balance	(\$124,799.74)

5. BUSINESS

[Commissioner Welch arrives.]

A. Consider Approval of Recommendations from Technical Advisory Committee on Responsibilities and Funding Mechanisms for Rehabilitation and Replacement of Flood Control Project Features

Commission Engineer Chandler provided background information on the Flood Control Project (FCP) and reported that the TAC recently developed recommended policies regarding the future funding mechanisms and responsible parties for the long term maintenance, repair, and possible replacement of project components. She reported that the FCP is a series of structures that were constructed between 1987 and 1996 (except for the tunnel which was constructed in 1979). She noted the FCP components include the Bassett Creek tunnel, control structures, and road crossings, all regularly inspected by the Commission. Engineer Chandler then walked through the recommendations from the TAC.

Commission Engineer Chandler noted (under recommendation 1), that the TAC recommends more frequent tunnel inspections. There was discussion about the frequency of the inspections and if the City of Minneapolis or the Commission would pay for additional inspections. It was noted the TAC didn't discuss funding of the inspections, which are currently a Commission expense. Administrator Jester wondered if the Commission could

negotiate with the City to fund added inspections at the point at which the additional inspection is requested or planned. After discussion, this item was sent back to the TAC and/or staff to refine.

There was consensus on the Commission to accept TAC recommendations 2 – 6 of the memo including the following: cities formally report maintenance and repair actions on FCP features; the Commission rely on inspection and maintenance program to identify when major repairs, rehabilitation, or replacement will be needed; the Commission add major FCP repair, rehabilitation, and replacement projects to the CIP (which may require a plan amendment); the Commission maintain the FCP Emergency Repair Fund and Long-Term Maintenance Fund as two separate funds; and the Commission require member cities to perform initial response to emergencies concerning FCP features.

Regarding funding of major work, there was discussion about possible grant funding and the fact that the Commission should discuss with Hennepin County staff the possibility of major rehabilitation or replacement projects being part of future CIP projects.

There was discussion on recommendation 7 regarding who will maintain FCP components at road crossings. Mr. Asche wondered if current FCP agreements between the cities would need to be revised to incorporate the recommended policy requiring cities to maintain all FCP road crossings and their conveyance structures unless the Commission directed a reconstruction of a road crossing. After discussion, the Commission directed staff to investigate the recommendation's impact on existing agreements and to consider using a subcommittee that includes the Commission's Legal Counsel, Administrator, Engineer, and Minneapolis TAC and Commission members.

There was discussion on recommendation 8 which aimed to clarify the meaning of the terms "routine" and "major" maintenance in policies 20 and 24 in the Watershed Management Plan. There was a question about whether past maintenance costs could inform future funding needs in order to plan for future costs. Engineer Chandler noted the TAC did not consider that question and agreed the spending and replacement levels of the Long Term Maintenance Fund should be analyzed. There was also concern, from Commissioner Welch, that dramatically expanding the use of the capital improvement program funds through an annual levy may become unsustainable. There were enough concerns among Commissioners about the future funding needs that staff and TAC were asked to provide further detail and bring a revised recommendation and/or more detail to a future Commission meeting.

MOTION: Alt. Commissioner Scanlan moved to approve recommendations 2 – 6 in the TAC memo on "Responsibilities and Funding Mechanisms for Rehabilitation and replacement of Flood Control Project Features" dated May 11, 2016. Alt. Commissioner McDonald Black seconded the motion.

Discussion: Chair de Lambert noted that consideration should be given to the impact of Atlas 14 on stormwater management and flood levels. Commissioner Welch noted that climate change resiliency can and should be studied by the Commission and Mr. Oliver noted that climate change resiliency is an optional chapter in the city's comprehensive plan. Chair de Lambert also expressed concern that future levy requests may be denied by the County.

Upon a vote the motion carried 7-1 with a nay vote from Minneapolis and all others voting aye. [City of New Hope was absent from the vote.]

[Commissioner Carlson departs.]

B. Consider Allowing Major Maintenance of Ponds Along Trunk System to be Included in Capital Improvement Program (Winnetka Pond on North Branch as Example)

Administrator Jester reminded the Commission that on two occasions a Crystal resident had attended a

Commission meeting and expressed concern about sedimentation in Winnetka Pond. She reported that because the CIP project slated for 2018 includes dredging another pond in Crystal, Bassett Creek Park Pond, staff wondered if it would be appropriate to add dredging Winnetka Pond (which is part of the BCWMC Trunk System) to that project. She noted that while dredging ponds along the Trunk System meets the “gatekeeper” questions for CIP projects such as 1) being on the trunk system; and 2) improving water quality of a priority waterbody, that adding Winnetka Pond to the 2018 project would set a precedent. Administrator Jester that Winnetka Pond be added to the feasibility study proposal to be submitted by the Commission Engineer (at the City of Crystal’s request) at the next meeting.

Commissioners asked about the added cost to the feasibility study. Engineer Chandler indicated it would depend on the initial sediment analyses and would be similar to the cost of the study for Bassett Creek Park Pond. Mr. Asche commented that in his experience, ponds in Plymouth Creek need dredging about every 5 years due to the amount of sediment coming from upstream.

Administrator Jester noted the proposal for the feasibility study development could include Winnetka Pond as an alternate with costs shown separately so the Commission could make a decision at that time about whether or not to study the pond along with Bassett Creek Park Pond.

MOTION: Alt. Commissioner Scanlan moved to include the dredging of Winnetka Pond in the feasibility study proposal for the 2018 CIP project. Commissioner Mueller seconded the motion.

Discussion: The Commission reviewed the map showing several other ponds in the Trunk System and there was discussion about possible contaminants that could be found in ponds. There was concern about expanding the CIP that may either increase the level of the levy or force the Commission to set aside other potential projects. Commission Engineer Chandler noted that it’s all about prioritization – all the projects have merit but it’s a matter of deciding where best to put funds.

Upon a vote the motion carried 6-1 with a nay vote from Minneapolis and all others voting aye. [Cities of New Hope and Medicine Lake were absent from the vote.]

[Commissioner Carlson returns.]

C. Set Maximum Levy Amount for 2017 Capital Improvement Projects

Administrator Jester reviewed her recommendation to set the maximum levy for 2017 at \$1,303,600 as shown on the approved 5-year CIP list. She noted that amount includes the second portion of the Northwood Lake Improvement Project and the first half of the Main Stem Erosion Repair Project and the Plymouth Creek Restoration Project. She noted that when the Commission sets the final levy amount in September, it could be lower but not higher than the amount set today.

MOTION: Alt. Commissioner Scanlan moved to set the 2017 maximum levy at \$1,303,600. Alt. Commissioner Tobelmann seconded the motion. Upon a vote the motion carried 8-0. [City of New Hope was absent from the vote.]

D. Consider Recommendations from Budget Committee

i. 2017 Proposed Operating Budget and City Assessments

As chair of the Budget Committee, Alt. Commissioner McDonald Black presented the proposed 2017 operating budget. She walked through several lines of the “engineering and monitoring” portion of the budget, noting that was where the proposed budget was higher than this year’s budget. She noted this included new funding for work in the area of aquatic plant management and/or aquatic invasive species and updates to the XP-SWMM model.

Alt. Commissioner McDonald Black then noted that there are several water monitoring tasks proposed for 2017 and that the Budget Committee decided to request proposals from firms in the BCWMC Engineering Pool. She noted the committee recommends using Wenck Associates to perform routine lake monitoring in 2017 and for performing effectiveness monitoring on Schaper Pond. She noted the committee recommended (and Commission Legal Counsel agreed it was not inappropriate) that the Schaper Pond effectiveness monitoring be paid with funds remaining in that CIP project budget. She also noted that the committee originally requested proposals to include a study of Sweeney Lake aeration, but another option was presented in the proposal from Wenck to study the lake for a future alum treatment.

There was some discussion about whether or not the proposal from Barr Engineering and the proposal from Wenck for lake monitoring were quoting the exact same work. Administrator Jester noted the BCWMC monitoring plan is very prescriptive and that the firms based their estimates off that plan. Mr. Bischoff with Wenck indicated the number of samples slated for collection in their proposal was the same as outlined in the monitoring plan.

Commission Engineer Herbert noted that Barr Engineering has been performing water quality monitoring for the Commission for over 40 years, that Barr understands the issues and probably allocated more time for data analysis and reporting in their proposal. He requested that the Commission reconsider using a different firm for monitoring in 2017.

Mr. Oliver noted that there was value in the institutional knowledge of the Commission Engineer and also reminded the Commission that during the Sweeney Lake TMDL development, the Commission made a commitment to study the effects of aeration on the lake. Alt. Commissioner Scanlan noted his concern about using different contractors for different tasks that could result in non-uniform data being collected. Commissioner Welch expressed concern about the possible need for more data analysis if correct/complete analyses aren't performed during the initial study. He also expressed concern about using CIP funds to study Schaper Pond. He noted this probably wasn't an appropriate use of CIP funds; Administrator Jester agreed it was a "stretch" even though the Commission's Closed Project Account Policy language seemed to allow it.

There was further discussion about the use of firms other than the Commission Engineer including comments that that other qualified firms should be able to perform these functions, that other partners including Three Rivers Park District and the Minneapolis Park and Rec Board do some monitoring for the Commission, and the fact that professional services are not part of the "best value purchasing" law.

MOTION: Commissioner Welch moved to approve a proposed operating budget of \$645,600 plus an additional \$32,000 in the water quality monitoring line item for a total proposed budget of \$677,600 and to submit the proposed budget to cities for comment. Alt. Commissioner Scanlan seconded the motion.

Discussion: It was noted that the original committee-recommended budget included a 2% increase in city assessments. There was discussion about whether cities are likely to support a 4% increase in city assessments (which would be the approximate increase with the addition of \$32,000 to the operating budget.) TAC members and Commissioners with some cities including Golden Valley, New Hope, and Minneapolis indicated general support of a 4% increase. TAC members and Commissioners from other cities expressed concern about a 4% increase but acknowledged a 2% increase was appropriate.

Upon a vote the motion carried 5-3 with Minneapolis, Golden Valley, Medicine Lake, Robbinsdale, and Minnetonka voting aye and St. Louis Park, Crystal and Plymouth voting nay. [City of New Hope was absent from the vote.]

ii. 2017 Proposed Water Monitoring Activities and Consultants

There was further discussion about the use of different firms for various monitoring tasks in 2017. Chair de

Lambert indicated that the use of other vendors was not without precedent, noting that Wenck Associates performs the field work for the Commission on the Bassett Creek WOMP station. It was also noted that the routine lake monitoring is straightforward work.

MOTION: Commissioner Welch moved to approve the Budget Committee's recommendation on the 2017 water monitoring activities with the exception of using operating budget rather than CIP funds for the Schaper Pond effectiveness monitoring. Commissioner Mueller seconded the motion.

Discussion: There was discussion about the uncertainty that remains regarding what kind of study to perform on Sweeney Lake. There was consensus that the TAC should consider the 2017 water monitoring projects, budgets, and consultants at its next meeting on June 28th and bring a recommendation to the Commission.

Commissioner Welch withdrew his motion. Commissioner Mueller concurred. Motion withdrawn.

E. Consider Acceptance of Restoration Plan for Unpermitted Wetland Fill at 1143 South Shore Drive, Medicine Lake

Commission Engineer Chandler briefly described the situation with unpermitted wetland fill on a property in the City of Medicine Lake. She reminded Commissioners that the BCWMC is the Local Government Unit (LGU) for administering the Wetland Conservation Act in Medicine Lake. She reported that the landowner is cooperating and agreed to restore the wetland area. She recommended conditional approval of the wetland restoration plan as presented. Commissioner Carlson further described the situation at the property and thanked Mr. Asche for his help with the logistics of determining a course of action, initially. There was a question about which entity should collect funds to cover WCA administration costs from the landowner. Administrator Jester noted she was planning to invoice the City of Medicine Lake for the Commission's WCA work. Commission Legal Counsel and Commissioner Welch agreed that the LGU (the BCWMC in this case) should collect the funds directly from the landowner.

MOTION: Commissioner Welch moved to require the landowner to apply for a wetland replacement plan and to comply with all associated processes including filing a declaration of restrictions and covenants and to cover costs as allowed by the Wetland Conservation Act. Alt. Commissioner Scanlan seconded the motion.

