Bassett Creek Watershed Management Commission



2016 Annual Report

Crystal • Golden Valley • Medicine Lake • Minneapolis Minnetonka • New Hope • Plymouth • Robbinsdale • St. Louis Park



Bassett Creek Watershed Management Commission 2016 Annual Report

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Cover photo: Northwood Lake, New Hope

Bassett Creek

Watershed Management Commission

Executive Summary: 2016 Annual Report



2016 Activities & Achievements

The BCWMC worked on the following activities in 2016 in order to fulfill its mission: Stewardship of Water Resources to Protect and Enhance Our Communities.

Major Projects (Capital Improvement Program)

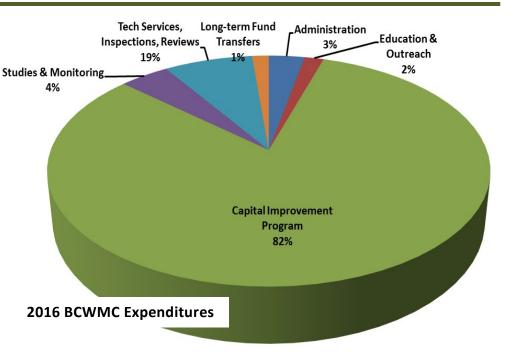
The BCWMC continued to implement its capital improvements program. Information on all BCWMC projects (completed, on-going and proposed) can be found at www.bassettcreekwmo.org.

- NEARLY COMPLETE: The Northwood Lake Improvement Project in New Hope's Northwood Park was constructed in 2016 with finishing touches to be completed in 2017. The project includes an underground 160,000-gallon tank that will capture stormwater runoff so that it can be used to irrigate ballfields. Raingardens and a storm water pond were also constructed. The project was partially funded with city funds, a Clean Water Fund grant and a Clean Water Partnership Grant.
- CLEAN WATER LAND & LEGACY AMENDMENT
- NEARLY COMPLETE: The Honeywell Pond Expansion Project in Golden Valley was constructed to improve
 the pollution removal capacity of the pond, and was constructed in conjunction with the Douglas Drive
 reconstruction project. The project includes a pumping station so storm water can be used for irrigation.
- COMPLETED PHASE I: The Main Stem Restoration Project 10th Ave. to Duluth St. in Golden Valley was largely completed in 2016 with stream bank shaping, placement of field stone rock and 12-inch biologs, and repair of storm sewer outlets. The establishment of vegetation along the streambanks will be completed in 2017 during phase II of the project.
- UNDERWAY: Feasibility studies were completed for the Plymouth Creek Restoration Project (Plymouth) and the Main Stem Erosion Repair Project (Minneapolis). These projects will be designed in 2017. A feasibility study for the Bassett Creek Park Pond Project got underway in 2016.



Budget

In FY 2016, the BCWMC spent approximately \$628,000 on activities and programs and \$2.8 million on capital projects. BCWMC income included \$490,300 from member cities, \$313,270 in State grants, \$50,000 in reimbursements, and \$53,400 in development review fees. Another \$1.222 million was collected through a Hennepin County tax levy on watershed residents for the capital projects. For an itemization or more information on the BCWMC's 2016 expenditures, see the Year End Financial Report in Appendix A or the financial audit online.



Water Monitoring Activities

The BCWMC assessed the health of its lakes and streams through various monitoring activities including:

- Assessed the health of Northwood, Crane, and Medicine Lakes by collecting data on water quality, plankton, and aquatic plants (Appendix B)
- Participated in Metropolitan Council Environmental Services' Citizen-Assisted Monitoring Program (CAMP) for seven lakes
- Performed continuous stream monitoring on Bassett Creek, in cooperation with the Metropolitan Council Environmental Services

Find information about all the major BCWMC lakes & streams at:

www.bassetcreekwmo.org





Education & Outreach Activities

- Partnered with Metro Blooms on the Harrison Neighborhood Project to engage residents, train youth, and install water quality practices in Minneapolis' Near North neighborhood. Received \$100,000 grant from the Met Council for this project which will continue into 2018.
- Assisted with project by photography and environmental students from Blake School of Minneapolis to learn about and develop virtual for four BCWMC projects. Virtual tours are posted on BCWMC project webpages.
- Participated with the West Metro Water Alliance, a consortium of watershed organizations and other partners that collaborate on education programming including programs in 4th grade classrooms, and development and promotion of the "Pledge to Plant" campaign.
- Provided watershed education to the public at the Plymouth Yard/Garden Expo, the Golden Valley Arts and Music Festival, and the Westwood Nature Center restoration event.

- Provided watershed map, native plant seed packets, and dog waste bag dispensers at watershed education events.
- Provided financial support to Metro Watershed Partners for their "Clean Water MN" media campaign, and the Children's Water Festival.
- Provided funding for Commissioner education for conference registrations.
- Developed and fabricated new educational display materials including banners, bean bag toss, and watershed map.
- Provided funding for the Hennepin County's River Watch - a program for high school students to collect benthic invertebrates to determine stream health.
- Hosted a watershed tour with stops at three project sites plus demonstrations of macroinvertebrate collections and winter maintenance equipment.



The Bassett Creek Watershed Management Commission (BCWMC) is governed by a board composed of representatives from each of the nine member cities: Crystal Golden Valley Medicine Lake Minneapolis Minnetonka New Hope Plymouth St. Louis Park and Robbinsdale. Representatives are appointed by their cities and serve

three-year terms.

I. Annual Activity Report

This annual report covers the Bassett Creek Watershed Management Commission's (BCWMC) activities for fiscal year 2016 (February 1, 2016—January 31, 2017). The BCWMC Annual Report was prepared to meet the Annual Reporting Requirements as set forth in Minnesota Rules Chapter 8410.0150, subparts 1, 2, and 3.

