



## Bassett Creek Watershed Management Commission

### MEMO

Date: July 9, 2018  
From: Laura Jester, Administrator  
To: BCWMC Commissioners  
RE: **Administrator's Report**

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

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

**2019 Medicine Lake Road and Winnetka Avenue Area Long Term Flood Mitigation Plan Implementation Phase I: DeCola Ponds B & C Improvement Project (BC-2, BC-3 & BC-8), Golden Valley:** At their meetings in September and October, the Commission approved a proposal and additional proposed actions (respectively) from the Commission Engineer to complete a feasibility study for this project. Feasibility study field work began in late September. A project kick-off meeting was held October 6<sup>th</sup>, a public open house was held November 9<sup>th</sup>, a meeting with permitting agencies was held December 8<sup>th</sup> and a meeting with Met Council regarding the existing sanitary sewer line was held in late December. Work on various aspects of the feasibility study continued over the winter including establishment of ordinary high-water levels, test trench investigations, use of the XP-SWMM model, and development of 3 concepts for city staff, administrator review and presentation to residents at a public open house on April 11<sup>th</sup>. At its May meeting, the Commission approved Concept 3 and set a maximum 2019 levy. In May, the Minnesota Legislature passed the bonding bill and the MDNR has since committed \$2.3M for the project. The Hennepin County Board will consider and act on the 2019 levy request this month. A BCWMC public hearing on this project will be held during the August 16<sup>th</sup> meeting. Project website: <http://www.bassettcreekwmo.org/index.php?CID=433>

**2020 Bryn Mawr Meadows Water Quality Improvement Project (BC-5), Minneapolis:** At their meeting in September, the Commission approved a proposal from the Commission Engineer to complete a feasibility study for this project. A project kick-off meeting was held on October 23<sup>rd</sup>. A wetland delineation is complete and submitted for approval. Preliminary concepts were developed and discussed with designers for Minneapolis Park and Rec Board. A meeting with permitting agencies was held on January 19<sup>th</sup> and another meeting with MPRB designers was held February 13<sup>th</sup> to review possible concepts. Soil borings were recently completed and a public open house on the MPRB's Bryn Mawr Meadows Park improvement project was held March 8<sup>th</sup> and had about 50 participants. At their meeting in April, the Commission approved a TAC and staff recommendation to move this project from implementation in 2019 to design in 2020 and construction in 2021 to better coincide with the MPRB's planning and implementation of significant improvements and redevelopment Bryn Mawr Meadows Park where the project will be located. A draft feasibility study will be presented at the September 2018 Commission meeting. Project website: <http://www.bassettcreekwmo.org/projects/all-projects/bryn-mawr-meadows-water-quality-improvement-project>

**2019 Westwood Lake Water Quality Improvement Project (WST-2), St. Louis Park (See Item 5B):** At their meeting in September, the Commission approved a proposal from the Commission Engineer to complete a feasibility study for this project. The project will be completed in conjunction with the Westwood Hills Nature Center reconstruction project. A kick-off meeting was held November 21<sup>st</sup>. A wetland delineation was completed and approved. The Commission Engineer has received the architect's survey and building location and soil boring data. Project concepts were recently discussed with the city's architect and city staff and two public open houses were held in February for the Westwood Hills Nature Center reconstruction project. At their meeting in May, the Commission approved Concept 3 (linear water feature) and set a maximum 2019 levy. The 50% designs for this project will be presented at this meeting. The

Hennepin County Board will consider and act on the 2019 levy request this month. A BCWMC public hearing on this project will be held during the August 16<sup>th</sup> meeting. Project website: <http://www.bassettcreekwmo.org/projects/all-projects/westwood-lake-water-quality-improvement-project>

**2018 Bassett Creek Park Pond Phase I Dredging Project: Winnetka Pond, Crystal (BCP-2):** The final feasibility study for this project was approved at the May 2017 meeting and is available on the project page online at <http://www.bassettcreekwmo.org/index.php?cID=403>. At the September 2017 meeting, the Commission held a public hearing on the project and adopted a resolution officially ordering the project, certifying costs to Hennepin County, and entering an agreement with the City of Crystal for design and construction. Hennepin County approved the 2018 final levy request at their meeting in November 2017. The City of Crystal hired Barr Engineering to design the project. At their meeting in April, the Commission approved 50% design plans. A public open house on the project was held May 24<sup>th</sup> where four residents asked questions, provided comments, and expressed support. 90% design plans were approved at the June 2018 meeting. The city will begin developing bidding documents. Construction is expected this winter.

**2017 Plymouth Creek Restoration Project, Annapolis Lane to 2,500 feet Upstream (2017CR-P) (See Item 4D):** All project documents including the feasibility study and 90% design plans are available online at <http://www.bassettcreekwmo.org/index.php?cID=284>. The BCWMC executed agreements with the BWSR for a \$400,000 Clean Water Fund grant and with Hennepin County for a \$50,000 Opportunity Grant and a subgrant agreement with the City was executed. Project design was completed by the city's contractor, Wenck Associates, with 60% and 90% design plans approved by the Commission at the April and August 2017 meetings, respectively. Plymouth City Council awarded a construction contract in early December 2018 and construction got underway on December 11, 2018. Streambank restoration work is complete in all three reaches. Vegetation is currently being established.