Discussion: Engineer Chandler noted that actual enforcement action was not being sought because the landowner was cooperating, hired a professional wetland firm and provided a wetland delineation and restoration plan. Commissioner Welch indicated that the proper legal framework should be used. There was brief discussion on how the Commission could recoup WCA-related expenses from the landowner.

Upon a vote the motion passed 7-0 with Robbinsdale abstaining from the vote. [City of New Hope was absent from the vote.]

F. Receive Update on Plans for Watershed Tour

Administrator Jester reported that the tour, which is scheduled for the afternoon of June 21st, will leave from Golden Valley City Hall. She noted that the tour is likely to include the following stops: current Main Stem Restoration Project in Golden Valley, the Fruen Mill site, 2017 Plymouth Creek Restoration Project area, Northwood Lake Improvement Project site, and a demonstration of the macroinvertebrate and habitat monitoring. She noted invitations will go out in the next week.

7. COMMUNICATIONS

A. Administrator's Report

Administrator Jester reported that the APM/AIS Committee will hold their first meeting on June 28th at 8:30

a.m. and that the TAC will also meet on June 28th, at 1:30 p.m. – both meetings at Golden Valley City Hall. She also reported that the BWSR was asked by Met Council staff to include the BCWMC as one of two case studies to be highlighted in the Nonpoint Priority Funding Plan. Commissioners asked to see the final product once it's available.

B. Chair – No comments

C. Commissioners - No comments

D. TAC Members

- i. **Report on May 5th TAC Meeting** – Mr. Francis reported that the TAC met on May 5th and received presentations from staff with the Ramsey Washington Metro Watershed District and the city of Maplewood on how MIDS is working for linear projects in their area. He noted the TAC will continue to discuss how to effectively implement MIDS in linear projects at future meetings. Mr. Francis also reported that the TAC received an update from the Commission Engineer on the P8 model and how model results can be used to identify pollutant loading hotspots within the watershed and how the model is being updated each year.

E. Committees - No comments

F. Legal Counsel – No comments

G. Engineer

- i. **Update on Blue Line LRT** – Engineer Chandler reported that she and the Administrator and staff with Golden Valley and Minneapolis recently attended a meeting to receive updates on the Blue Line LRT project including potential impacts, mitigation, stormwater management features, and places where a joint project might work.
- ii. **Update on Culvert Replacement Project in City of Medicine Lake** - Engineer Chandler reported on a possible project in the City of Medicine Lake to replace culverts at the end of several driveways. She noted the project which should come through the Commission for review due to working in the floodplain.

Engineer Chandler also reported that she and Commission Engineer Koehler presented information on the XP-SWMM model at the AMLAC meeting. She noted the good turnout and thoughtful questions.

7. INFORMATION ONLY (Available at <http://www.bassettcreekwmo.org/document/meeting-materials-minu/meeting-materials/bcwmc-monthly-meeting>)

- A. CIP Project Updates: Now Available Online <http://www.bassettcreekwmo.org/projects>
- B. Grant Tracking Summary and Spreadsheet
- C. Grant Application to Metropolitan Council for Metro Bloom's Harrison Neighborhood Project
- D. WCA Notice of Decision, Plymouth
- E. Mississippi River Forum: Environmental Justice in MN
<https://www.nps.gov/miss/learn/nature/riverforum.htm>

8. ADJOURNMENT - Chair de Lambert adjourned the meeting at 11:43 a.m.

Signature/Title

Date

Signature/Title

Date

Bassett Creek Watershed Management Commission General Account
General Fund (Administration) Financial Report
Fiscal Year: February 1, 2016 through January 31, 2017
MEETING DATE: June 16, 2016

Item 4B.
BCWMC 6-16-16
(UNAUDITED)

BEGINNING BALANCE	11-May-16		714,512.60
ADD:			
General Fund Revenue:			
Interest less Bank Fees		(12.41)	
Permits:			
Loucks	BCWMC 2016-13	1,700.00	
M A Mortenson	BCWMC 2016-14	2,200.00	
Beacon Academy	BCWMC 2016-18	2,200.00	
United Properties	BCWMC 2016-20	1,700.00	
Tennant	BCWMC 2016-21	2,200.00	
Bolton & Menk	BCWMC 2016-22	1,100.00	
Reimbursed Construction Costs		10,570.00	
	Total Revenue and Transfers In		21,657.59
DEDUCT:			
Checks:			
2862 Barr Engineering	May Engineering	44,453.80	
2863 D'Amico Catering	June Meeting	130.14	
2864 Amy Herbert LLC	May Secretarial	403.00	
2865 Kennedy & Graven	April Legal	875.60	
2866 Keystone Waters LLC	May Administrator	4,020.00	
2867 Wenck Associates	May Outlet Monitoring	1,308.40	
2868 LMCIT	Insurance Premium	4,343.00	
2869 Shingle Creek WMC	Metro Blooms Raingarder	2,113.50	
	Total Checks		57,647.44
ENDING BALANCE	8-Jun-16		678,522.75

Bassett Creek Watershed Management Commission General Account
General Fund (Administration) Financial Report
Fiscal Year: February 1, 2016 through January 31, 2017
MEETING DATE: June 16, 2016

(UNAUDITED)

	2016 / 2017 BUDGET	CURRENT MONTH	YTD 2016 / 2017	BALANCE
OTHER GENERAL FUND REVENUE				
ASSESSMENTS TO CITIES	490,345	0.00	490,344.00	1.00
PROJECT REVIEW FEES	60,000	11,100.00	30,900.00	29,100.00
WOMP REIMBURSEMENT	5,000	0.00	4,500.00	500.00
TRANSFERS FROM LONG TERM FUND & CIP	27,055	0.00	0.00	27,055.00
REVENUE TOTAL	582,400	11,100.00	525,744.00	56,656.00
EXPENDITURES				
ENGINEERING & MONITORING				
TECHNICAL SERVICES	120,000	7,036.00	42,588.72	77,411.28
DEV/PROJECT REVIEWS	65,000	9,262.12	39,559.12	25,440.88
NON-FEE/PRELIM REVIEWS	15,000	4,261.44	18,585.94	(3,585.94)
COMMISSION AND TAC MEETINGS	13,000	2,084.46	6,652.00	6,348.00
SURVEYS & STUDIES	25,000	3,143.00	5,309.00	19,691.00
WATER QUALITY/MONITORING	76,000	146.00	19,543.77	56,456.23
SHORELAND HABITAT MONITORING	6,000	598.00	1,157.00	4,843.00
WATER QUANTITY	11,500	827.24	2,068.10	9,431.90
WATERSHED INSPECTIONS - EROSION CONTROL	1,000	0.00	0.00	1,000.00
ANNUAL FLOOD CONTROL INSPECTIONS	10,000	0.00	0.00	10,000.00
REVIEW MUNICIPAL PLANS	2,000	0.00	0.00	2,000.00
WOMP	17,000	2,001.32	5,409.53	11,590.47
ENGINEERING & MONITORING TOTAL	361,500	29,359.58	140,873.18	220,626.82
ADMINISTRATION				
ADMINISTRATOR	62,000	4,020.00	19,451.49	42,548.51
LEGAL COSTS	18,500	875.60	3,544.32	14,955.68
AUDIT, INSURANCE & BONDING	15,500	4,343.00	10,793.00	4,707.00
FINANCIAL MANAGEMENT	3,200	0.00	77.60	3,122.40
DIGITIZE HISTORIC PAPER FILES	5,000	0.00	0.00	5,000.00
MEETING EXPENSES	2,200	130.14	708.62	1,491.38
ADMINISTRATIVE SERVICES	25,000	414.62	6,699.54	18,300.46
ADMINISTRATION TOTAL	131,400	9,783.36	41,274.57	90,125.43
OUTREACH & EDUCATION				
PUBLICATIONS/ANNUAL REPORT	2,500	0.00	1,246.50	1,253.50
WEBSITE	3,500	0.00	942.03	2,557.97
PUBLIC COMMUNICATIONS	2,500	0.00	0.00	2,500.00
EDUCATION AND PUBLIC OUTREACH	22,500	2,113.50	13,406.03	9,093.97
WATERSHED EDUCATION PARTNERSHIPS	15,500	0.00	3,500.00	12,000.00
OUTREACH & EDUCATION TOTAL	46,500	2,113.50	19,094.56	27,405.44
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	20,000	5,821.00	13,317.00	6,683.00
TMDL WORK TOTAL	20,000	5,821.00	13,317.00	6,683.00
TOTAL EXPENSES	609,400	47,077.44	214,559.31	394,840.69

BCWMC Construction Account
Fiscal Year: February 1, 2015 through January 31, 2016
May 2016 Financial Report

(UNAUDITED)

Cash Balance 5/11/16			
Cash		2,213,492.12	
	Total Cash		2,213,492.12
Ally Bk Midvale Utah C/D (9/25/2017 1.25%)		248,000.00	
Capital One Bk-McLean VA C/D (9/25/2017 1.15%)		248,000.00	
Capital One Bk-Glen Allen VA C/D (9/25/2017 1.15%)		248,000.00	
Key Bk Natl Assn Ohio C/D (10/02/2017 1.15%)		248,000.00	
	Total Investments		992,000.00
	Total Cash & Investments		3,205,492.12
Add:			
Interest Revenue (Bank Charges)		(57.41)	
Met Council		7,527.00	
	Total Revenue		7,469.59
Less:			
CIP Projects Levied - Current Expenses - TABLE A		0.00	
Proposed & Future CIP Projects to Be Levied - Current Expenses - TABLE B		(2,000.00)	
	Total Current Expenses		(2,000.00)
	Total Cash & Investments On Hand	05/11/16	3,210,961.71
Total Cash & Investments On Hand		3,210,961.71	
CIP Projects Levied - Budget Remaining - TABLE A		(4,312,906.12)	
Closed Projects Remaining Balance		(1,101,944.41)	
2011 - 2015 Anticipated Tax Levy Revenue - TABLE C		10,213.74	
2016 Anticipated Tax Levy Revenue - TABLE C		1,222,000.00	
Anticipated Closed Project Balance		130,269.33	
Proposed & Future CIP Project Amount to be Levied - TABLE B		0.00	

TABLE A - CIP PROJECTS LEVIED

	Approved Budget	Current Expenses	2016 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget
Lakeview Park Pond (ML-8) (2013)	196,000.00	0.00	0.00	11,589.50	184,410.50
Four Seasons Mall Area Water Quality Proj (NL-2)	990,000.00	0.00	0.00	127,501.84	862,498.16
2014					
Schaper Pond Enhance Feasibility/Project (SL-1)(SL-3)	612,000.00	0.00	213,668.55	303,263.45	308,736.55
Briarwood / Dawnview Nature Area (BC-7)	250,000.00	0.00	230,401.91	250,000.00	0.00
Twin Lake Alum Treatment Project (TW-2)	163,000.00	0.00	66,812.17	91,037.82	71,962.18
2015			0.00	0.00	
Main Stem 10th to Duluth (CR2015)	1,503,000.00	0.00	0.00	105,042.00	1,397,958.00
2016			0.00	0.00	
Honeywell Pond Expansion (BC-4)	810,930.00	0.00	0.00	13,904.48	797,025.52
Northwood Lake Pond (NL-1)	822,140.00	0.00	31,882.60	131,824.79	690,315.21
	5,347,070.00	0.00	542,765.23	1,034,163.88	4,312,906.12

Grant Funds
Received

275,000.00

TABLE B - PROPOSED & FUTURE CIP PROJECTS TO BE LEVIED

	Approved Budget - To Be Levied	Current Expenses	2016 YTD Expenses	INCEPTION To Date Expenses	Remaining Budget
2017					
Main Stem Cedar Lk Rd to Dupont (2017 CR-M)		2,000.00	60,564.00	103,235.88	(103,235.88)
Plymouth Creek Restoration (CR-P)		0.00	13,229.00	62,641.13	(62,641.13)
2017 Project Totals	0.00	2,000.00	73,793.00	165,877.01	(165,877.01)
2019					
Bryn Mawr Meadows (BC-5)	0.00	0.00	0.00	5,282.80	(5,282.80)
2019 Project Totals	0.00	0.00	0.00	5,282.80	(5,282.80)
Total Proposed & Future CIP Projects to be Levied	0.00	2,000.00	73,793.00	171,159.81	(171,159.81)

BCWMC Construction Account

Fiscal Year: February 1, 2015 through January 31, 2016

(UNAUDITED)