A. 2016 Commissioners

Municipality / Term Expiration	Commissioners	Alternates
Crystal February 1, 2018	Guy Mueller, Vice Chair	Vacant
Golden Valley February 1, 2018	Stacy Hoschka, Secretary/Treasurer	Jane McDonald Black
Medicine Lake February 1, 2018	Clint Carlson	Gary Holter
Minneapolis February 1, 2019	Michael Welch	Lisa Goddard
Minnetonka February 1, 2019	Michael Fruen	Jacob Millner
New Hope February 1, 2019	John Elder	Pat Crough
Plymouth February 1, 2017	Ginny Black	David Tobelmann
Robbinsdale February 1, 2017	Wayne Sicora	Mike Scanlan
St. Louis Park February 1, 2017	Jim de Lambert, Chair	Patrick Noon

B. BCWMC Staff and Consultants

Administrator

Laura Jester Keystone Waters LLC 16145 Hillcrest Lane Eden Prairie, MN 55346 952-270-1990 laura.jester@keystonewaters.com

Engineer

Karen Chandler, P.E. Jim Herbert, P.E. Len Kremer, P.E. Barr Engineering Co. 4300 MarketPointe Dr. Minneapolis, MN 55435 952-832-2600 kchandler@barr.com jherbert@barr.com lkremer@barr.com

Attorney

Troy Gilchrist Kennedy & Graven 470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402 612-337-9214 TGilchrist@Kennedy-Graven.com

Bassett Creek Recording Administrator (through August 2016)

Amy Herbert c/o Barr Engineering Company 4300 MarketPointe Dr. Minneapolis, MN 55435 952-832-2652 bcra@barr.com

Deputy Treasurer

Susan Virnig
City of Golden Valley
7800 Golden Valley Road
Golden Valley, MN 55427
763-593-8010
svirnig@ci.golden-valley.mn.us

C. Watershed Management Plan, Mission Statement, Goals

The 2015 Bassett Creek Watershed Management Plan was adopted in September 2015. The annual implementation program (Table 5-4), Capital Improvement Program (Table 5-3), monitoring program (Appendix A of the Plan), and education and outreach program (Appendix B of the Plan) are being implemented and progress is being documented and evaluated. There were no plan amendment requests in

The mission statement of the BCWMC is the stewardship of water resources to protect and enhance our communities.

The BCWMC's goals, as stated in its 2015 Watershed Management Plan, fall under the categories of water quality, flood control, erosion and sediment control, stream restoration, wetland management, groundwater, public ditches, and public involvement and information. The list of nineteen goals can be found in Section 4 of the Watershed Management Plan.

D. 2016 Activities

The BCWMC conducted the following activities in 2016. Work associated with review of development proposals is listed in Section E. Work related to water quality monitoring is addressed in Section F.

1. Capital Improvements Program (CIP)

The BCWMC continued to implement its capital improvements program. The complete 10-year CIP can be found in Table 5-3 in Section 5.0 of the 2015 Watershed Management Plan. Information, photos, related

documents (including final documents of completed projects), and progress on projects can be found at: http://www.bassettcreekwmo.org/projects. In 2016, progress on CIP projects included:

- NEARLY COMPLETE: The Northwood Lake Improvement Project in New Hope's Northwood Park was constructed in 2016 with finishing touches to be completed in 2017. The project includes an underground 160,000-gallon tank that will capture storm water runoff so that it can be used to irrigate ballfields. Raingardens and a storm water pond were also constructed. The project was partially funded with city funds, a Clean Water Fund grant from the MN Board of Water and Soil Resources, and a Clean Water Partnership grant from the MN Pollution Control Agency.
- NEARLY COMPLETE: The Honeywell Pond Expansion Project in Golden Valley was constructed to improve the pollution removal capacity of the existing pond and was constructed in conjunction with the Douglas Drive reconstruction project. The project includes a pumping station so storm water can be used for irrigation.
- COMPLETED PHASE I: The Main Stem Restoration Project 10th Ave. to Duluth St. in Golden Valley was largely completed in 2016 with stream bank shaping, placement of field stone rock and 12-inch bio-logs, and repair of storm sewer outlets. The establishment of vegetation along the streambanks will be completed in 2017 during phase II of the project.
- UNDERWAY: Feasibility studies were completed for the Plymouth Creek Restoration Project (Plymouth) and the Main Stem Erosion Repair Project (Minneapolis). These projects will be designed in 2017. A feasibility study for the Bassett Creek Park Pond Project got underway in 2016.
- ON HOLD Four Seasons Mall Area Water Quality Project in Plymouth: Although project plans were approved in 2013, this project was delayed due to significant concerns from local residents. Alternatives were evaluated in 2014 and 2015. In August and December 2016, a prospective developer of the Four Seasons Mall site approached the BCWMC and presented concepts for partnering on storm water management for the site. The Commission will take action in 2017.

2. Grant Administration

- Submitted project reports for MPCA Clean Water Partnership Grant for the Northwood Lake Improvement Project in New Hope. (2015 Grant)
- Submitted project reports for BWSR Clean Water Fund Grant for the Northwood Lake Improvement Project in New Hope. (2015 Grant)
- Submitted project report for DNR Flood Damage Reduction Grant for XP-SWMM Phase II Project. (2015 Grant)
- Received grant from Met Council for Harrison Neighborhood Project, developed work plan and executed agreement.

3. Annual Report

The BCWMC prepared the 2015 Annual Report as set forth in the Minnesota Rules Chapter 8410.0150. The report was submitted to the Board of Water and Soil Resources and is available online at the Bassett Creek Watershed Management Commission website at http://www.bassettcreekwmo.org/document/annual-report-budget.

4. Citizen Participation

The BCWMC encourages citizen participation, including providing an opportunity at each monthly BCWMC meeting for the Commission to hear citizen-input about agenda and non-agenda items. The

BCWMC posts its meeting calendar, upcoming meeting agendas, meeting materials, and previous meeting minutes on its website (www.bassettcreekwmo.org) to provide citizens an opportunity to attend BCWMC and BCWMC Committee meetings and to monitor BCWMC actions. The BCWMC notified the public and the member cities and held a public hearing on September 15, 2016, regarding the proposed CIP projects: Plymouth Creek Restoration Project and the Main Stem Erosion Repair Project. (See Section H below for further information on public involvement and education.)

5. BCWMC Website and Social Media

In early 2016, the BCWMC launched its new website. The website features easily accessed data and information on the priority lakes and streams and BCWMC Capital Improvement Projects, along with a meeting and event calendar, interactive maps, and a document library. A "latest news" section and "featured project" on the homepage are updated regularly. The BCWMC contracts with HDR, Inc. to host the website and provide technical assistance, as needed. (Appendix D includes website analytics.)

In 2016, the BCWMC contracted with the Lawn Chair Gardener to post weekly information on the BCWMC Facebook page. The BCWMC is working on increasing the number of followers to further disseminate its news, educational messages, and information.

6. Water Quantity

The BCWMC continued its lake- and stream-gauging program. The lake-gauging program consisted of collecting lake-level readings at Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), Northwood Lake and the Theodore Wirth Park storage area (upstream of the Highway 55 control structure). Lake levels were measured twice per month between April and September, and once per month outside this period.