**2017 Main Stem Bassett Creek Streambank Erosion Repair Project (2017CR-M) (No change since June):** The feasibility study for this project was approved at the April Commission meeting and the final document is available on the project page at: <http://www.bassettcreekwmo.org/index.php?cID=281>. A Response Action Plan to address contaminated soils in the project area was completed by Barr Engineering with funding from Hennepin County and was reviewed and approved by the MPCA. The Commission was awarded an Environmental Response Fund grant from Hennepin County for \$150,300 and a grant agreement is in the process of being signed by the county. A subgrant agreement with the City will be developed. The City hired Barr Engineering to design and construct the project. Fifty-percent and 90% designs were approved at the August and October Commission meetings, respectively. In September, design plans were presented by Commission and city staff to the Harrison Neighborhood Association's Glenwood Revitalization Team committee and through a public open house on the project. Bidding for construction is complete and a pre-construction meeting was recently held. Construction was to begin this summer but will be delayed until winter/spring 2019 due to the unanticipated need for a field based cultural and historical survey of the project area required by the Army Corps of Engineers and the preference for Pioneer Paper (a significant landowner and access grantor) for a spring/summer construction window.

**2016 Northwood Lake Improvement Project, New Hope (NL-1) (No change since June):** Northwood Lake Improvement Project is nearing completion with all major work complete. The storm water tank was fully operational in June and irrigated the fields all summer. Since it began operating the tank has captured and reused 904,000 gallons of storm water. All raingardens are planted and working well. A grand opening of the park was held last spring. Friends of Northwood Lake disseminated water quality educational materials, including BCWMC materials. A semi-annual grant report was submitted to the MPCA in January. The final piece of the project – an educational sign was designed and fabricated. It will be installed this month and final grant reporting will be completed in July.

**2016 Honeywell Pond Expansion Project, Golden Valley (BC-4) (See Item 5D):** In spring 2016, the Honeywell Pond Project was bid as part of the City of Golden Valley and Hennepin County's Douglas Drive (CSAH 102) Reconstruction Project. The reconstruction project began in June 2016. Excavation of the pond basin is complete and the disturbed soils around the pond were temporarily stabilized. The force main work was recently completed. The lift station and pumps were installed and connected to the Sandburg Athletic. Final stabilization of the pond was completed last fall and the area was seeded with a mix of natives including wetland and upland species. The project is complete and a final report and reimbursement were approved at the June meeting.

**2015 Main Stem Restoration Project 10th Avenue to Duluth Street, Golden Valley (2015CR) (No change since October):** The restoration project is being constructed in two phases, each under separate contract. Phase one included 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 was finished in June 2016. Turf establishment and minor restoration repairs in Phase 1 were accepted in late October 2016. Repairs to some areas where flooding impacted rocks or biologs were completed and accepted in mid-December 2016. Phase 1 of the construction project has entered the warranty period.

Phase 2 of the project includes the establishment of native vegetation along the stream, including grasses, wildflowers, shrubs, live stakes and fascines, and cordgrass plugs. The project has been seeded and stabilized and maintenance mowing and spot treatments have been completed. Applied Ecological Services (AES) installed live stakes and fascines this spring and completed the tree and shrub planting along the restoration project. AES will continue to monitor and maintain the native vegetation through 2018. It is anticipated that the total contract amount for both Phase one and Phase two will be within the Watershed's overall project budget.

**2014 Schaper Pond Diversion Project, Golden Valley (SL-3) (No change since June):** Repairs to the baffle structure were made in 2017 after anchor weights pulled away from the bottom of the pond and some vandalism occurred in 2016. The city continues to monitor the baffle and check the anchors, as needed. Vegetation around the pond was planted in 2016 and a final inspection of the vegetation was completed last fall. Once final vegetation has been completed, erosion control will be pulled and the contract will be closed. The Commission Engineer began the Schaper Pond Effectiveness Monitoring Project last summer and presented results and recommendations at the May 2018 meeting. Additional effectiveness monitoring will be performed this summer.

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

**2013 Four Season Area Water Quality Project/Agora Development (NL-2) (No change since May):** At their meeting in December 2016, the Commission took action to contribute up to \$830,000 of Four Seasons CIP funds for stormwater management at the Agora development on the old Four Seasons Mall location. At their February 2017 meeting the Commission approved an agreement with Rock Hill Management (RHM) and an agreement with the City of Plymouth allowing the developer access to a city-owned parcel to construct a wetland restoration project and to ensure ongoing maintenance of the CIP project components. At the August 2017 meeting, the Commission approved the 90% design plans for the CIP portion of the project. At the April 2018 meeting, Commissioner Prom notified the Commission that RHM recently disbanded its efforts to purchase the property

for redevelopment. I will be writing letters to the RHM and the City of Plymouth to officially cancel the agreements. Staff will work with the City of Plymouth to determine another possible option for treatment in this area.

## **Other Work**

### **CIP Project Work and Technical Assistance**

- Updated CIP webpages
- Drafted agreement with Golden Valley for DeCola Ponds Project; sent to legal for review
- Reviewed draft proposal for feasibility study for Jevne Park Improvement Project

### **Administration and Education**

- Submitted proposed 2019 operating budget to city clerks
- Submitted August 16<sup>th</sup> public hearing notice to city clerks
- Picked up CAMP samples
- Continued to work on scheduling/coordinating Sweeney Lake Aeration Study public meeting, including finding professional facilitator
- Updated administrative calendar and CIP project status table
- Reviewed/commented on Watershed Based Funding materials by Hennepin County for submission to BWSR
- Participated in “client care” meeting with Engineer Chandler
- Continued to work on historic files
- Communicated with WMWA colleagues and sent call for newsletter articles
- Communicated with MnDNR re: FEMA grant reporting spreadsheet
- Developed and submitting invoice to Met Council for Blue Line LRT work