May 2016 Financial Report

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
2016 Tax Levy	1,222,000.00		1,222,000.00			0.00	1,222,000.00	1,222,000.00
2015 Tax Levy	1,000,000.00	4,784.98	1,004,784.98			998,837.49	5,947.49	1,000,000.00
2014 Tax Levy	895,000.00	(5,147.27)	889,852.73			887,701.41	2,151.32	895,000.00
2013 Tax Levy	986,000.00	(8,746.67)	977,253.33			976,102.39	1,150.94	986,000.00
2012 Tax Levy	762,010.00	(7,283.60)	754,726.40			754,111.75	614.65	762,010.00
2011 Tax Levy	863,268.83	(12,453.26)	850,815.57			850,466.23	349.34	862,400.00
				0.00			1,232,213.74	

OTHER PROJECTS:

	Approved Budget	Current Expenses / (Revenue)	2016 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	648,373.00	8,570.00	52,656.50	206,432.17	441,940.83
Less: State of MN - DNR Grants			(13,838.00)	(13,838.00)	
	648,373.00	8,570.00	38,818.50	192,594.17	441,940.83
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	325,000.00	0.00	0.00	121,242.95	203,757.05
Total Other Projects	1,608,373.00	8,570.00	38,818.50	421,602.27	1,172,932.73

Cash Balance 5/11/16 1,092,839.68

Add:

Transfer from GF 0.00

Less:

Current (Expenses)/Revenue (8,570.00)

Ending Cash Balance 05/11/16 1,084,269.68

Additional Capital Needed (88,663)

Bassett Creek Construction Project Details

6/8/2016

CIP Projects Levied

	Total	2013	2013	2014	2014	2014	2015	2016	2016
	CIP Projects Levied	Lakeview Park Pond (ML-8)	Four Seasons Mall Area Water Quality Project (NL-2)	Schaper Pond Enhancement Feasibility / Project (SL-1) (SL-3)	Briarwood / Dawnview Water Quality Improve Proj (BC-7)	Twin Lake In-Lake Alum Treatment Project (TW-2)	Main Stem - 10th Ave to Duluth (CR2015)	Honeywell Pond Expansion (BC-4)	Northwood Lake Pond (NL-1)
Original Budget Added to Budget	5,347,070	196,000	990,000	612,000	250,000	163,000	1,503,000	810,930	822,140
Expenditures:									
Feb 2004 - Jan 2005	637.50	637.50							
Feb 2005 - Jan 2006									
Feb 2006 - Jan 2007									
Feb 2007 - Jan 2008									
Feb 2008 - Jan 2009									
Feb 2009 - Jan 2010									
Feb 2010 - Jan 2011	602.00		602.00						
Feb 2011 - Jan 2012	49,194.86	1,476.00	8,086.37	39,632.49					
Feb 2012 - Jan 2013	71,301.89	2,964.05	61,940.82	4,572.97	152.80	1,671.25			
Feb 2013 - Jan 2014	78,112.38	6,511.95	31,006.30	19,079.54	6,477.29	13,678.55	1,358.75		
Feb 2014 - Jan 2015	70,123.05			26,309.90	12,968.00	8,443.85	9,820.60	7,461.95	5,118.75
Feb 2015-Jan 2016	221,426.97		25,866.35			432.00	93,862.65	6,442.53	94,823.44
Feb 2016-Jan 2017	542,765.23			213,668.55	230,401.91	66,812.17			31,882.60
Total Expenditures:	1,034,163.88	11,589.50	127,501.84	303,263.45	250,000.00	91,037.82	105,042.00	13,904.48	131,824.79

Project Balance 4,312,906.12 184,410.50 862,498.16 308,736.55 71,962.18 1,397,958.00 797,025.52 690,315.21

	Total	2013	2013	2014	2014	2014	2015	2016	2016
	CIP Projects Levied	Lakeview Park Pond (ML-8)	Four Seasons Mall Area Water Quality Project (NL-2)	Schaper Pond Enhancement Feasibility / Project (SL-1) (SL-3)	Briarwood / Dawnview Water Quality Improve Proj (BC-7)	Twin Lake In-Lake Alum Treatment Project (TW-2)	Main Stem - 10th Ave to Duluth (CR2015)	Honeywell Pond Expansion (BC-4)	Northwood Lake Pond (NL-1)
Project Totals By Vendor									
Barr Engineering	184,734.21	6,338.95	28,670.54	75,251.50	13,089.74	15,712.00	15,825.00	13,108.48	16,738.00
Kennedy & Graven	11,384.60	1,200.55	2,471.95	993.40	1,038.35	1,058.65	2,223.75	796.00	1,601.95
City of Golden Valley	572,875.88			213,668.55	230,401.91	66,812.17	61,993.25		
City of Minneapolis									
City of Plymouth	75,759.35		75,759.35						
City of New Hope	113,484.84								113,484.84
MPCA									
Blue Water Science	3,900.00					3,900.00			
S E H									
Misc									
2.5% Admin Transfer	72,025.00	4,050.00	20,600.00	13,350.00	5,470.00	3,555.00	25,000.00		
Transfer to General Fund									
Total Expenditures	1,034,163.88	11,589.50	127,501.84	303,263.45	250,000.00	91,037.82	105,042.00	13,904.48	131,824.79

	Total	2013	2013	2014	2014	2014	2015	2016	2016
	CIP Projects Levied	Lakeview Park Pond (ML-8)	Four Seasons Mall Area Water Quality Project (NL-2)	Schaper Pond Enhancement Feasibility / Project (SL-1) (SL-3)	Briarwood / Dawnview Water Quality Improve Proj (BC-7)	Twin Lake In-Lake Alum Treatment Project (TW-2)	Main Stem - 10th Ave to Duluth (CR2015)	Honeywell Pond Expansion (BC-4)	Northwood Lake Pond (NL-1)
Levy/Grant Details									
2009/2010 Levy									
2010/2011 Levy									
2011/2012 Levy									
2012/2013 Levy	986,000	162,000	824,000						
2013/2014 Levy	895,000			534,000	218,800	142,200			
2014/2015 Levy	1,000,000						1,000,000		
2015-2016 Levy	1,222,000							810,930	411,070
Construction Fund Balance	703,000	34,000	166,000				503,000		
BWSR Grant- BCWMO	400,000								400,000
MPCA Grant-CWPGrant	75,000								75,000
DNR Grants-LT Maint									
Total Levy/Grants	5,281,000	196,000	990,000	534,000	218,800	142,200	1,503,000	810,930	886,070

BWSR Grants Received 200,000
MPCA Grant-CWP (Total \$300,000) 75,000.00

Bassett Creek Construction Project Details

Bassett Creek Construction Project Details

Proposed & Future CIP Projects (to be Levied)					Other Projects						
Original Budget Added to Budget	Total	2017	2017	2019	DNR Grant From GF	Total					Totals - All Projects
	Proposed & Future CIP Projects (to be Levied)	Main Stem- Cerar Lk Rd to Dupont (2017 CR-M)	Plymouth Creek Restoration (2017 CR-P)	Bryn Mawr Meadows		Other Projects	TMDL Studies	Flood Control Emergency Maint	Flood Control Long- Term Maint	Channel Maint	
						1,278,373.00 (250,000.00) 13,838.00 330,000.00	105,000.00	500,000.00	748,373.00 (250,000.00) 13,838.00 150,000.00	175,000.00	6,625,443.00 (250,000.00) 13,838.00 330,000.00
Expenditures:											
Feb 2004 - Jan 2005						6,949.19			3,954.44	2,994.75	637.50
Feb 2005 - Jan 2006						10,249.09	637.20		9,611.89		6,949.19
Feb 2006 - Jan 2007						23,486.95	23,486.95				10,249.09
Feb 2007 - Jan 2008						70,413.47	31,590.12			38,823.35	23,486.95
Feb 2008 - Jan 2009						31,868.63	31,868.63				70,413.47
Feb 2009 - Jan 2010						15,005.25	15,005.25				31,868.63
Feb 2010 - Jan 2011						168.00	168.00				15,607.25
Feb 2011 - Jan 2012						21,094.00	3,194.00			17,900.00	49,362.86
Feb 2012 - Jan 2013						6,732.00	1,815.00				92,395.89
Feb 2013 - Jan 2014						59,459.65			4,917.00		84,844.38
Feb 2014 - Jan 2015	5,282.80			5,282.80		137,357.54			24,712.15	34,747.50	134,865.50
Feb 2015-Jan 2016	92,084.01	42,671.88	49,412.13			52,656.50			110,580.19	26,777.35	450,868.52
Feb 2016-Jan 2017	73,793.00	60,564.00	13,229.00						52,656.50		669,214.73
Total Expenditures:	171,159.81	103,235.88	62,641.13	5,282.80		435,440.27	107,765.15		206,432.17	121,242.95	1,640,763.96
Project Balance	(171,159.81)	(103,235.88)	(62,641.13)	(5,282.80)		1,186,770.73	27,234.85	500,000.00	455,778.83	203,757.05	5,328,517.04
											Totals - All Projects
Project Totals By Vendor	Total Proposed & Future CIP Projects (to be Levied)	2017 Main Stem- Cerar Lk Rd to Dupont (2017 CR-M)	2017 Plymouth Creek Restoration (2017 CR-P)	2019 Bryn Mawr Meadows		Other Projects	TMDL Studies	Flood Control Emergency Maint	Flood Control Long- Term Maint	Channel Maint	
Barr Engineering	170,034.81	102,110.88	62,641.13	5,282.80		282,629.26	104,888.70		177,740.56		637,398.28
Kennedy & Graven						2,648.25	1,164.30		1,099.35	384.60	14,032.85
City of Golden Valley						55,287.50				55,287.50	628,163.38
City of Minneapolis						26,747.50				26,747.50	26,747.50
City of Plymouth						38,823.35				38,823.35	114,582.70
City of New Hope											113,484.84
MPCA	1,125.00	1,125.00									1,125.00
Blue Water Science											3,900.00
S E H						3,992.26			3,992.26		3,992.26
Misc						1,712.15	1,712.15				1,712.15
2.5% Admin Transfer											72,025.00
Transfer to General Fund						23,600.00			23,600.00		23,600.00
Total Expenditures	171,159.81	103,235.88	62,641.13	5,282.80		435,440.27	107,765.15		206,432.17	121,242.95	1,640,763.96
											Totals - All Projects
Levy/Grant Details	Total Proposed & Future CIP Projects (to be Levied)	2017 Main Stem- Cerar Lk Rd to Dupont (2017 CR-M)	2017 Plymouth Creek Restoration (2017 CR-P)	2019 Bryn Mawr Meadows		Other Projects	TMDL Studies	Flood Control Emergency Maint	Flood Control Long- Term Maint	Channel Maint	
2009/2010 Levy											
2010/2011 Levy					2010/2011	60,000.00	10,000		25,000	25,000	60,000
2011/2012 Levy					2011/2012	60,000.00	10,000		25,000	25,000	60,000
2012/2013 Levy					2012/2013	60,000.00	10,000		25,000	25,000	1,046,000
2013/2014 Levy					2013/2014	50,000.00			25,000	25,000	945,000
2014/2015 Levy					2014/2015	50,000.00			25,000	25,000	1,050,000
2015-2016 Levy											
Construction Fund Balance					2015/2016	50,000.00			25,000	25,000	753,000
BWSR Grant- BCWMO											400,000
MPCA Grant-CWPGGrant											
DNR Grants-LT Maint					DNR Grant	13,838.00			13,838		
Total Levy/Grants						343,838.00	30,000		163,838	150,000	4,314,000

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 4D – Theodore Wirth Welcome Center Utilities – Golden Valley
BCWMC June 16, 2016 Meeting Agenda
Date: June 8, 2016
Project: 23270051 2016 2067

4D Theodore Wirth Welcome Center Utilities – Golden Valley

Summary:

Proposed Work: Sanitary sewer and watermain construction to serve the new Adventure and Welcome Center in Theodore Wirth Park.

Basis for Commission Review: There will be work within the floodplain to connect to the existing MCES manhole, which is in the floodplain. No permanent fill will be placed.