The stream-gauging program consisted of periodically surveying stages or inspecting the creek during periods of high flow. The BCWMC also participated with the Metropolitan Council on the watershed outlet monitoring program (WOMP) designed to continuously monitor flow and water quality.

7. Watershed Inspections

As of the 2014 fiscal year, the BCWMC no longer performs monthly erosion control inspections of construction sites within the watershed. The watershed inspection program includes BCMWC inspection of sites or sending communications to developers, only at the request of the member cities or the Commission. No inspections were requested or performed in 2016.

8. Flood Control Project Inspections

On October 20, 2016, the BCWMC performed its annual Flood Control Project inspection. The conditions of the flood control features were inspected and erosion, settlement, sedimentation, and structural issues were recorded, compiled into a report, and reported to the Commission at its December 15, 2016 meeting. The BCWMC distributed its findings and recommendations to the Minnesota Department of Natural Resources, the Army Corps of Engineers, and staff at the BCWMC member cities.

9. Development of Responsibilities and Funding Mechanisms for Rehabilitation and Replacement of Flood Control Project Features

In 2015, the BCWMC authorized staff to perform a study to determine responsibilities for major rehabilitation and replacement of the Flood Control Project features and establish the associated funding mechanisms as per policy in the 2015 Watershed Management Plan. The BCWMC Technical Advisory Committee reviewed background information and discussed alternatives and Commission Engineer recommendations at two meetings in 2015 and three meetings in 2016. At their May and July 2016 meetings, the Commission took action on a variety of policies regarding the inspections, maintenance, and funding of long term maintenance for the Flood Control Project features. Policies, maps, and background documents will be available online in 2017.

10. XP-SWMM Phase II Project

At their April 16, 2015 meeting, the BCWMC approved the XP-SWMM Phase 2 work, to be phased over BCWMC fiscal years 2015 and 2016. The BCWMC continued to develop the XP-SWMM Phase 2 model during 2016. The work involved updating the watershed-wide XP-SWMM model developed in 2012 by further subdividing the watershed divides, incorporating upstream storage in ponds and wetlands, including the associated storm sewer data, using new soils data, incorporating Atlas 14 precipitation data, adjusting vertical datum's, performing flow monitoring, calibrating the model, and preparing a report. The preliminary results of the BCWMC XP-SWMM Phase 2 modeling were presented to the BCWMC Commissioners in January 2017. This project was partially funded by a Flood Damage Reduction Grant from the MN Department of Natural Resources.

11. Development Proposals

The BCWMC reviewed 44 development proposals in the watershed for conformance to water quality and flooding policies. As a comparison, the BCWMC reviewed 38, 35, 41, 37 and 32 development proposals respectively in 2015, 2014, 2013, 2012 and 2011. See Section E: Project Reviews.

12. Review of Municipal Plans and Adjacent WMO Plans/Plan Amendments

In 2016, the BCWMC did not receive any municipal plans nor adjacent WMO plans/plan amendments for review. The BCWMC received and commented on proposed revised floodplain ordinances for the Cities of Golden Valley and Medicine Lake.

13. Technical Advisory Committee

Technical Advisory Committee meetings are open to the public and the meeting times and dates are posted on the BCWMC's website. The BCWMC directed its Technical Advisory Committee (TAC) to meet six times during the 2016 fiscal year to review and work on the following items:

- Study of the roles, responsibilities, and funding mechanisms for long term maintenance and replacement of BCWMC Flood Control Project
- Develop the 2018 2022 Capital Improvement Program list
- Recommend submissions to BWSR's Biennial Budget Request
- Discuss possible revisions to BCWMC performance standards for linear projects
- Receive and update on P8 model results and uses
- Provide input on a process for use of requests for proposals

Provide input on possible shoreland and habitat monitoring program

14. Resolutions and Policy Manual

The BCWMC passed nine business-related resolutions in 2016 and 2 resolutions of appreciation - to Commissioner Ginny Black and Commission Engineer Len Kremer. Copies of the business-related resolutions are available upon request.

In 2016, the BCWMC Administrative Services Committee worked on refining and updating the BWCMC Policy manual which was adopted by the Commission at their meeting in December 2016. The policy manual covers internal governance policies and external/operational policies. The manual also includes a records retention policy that was adopted by resolution, along with data practices act procedures. The policy manual is available online at:

http://www.bassettcreekwmo.org/application/files/8314/9202/1213/BCWMC_Policies_2016_Revision s.pdf.

15. Impaired Waters and Total Maximum Daily Loads (TMDL) Studies

The following water bodies in the Bassett Creek Watershed are listed in the Minnesota Pollution Control Agency's (MPCA) Draft 2014 "Inventory of Impaired Waters". The inventory includes listings of (1) impaired waters that require the development of a TMDL study, (2) impaired waters that have an approved TMDL study, but are not yet meeting water quality standards, and (3) impaired waters from natural causes that do not require a TMDL study. The inventory is available at the MPCA's Impaired Waters website: http://www.pca.state.mn.us/water/tmdl/tmdl-303dlist.html.

Water Body (Lake/River ID #)	Pollutant or Stressor (Year of Listing)
Bassett Creek from Medicine Lake to Mississippi River (07010206-538)	Fish bioassessments (2004) Fecal coliform (2008) Chloride (2010)
Plymouth Creek from Headwaters to Medicine Lake (07010206-526)	E. coli (2014) Chloride (2014) ²
North Branch Bassett Creek from Northwood Lake to Bassett Creek (07010206-526)	E. coli (2014)
Sweeney Lake (27-0035-01)	Nutrient/Eutrophication Biological indicators (2004)
	Chloride (2014) ²
Wirth Lake (27-0037-00)	Nutrient/Eutrophication Biological indicators (2002) ³ Mercury in fish tissue (1998) ¹
	Chloride (2014) ²
Medicine Lake (27-0104-00)	Nutrient/Eutrophication Biological indicators (2004) Mercury in fish tissue (2004) ¹
Parkers Lake (27-0107-00)	Mercury in fish tissue (1998)
	Chloride (2014) ²
Spring Lake (27-0654-00)	Chloride (2014) ²
Northwood Lake (27-0627-00)	Nutrient/Eutrophication Biological indicators (2004)

¹ The MPCA completed a statewide mercury TMDL that was approved 2007

² MPCA proposed several new impairment listings for chloride in September, 2013. Following responses to comments, these listings remained on the 2014 Proposed Impaired Waters List (updated 4/15/2014).

