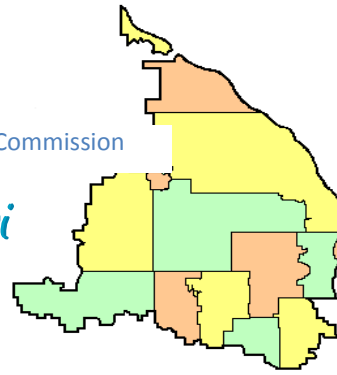




Watershed Management Commission



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MINUTES
Regular and Public Meetings
May 10, 2018

(Action by the SCWMC appears in blue, by the WMWMC in green and shared information in black.
*indicates items included in the meeting packet.)

I. A joint meeting of the Shingle Creek Watershed Management Commission and the West Mississippi Watershed Management Commission was called to order by Shingle Creek Chairman Andy Polzin at 12:45 p.m. on Thursday, May 10, 2018, at the Clubhouse at Edinburgh, USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Vlasin, Brooklyn Center; John Roach, Brooklyn Park; Burton Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Gary Anderson, Minneapolis; Bill Willis, New Hope; Harold E. Johnson, Osseo; Andy Polzin, Plymouth; Wayne Sicora, Robbinsdale; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; and Judie Anderson, JASS.

Present for West Mississippi were: David Vlasin, Brooklyn Center; Steve Chesney, Brooklyn Park; Gerry Butcher, Champlin; Karen Jaeger, Maple Grove; Harold E. Johnson, Osseo; Ed Matthiesen and Diane Spector, Wenck Associates, Inc.; and Judie Anderson, JASS.

Also present were: Andrew Hogg, Brooklyn Center; Mitch Robinson, Brooklyn Park; Todd Tuominen, Champlin; Mark Ray, Crystal; Rick Lestina and Denise Tingstad, Maple Grove; Liz Stout, Minneapolis; Robert Grant and Shawn Markham, New Hope; Leah Gifford and Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; Stephanie Hatten, WSB Associates; and Joe Radach, Carlson McCain, for Project WM2018-01.

II. **Agendas and Minutes.**

Motion by Jaeger, second by G. Anderson to approve the **Shingle Creek revised agenda**.* *Motion carried unanimously.*

Motion by Chesney, second by Johnson to approve the **West Mississippi revised agenda**.* *Motion carried unanimously.*

Motion by Jaeger, second by G. Anderson to approve the **minutes of the April regular meeting**.* *Motion carried unanimously.*

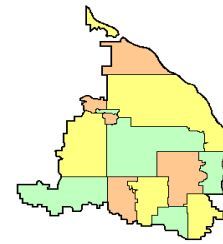
Motion by Johnson, second by Chesney to approve the **minutes of the April regular meeting**.* *Motion carried unanimously.*

III. **Finances and Reports.**

A. Motion by Orred, second by Jaeger to approve the **Shingle Creek May Treasurer's Report**.* *Motion carried unanimously.*

Motion by Orred, second by Jaeger to approve the **Shingle Creek May claims**.* Claims totaling \$51,107.38 were *approved by roll call vote*: ayes – Vlasin, Chesney, Orred, Jaeger, G. Anderson, Grant, Johnson, Polzin, and Sicora; nays – none.

B. Motion by Johnson, second by Jaeger to approve the **West Mississippi May Treasurer's Report**.* *Motion carried unanimously.*



Motion by Jaeger, second by Chesney to approve the **West Mississippi May claims.*** Claims totaling \$14,713.93 were approved by roll call vote: ayes – Vlasin, Chesney, Jaeger, and Johnson; nays – none; absent – Champlin.

[The regular meeting was suspended at 12:50 p.m. in order to conduct a public meeting.]

[Butcher arrived 12:51 p.m.]

IV. Public Meeting. The Shingle Creek and West Mississippi Capital Improvement Programs (CIPs) are proposed for a Minor Plan Amendment (MPA) to add one project and add specificity of description to a second project on Shingle Creek’s CIP. The Board of Water and Soil Resources (BWSR) agreed with the Commissions’ March 23, 2018 request to proceed as an MPA as long as Hennepin County did not object.

The Commissions on April 12, 2018 initiated a Minor Plan Amendment to the joint Third Generation Watershed Management Plan. Notice was sent to the member cities, county, and reviewing agencies, and published as required by statute and the Plan. The purpose of today’s public meeting is to discuss the proposed minor plan amendment and any comments received prior to or at this meeting. After that discussion, each Commission will consider a resolution adopting the Minor Plan Amendment contingent on County Board approval of the Minor Plan Amendment, which will be heard at a County Board hearing in June 2018.