Impervious Surface Area: No change

Recommendation: Approval

General Background & Comments

The proposed project consists of utility improvements including installation of watermain and sanitary sewer. The proposed sanitary sewer will be installed by directional boring and will cross approximately 7-ft. below the bottom of the Bassett Creek channel. The project is in the Bassett Creek Main Stem subwatershed in Theodore Wirth Park (south of the Plymouth Ave.). The proposed project is part of the Minneapolis Park and Recreation Board's Adventure and Welcome Center project (BCWMC 2016-01) approved administratively by the BCWMC during April, 2016. The proposed utility project includes approximately 1.28 acres of grading due to construction of directional boring pits, removal of manhole structures and installation of the watermain. The project results in no net change of impervious surface.

Floodplain

The floodplain elevation is 826 feet in Theodore Wirth Park at the project location. As noted, most of the sanitary sewer work will be performed by directional boring below the floodplain, minimizing disturbance by trenching or other open cut construction methods. Based on the plans and communications with the applicant, there will be no permanent fill placed within the Bassett Creek floodplain. Some temporary stockpiles may be placed in the floodplain during excavation of the directional boring pits and manhole structures.

Wetlands

The City of Golden Valley is the LGU for administering the Minnesota Wetland Conservation Act of 1991. Wetland impacts are not anticipated.

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 4D – Theodore Wirth Welcome Center Utilities – Golden Valley
Date: June 8, 2016
Page: 2
Project: 23270051 2015 2057

Stormwater Management

Stormwater management issues were addressed during review of the Adventure and Welcome Center project (BCWMC 2016-01).

Water Quality Management

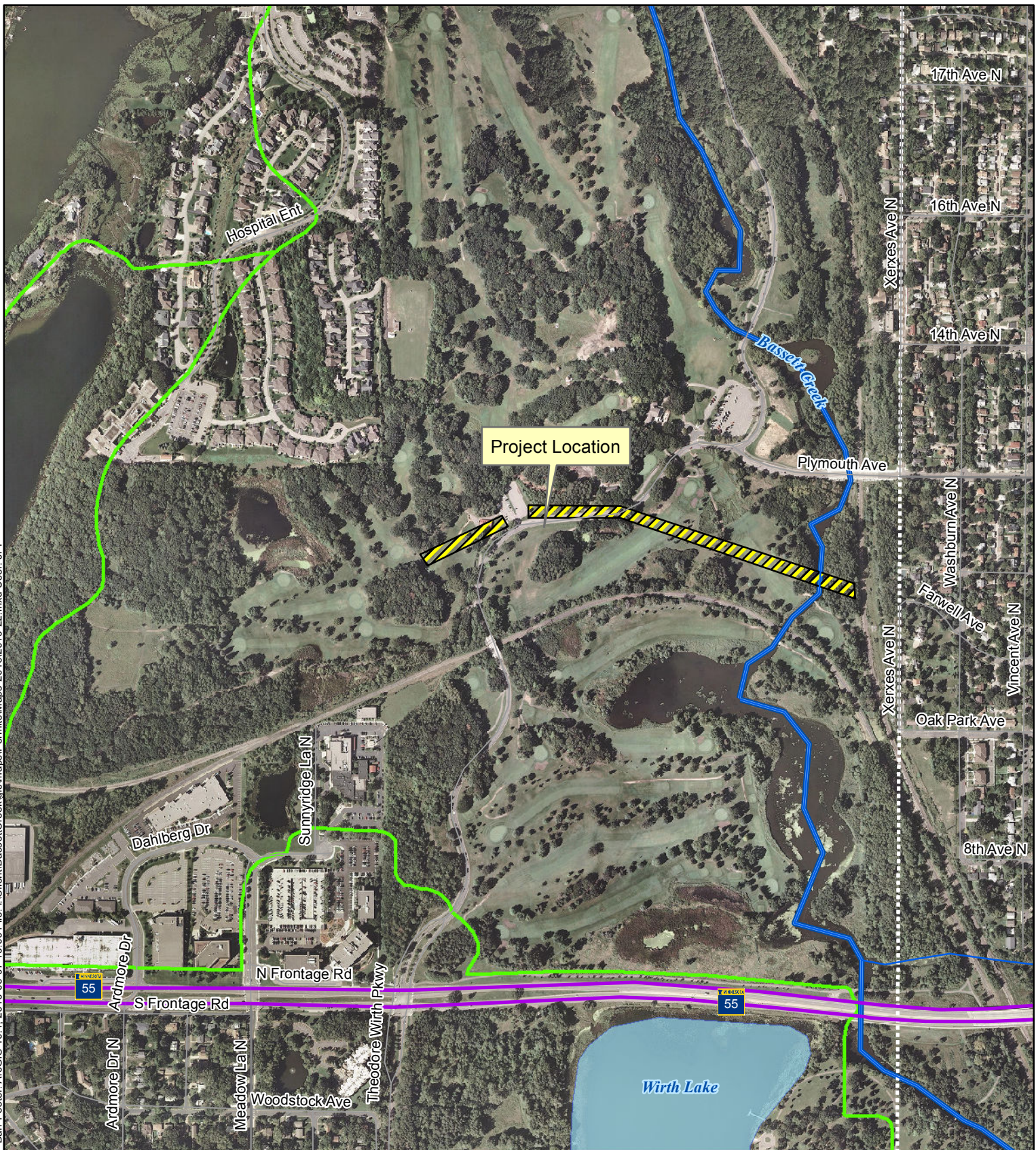
Water quality management issues were addressed during review of the Adventure and Welcome Center project (BCWMC 2016-01).

Erosion and Sediment Control

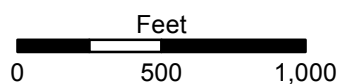
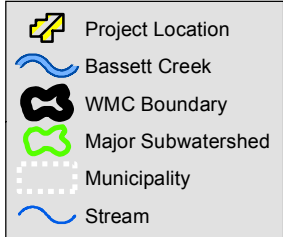
Proposed temporary erosion control features include silt fence, inlet protection, erosion control blankets, rock construction entrances and street sweeping.

Recommendation

Approval



Imagery Source: Aerial Express (2009)



**LOCATION MAP
APPLICATION 2016-22
Theodore Wirth Park
Utility Improvements
Golden Valley, MN**



Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 5A – Consider Conditional Approval of Southwest Light Rail Transit (SWLRT) Project Plans and Extension of Approval Expiration Date
BCWMC June 16, 2016 Meeting Agenda
Date: June 8, 2016
Project: 23270051 2016 2083

5A Consider Conditional Approval of Southwest Light Rail Transit (SWLRT) Project Plans and Extension of Approval Expiration Date – Minneapolis

Summary:

Proposed Work: Construction of a new LRT project along a corridor from Minneapolis to Eden Prairie, including stations, tracks, and park & ride features

Basis for Commission Review: Linear (tracks and stations) construction project disturbing over 5 acres

Impervious Surface Area: Increase in impervious area by approximately 1.1 acres

Recommendation:

- (1) Conditional approval
- (2) Upon final BCWMC approval, extend approval expiration date (of approved plans) through December 2020

General Background & Comments

(Note: As described later in this memo, the Commission approved SWLRT's requested connection to the new Bassett Creek tunnel at their March 17, 2016 meeting. A condition of that approval was that "drawings and supporting information must be submitted to the BCWMC Engineer for separate review as part of the BCWMC project review program.")

The proposed SWLRT project is a 16-mile extension of the Green Line/Central Corridor LRT. The SWLRT drawings and reports submitted to the BCWMC are currently under review by the Federal Transit Authority (FTA) and approval of the Record of Decision (ROD) is anticipated for Q3 2016. Additionally, due to revenue service being projected to begin in 2020, the SWLRT project is requesting the BCWMC extend the review approval through December 31, 2020, longer than the 2 years allowed for with the issuance of a BCWMC approval, per the September 2015 BCWMC Requirements for Improvements and Development Proposals (Requirements) document.

Additionally, due to recent inaction at the State Legislature, funding for the SWLRT project was put on hold and much of the SWLRT project team, including the consultants, are not currently working on the

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 5A – Consider Conditional Approval of Southwest Light Rail Transit (SWLRT) Project Plans and Extension of Approval Expiration Date
Date: June 8, 2016
Page: 2
Project: 23270051 2016 2083

project. As a result, the BCWMC Engineer could not clarify any of our review comments with the project water resources staff prior to development of this review memo.

Approximately two miles of the proposed SWLRT project corridor falls within the boundaries of the Bassett Creek watershed, in the City of Minneapolis. Within the Bassett Creek watershed, the project includes freight rail, light rail, paved trails, associated support facilities, and two stations. The three project segments within the Bassett Creek watershed are Segments E4-1A, E4-1B, and E4-2 (see attached map). The SWLRT project team submitted a separate stormwater management plan for each segment; they also provided project-wide construction plans and Stormwater Pollution Prevention Plan (SWPPP).

The entire project will disturb approximately 485 acres and will increase the imperviousness by 37.9 acres, from 196.1 acres to 234 acres (19.3% increase). For the segments within the Bassett Creek watershed, the following table summarizes the project segment, the general scope of the work, the watershed area, and the existing and proposed imperviousness. In the Bassett Creek watershed, the proposed project would result in a net increase of 1.1 acres in impervious area over existing conditions.

<i>Project Segment</i>	<i>General Scope</i>	<i>Existing Total Watershed Area (ac)</i>	<i>Existing Impervious Area (ac)</i>	<i>Proposed Total Watershed Area (ac)</i>	<i>Proposed Impervious Area (ac) (Change from Existing)</i>
E4-1A	Reconstruction of bike/ped trail, LRT tracks, Bryn Mawr Station and ped bridge, passenger drop off lane, side walk additions and safety improvements at Wayzata Blvd and Penn Ave	58.8	12.2	58.8	14.4 (+2.2)
E4-1B	Construction of rec trails, ped bridge from Luce Line Trail to Bassett Creek Valley (BCV) Station, LRT tracks, BCV station, and passenger drop off lane	37.4	25.3	37.5	23.0 (-2.3)
E4-2	Conversion of existing corridor to a combined parallel freight rail, ped trail, LRT guideway section, Glenwood LRT Bridge, replacement of adjoining Glenwood Ave bridge decks	9.7	3.8	9.6	5.0 (+1.2)

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Floodplain

The project does not involve work in the Bassett Creek 100-year floodplain.

Wetlands

The City of Minneapolis is the LGU for administering the Minnesota Wetland Conservation Act (WCA). According to the application, the SWLRT project within the Bassett Creek watershed will not impact any wetlands. No wetlands were identified within Segment E4-1B or Segment E4-2. Segment E4-1A contains DOT-MPL-11, a PEMC Type 3 shallow marsh that is part of the highway drainage system per the SWLRT project team's 10-02-2014 Wetland Delineation Report. This wetland is a regional MnDOT-owned treatment pond and is located south of the proposed drop-off lane for access to Bryn Mawr Station southeast of Penn Ave. S and I-394. According to the segment E4-1A stormwater management plan, it is the SWLRT project team's understanding that the pond is not subject to WCA regulation because it was created incidentally as part of the I-394 construction in the 1980's. This needs to be confirmed by the City of Minneapolis.

Stormwater Management

The BCWMC Requirements document requires that projects containing more than 1 acre of new or redeveloped impervious area must be managed such that proposed peak flows 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 depths, using the 24-hour nested distribution.

Under existing conditions, the watersheds within Segments E4-1A and E4-1B ultimately drain to Bassett Creek (and the new Bassett Creek tunnel). The existing watersheds within Segment E4-2 are technically within the jurisdiction of the Mississippi Watershed Management Organization (MWMO) and ultimately drain to the old Bassett Creek tunnel; however under proposed conditions, the watersheds within Segment E4-2 will be connected to the new Bassett Creek tunnel (see additional discussion below).

For the proposed stormwater management system within the Segment E4-1A, the following table summarizes the existing and proposed peak discharges from the project area to Bassett Creek:

<i>Storm Event</i>	<i>Existing Peak Discharge (cfs)</i>	<i>Proposed Peak Discharge (cfs)</i>
2-year	21.16	20.20
10-year	47.13	47.54
100-year	115.32	117.52

In this segment, there is a slight increase in the peak discharge from the 10- and 100-year design storm events.