³ See discussion below for delisting of Wirth Lake for this impairment in 2014

- Bassett Creek Fish Bioassessment Listing—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, the Main Stem of Bassett Creek, from Medicine Lake to the Mississippi River, was listed as impaired for fish (biota). In response to this listing, the MPCA completed fish sampling of the creek in 2008. The MPCA is currently reviewing the existing biota standards/listing criteria. The TMDL will be completed as part of the future watershed-wide TMDL (see "Watershed-wide TMDL").
- Bassett Creek Fecal Coliform Listing and E. coli listings for Plymouth Creek and North Branch, Bassett Creek —In the 2008 Final TMDL List Inventory of all Impaired Waters, Bassett Creek, from Medicine Lake to the Mississippi River, was listed as impaired for fecal coliform. In response to this listing, the BCWMC and the MPCA cooperated in collecting and analyzing E. coli samples of Bassett Creek between July 2008 and June 2010. The samples confirmed the presence of E. coli bacteria. The Bassett Creek watershed is included in the Upper Mississippi River Bacteria TMDL project. Additional data for the Upper Mississippi River E. coli TMDL was collected in 2010 and 2011, and identification of the likely sources of bacteria pollution began in 2011 and continued in 2013. Stakeholder meetings also continued in 2013. The TMDL report incorporated the draft 2014 impaired waters listings for E. coli in Plymouth Creek and North Branch, Bassett Creek, and was approved in 2014. The BCWMC provided a comment letter on the TMDL study in May, 2014, reviewed the TMDL Implementation Plan in 2015, and attended the June 25, 2015 TAC meeting to discuss the plan with MPCA staff. The final TMDL Implementation Plan was approved by the MPCA in February, 2016. The Upper Mississippi River E. coli TMDL project website maintained by the MPCA is at https://www.pca.state.mn.us/water/tmdl/upper-mississippi-river-bacteria-tmdl-project.
- Sweeney Lake TMDL Study—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, Sweeney Lake was listed as impaired due to excess nutrients (phosphorus). The TMDL was approved on August 10, 2011.
- Wirth Lake TMDL Study—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired Waters, Wirth Lake was listed as impaired due to excess nutrients (phosphorus in amounts greater than the state's goal of 40 micrograms per liter). The Wirth Lake TMDL and implementation plan were approved October 25, 2010. The implementation plan identified one project—modifying the Wirth Lake outlet structure to prevent flow from Bassett Creek to Wirth Lake during flood periods—to achieve the annual load reductions prescribed in the TMDL. The Wirth Lake Outlet Modification Project is estimated to reduce phosphorus loading to the lake by an average of 55 pounds per year. The project was substantially completed in November 2012. A detailed comparison of the lake water quality during the past ten years with MPCA's eutrophication standards revealed that Wirth Lake was no longer impaired for excess nutrients. A request for recategorization was submitted to MPCA in October, 2013. In December, 2013 the BCWMC submitted a technical memorandum to MPCA requesting delisting of Wirth Lake for nutrient/eutrophication biological indicators. The memo provided a detailed water quality evaluation for MPCA consideration during the formal comment period for development of the draft 2014 impaired waters list. MPCA responded to the delisting request by removing Wirth Lake from the Impaired Waters list in July, 2014.
- Medicine Lake TMDL Study—In the Final EPA-Approved MPCA 2004 CWA 303(d) List of Impaired
 Waters, Medicine Lake was listed as impaired due to excess nutrients (phosphorus). The TMDL and
 implementation plan were approved on February 8, 2011.

- Watershed-wide TMDL —In 2011, the MPCA indicated that funding for a watershed-wide TMDL for the Bassett Creek watershed would be available in 2020 or later. The watershed-wide TMDL would cover the current Bassett Creek and Northwood Lake impairments, along with any future listings between now and 2020.
- Twin Cities Metro Area (TCMA) Chloride Project —In the 2014 Draft TMDL List Inventory of all Impaired Waters, MPCA proposed several new impairment listings for chloride in September, 2013. Following responses to comments from BCWMC, five listings (tabulated above) remained on the 2014 Proposed Impaired Waters List (updated 4/15/2014). Based on the available monitoring data for chloride, three BCWMC water bodies—Northeast drainage to Medicine Lake, the Rockford Road drainage to Medicine Lake and Medicine Lake, were placed in a category of high risk waters, which can be viewed as a watch list for future changes. The MPCA recently finalized the TCMA Chloride Management Plan that is intended to balance the public safety needs for deicing with attainment of the chronic and acute water quality standards for chloride. The BCWMC provided comments on the draft TMDL Report and Chloride Management Plan in August 2015. The management plan will include a performance-based approach for meeting chloride TMDLs and is also intended to protect water bodies with water quality that is currently better than the standard. A winter maintenance assessment tool has recently been developed to support TMDL implementation efforts. The Chloride TMDL and road salt/water quality project website maintained by the MPCA is at https://www.pca.state.mn.us/water/road-salt-and-water-quality.
- TMDL Implementation Reporting Although the BCWMC is not a MS4, the Wirth Lake, Medicine Lake, and Sweeney Lake TMDLs assigned the BCWMC a role in the implementation of the TMDLs. For example, the Medicine Lake TMDL calls for the BCWMC to serve as the "convener of action for the categorical TMDL, but not as a responsible entity." The BCWMC's interpretation of this role is that the BCWMC should track implementation of the TMDLs, which would likely include the following tasks:
 - Reporting on TMDL implementation activities to the MPCA. TMDL progress reports will be due one year after the MPCA issues the new MS4 permit. However, the new MS4 permit was not issued in 2012, so the BCWMC did not develop the implementation reports. The new MS4 permit became effective on August 1, 2013, which means the TMDL progress reports will be due each year after that, in June.
 - Estimating and reporting progress towards achieving the assigned wasteload allocations.
 The BCWMC's watershed P8 model, originally completed in 2013 and updated annually, is an essential tool for estimating reductions in phosphorus loading.
 - Monitoring lake water quality on an annual basis. See Section G "2015 Water Quality Monitoring Data and Studies" regarding monitoring of these lakes in 2015.

E. BCWMC Project Reviews

The following table, *Proposed projects reviewed by BCWMC in fiscal year 2016* includes development proposals, Wetland Conservation Act, and other plans that were submitted to the BCWMC for review. The list does not include review of capital improvement projects and preliminary review of the Blue Line and Southwest LRT projects.