The 2018 CIP includes a generic “Lake Internal Load” project. The MPA would specify that the project in 2018 would be the Bass and Pomerleau Lakes Alum Treatment Project at an overall cost of \$400,000. The proposed plan revision would add the Section 319 grant-funded Shingle Creek SRP Reduction Project to the CIP to fund the Commission’s required match. The proposed project is the installation of filters at the outlet of two flow-through wetlands to test three potential filter media and to permanently install the best-performing medium.

The proposed minor plan revision is shown as additions (underlined) or deletions (~~strike-outs~~) to Table 4.5, Shingle Creek WMC Third Generation Plan Implementation Plan and Appendix F, CIP Descriptions, of the Management Plan. **No revisions were proposed for the West Mississippi Implementation Plan.**

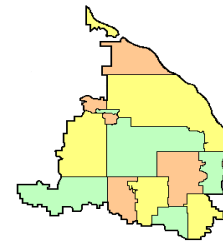
Table 4.5. Shingle Creek WMC Third Generation Plan Implementation Plan is hereby revised as follows:

Action	2018	2019	2020	2021	2022
Lake Internal Load Improvement Project	200,000		200,000		200,000
-Commission Contribution	200,000		200,000		200,000
-Local Contribution	0		0		0
<u>Bass and Pomerleau Lakes Alum Treatment Project</u>	<u>390,000</u>				
<u>-Commission Contribution</u>	<u>390,000</u>				
<u>-Local Contribution</u>	<u>0</u>				
<u>SRP Reduction Project</u>	<u>124,680</u>				
<u>-Commission Contribution</u>	<u>124,680</u>				
<u>-Local Contribution</u>	<u>0</u>				

Appendix F, CIP Descriptions, is hereby revised as follows:

Lake Internal Load Improvement Projects

The 13 lake TMDLs now in implementation in the Shingle Creek watershed recommend internal load improvements for several of the lakes. These projects could include rough fish removal and installation of fish barriers, chemical treatment such as alum, drawdowns, whole-lake aquatic vegetation treatment, etc. Typically, implementation emphasizes reducing the load from external sources before completing internal load reductions. Some lakes not shown



here may require internal load reductions if external load reduction is insufficient to meet state water quality goals. Potential lakes to be improved include the following (not in priority order):

1. Twin Lake. (Crystal, Brooklyn Center, Robbinsdale). 2015 Project: Rough fish tracking and removal, fish barriers, and aeration system; Future Project: aquatic vegetation treatment.
2. Pomerleau (Plymouth). 2018 Project: Chemical treatment.
3. Cedar Island (Maple Grove). Rough fish removal, fish barriers, drawdown.
4. Eagle Lake (Maple Grove.) Aquatic vegetation treatment.
5. Bass Lake (Plymouth). 2018 Project: Chemical treatment, aquatic vegetation management

SRP Reduction Project

The purpose of this project is to field-evaluate the effectiveness of three types of filter media at reducing soluble reactive phosphorus (SRP) concentrations in discharge from altered wetlands, and to permanently install the best-performing filter at the outlets of two wetlands that currently discharge high concentrations of SRP in outflow to downstream impaired waterbodies. The proposed project is the installation of filter media at the outlet of two flow-through wetlands. Wetland 639W is just upstream of Upper Twin Lake in Crystal. The second location is at the outlet of Cherokee Wetland, on Bass Creek at Cherokee Drive in Brooklyn Park. Both of these wetlands export high concentrations of SRP into impaired waters. Inflow and outflow monitoring will be completed post construction to document filter effectiveness.

A. Open public meeting. The public meeting was opened at 12:53 p.m.

1. No comments on the proposed amendment have been received from either the reviewing agencies, member cities or the public.
2. No one was present from the general public.
3. The public meeting was closed at 12:54 p.m.

B. Commission Discussion.

Motion by Jaeger, second by G. Anderson to adopt **Resolution 2018-01** Adopting a Minor Plan Amendment Revising the Capital Improvement Program.* *Motion carried unanimously.*

Motion by Chesney, second by Jaeger to adopt **Resolution 2018-01** Adopting a Minor Plan Amendment Revising the Capital Improvement Program.* *Motion carried unanimously.*

[The regular meeting was reconvened at 12:54 p.m.]