For the proposed stormwater management system for Segment E4-1B, the following table summarizes the existing and proposed peak discharges from the project area to Bassett Creek:

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Storm Event	Existing Peak Discharge (cfs)	Proposed Peak Discharge (cfs)
2-year	19.91	5.07
10-year	32.82	10.36
100-year	68.59	36.69

For the proposed stormwater management system for Segment E4-2, the following table summarizes the existing peak discharge to the old Bassett Creek tunnel and proposed peak discharges to the new Bassett Creek tunnel. *(As part of this project, the SWLRT requested connection of the drainage from the proposed stormwater BMPs in Segment E4-2 to the new Bassett Creek tunnel near Glenwood Avenue. This tunnel connection was evaluated in December 2015-January 2016 and approved by the Commission at their March 17, 2016 meeting.)*

Storm Event	Existing Peak Discharge (cfs) (to Old Bassett Creek Tunnel)	Proposed Peak Discharge (cfs) (to New Bassett Creek Tunnel)
2-year	8.63	8.42
10-year	19.43	19.31
100-year	46.29	42.66

Water Quality Management

Within the Bassett Creek watershed, the SWLRT project is a linear project that will create one acre or greater of new and/or fully reconstructed impervious surfaces. Per the BCWMC Requirements document, the project must capture and retain the larger of 1) 0.55 inches of runoff from the new and fully reconstructed impervious surfaces, or 2) 1.1 inches of runoff from the net increase in impervious area. Per the MIDS design sequence flow chart, the volume reduction techniques considered to “capture and retain” runoff are to include infiltration, rainwater harvesting and reuse, bioretention, permeable pavement, tree boxes, grass swales and/or additional techniques included in the MIDS calculator or the Minnesota Stormwater Manual (i.e., infiltration practices). If the applicant is unable to meet the performance goal due to site restrictions, the Requirements document requires that the applicant use the MIDS flexible treatment options approach, following the MIDS design sequence flow chart.

Under existing conditions, there is limited water quality treatment within the watersheds in the BCMWC that are included with SWLRT project segments E4-1A, E4-1B, and E4-2.

Per the stormwater management plan for segment E4-1A, 0.55 inches of runoff from the new and fully reconstructed impervious surfaces is the larger volume, resulting in a required “capture and retain” (infiltration) volume of 0.356 acre-feet (15,491 cubic feet). Several different BMPs are proposed within segment E4-1A, including three (3) infiltration basins and six (6) filtration basins. Because of extensive areas of contamination and shallow groundwater, infiltration was not possible at many sites. There are also several other BMPs included to provide pretreatment and/or rate control. The following summarizes the estimated filtration and infiltration volumes provided by the BMPs in segment E4-1A:

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<i>BMP Type</i>	<i>Volume Provided (cubic feet)</i>
Infiltration	2,457
Filtration	32,158

Per the stormwater management plan for segment E4-1B, 0.55 inches of runoff from the new and fully reconstructed impervious surfaces is the larger volume, resulting in a required “capture and retain” (infiltration) volume of 0.264 acre-feet (11,497 cubic feet). Several different BMPs are proposed within segment E4-1B including four (4) infiltration basins and four (4) filtration basins. Because of extensive areas of contamination, infiltration was not possible at many sites. The following summarizes the estimated filtration and infiltration volumes provided by the BMPs in segment E4-1B:

<i>BMP Type</i>	<i>Volume Provided (cubic feet)</i>
Infiltration	4,766
Filtration	37,004

Per the stormwater management plan for segment E4-2, 0.55 inches of runoff from the new and fully reconstructed impervious surfaces is the larger volume, resulting in a required “capture and retain” (infiltration) volume of 0.139 acre-feet (6,073 cubic feet). Several different BMPs are proposed within segment E4-2 including two (2) infiltration basins and one (1) filtration basin. Because of contamination, infiltration was not possible at all sites. The following summarizes the estimated filtration and infiltration volumes provided by the BMPs in segment E4-2:

<i>BMP Type</i>	<i>Volume Provided (cubic feet)</i>
Infiltration	5,823
Filtration	2,515

The MIDS calculator was used to evaluate the proposed stormwater BMPs intended to improve water quality and the results were summarized in the storm water management plans submitted for each segment within the Bassett Creek watershed.

For segment E4-1A, because of the lack of space within the right-of-way, extensive contamination, and areas of high groundwater, the project is pursuing Flexible Treatment Option (FTO) Alternative Number 2 in accordance with the MIDS Design Flow Chart. FTO No. 2 includes achieving volume reduction to the maximum extent practical, removing 60 percent annual total phosphorus load, and considering relocation of project elements to address varying soil conditions and other constraints across the site. However, as summarized in the Stormwater Management Plan for Segment E4-1A (April 29, 2016), the proposed stormwater management system in segment E4-1A does not meet MIDS FTO No. 2. The Stormwater Management Plan also indicates that pursuing FTO No. 3, which includes additional offsite mitigation within segments E4-1B and E4-2 (the other segments within the Bassett Creek watershed) is not possible due to contamination in these area.

For segment E4-1B, because of the lack of space within the right-of-way, extensive contamination, and areas of high groundwater, the project is pursuing Flexible Treatment Option (FTO) Alternative Number 2, in accordance with the MIDS Design Flow Chart. FTO No. 2 includes achieving volume reduction to the maximum extent practical, removing 60 percent annual total phosphorus load, and considering relocation

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of project elements to address varying soil conditions and other constraints across the site. As summarized in the Stormwater Management Plan for Segment E4-1B (April 29, 2016), the proposed stormwater management system in segment E4-1A meets MIDS FTO No. 2.

For segment E4-2, because of contamination limiting infiltration in the area, the project is pursuing Flexible Treatment Option (FTO) Alternative Number 2, in accordance with the MIDS Design Flow Chart. FTO No. 2 includes achieving volume reduction to the maximum extent practical, removing 60 percent annual total phosphorus load, and considering relocation of project elements to address varying soil conditions and other constraints across the site. As summarized in the Stormwater Management Plan for Segment E4-2 (April 29, 2016), the proposed stormwater management system in segment E4-2 meets MIDS FTO No. 2.

<i>Segment</i>	<i>Average Annual TSS Removal (%)</i>	<i>Average Annual TP Removal (%)</i>
E4-1A	69	42
E4-1B	88	62
E4-2	76	61

Erosion and Sediment Control

Since the area of land disturbance (for linear projects) is greater than one acre, the proposed project must meet the BCWMC construction erosion and sediment control requirements. Proposed temporary erosion control features include: silt fence, sediment control logs, floating silt fence, rock construction entrances, erosion control blanket, and inlet protection.

Review Process

Section 3.1 (8) of the BCWMC Requirements document states that “application approvals expire two years from the date of approval.” Due to the revenue service being currently projected to begin in 2020, the SWLRT requests that the BCWMC extend the approval through December 2020.

Recommendation

Conditional approval based on the following comments:

1. For segment E4-1A, if the applicant is unable to meet the peak rate control requirement for the 10- and 100-year design storm events, the applicant must request a variance from the BCWMC’s rate control requirements.
2. For segment E4-1A, if the applicant is unable to meet MIDS flexible treatment options, including FTO No. 3 (meeting treatment offsite within the watershed), the applicant must request a variance from the MIDS requirements.
3. To assist in the review of the project, the applicant should provide a single table that expands on the BMP design parameters tables included in the stormwater management plans for each

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segment, including information summarized in several other tables within the documents provided. For example, including the proposed BMP type, assumed infiltration/filtration rate, depth of BMP, if it has been included in the HydroCAD model, and if it is evaluated in the MIDS calculator (if it is intended for water quality treatment). There were several places where the tables in the reports and model summary files conflicted with each other and with the tables and labels within the plan set.

4. For segment E4-1A, the BMPs listed in Table 4 in the stormwater management plan and in Table 11 of the SWPPP document do not appear to match (BMPs appear to be missing between the two tables). Additionally, the BMPs included in the HydroCAD model and the MIDS calculator do not appear to be complete (see comments 3 & 4 below). The applicant must clarify the BMPs included in segment E4-1A.
5. For segment E4-1A, the total area and imperviousness entered in the proposed conditions HydroCAD model do not match the total area and imperviousness as summarized in the stormwater management plan narrative and watershed tables provided. It appears that BMP 724 is not included in the HydroCAD model. The applicant must revise the model or clarify the difference in watershed areas and number of BMPs.
6. For segment E4-1A, the total area and imperviousness included in the MIDS calculator is significantly less than those summarized in the stormwater management plan narrative and watershed tables provided. Additionally, per the stormwater management plan narrative, there are three (3) infiltration basins and six (6) filtration basins in this segment to provide water quality treatment. However the MIDS model inputs include only five (5) BMPs. The applicant must revise the MIDS calculator or clarify the difference in the areas and imperviousness and number of BMPs included in the MIDS calculator.
7. For segment E4-1B, the BMPs listed in Table 5 in the stormwater management plan and in Table 11 of the SWPPP document do not appear to match (there appears to be missing BMPs between the two tables). The applicant must clarify the BMPs included in segment E4-1B.
8. For segment E4-1B, the imperviousness entered in the existing conditions HydroCAD model does not match the imperviousness as summarized in the stormwater management plan narrative and watershed tables provided. The applicant must revise the model or clarify the difference in watershed areas.
9. For segment E4-1B, the total area and imperviousness included in the MIDS calculator is significantly less than those summarized in the stormwater management plan narrative and watershed tables provided. Additionally, per the stormwater management plan narrative, there are four (4) infiltration basins and four (4) filtration basins in this segment to provide water quality treatment. However the MIDS calculator BMP inputs include only inputs for five (5) of the BMPs. The applicant must revise the MIDS calculator or clarify the difference in the areas and imperviousness and BMPs included in the MIDS calculator.

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10. For segment E4-2, the total area and imperviousness included in the MIDS calculator is less than those summarized in the stormwater management plan narrative and watershed tables provided. Additionally, per the stormwater management plan narrative, there are two (2) infiltration basins and one (1) filtration basins in this segment to provide water quality treatment. However in the MIDS model inputs include only two (2) BMPs. The applicant must revise the MIDS calculator or clarify the difference in the areas and imperviousness and number of BMPs included in the MIDS calculator.
11. Review of the Filtration Basin with Liner and Filtration Basin sections on sheet 330 of 663 in Volume 8B indicates that the filtration media is a combination of 70% sand and 30% organic matter meeting the Mix B blend. For the MIDS calculator evaluation of filtration practices, the applicant should use soil mix B for all filtration BMPs, which is a soil amendment used to attenuate phosphorus.
12. Review of the Filtration Basin with Liner and Filtration Basin sections on sheet 330 of 663 in Volume 8B indicates that the thickness of the filter media is 36" but indicates that the media depth will vary depending on the drintile invert elevation. It appears that for many of the filtration basins, 36" of media will be provided between the bottom of the basin and the invert of the drintile. However, there appears to be a conflict between the table summarizing filtration basins with liners on Sheet 330 or 663 of Volume 8B and the labels of the BMP on the drainage plans and profiles of Volume 8B. For example, BMP 711A is listed as a filtration basin with a liner, but on the drainage plans, this BMP is listed as an infiltration basin. The applicant must clarify the types of BMPs as summarized in the tables (for filtration basins, dry basins, and infiltration basins) and as labeled on the plan sheets. The applicant should verify that those filtration practices provide 36" of filter media.
13. Three feet of separation is typically required between the bottom of a filtration or infiltration system and the seasonally high groundwater table. It appears that there are numerous BMPs within the project area that will not meet this requirements. The applicant should demonstrate that their BMPs are appropriate given the site conditions (see suggestion in comment 1 above).
14. The Filtration Basin with Liner, Filtration Basin, Dry Basin with liner, and Infiltration Basin sections on sheet 330 and 331 of 663 in Volume 8B do not show typical side slopes for these BMPs. It is recommended that the maximum side slopes for these practice is 3:1 (h:v). The applicant should include the typical side slopes as proposed for these practices.
15. The Filtration Basin with Liner, Filtration Basin, and Infiltration Basin sections on sheet 330 and 331 of 663 in Volume 8B do not show typical depths for these BMPs. These BMPs must completely draw down within 48 hours. Based on the stormwater management plan narratives, it appears that an infiltration rate of 1.63 inches per hour is being used for filtration practices and a rate of 0.8 or 0.45 inches per hour are used for infiltration basins, depending on the local soil types. The applicant should include the typical depths for the specific practices and ensure that the proposed practices as designed achieve the required drawdown within 48 hours.