Proposed Projects Reviewed by BCWMC in FY 2016 ¹

Appl Form	Project Name	Date	City	Туре
2045 44		Submitted	511/	5 11: 4
2015-14	Plymouth Ice Ctr./Life Time Parking Lot Expansion	5/28/2015	PLY	Public Agency
2015-33	TH 169 Drainage Imp (SP 2772-111)	11/13/2015	PLY	Street/Public Agency
2015-34	Waterford Innovation Center	10/15/2015	PLY	Commercial
2015-36	10th Ave-UP Rail Culvert Repairs (prelim)	1/22/2016	GV	Street/Public Agency
2016-01	Theo. Wirth Adventure and Welcome Ctr	2/1/2016	GV	Public Agency
2016-01A	Theo. Wirth Golf Course	2/1/2016	GV	Public Agency
2016-02	2016 Northwood Lake Improvements	2/2/2016	NH	Public Agency
2016-03	2016 Northwood South Area Infrastructure	2/2/2016	NH	Public Agency
2016-04	Three Rivers PD BC Regional Trail	2/5/2016	NH	Public Agency
2016-05	Arlington Row East Apts	2/22/2016	SLP	Multi-residential
2016-06	GV 2016 PMP STH 169-Plymouth Ave	2/25/2016	GV	Street/Public Agency
2016-07	Gardendale Development	3/1/2016	CRY	Single Family Development
	Blue Line LRT	3/24/2016	ROB/GV MPLS	WCA LGU
2016-08	Morries Lincoln of SLP (see 2014-19)	3/28/2016	SLP	Commercial
2016-09	Four Seasons Mall Demo	3/31/2016	PLY	Commercial
2016-10	Old Rockford Rd Overlay & Trail	4/11/2016	PLY	Public Agency
2016-11	Armstrong HS Baseball Field Imp.	4/13/2016	PLY	Institutional
2016-12	Pilgrim Lane Elementary Additions	4/13/2016	PLY	Institutional
2016-13	Little Newtons Addition	4/29/2016	PLY	Commercial
2016-14	Mortenson Hdqrts Addition	4/29/2016	GV	Commercial
2016-15A	SP 2772-104 TH 169 16th St/Ramp Closure	5/2/2016	SLP	Street/Public Agency
2016-15B	SP 2772-105 TH 169 Pavement Project	5/2/2016	SLP/Ply GV/Mtka	Street/Public Agency
2016-16	1143 S Shore Dr - Med Lk WCA	4/12/2016	ML	WCA LGU
2016-17	SWLRT Minneapolis	5/3/2016	MPLS	Street/Public Agency
2016-18	Beacon Academy	5/6/2016	CRY	Commercial
2016-19	Ply PW Campus Facility Add	5/20/2016	PLY	Public Agency
2016-20	Cherrywood Pointe	5/23/2016	MTKA	Multi-residential
2016-21	Tennant Co. Dock/Plaza - HOLD	5/24/2016	GV	Commercial
2016-22	Theo Wirth Utility Improvements	5/27/2016	GV	Linear
2016-23	Daugherty 2860 Evergreen Ln	6/23/2016	PLY	Single Family
2016-24	Luther Support Center	6/24/2016	GV	Commercial
2016-25	10715 S Shore Dr-Med Lake WCA	7/5/2016	ML	WCA LGU
2016-25	Hutton House (10715 S Shore Dr)	8/10/2016	ML	Commercial
2016-26	226 Peninsula Road - WCA	7/28/2016	ML	WCA LGU
2016-26	226 Peninsula Road	10/27/2016	ML	Single Family

¹ Projects in bold were presented at a BCWMC meeting for review and comment.

Appl Form	Project Name	Date	City	Туре
		Submitted		
2016-27	Brookview Community Ctr	7/29/2016	GV	Public Agency
2016-28	Liberty Crossing Flood Mitigation	8/2/2016	GV	Public Agency/
				Commercial
2016-29	@glenwood Campus	8/19/2016	MPLS	Commercial
2016-30	Fretham 24 Second Add (Lots 1-3)-	8/18/2016	PLY	Single Family Lots
2016-31	GV Tank Mound Project	8/26/2016	GV	Commercial
2016-32	CSAH 24 Reconstruction Project	1/27/2017	PLY	Street/Public Agency
2016-33	Twin City Outdoor Services	9/28/2016	PLY	Commercial
2016-34	Ridgedale Corner Shoppes	10/4/2016	MKTA	Commercial
2016-35	Mpls Marriott West	10/13/2016	SLP	Commercial
2016-36	Berger Financial Group Addition	10/14/2016	PLY	Commercial
2016-37	Crest Ridge Senior Housing	12/23/2016	MTKA	Multi-residential
2016-38	Northwood N. Infrastructure Imp	1/3/2017	NH	Street/Public Agency
2016-39	French Regional Park Pavement	1/13/2017	PLY	Street/Public Agency

¹Projects in **bold** were presented for BCWMC review and comment at a BCWMC meeting.

F. Water Quality Monitoring Data and Studies

The following water quality monitoring and water quality studies were performed in 2016:

- Citizens Assisted Lake Monitoring Program (CAMP) The BCWMC participated with the Metropolitan Council Environmental Services (MCES) in its citizen-assisted lake-monitoring program (CAMP). In 2016, citizen volunteers monitored the following lakes: Twin Lake and Sweeney Lake in Golden Valley, Northwood Lake in New Hope, two sites on Medicine Lake in Medicine Lake and Plymouth, Parkers Lake and Lost Lake in Plymouth, and Westwood Lake in St. Louis Park. Reports that include CAMP monitoring results can be found on the Met Council website at: https://metrocouncil.org/Wastewater-Water/Services/Water-Quality-Management/Lake-Monitoring-Analysis.aspx?source=child
- Detailed stream monitoring at Bassett Creek WOMP station—Stream monitoring was
 performed in cooperation with the Metropolitan Council Environmental Services (MCES) as
 part of the stream monitoring and watershed outlet monitoring program (WOMP). The
 BCWMC contracts with Wenck & Associates to perform monitoring activities at this station.
 http://www.metrocouncil.org/Wastewater-Water/Services/Water-Quality-Wanagement/Stream-Monitoring-Assessment.aspx?source=child
- Routine Lake Monitoring—In 2016, the BCWMC monitored the water quality of Northwood Lake in New Hope, Medicine Lake in Plymouth, and Crane Lake in Minnetonka. Water samples were collected from the deepest location in each lake on six occasions from April through September 2016 and analyzed in the laboratory for total phosphorus, soluble reactive phosphorus, total nitrogen, and chlorophyll a. Dissolved oxygen, temperature, specific conductance, pH, oxidation reduction potential (ORP), Secchi disc transparency (Secchi depth), and turbidity were measured in the field. On five occasions from June through September, water samples were collected and analyzed for phytoplankton (algae) and zooplankton (microscopic crustaceans). An aquatic plant survey was also performed on two occasions, in June and August.