V. Open Forum.

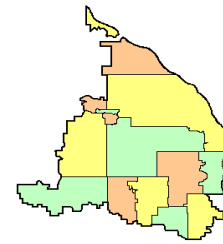
VI. Project Review.

SC2018-005 Urbana, Brooklyn Park.* Construction of an apartment building, an assisted living building, and associated streets and utilities, on 34.61 acres located in the southwest quadrant of Highway 610 and Regent Avenue at 5500 93rd Avenue North. Following development, the site will be 21.5 percent impervious with 7.45 acres of impervious surface, an increase of 7.35 acres. The complete Project Review application was received on April 9, 2018.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards with dead storage volume equal to or greater than the volume of runoff from a 2.5" storm event, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltrating 1.3 inches of runoff, for example, is considered sufficient to provide a similar level of treatment.

Runoff from a 1.3-inch storm is proposed to be infiltrated by three infiltration basins and one underground infiltration system. Combined, these infiltration BMPs are capable of infiltrating a 10-year (4.28-inch) storm. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year



storm events. Runoff from the site is routed to three infiltration basins and one underground infiltration system that control runoff rate. The applicant meets the Commission's rate control requirements.

Commission rules require the site to infiltrate 1.0" of runoff from new impervious area within 48 hours. The new impervious area on the site is 7.45 acres, requiring 0.81 acre-feet of runoff to be infiltrated within 48 hours. The applicant proposes to route runoff to three infiltration basins and one underground infiltration system that together, have the capacity to infiltrate the required volume within 48 hours. The applicant meets Commission volume requirements.

The HCWI identifies a potential wetland on the northeast portion of the parcel. However, this portion of the parcel will not be disturbed.

There are no Public Waters or floodplain on this site. The garage floor elevations of the buildings are lower than the high water level of Pond 30P, but Pond 30P has an overflow route that avoids the garage entrances. Further, the garages are located more than 90 feet from the basin and groundwater is located 16 feet below the bottom of the basin, meaning it is unlikely that infiltrated runoff will migrate laterally and cause flooding in either garage. The applicant meets Commission floodplain requirements.

An erosion control plan was submitted with the project review, and includes rock construction entrances, inlet protection, silt fence, and native seed specified on the pond slopes. The erosion control plan meets Commission requirements.

A public hearing on the project was conducted on December 13, 2017 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

Motion by Chesney, second by Johnson to advise the City of Brooklyn Park that Project Review WM2018-01 is approved conditioned upon receipt of a complete Operation and Maintenance (O&M) agreement between the applicant and the City for all stormwater facilities on the project site. *Motion carried unanimously.*

VI. Watershed Management Plan.

A. The City of **Maple Grove** has submitted its Local Surface Water Management Plan* for Commission review and approval. Maple Grove has lands in both watersheds so both Commissions are required to review and consider the Plan for approval. The 60-day review period ended March 27, 2018, but Rick Lestina verbally agreed to extend the review period so that the plan could be considered at this meeting. The Metropolitan Council, which has 45 days to review and comment on the plan, has provided comments* to the Commissions.

In general, the Plan meets all the Commission and statutory requirements for local water management plans. Staff provided some minor comments in their April 6, 2018 memo. Of particular note was the City's inconsistency with the Commission's Plan regarding wetland buffer requirements. Staff commended Maple Grove for the thoroughness of the identified problems and solutions in the report and the extensive and detailed Implementation Plan and recommended its approval.

Motion by Jaeger, second by Wills to approve the Maple Grove Local Surface Water Management Plan with the addressing of Staff's comments. *Motion carried unanimously.*

Motion by Butcher, second by Vlasin to approve the Maple Grove Local Surface Water Management Plan with the addressing of Staff's comments. *Motion carried unanimously.*

B. 2018 Maximum Levies.* Staff's May 4, 2018 memo outlines the maximum amount of capital projects levy the Commissions expect to certify to Hennepin County. The actual levies will be certified in July, after the Commissions hold public hearings on the proposed projects. Tables 1 and 2 show the CIP projects that will be considered in July. The Maximum Levy sets the ceiling for the capital levy; the Commissions can certify a lesser levy but cannot increase it. In 2016 the Commissions began levying an additional 5% to cover administrative costs and an additional 1% to cover uncollected levies, based on the historical rate of uncollectables. These maximum levies will be forwarded to Hennepin County. [Table 1 does not include the Bass and Pomerleau Alum Treatment Project since that project is funded from levies previously certified.](#)

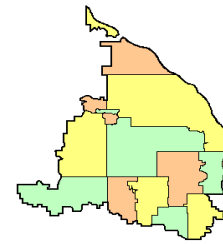


Table 1. Shingle Creek 2018 CIP Projects.