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16. Pretreatment should be provided prior to all infiltration and filtration BMPs. This can include filter strips, use of a sump manhole and/or SAFL baffle with a 3' minimum sump. The applicant must verify that pretreatment has been provided prior to all infiltration and filtration BMPs.
17. Based on review of the drainage plans and profiles, it is not clear if emergency overflows at the surface are required at some of the BMPs. If a surface emergency overflow is required from some of these storage areas, the applicant must show the location of these overflow features on the plans and provide a typical section for the proposed emergency overflow.
18. Section 8.2 of the SWPPP document calls out the use of Type 3 Mulch as a temporary stabilization measure. Per the BCWMC requirements document, all temporary or permanent mulch must be applied by mechanical or hydraulic means and stabilized by disc-anchoring or use of hydraulic soil stabilizers. The SWPPP document should be revised to reflect these application and stabilization measures.
19. Inlet protection should be shown on all proposed catch basins or manholes with grates. Confirm that inlet protection is specified where required, including at the following locations:
 - Existing CB on sheet 530 of Volume 8B
 - Existing CB on sheet 535 of Volume 8B (appears that this structure will be removed)
 - Existing CB within limits of disturbance on sheet 536 of Volume 8B
 - Existing CBs just outside limits of disturbance on sheet 536 of Volume 8B
 - Existing CBs on sheet 537 of Volume 8B
 - Existing CBs on sheet 538 of Volume 8B
 - Existing CBs within limits of disturbance on sheet 539 of Volume 8B
 - Existing CB on sheet 540 of Volume 8B
 - Existing CB just outside limits of disturbance on sheet 541 of Volume 8B
 - 69285-CB (Proposed) on sheet 545 of Volume 8B
 - Existing CBs outside limits of disturbance on sheet 549 of Volume 8B
 - Existing CB just outside limits of disturbance on sheet 551 of Volume 8B
20. Confirm that all flared end sections have appropriate energy dissipation, including the following locations:
 - 6761-FES, 6750-FES, 6751-FES on sheet 534 of Volume 8B
 - 6880-FES on sheet 552 of Volume 8B

BCWMC requires that energy dissipation be used at all stormwater outfalls, specifically:

- Outfalls with outlet velocities less than 4 feet per second (fps) that project flows downstream in a direction 30 degrees or less from the normal flow direction generally shall not require energy dissipaters or stilling basins, but may need some riprap protection.
- Energy dissipaters shall be sized to provide an average outlet velocity of no more than 6 fps. If riprap is also used, the average outlet velocity may be increased to 8 fps.

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21. Ensure proper alignment of erosion control blanket; erosion control blanket appears misaligned from basin on sheet 545 of Volume 8B
22. Confirm silt fence is specified where necessary and use appropriate symbology to depict the silt fence, including in the following locations:
 - Northeast basin on sheet 545 of Volume 8B
 - Eastern basin on sheet 552 of Volume 8B
 - Two basins on sheet 534 of Volume 8B
 - Basins on sheet 553 of Volume 8B
 - Basins on sheet 554 of Volume 8B
23. Add the following erosion control notes to the erosion control note plan sheet or SWPPP document:

A temporary vegetative cover must be provided consisting of a suitable, fast-growing, dense grass-seed mix spread at a minimum at the MnDOT-specified rate per acre. If temporary cover is to remain in place beyond the present growing season, two-thirds of the seed mix shall be composed of perennial grasses.
24. For plan sheets including segments E4-1A, E4-1B, and E4-2, there appear to be no construction entrances/exits. The applicant must show the construction entrances/exits on the erosion control plans (if applicable) and provide the construction entrance detail.
25. Revised drawings and supporting information (paper copy and final electronic files) must be provided to the BCWMC Engineer for final review and administrative approval.



**CLOSEOUT OF ASSISTANCE (COA)
HENNEPIN COUNTY BROWNFIELDS GAP FINANCING
PARTICIPATION FORM**

SECTION I. PROPERTY INFORMATION

Name of property/site: Bassett Creek Main Stem

Property address: See attached list of addresses, property owners and PINs

Property identification number(s): 2802924210024, 2802924120024, 2102924430034, 2102924430118, 2102924430096, 2102924430119, 2102924430079, 2802924210006, 2802924210005, 2002924430138, 2002924430129, 2002924430013

Current property owner: See attached list of addresses, property owners and PINs

Current condition: Vacant ☒ Developed (describe below) ☒

The property includes reaches of Bassett Creek that are part of a planned creek erosion repair project, extending from Cedar Lake Road to Dupont Avenue/2nd Avenue N and a reach south of Glenwood Avenue N, adjacent to the historical Fruen Mill site. The parcels adjacent to the creek include both vacant land and developed properties. Developed parcels are occupied by the City of Minneapolis Impound Lot, Pioneer Paper Industries, the former Fruen Mill and the Minneapolis Public School District Transportation Center. Vacant parcels include city-owned land targeted for redevelopment and park land.

Property history:

The properties have had multiple historical uses:

- The Irving Avenue Dump, where unpermitted dumping occurred
- A scrap metal processing industry
- A solvent distributor and recycler
- A coal yard
- Bulk asphalt storage
- Bulk petroleum storage
- Trucking company, junk dealer and recycling/salvage company
- Grain processing and mill operations

Known or suspected contamination sources/types:

Soil and groundwater contamination has resulted from the historical property uses noted above. The following summary is not comprehensive, but provides an example of the documented contamination at the properties. Additional information can be found here: <https://hennepinedat.barr.com/> and in the Phase I and Phase II reports for the project.

Unpermitted dumping, at the Irving Avenue Dump, of industrial waste, demolition debris, building remnants from a chemical fire, and waste of unknown origin, as well as storage of contaminated soil, equipment, auto parts and used batteries previously occurred at the site, resulting in metals, PAH and VOC impacts to soil and groundwater. Solvent releases resulted in chlorinated VOC impacts to soil and groundwater at the Chemical Marketing site. Petroleum impacts have been documented at the Fruen Mill site as a result of a leaking underground storage tank. The school district property has documented fill soil containing ash and slag with metals, PAHs and other chemical impacts. Multiple releases occurred at the former scrap metals processing site resulting in petroleum, chlorinated VOC, metals, PAH, cyanide, and PCB contamination.

Planned use for the property? Is this consistent with your municipality's comprehensive plan?

Yes, the City of Minneapolis and the Bassett Creek Watershed Management Commission plan to keep the current Bassett Creek alignment. The use of the creek repair project area (creek and banks) will remain unchanged and will not alter plans for properties adjacent to the creek.

Has environmental assessment previously been completed at this property? If so, please describe.

Yes, multiple previous investigations have been conducted, including a Phase II investigation in 2016. The Phase II investigation assessed potential environmental impacts in the soils along the creek that may need to be excavated or managed as part of the erosion repair and stabilization project. The investigation identified soils with concentrations of arsenic, lead, mercury, PAHs and tetrachloroethylene exceeding MPCA criteria for unregulated fill. Information from previous environmental assessments can be found here: <https://hennepinedat.barr.com/> and in the Phase I and Phase II reports for the Bassett Creek Main Stem Erosion Repair project, submitted to Hennepin County.

Please state the activities for which you are requesting Brownfield Gap Financing assistance and the estimated cost. Preparation of a Response Action Plan to address the contaminated soils that will need to be managed as part of the creek erosion repair project. The estimated cost is \$14,000.

Is the site enrolled in a MDA or MPCA program (AgVIC, VIC, LUST, Petroleum Brownfields)? YES ☒ NO ☐ Name of program(s): VIC, #VP 33640

Has the property been identified as a state or federal Superfund site? YES ☐ NO ☒

Is the municipality/developer a responsible party for the known or suspected contamination at the property? YES ☐ NO ☒

Applicant: City of Minneapolis

Signature: [Signature] Name: Elizabeth Stout Date: 6/7/16

Project contact person: Elizabeth Stout E-mail: elizabeth.stout@minneapolismn.gov

Phone: 612-673-5284 Fax: NA

Co-Applicant: Bassett Creek Watershed Management Commission

Signature: [Signature] Name: Jim de Lambert Date: 6/3/16
BCCWMC Chair

Project contact person: Laura Jester E-mail: laura.jester@keystonewaters.com

Phone: (952) 270-1990 Fax: NA



**CLOSEOUT OF ASSISTANCE (COA)
HENNEPIN COUNTY BROWNFIELDS GAP FINANCING
PARTICIPATION FORM**

Approved for funding ☐ Denied ☐ Explanation: _____

Signature: _____ Date: _____

John Evans, Chair, Hennepin County Brownfield Gap Financing Oversight Team

**List of Property Owners, Parcel IDs and Addresses
Bassett Creek Main Stem**

PID: 2002924430129
2700 2nd Ave N
Minneapolis, MN 55405
Owner: *Minneapolis Park and
Recreation Board

PID: 2102924430118
105 Fremont Ave N
Minneapolis, MN 55405
Owner: City Of Minneapolis

PID: 2002924430138
303 Thomas Ave N
Minneapolis, MN 55405
Owner: AtGlenwood, LLC

PID: 2102924430119
1001 2nd Ave N
Minneapolis, MN 55405
Owner: Mpls Board Of Edu. Sp Dist 1

PID: 2002924430013
2603 2nd Ave N
Minneapolis, MN 55405
Owner: June Capital, LLC

PID: 2102924430096
1129 2nd Ave N
Minneapolis, MN 55405
Owner: City Of Minneapolis

PID: 2802924210024
10 Cedar Lake Rd N
Minneapolis, MN 55405
Owner: *Minneapolis Park and
Recreation Board

PID: 2102924430079
180 Humboldt Ave N
Minneapolis, MN 55405
Owner: Michael S Minter Trustee

PID: 2802924120024
50 Dupont Ave N
Minneapolis, MN 55405
Owner: City Of Minneapolis

PID: 2802924210006
156 Irving Ave N
Minneapolis, MN 55405
Owner: Pioneer Industries Inc

PID: 2102924430034
101 Fremont Ave N
Owner: City Of Minneapolis

PID: 2802924210005
155 Irving Ave N
Owner: Richard O Hanousek

Source:

<https://gis.hennepin.us/property/map/>
5/25/2016

*"City Of Mpls Park Board" named on county website



Project Name: Bassett Creek Main Stem Stabilization Project Response Action Plan (RAP)
 Client Name: Hennepin County
 Date: 06/06/2016
 Approved by: JLB3

Name (Last, First) Initials Billing Rate Project Role	Fetter, Daniel DJF \$200.00 Principal	Brekken, Jennifer JLB3 \$140.00 Project Manager	/Scientist/Speciali ENGSCISPE_95 \$95.00 Engineer	Support I@90 SPT1_90 \$90.00 Administrative	Technician I@90 TECH1_90 \$90.00 GIS/CAD	Subtotal Hours	Subtotal Labor	Expenses	Project Total	Percentage of Total
Response Action Plan										
Develop and Draft RAP	5	16	30	2	16	69	\$ 7,710.00	\$ 20.00	\$ 7,730.00	55%
Address Stakeholder Comments/Finalize RAP	4	7	4	1	2	18	\$ 2,430.00	\$ 250.00	\$ 2,680.00	19%
Address MPCA Comments	2	5	2		2	11	\$ 1,470.00	\$ 1,000.00	\$ 2,470.00	18%
Project Coordination	1	4		4		9	\$ 1,120.00		\$ 1,120.00	8%
Subtotal	12	32	36	7	20	107	\$12,730.00	\$ 1,270.00	\$ 14,000.00	100%
Project Subtotal	12	32	36	7	20	107	\$12,730.00	\$ 1,270.00	\$ 14,000.00	
Contingency %										
Project Total									\$ 14,000.00	

Assumptions:

Costs include preparation of a RAP, addressing stakeholder comments (BCWMC, City of Minneapolis, County and/or property owners), addressing MPCA comments.
 Assumes environmental response actions developed for up to six sites, as identified in the Feasibility Study for the Bassett Creek Main Stem Erosion Repair Project.
 A construction contingency plan will be included as an attachment to the RAP to address unexpected environmental conditions.
 Project coordination and administrative costs assume the RAP will be submitted to the MPCA by September 16, 2016.
 MPCA fees are included in Addressing MPCA Comments and assume 8 hours of MPCA time at \$125/hour.