Reports for each lake are included in Appendix B and are available on the BCWMC website.

- Stormwater flow monitoring and in-stream water quality monitoring in the watersheds of Parkers Lake (two sites), Medicine Lake (two on Plymouth Creek, one on Wood Creek and one other site), and Northwood Lake (one site) was performed on behalf of the City of Plymouth by the Three Rivers Park District (TRPD). The 2015 results are included in a report by TRPD and available at the City of Plymouth's website at: http://www.plymouthmn.gov/index.aspx?page=258.
- River Watch Program—The BCWMC continues to support the Hennepin County
 Environmental Services' River Watch Program. The program began in 1995 and uses student
 volunteers to conduct biological monitoring as a means of monitoring water quality. The
 grading scale used in River Watch takes into account three major biotic indices used
 routinely in biological monitoring programs including the Family Biotic Index, EPT
 (Ephemeroptera, Plecoptera, and Trichoptera), and the number of families.

Students have been monitoring Bassett Creek since 1999. There were four River Watch sites in the Bassett Creek watershed in 2016. The *Hennepin County River Watch Report 2016* is available on the Hennepin County website at http://www.hennepin.us/business/work-with-henn-co/riverwatch.

G. Local Plan Adoption

The following table shows the status of the surface water management plan preparation for each municipality.

Municipality	Local Plan Status	Comments
Crystal	Completed	Local plan was approved by the BCWMC in January 2010. Resolution 10-02.
Golden Valley	Completed	Revised plan was approved by the BCWMC in September 2008. Resolution 08-06.
Medicine Lake	Completed	Local plan was approved by the BCWMC in January 2010. Resolution 10-05.
Minneapolis	Completed	Local plan was approved by the BCWMC in September 2006. Resolution 2006-04.
Minnetonka	Completed	Revised local plan was approved by the BCWMC in September 2008. Resolution 08-05.
New Hope	Completed	Revised plan was approved by the BCWMC in October 2008. Resolution 08-08.
Plymouth	Completed	Local plan conditionally approved by the BCWMC in February 1999. Resolution 99-3. Revised plan was approved by the BCWMC in November 2008. Resolution 08-09.
Robbinsdale	Completed	Local plan was approved by the BCWMC in October 1996; reconfirmed in April 1997. Resolution 97-5. Local plan was reviewed as part of the city's comprehensive plan review in 2008. Revised plan was submitted to the BCWMC for review in December 2009. Resolution 10-04.
St. Louis Park	Completed	Revised plan was approved by the BCWMC in September 2009. Resolution 09-06.

H. Watershed Communication/Public Education

In accordance with Minnesota Rules, Chapter 8410.0100, Subpart 4, the BCWMC utilized the following information sources for providing information to the general public:

• Improvements and Development Requirements—The document Requirements for Improvements and Development Proposals, prepared by the BCWMC (updated in 2015), is posted for use and reference on the BCWMC's website at http://www.bassettcreekwmo.org/developer.

- **Website**—The BCWMC launched a new user-friendly website in 2016 and maintained the information including latest news, contact list, meeting calendar, meeting materials, watershed plan, data, and projects. In 2016, there were approximately 191,978 visits, or 525 per day. A copy of the website Usage Report from January 1, 2016, through December 31, 2016, is included in the appendices.
- BCWMC Meeting Packet— Each month in 2016 the BCWMC posted electronic meeting
 packets on its website and e-mailed the link to approximately 40 parties. Additionally, each
 month the BCWMC mailed a hard copy of meeting packet to approximately 12 interested
 parties. The packets included the BCWMC meeting agenda, meeting minutes, and meeting
 materials about the issues on the monthly meeting agenda.
- **Publications**—The Commission published its public hearing notice in a variety of Twin Cities metro-area publications including *Finance & Commerce*, and the *Sun Sailor*.
- West Metro Water Alliance (WMWA) The BCWMC continued its participation in WMWA along with several watershed management and other water-related organizations in the west Metro area. Through WMWA, these organizations collaborated on educational campaigns including the Watershed PREP program aimed at educating 4th grade students about water resources and the impacts of stormwater. WMWA also contracted with Metro Blooms to develop a campaign aimed at engaging residents and businesses in converting turf or hard surfaces to native plantings called "Pledge to Plant 10,000 Plantings by 2025." http://www.westmetrowateralliance.org/.
- Metro WaterShed Partners—The BCWMC participated as a member of the Metro WaterShed Partners as a general supporter of the program and also as a supporter of the Metro Clean Water Minnesota Media Campaign. Metro Watershed Partners maintains a listserve and a website as forums for information sharing, holds monthly meetings for members to collaborate, and displays an exhibit at the State Fair to educate the public about watersheds. The Clean Water Minnesota Media Campaign is a stormwater education collaboration that develops and delivers stormwater educational materials to a broad audience through television, radio, and billboard campaigns as well as through its website www.cleanwatermn.org.
- Participation in Community Events and Meetings In 2016, the BCWMC participated in the Plymouth Home Expo with an information booth and display. Water-related education materials and information was disseminated by watershed Commissioners during the two-day event. Also in 2016, the BCWMC participated in the Golden Valley Arts and Music Festival by manning an information booth and display where materials and maps were disseminated and participated in the Westwood Nature Center restoration event with Great River Greening where Commissioners gave a brief overview of the BCWMC and provided other educational materials and information.
- Blake School of Minneapolis Project In 2016, The Blake School approached the BCWMC with a request for assistance on a project by photography and environmental students to learn about and photograph BCWMC projects. BCWMC staff and city staff provided information and logistical support for a fieldtrip to four BCWMC CIP projects and posted the students' final product of virtual tours on the BCWMC project webpages.

- Harrison Neighborhood Project In 2016, the BCWMC continued its partnership and support of Metro Blooms' Harrison Neighborhood Project. The project aims to engage residents, train youth, and install water quality practices in Minneapolis' Near North neighborhood. The BCWMC received a \$100,000 grant from the Met Council for this project on behalf of Metro Blooms in 2016 and was awarded a Clean Water Fund grant from the MN Board of Water and Soil Resources that will be executed in 2017.
- Watershed Tour In 2016, the BCWMC hosted a tour for Commissioners, local elected and appointed officials, and others. The tour included stops at three project sites plus demonstrations of macroinvertebrate collections and winter maintenance equipment.
- Educational Display Materials In 2016, the BCWMC consulted with the Lawn Chair Gardener to develop new educational display materials including a free standing watershed map, banners, and a bean bag toss game.
- Additional Educational Activities and Organizations In addition to the above-mentioned programs, the BCWMC financially sponsored Metro Blooms and the Children's Water Festival, and reimbursed registration costs to Commissioners to attend the Road Salt Symposium, Clean Water Summit, and Minnesota Association a Watershed District's Annual meeting.