Project	Total Est Cost	City/Private	Grant	Comm Share
Cost share (city projects)	\$200,000	\$100,000	0	\$100,000
Becker Park Infiltration Project	\$2,500,000	\$1,175,000	\$1,075,000	\$250,000
Partnership cost share (private projects)	\$100,000	\$50,000	0	\$50,000
Subtotal	\$2,800,000	\$1,325,000	\$1,075,000	\$400,000
5% additional for legal/admin costs				20,000
TOTAL LEVY (101% for uncollectable)				\$424,200

Table 2. West Mississippi 2018 CIP Projects.

Project	Total Est Cost	City/Private	Grant	Comm Share
Cost share (city projects)	\$100,000	\$50,000	0	\$50,000
Miss Crossings Phase B Infiltration Vault	\$200,000	\$150,000	0	\$50,000
Subtotal	\$300,000	\$200,000	\$ 0	\$100,000
5% additional for legal/admin costs				5,000
TOTAL LEVY (101% for uncollectable)				\$106,050

Motion by Wills, second by Orred to set the maximum levy for Shingle Creek in 2018 at \$424,200. *Motion carried unanimously.*

Motion by Jaeger, second by Johnson to set the maximum levy for West Mississippi in 2018 at \$106,050. *Motion carried unanimously.*

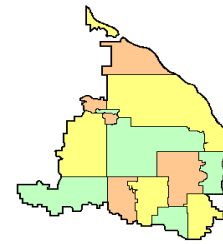
VIII. 2019 Operating Budgets.

A. Shingle Creek. The budget proposed by Staff generally continues the same activities at the same level of effort as in 2018. Each line item is explained in the 2019 Budget Explanation beginning on page 3 of Staff's May 4, 2018 memo.* A few lines require more explanation:

1. Monitoring Equipment. Some of the smaller monitoring equipment accessories are in need of replacement. The following are proposed for 2019: 1) Isco transducer (\$1,700); 2) six new marine batteries (\$700); and 3) six new power connectors (\$600) for a total of \$3,000.

2. WMWA Programs. Shingle Creek acts as the fiscal agent for WMWA. Until now the accounting for WMWA programs and projects has been shown on the Commission's budget. As part of the overall effort to make the operating budget simpler and more like a traditional municipal General Fund budget, WMWA will be established as a segregated fund. The Commission's budget will show Shingle Creek's contributions to WMWA programs but the accounting for WMWA activities will be in a separate fund. The exception is for the rain garden workshops, which are funded by cities and invoiced through Shingle Creek as a convenience.

3. Updated Floodplain Mapping. Commission staff have been in ongoing negotiations with the DNR to undertake updated floodplain modeling in Shingle Creek. The existing flood delineations are out of date and do not use the most updated Atlas 14 rainfall distributions. The DNR has grant funds of \$50,000 to underwrite the modeling portion of the work, which is estimated at \$75,000, and will be completing the map updates itself. However, this funding does not include survey work required for the modeling. Negotiations with the DNR for the survey work are still in limbo; should this be resolved and the Commission and the DNR come to an agreement, this budget allocates \$25,000 from 2019 funds budgeted for subwatershed assessments and for contribution to the 4th Generation Plan.



4. Assessment Cap. The assessment cap in the JPA limits the annual city assessment increase to the June-to-June increase in the Consumer Price Index-Urban (CPI-U), using the assessment in 2004 as a base. For the 2019 assessment, the increase is limited to the CPI-U change between June 2017 and June 2018. However, since the CPI-U for June of the previous year is not available, the June to March change is used to set the assessment. The June 2017 to March 2018 CPI-U change was 1.9%. However, because of the accumulated inflation lag, the Commission could assess up to \$356,940. The preliminary recommended draft 2019 budget assumes an assessment of \$356,900, a 4.8% increase. This is greater than the current rate of inflation, however, in the past four years the assessment has only increased by a total of 3.2%, or 0.8% per year, less than inflation. The cities' share of the member assessments* is also included in the meeting packet.