Application Guidelines

- Proposals should demonstrate significant, measureable project outputs and outcomes targeted to critical pollution source areas that will help achieve water quality objectives for the water resource of concern; consistent with a watershed management plan that has been state approved and locally adopted or an approved total maximum daily load study (TMDL), Watershed Restoration and Protection Strategy (WRAPS), surface water intake plan, or well head protection plan.
- As appropriate, outputs should include scientifically credible estimates of pollutant reductions expected as a result of the project, as well as other measures such as acres of wetlands/forest, miles of riparian buffer or stream bank restored, acres treated by stormwater BMPs, or acres of specific agricultural conservation practices implemented including acres treated by the installation of the practice. Unrealistic pollution reduction estimates will not be considered.
- Proposals submitted under the Clean Water Fund must request state funds that equal or exceed \$30,000 for Projects and Practices and Accelerated Implementation Grants. The minimum request is \$5,000 for the Community Partners Grants. Applications submitted that do not meet this minimum dollar amount will not be accepted. Actual awards may be less than this minimum when applications receive partial funding.
- Proposals for projects meeting a waste load allocation and located on publicly owned land and exceeding \$750,000 should consult with the [Minnesota Public Facilities Authority](#) before applying for BWSR Clean Water Funds.
- Projects and practices must be of long-lasting public benefit. LGUs must provide assurances that the landowner or land occupier will keep the project in place for the expected life of the project. Such assurances may include easements, enforceable contracts, and termination or performance penalties.
- BMPs must be designed and maintained for a minimum effective life of 10 years.
- Capital Improvement Projects must be designed and maintained for a minimum effective life of 25 years. Capital Improvement Projects may be part of but are not expected or required to be listed in a Capital Improvement Program.
- Effective life is the length of time that a project or practice provides the anticipated environmental benefits for which it was designed and the length of time that it is intended to remain in place. Periodic routine maintenance activities may be required to preserve treatment capacity for the life of the project or practice. Information defining expected life not provided in the application must be defined in the workplan.

Proposals must have plans for long-term maintenance and inspection monitoring for the duration of the project's effective life. Work plans developed for funded applications will rely on this information for operation, maintenance and inspection requirements.

- For projects that are proposing to infiltrate stormwater, the Minnesota Department of Health provides guidance that should be taken into consideration at:
<http://www.health.state.mn.us/divs/eh/water/swp/stormissue.pdf>
<http://www.health.state.mn.us/divs/eh/water/swp/stormwater.pdf>.
- Drinking Water Supply Management Area maps (DWSMA), Wellhead Protection Area map (WHPA), Emergency Response Area maps (ERA), Surface Water Protection Areas, and vulnerability information can be found at: <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>
- Applications will be submitted via eLINK. Eligible applicants without a current eLINK user account must submit a request to establish an eLINK account no later than 7 days prior to the application deadline. As part of the application, eLINK will require applicants to map the location of the proposed project area.

- Proposals may include one image file (.jpg, .tiff, .png) as an application image within eLINK. General attachments will not show up as a part of the application report in eLINK.
- Applications may receive partial funding for the following reasons: 1) an absence of or limited identification of specific project locations, 2) budgeted items that were not discussed in the application or have no connection to the central purpose of the application were included by an applicant; 3) to address budget categories out of balance with the project scope and 4) insufficient funds remaining in a grant category to fully fund a project. Prior to final selection, the Board may engage applicants to resolve questions or to discuss modifications to the project or funding request.
- Proposals from applicants that were previously awarded Clean Water Funds will be considered during the review process for applications submitted in response to this RFP. However, applicants that have expended less than 50% of previous award(s) at the time of this application will need to demonstrate organizational capacity to finalize current projects and complete new projects concurrently.

Applicant Eligibility

- LGUs are eligible to receive grant funds if they are working under a current (as defined in the FY 2016 Clean Water Fund Competitive Grant Policy) water management plan that has been **state approved and locally adopted by October 1, 2015**. Partner organizations such as non-profits, watershed groups, school districts or lake associations must work in conjunction with eligible applicants.
- Any LGU eligible to receive grants may request AgBMP Loan funds; however, successful projects will be awarded the funds under existing AgBMP contracts for their jurisdiction.

Match

All BWSR CWF grants require a minimum non-state match equal to at least 25% of the amount of Clean Water Funds requested and/or received. The match must be cash or in-kind cash value of goods, materials, and services directly attributed to project accomplishments.

Application Deadline and Timeline

No late submissions or incomplete applications will be considered for funding.

- | | |
|---------------------|---|
| • July 6, 2015 | Application period begins |
| • August 28, 2015 | Application deadline at 4:30 PM* |
| • December 16, 2015 | BWSR Board authorizes grant awards (proposed) |
| • January 2016 | BWSR grant agreements sent to recipients |
| • February 19, 2016 | Work plan submittal deadline |
| • March 18, 2016 | Grant execution deadline |

*The application must be submitted by 4:30 PM. Late responses will not be considered. The burden of proving timely receipt is upon the grant applicant.

Eligible Activities

The primary purpose of activities funded with grants associated with the Clean Water Fund is to restore, protect, and enhance water quality. Eligible activities must be consistent with a watershed management plan that has been state approved and locally adopted or an approved total maximum daily load study (TMDL), Watershed Restoration and Protection Strategy (WRAPS), surface water intake plan, or well head protection plan. Local

governments may include programs and projects in their grant application that are derived from an eligible plan of another local government. BWSR may request documentation outlining the cooperation between the local government submitting the grant application and the local government that has adopted the plan. Eligible activities can consist of structural practices and projects, non-structural practices and measures, project support, and grant management and reporting. Technical and engineering assistance necessary to implement these activities are considered essential and are to be included in the total project or practice cost. See FY 2016 Clean Water Fund Policy for more detail.

Project Period

The project period starts when the grant agreement is executed, meaning all required signatures have been obtained. Work that occurs before this date is not eligible for reimbursement with grant funds and cannot be used as match. All grants must be completed by December 31, 2019.

If a project receives federal funds, the period of the grant agreement may be extended to equal the length of time that the federal funds are available subject to limitation. Applicants using federal funds are encouraged to contact BWSR soon after award of funds to ensure the grant agreement can be developed appropriately. AgBMP Loans from the Minnesota Department of Agriculture (MDA) are available upon execution of the respective contract amendment and are available to the LGU in perpetuity or until rescinded in accordance with existing contracts.

Payment Schedule

Grant payments will be distributed in three installments to the grantee. The first payment of 50% of the grant amount will be paid after work plan approval and execution of the grant agreement provided the grant applicant is in compliance with all BWSR website and eLINK reporting requirements for previously awarded BWSR grants. The second payment of 40% of the grant amount will be paid once the grantee has provided BWSR with notification and BWSR has reconciled expenditures of the initial payment. The last 10% will be paid after all final reporting requirements are met, the grantee has provided BWSR with a final financial report, and BWSR has reconciled these expenditures.

MDA AgBMP Loan funds will be disbursed to participating lenders on a cost-incurred basis in accordance with existing contracts.

Permitting

If applicable, successful applicants will be required to provide sufficient documentation that the project expects to receive or has received all necessary federal, state and local permits and meets all water quality rules, including those that apply to the utilization of an existing water body as a water quality treatment device. Applicants are encouraged to contact the appropriate regulatory agencies early in the application development process to ensure potential projects can meet all applicable regulatory requirements.

For information regarding MPCA storm water permitting requirements, please go to:

Construction stormwater permit overview

<http://www.pca.state.mn.us/index.php/view-document.html?gid=7386>

Common Plan of Development

<http://www.pca.state.mn.us/index.php/view-document.html?gid=7396>

Untreated Stormwater Runoff to Lakes, Streams, and Wetlands

<http://www.pca.state.mn.us/index.php/view-document.html?gid=11864>

For specific questions related to NPDES permits or the utilization of a water body for water quality treatment, please contact **Ryan Anderson** at the Minnesota Pollution Control Agency (MPCA) at 651-757-2222.

Native Vegetation

Vegetative practices must follow the Native Vegetation Establishment and Enhancement Guidelines found at http://www.bwsr.state.mn.us/native_vegetation/seeding_guidelines.pdf

Minnesota Session Law 114, Article 4, Section 12 (b) requires that any prairie planting conducted with state funding include pollinator habitat through the growing season. For information regarding pollinators, see information at:

http://www.bwsr.state.mn.us/native_vegetation/Pollinator_Fact_Sheet.pdf

http://www.bwsr.state.mn.us/native_vegetation/Incorporating_Pollinator_Habitat.pdf

Incomplete Applications

Applications that do not comply with all application requirements will not be considered for funding, as provided below.

- Components of the application are incomplete or missing including information on pollution reduction estimates where applicable;
- Any required documentation is missing;
- The match amount does not meet grant requirements; and
- The minimum grant dollar amount is not met.

CWF Project Reporting Requirements

- All grant recipients are required to report on the outcomes, activities, and accomplishments of Clean Water Fund grants. Outputs will serve as surrogates for outcomes and will be reported as estimated pollutant reductions and progress toward goal based on the best available information.
- All BWSR funded projects will be required to develop a work plan and budget, including detail relating to the outcome(s) of the proposed project. All activities will be reported via the eLINK reporting system. Grant funds may be used for local grant management and reporting that are directly related to and necessary for implementing this activity. For more information go to <http://www.bwsr.state.mn.us/outreach/eLINK/index.html>.
- BWSR Clean Water Funds will be administered via a standard grant agreement. BWSR will use grant agreements as contracts for assurance of deliverables and compliance with appropriate statutes, rules and established policies. Willful or negligent disregard of relevant statutes, rules and policies may lead to imposition of financial penalties on the grant recipient.
- When practicable, grant recipients shall prominently display on their website the legacy logo. Grant recipients must display on their website either a link to their project from the Legislative Coordinating Commission Legacy Site(<http://legacy.leg.mn>) or a clean water project summary that includes a description of the grant activities, including expenditure of grant funds and measurable outcomes (<http://www.bwsr.state.mn.us/cleanwaterfund/stories/>).
- When practicable, grant recipients must display a sign with the Legacy Logo at the project site or other public location identifying the project was built with assistance from Clean Water, Land and Legacy Amendment. When practicable, grant recipients must display the Legacy Logo on printed and other media funded with money from the Clean Water Fund. The logo and specifications can be found at <http://www.legacy.leg.mn/legacy-logo>.

- Completed MDA AgBMP Loan projects must be submitted in accordance with established MDA AgBMP procedures and be included in the LGU's annual report to the MDA.

Habitat Restoration Evaluations

All Clean Water Fund restoration projects with habitat restoration benefits may be subject to an evaluation in accordance with Minn. Stat. 114D.50 Subd. 6. Primary goals of the restoration evaluation program are to evaluate the projects relative to the law, current science, and the stated goals and standards in the restoration plan and to improve future habitat restorations by creating a feedback loop from lessons learned in the field.

Grants and Public Information

Under Minnesota Statute 13.599, responses to an RFP are nonpublic until the application deadline is reached. At that time, the name and address of the grantee, and the amount requested becomes public. All other data is nonpublic until the negotiation of the grant agreement with the selected grantee is completed. After the application evaluation process is completed, all data (except trade secret data) becomes public. Data created during the evaluation process is nonpublic until the negotiation of the grant agreement with the selected grantee(s) is completed.

Prevailing Wage

It is the responsibility of the grant recipient or contractor to pay prevailing wages on construction projects to which state prevailing wage laws apply (Minn. Stat. 177.42 – 177.44). All laborers and mechanics employed by grant recipients and subcontractors funded in whole or in part with state funds included in this RFP shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality. Additional information on prevailing wage requirements is available on the Department of Labor and Industry (DOLI) website:

<http://www.dli.mn.gov/LS/PrevWage.asp>. Questions about the application of prevailing wage rates should be directed to DOLI at 651-284-5091.

Conflict of Interest

State Grant Policy 08-01, (see http://www.admin.state.mn.us/ogm_policies_and_statute.html) Conflict of Interest for State Grant-Making, also applies to BWSR grantees. Grantees' conflicts of interest are generally considered organizational conflicts of interest. Organizational conflicts of interest occur when:

1. A grantee is unable or potentially unable to render impartial assistance or advice due to competing duties or loyalties,
2. A grantee's objectivity in carrying out the grant is or might be otherwise impaired due to competing duties or loyalties, or
3. A grantee or potential grantee has an unfair competitive advantage through being furnished unauthorized proprietary information or source selection information that is not available to all competitors.

Minimum Browser Requirements

The applicant must use Microsoft (MS) Internet Explorer 9 and above or Mozilla Firefox.

Questions

This RFP and the 2016 Clean Water Fund Competitive Grants Policy adopted by the BWSR provide the framework for funding and administration of the 2016 Clean Water Fund Competitive Grant Program (www.bwsr.state.mn.us/grants/apply/index.html).