I. Professional Services Proposal

The BCWMC solicited letters of interest for legal and engineering/technical consulting services in December 2016. The BCWMC received one proposal from a legal firm and four proposals from engineering firms. The BCWMC did not take action changing its legal firm from Kennedy Graven nor its engineering consultant from Barr Engineering. As per MN State Statute, the BWCMC will solicit proposals again in 2018.

J. Assessment of Changes in Fund Balance

A discussion of the fund balance is included in the BCWMC's annual financial audit report. A copy of the annual audit report is available on the BCWMC website at: http://www.bassettcreekwmo.org/document/annual-report-budget.

K. Wetland Conservation Act

1991 Wetland Conservation Act—The interim program of the 1991 Wetland Conservation Act was effective through December 31, 1993. On January 1, 1994, the permanent program of the 1991 Wetland Conservation Act became effective. Each municipality was required to designate the local government unit (LGU) responsible for administrating the interim program and the permanent program of the 1991 Wetland Conservation Act. The following table indicates the LGU for each municipality.

Municipality	Permanent Program (Effective 1/1/94)
Crystal	Crystal
Golden Valley	Golden Valley
Medicine Lake	BCWMC
Minneapolis	Minneapolis
Minnetonka	Minnetonka
New Hope	New Hope
Plymouth	Plymouth
Robbinsdale	BCWMC
St. Louis Park	BCWMC

BCWMC = Bassett Creek Watershed Management Commission

In 2016, the BCWMC submitted to BWSR its WCA annual reporting form covering all 2016 WCA-related activities within the municipalities for which BCWMC is the LGU. The other municipalities were responsible for submitting the annual reporting form to BWSR for their respective municipality.

Wetland Mitigation Policy—The BCWMC's wetland management policies specify a preference for wetland mitigation to be performed within the same subwatershed as the impacted wetland.

Resolution—In 2016, the BCWMC adopted a resolution delegating WCA decision making authority to staff for exemptions, no-loss, and wetland boundary and type applications. This resolution was submitted to BWSR on March 1, 2016.

II. 2017 Projected Work Plan

- **A. Capital Improvements Program (CIP)**—The BCWMC will continue to implement its capital improvements program. In 2017, this work will include:
 - 1. **Capital Improvement Program and Prioritization**—The BCWMC will review and update its 5-year capital improvement program, will request a minor plan amendment to make changes to the CIP, and will work to improve the process of project prioritization.

2. Progress on CIP projects:

- Continue vegetation management for Schaper Pond Diversion Project and monitor the effectiveness of the project (SL-3) in Golden Valley.
- Seek alternatives for the Lakeview Park Pond Project (ML-8) in Golden Valley.
- Execute agreements with the City of Plymouth and Rock Hill Management to implement innovative storm water management features on the redevelopment site (Agora) and implement a wetland restoration project on the city-owned parcel to the south. These projects will improve the quality of Northwood Lake and the North Branch of Bassett Creek.
- Establish and maintain vegetation along the Main Stem Bassett Creek Restoration Project in Golden Valley (CR2015) 10th Avenue to Duluth St.
- Finalize construction and establish vegetation along the Honeywell Pond Expansion Project (BC-4) in Golden Valley.
- Finalize construction of the Northwood Lake Water Quality Improvement Project (NL-1) in New Hope.
- Assess the condition of Twin Lake and determine the possible need for a second dose of alum (Golden Valley) (TW-2)
- Finalize construction designs for Plymouth Creek Restoration Project (CR2017-P) in Plymouth from Annapolis Lane extending 2,500 feet upstream and begin construction in winter 2017-2018.
- Finalize construction designs for Main Stem Channel Restoration Project (CR2017-M) in Minneapolis from Cedar Lake Road to Irving Ave.
- Finalize feasibility study and order Bassett Creek Park Pond Dredging Project, Phase I (BCP-2) in Crystal.

3. Begin feasibility studies for the following BCWMC 2019 CIP projects:

 Medicine Lake Rd and Winnetka Ave Long Term Flood Mitigation Plan Project (BC-2,3,8)

- Water quality improvements in Bryn Mawr Meadows, Main Stem Watershed (BC-5)
- Westwood Lake Water Quality Improvement Project (WST-2)

4. Grant Administration:

- Submitting final reports and requests for payment for the BWSR Clean Water Fund Grants and the MPCA Clean Water Partnership Grant for the Northwood Lake Improvement Project (NL-1).
- Submitting final report and request for payment for DNR Flood Damage Reduction grant for XP-SWMM Phase II modeling project.
- Developing work plans, executing agreements (and subagreements) and submitting reports for BWSR Clean Water Fund Grants for Plymouth Creek Restoration Project and Harrison Neighborhood Project.
- Developing work plans, executing agreements (and subagreements) and submitting reports for Hennepin County Opportunity grant for Plymouth Creek Restoration Project and Hennepin County Environmental Response Fund grant for Main Stem Erosion Repair Project.
- **B. Watershed Management Plan**—In 2017 the BCWMC will seek a minor plan amendment to revise its Capital Improvements Program. A plan amendment may also be sought to update funding mechanisms for Flood Control Project maintenance and rehabilitation. Other than those changes, the BCWMC will implement its annual water quality and flood control programs as described in the 2015 BCWMC *Watershed Management Plan*. http://www.bassettcreekwmo.org/document/wmp-plans

C. Additional Monitoring, Studies, and Programs

- 1. Watershed-wide XP-SWMM Model— The BCWMC will finalize the XP-SWMM Phase 2 model. The BCWMC may officially revise the flood elevations in areas within its jurisdiction (along the BCWMC Trunk System) to reflect results of the model. The modeling work involves updating the watershed-wide XP-SWMM model developed in 2012 by further subdividing the watershed divides, incorporating upstream storage in ponds and wetlands, including the associated storm sewer data, using new soils data, incorporating Atlas 14 precipitation data, adjusting vertical datums, performing flow monitoring, calibrating the model, and preparing a report.
- 2. Water Quantity—The BCWMC will perform its lake- and stream-gauging program. The lake-gauging program will encompass Medicine Lake, Sweeney Lake, Parkers Lake, Westwood Lake, Crane Lake (Ridgedale Pond), Northwood Lake, Bassett Creek Park Pond and Theodore Wirth Park Storage area upstream of the TH 55 control structure. Two readings per month will be taken during the period April 1 September 30; one reading per