Questions regarding grant applications should be directed to your area Board Conservationist or Clean Water Specialist; a map of work areas and contact information is available at www.bwsr.state.mn.us/contact/BC_areas.pdf. Questions may also be submitted by email to cwfquestions@state.mn.us. Responses will be posted on the BWSR website weekly.

Questions about the MDA AgBMP Loan Program and requesting funds through this application can be answered by calling Dwight Wilcox (651) 201-6618 or emailing AgBMP.Loans@state.mn.us.

Questions about the MPCA Clean Water Partnership Loan Program can be answered by calling Peter Fastner at 651-757-2349.

BWSR Projects and Practices Grants

This grant makes an investment in on-the-ground projects and practices that will protect or restore water quality in lakes, rivers or streams, or will protect groundwater or drinking water. Examples include stormwater practices, agricultural conservation practices, livestock waste management, lakeshore and stream bank stabilization, stream restoration, and SSTS upgrades.

Specific Requirements – Projects and Practices

- Through the Nonpoint Priority Funding Plan, the following three high-level state priorities have been established for Clean Water Fund nonpoint implementation:
 1. Restore those waters that are closest to meeting state water quality standards
 2. Protect those high-quality unimpaired waters at greatest risk of becoming impaired
 3. Restore and protect water resources for public use and public health, including drinking water.
- Proposals must include a measureable goal that the activities are trying to achieve. For projects proposed to help meet a Total Maximum Daily Load, measurable goals need to be quantified as the needed pollution load reduction.
- SSTS project landowners must meet low income thresholds. Applicants are strongly encouraged to use existing income guidelines from U.S. Rural Development as the basis for their definition of low income.
- Feedlot Practices must follow the MN NRCS practice docket, which is found on the NRCS website: http://www.nrcs.usda.gov/wps/portal/nrcs/detail/mn/programs/financial/eqip/?cid=nrcs142p2_023513.

Ineligible Use of Grant Funds – Projects and Practices

Projects or practices that address the following will not be considered:

- Land acquisition or easement payments with the exception of community wastewater systems;
- Stormwater conveyances that collect and move runoff but do not provide water quality treatment;
- Municipal or industrial wastewater treatment or drinking water supply facilities;
- Routine maintenance activities within the effective life of an existing practice;
- Projects with a primary purpose of water quality monitoring or assessment;
- Community wastewater treatment systems serving over 10,000 gallons per day with a soil treatment system; and
- A community wastewater treatment system that discharges treated sewage effluent directly to surface water without land treatment.

Ranking Criteria – Projects and Practices

BWSR staff initially review all applications for eligibility. Eligible applications are further screened and forwarded to an interagency work team (BWSR, MPCA, MDA, MDH and DNR) that will review and rank Projects and Practices applications in order to make a funding recommendation to the BWSR.

Table 2: Projects and Practices Ranking Criteria	
Ranking Criteria	Maximum Points Possible
<u>Project Description:</u> The project description succinctly describes what results the applicant is trying to achieve and how they intend to achieve those results.	5
<u>Prioritization:</u> The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan.	15
<u>Targeting:</u> The proposed project addresses identified critical pollution sources or risks impacting the water resource identified in the application.	25
<u>Measurable Outcomes:</u> The proposed project has a quantifiable reduction in pollution and directly addresses the water quality concern identified in the application.	35
<u>Project Readiness:</u> The application has a set of specific activities that can be implemented soon after grant award.	10
<u>Cost Effectiveness:</u> The application identifies a cost effective solution to address the non-point pollution concern(s).	5
<u>Biennial Budget Request (BBR):</u> A BBR was submitted by the applicant organization in 2014.	5
Total Points Available	100

BWSR Accelerated Implementation Grants

Before on-the-ground clean water projects get implemented, there is the need for pre-project identification, planning and design. This grant invests in building capacity for local governments to accelerate on-the-ground projects that improve or protect water quality and perform above and beyond existing state standards for protecting and restoring water quality. Whether it is conducting inventories of potential pollutant sites, utilizing existing analytical targeting tools, providing technical assistance or increasing citizen interaction, local governments will be better prepared to increase the installation of water quality projects and practices after receiving these grants.

General Requirements – Accelerated Implementation

- Projects and activities for accelerating implementation of projects and practices that supplement or exceeds current state standards for protection, enhancement, and restoration of Minnesota's surface and ground water resources, including compliance and citizen and community outreach.
- Applications must include a strategy to measure the impact of this funding that includes identifying performance measures in a work plan and milestones for implementation.
- Resulting outputs need to be incorporated into the next water management or comprehensive plan amendment/revision or otherwise be incorporated into routine activities resulting in increased water quality protection or accelerated water quality restoration.
- Geographic Information System (GIS) data created with these funds must be made available upon request.

Ineligible Activities – Accelerated Implementation

Projects or practices that address the following will not be considered:

- Updating local water plans,
- Clean Water Partnership Phase 1 diagnostic studies or equivalent,
- Land acquisition or easement payments, and
- Development of prioritization and targeting tools, and
- Mapping of waters identified in MN Statute 103F.48 (public waters, public drainage systems, and local water resources)

Ranking Criteria – Accelerated Implementation

Table 3: Accelerated Implementation Ranking Criteria

Ranking Criteria	Maximum Points Possible
Clarity of project's goals, standards addressed and projected impact on land and water management and enhanced effectiveness of future implementation projects.	40
Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan.	25
Means and measures for assessing the program's impact and capacity to measure project outcomes.	20
Timeline for implementation.	15
Total Points Available	100

BWSR Community Partners Grants

Everyone is responsible for making sure Minnesota's waters are clean. These funds leverage the interest of non-governmental partners such as faith organizations, lake and river associations, boy/girl scout troops, and other civic groups, to install on-the ground projects that reduce runoff and keep water on the land. Examples include but are not limited to: rain gardens and shoreline restorations.

General Requirements – Community Partner Sponsors

- Community partner sponsors include non-profits, citizen groups, businesses, student groups, faith organizations, and neighborhood, lake, river, or homeowner associations.
- Proposals shall indicate the types of structural and vegetative practices proposed for community partner sponsors or the process for soliciting projects that reduce stormwater runoff and retain water on the land. An estimate of outputs (# of projects anticipated) must be included in the grant application.
- The maximum dollar amount an LGU can apply for is \$150,000. The maximum amount per community partner sponsor is \$25,000.

Ineligible Activities – Community Partners

Projects or practices that address the following will not be considered:

- Aquatic invasive species control (curly leaf pondweed, carp control),
- In-lake treatments (alum, iron filings, ferric chloride, barley straw, etc.),
- Educational events such as garbage clean-ups, etc., and
- Project enhancements – i.e., park benches, aesthetic shrubbery/plantings.

Ranking Criteria - Community Partners

Table 4: Community Partners Ranking Criteria	
Ranking Criteria	Maximum Points Possible
Clarity of project goals, projected impact, and involvement with community partners.	40
Relationship to Plan: The proposal is based on priority protection or restoration actions listed in or derived from an approved local water management plan.	30
Plan for assessing the program's impact and capacity to measure project outcomes.	20
LGU capacity to implement the local grant program processes and protocols.	10
Total Points Available	100



Bassett Creek Watershed Management Commission

MEMO

Date: June 8, 2016
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.>)

2017 Plymouth Creek Restoration Project, Annapolis Lane to 2,500 feet Upstream (2017CR-P): The final feasibility study is not available online at <http://www.bassettcreekwmo.org/index.php?cID=284> and will be used to request 2017 levy funds from Hennepin County later this year. In September, the Commission is expected to hold a public hearing on the project, order the project, and enter an agreement with the City of Plymouth to design and construct the project.

2017 Main Stem Bassett Creek Streambank Erosion Repair Project (2017CR-M): (See agenda item 5B.) 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>. Recently, an application was submitted to Hennepin County for funds to complete a Response Action Plan to address contaminated soils in the project area. In September, the Commission is expected to hold a public hearing on the project, order the project, and enter an agreement with the City of Plymouth to design and construct the project.

2013 Four Season Area Water Quality Project (NL-2): No change since November 2015 report. The City of Plymouth has been looking at different options for this area including the original stream restoration, using only rock to stabilize the channel, and a flocculation facility. The City received comments on these options at a public meeting in January. Currently, the City is waiting for the Four Seasons Mall property to redevelop with hopes of building treatment into a redevelopment project.

2014 Schaper Pond Diversion Project, Golden Valley (SL-3): There are no other changes regarding this project since February: The Commission approved 90% plans at their February 2015 meeting. The City's consultant (Barr Engineering) completed contract documents for the project May 21st, the bid advertisement publication date. The city council awarded the contract on July 7th to Sunram Construction. The pre-construction meeting was held July 30th. Mobilization began on November 11 and construction began on November 24. On December 10, the baffle was installed and fully deployed, and the contractor demobilized from the site for the season. This spring the contractor will perform final clean-up and any needed site restoration to ensure turf establishment.

2014 Twin Lake In-lake Alum Treatment, Golden Valley (TW-2): No change since July 2015 report. 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.

City staff reports no complaints or comments from residents since the treatment and also reports consistently clear water since the last actual reading on May 20, 2015.

2015 Main Stem Restoration Project 10th Avenue to Duluth Street, Golden Valley (2015CR): The restoration project is being constructed in two phases, each under separate contract. Phase one includes stream bank shaping, placement of field stone rock and 12-inch bio-logs, and repair of storm sewer outlets. The first phase of the project began in November 2015 and is wrapping up in early June 2016.

Phase two of the project includes the establishment of native vegetation along the stream, including grasses, wildflowers, shrubs, live stakes and fascines, and cordgrass plugs. Phase 2 work has begun and efforts will continue over two additional growing seasons to ensure proper establishment.

On April 5, 2016, the Golden Valley City Council awarded the contract to the lowest responsible bidder, Applied Ecological Services for \$152,182.60, which was under the engineers estimate. It is anticipated that the total contract amount for both Phase one and Phase two will be within the Watershed's overall project budget.

2016 Northwood Lake Improvement Project, New Hope (NL-1): Construction on this project began this spring. Photos and construction progress are available at: <http://www.ci.new-hope.mn.us/departments/publicworks/2016infrastructure.shtml> In their June 1st update, the City of New Hope reports that:

The contractor is currently working on the inside of the underground storm water storage tank. They plan to pour the roof of the tank late next week. The contractor will begin to make storm water drainage improvements inside the park over the next week or two. Curb will be poured soon on Jordan Avenue. Work on curb and driveways should be completed by the end of next week.

2016 Honeywell Pond Expansion Project, Golden Valley (BC-4): At the August meeting, the Commission entered an agreement with the City of Golden Valley to design and construct the project. At the September meeting, the Commission granted conditional approval of the 50% design plans for the project and authorized the City to proceed with final plans and contract documents. 90% design plans were presented and approved at the November Commission meeting. The bid opening for this project (in conjunction with the Douglas Drive Project) was held April 12th. The county will be awarding the contract in a few weeks. The project was within budget and the entire project will be starting in June, including pipe work for the CIP project. Pond expansion will likely occur this winter.

Other Projects

Education Tasks: I continue to participate in the West Metro Water Alliance consortium at their monthly meetings and in subcommittee meetings, as needed. Recently, a subcommittee met to determine future needs and possible activities regarding the "Pledge to Plant" campaign. Also regarding education tasks, I met with and requested a proposal from an independent contractor for development of a presentation library and overhaul of the Commission's display materials. I will set an Education Committee meeting soon to review the proposal. Finally, I have also been working on refining the tour route and coordinating presenters and development of the tour map.

Hennepin County Natural Resources Partnership: I attended the meeting of this group met on April 26th on the new buffer law and Hennepin County's public GIS application.

Records Retention/Management and Data Practices: At the direction of the Administrative Services Committee, I updated the Commission's Records Retention Schedule and asked legal counsel to review and recommend any changes needed. Additionally, a Data Practices Procedure was drafted for the Commission by our legal counsel. The Commission will review these documents at a future meeting. Also, I continue to work on records management including locating all official records, determining what records should be disposed of or sent to the State Archives, how paper records can be digitized, and how and where to store our electronic records. I will be researching and gathering input on different options for records management and storage over the course of the year.

Organizational Efficiencies: At the direction of the Administrative Services Committee I will be drafting an organizational chart and have been discussing practices and procedures with TAC members, Commission staff, and Commissioners to ensure the proper and efficient use of staff's time and to streamline communications where needed.