- month will be taken outside this period. The stream-gauging program will consist of periodically surveying stages or inspecting the creek during periods of high flow. The program also includes periodic surveys of benchmarks.
- 3. **Sweeney Lake Aeration Study –** The BCWMC will study the effect of year-round aeration on Sweeney Lake to determine if the activity improves or degrades water quality.
- 4. **Schaper Pond Effectiveness Monitoring** The BCWMC will study the quality of water entering and leaving Schaper Pond, just upstream of Sweeney Lake to determine the effectiveness of the 2015 CIP project to divert storm water flows within the pond.
- 5. **Chloride Source Assessment** The BCWMC will use available data to identify "hot spots" in the watershed where high levels of deicers may be impacting water resources.
- 6. **Flood Control Project Inspection**—The BCWMC will perform its annual flood control project inspection program, as set forth in the Bassett Creek Flood Control Project Operations and Maintenance Manual.
- 7. **Municipal Plan Review**—The BCWMC will review of the member cities' local water management plans and plan amendments, and BCWMC review of adjacent WMO plans and plan amendments, as needed.
- 8. Water Quality— Proposed water quality tasks for 2017 include:
 - Water Quality Monitoring: The BCWMC will perform detailed water quality monitoring as laid out it its Water Monitoring Program http://www.bassettcreekwmo.org/application/files/7914/4676/6436/Appendix A Monitoring Plan.pdf In 2017, the BCWMC will execute a contract with Wenck Associates to perform monitoring on Twin Lake, Sweeney Lake, and Lost Lake. In addition to collection of samples for chemical analysis, phytoplankton and zooplankton samples will be collected and analyzed, and an aquatic plant survey will be performed on two occasions.
 - Citizens Assisted Monitoring Program (CAMP): The BCWMC has entered into an agreement with the Metropolitan Council Environmental Services (MCES) to participate in this program in 2017. Volunteer citizens will monitor the following lakes in 2017: Twin Lake and Sweeney Lake in Golden Valley, two sites of Medicine Lake in the cities of Medicine Lake and Plymouth, Northwood Lake in New Hope, Westwood Lake in St. Louis Park, and Parkers Lake and Lost Lake in Plymouth.
 - Watershed Outlet Monitoring Program (WOMP): The BCWMC is the local sponsor of this monitoring site in cooperation and with funding support from the Metropolitan Council. The Metropolitan Council Environmental Services (MCES) will provide up to \$5,000 per year in financial support between January 1, 2016, and December 31, 2017, to the BCWMC for operating the station and maintaining the rating curve. The BCWMC entered into an agreement with a Wenck & Associates to ensure the monitoring equipment is in working order, conduct routine maintenance of the WOMP site and equipment, collect samples, make in-situ field measurements, and coordinate sample delivery to MCES in 2017. BCWMC staff will continue to maintain the rating curve.

- Wirth Lake and Spring Lake will be monitored by MPRB.
- River Watch Program: The BCWMC will participate in the River Watch program
 managed by Hennepin County Environmental Services (HCES); up to four sites on
 Bassett Creek will be sampled. HCES will provide a final report of the sampling
 results to the BCWMC.
- Stormwater flow monitoring and in-stream water quality monitoring in the Parkers Lake, Medicine Lake and Northwood Lake watersheds will be performed by the TRPD, on behalf of the City of Plymouth.
- 9. **Development Reviews**—The BCWMC will review development proposals in the watershed for conformance to water quality and flooding policies.
- 10. Channel Maintenance Fund—The BCWMC will continue to fund its Creek and Streambank Trunk System Maintenance, Repair and Sediment Removal Fund (the Channel Maintenance Fund). The BCWMC collects \$25,000 annually for the fund through an assessment paid by the member cities.
- 11. Flood Control Long-Term Maintenance Fund—The BCWMC established a long-term maintenance fund to be used to repair structures associated with the BCWMC Flood Control Project. The BCWMC collects \$25,000 annually for the fund through an assessment paid by the member cities. The fund balance is not to exceed \$1 million.
- 12. TMDL Implementation Reporting— The EPA approved the Wirth Lake TMDL on October 25, 2010, the Medicine Lake TMDL on February 8, 2011, and the Sweeney Lake TMDL on August 10, 2011. These TMDLs assigned categorical waste load allocations, which means a watershed approach is to be taken in implementing water quality improvement measures in these watersheds. In 2017, the BCWMC will continue tracking the implementation of the Medicine Lake, Sweeney Lake and Wirth Lake TMDLs. The BCWMC role will likely include the following tasks:
 - Assisting the cities with reporting on TMDL implementation activities to the MPCA.
 - Estimating and reporting progress towards achieving the assigned wasteload allocations. The BCWMC's watershed P8 model, completed in 2013, will be an essential tool for estimating reductions in phosphorus loading.
 - Monitoring lake water quality on an annual basis. See "Water Quality" bullet above regarding monitoring of these lakes in 2016.

D. Education and Outreach

The BCWMC will implement its 2017 education and outreach plan (as approved by the Commission). This plan includes financial contributions (and some staff or Commissioner participation in) to the following organizations and programs: Metro WaterShed Partners, River Watch, Citizen Assisted Monitoring Program, Metro Blooms, West Metro Water Alliance (includes staff participation), and the Children's Water Festival. The plan also includes funding for Commissioner registration fees for training or programs, and participation in community events such as the Plymouth Home Expo and Golden Valley Arts and Music Festival.

III. Annual Financial Report

The 2016 fiscal year for the Bassett Creek Watershed Management Commission (BCWMC) commenced on February 1, 2016 and ended January 31, 2017.

A. 2016 Approved Budget

The approved operating budget for fiscal year 2016 was \$609,400. Each member's contribution toward the annual budget is based 50 percent on the total area of the municipality within the watershed and 50 percent on the tax capacity of the area within the watershed. A copy of the 2016 operating budget, 2016 revenues, and 2016 member-city assessment table are located in Appendix A.

B. Report of Revenues

See the Financial Audit Report available online at http://www.bassettcreekwmo.org/document/annual-report-budget.

C. Report of Expenditures

See the Financial Audit Report available online at http://www.bassettcreekwmo.org/document/annual-report-budget.

D. Financial Audit Report

The annual audit report for the year ending January 31, 2017, was performed by Malloy Montague Karnowski Radosevich & Co., P.A. A copy of the annual audit report is available online at: http://www.bassettcreekwmo.org/document/annual-report-budget.