Motion by Jaeger, second by G. Anderson to table adoption of the 2019 Operating Budget to the June meeting. *Motion carried unanimously.*

B. West Mississippi. The budget proposed by Staff generally continues the same activities at the same level of effort as in 2018. Each item is explained in the 2019 Budget Explanation beginning on page 4 of Staff's May 4, 2018 memo.* Of particular note:

1. Subwatershed Assessments. The Commission has set aside \$10,000-20,000/year to complete subwatershed assessments, including ones in Champlin and Brooklyn Center. No applications have been made for the past two years, so it is recommended that no funds be budgeted specifically for this purpose. Should a member city decide to request a SWA in 2019, the Commission may consider amending the budget at that time.

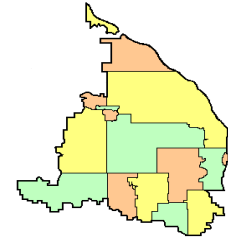
2. Contribution to Construction/Grant Match Fund. The Commission has set aside \$5,000 each year in a restricted fund for construction projects or to match grants. Aside from one project in Brooklyn Center, the funds have not been used. The fund balance is currently at \$85,000.

3. Contribution to Fourth Generation Plan. When the member cities agreed to an "above the cap" assessment for the Third Generation Plan, they advised the Commission to begin setting aside funds every year in a reserve to pay for the Fourth Generation Plan, due in 2022. Shingle Creek sets aside \$10,000 per year for this purpose. Because of the significant balance in the cash reserves, the Commission had previously declined to specifically set aside funds. The TAC recommends that the Commission again consider segregating an amount in the reserves specifically for the Fourth Generation Plan, and staff recommends that amount be \$25,000, and that no contribution from the annual budget be made.

4. Updated Floodplain Mapping. Commission staff have been in ongoing negotiations with the DNR to undertake updated floodplain modeling in Shingle Creek. While the DNR is not prioritizing updating flood modeling and mapping in West Mississippi, the existing flood delineations are quite old and were prepared when the watershed was much less developed. Staff has recommended updating the modeling and mapping at the same time as Shingle Creek for economies of scale. The DNR has no funding available to underwrite this work in West Mississippi. Staff estimates that the cost of this work would be about \$25,000. Negotiations with the DNR for Shingle Creek are ongoing; this budget allocates \$25,000 from reserves for West Mississippi work.

5. Assessment Cap. As with Shingle Creek, the assessment cap in the JPA limits the annual city assessment increase to the increase in the Consumer Price Index (CPI-U), using the assessment in 2004 as a base. The Commission could increase member city assessments for 2019 to \$162,270. The draft 2019 budget assumes an assessment of \$153,600, an increase of 2.4%. In past years the Commission supplemented the assessments with a contribution from the cash reserves to draw down what was a substantial balance. The proposed 2019 budget assumes no contribution from the cash reserves. The unrestricted fund balance at the end of 2016 was estimated to be about \$95,000, and Staff recommends that assessments continue to be increased by steps over a few years to fully fund the operating budget without that supplement. The cities' share of the member assessments* is also included in the meeting packet.

Motion by Butcher, second by Chesney to table adoption of the 2019 Operating Budget to the June meeting. *Motion carried unanimously.*



IX. Water Quality.

A. The proposed **'limited liability law'*** for road salt applicators has been incorporated into the current House omnibus agriculture, environment and natural resources, job growth and energy affordability, and state government finance bills. HF4099/SF3656 includes the attached language establishing state statute section 116.2025 DEICER APPLICATORS; VOLUNTARY CERTIFICATION PROGRAM. The bill also establishes funding for developing and implementing a certification training program that is more extensive than the training now offered by the MPCA.

Under this new statute, a certified commercial applicator, the owner or lessee of a property maintained by a certified applicator, and the applicator's employees would not be civilly liable for any claim relating to snow or ice condition unless that claim was a result of willful or reckless acts. To receive this immunity, the applicators and property owners or managers must 1) be currently certified by the MPCA; 2) pass an exam; 3) complete the MPCA's winter maintenance assessment tool; and 4) keep diligent records describing the road, parking lot, and property maintenance practices used. The bills specifically exclude state, municipal, or other governmental employees from the definition of a "commercial applicator."

There are still significant differences in the House and Senate bills, although the language of the limited liability law and the appropriation appear to be in agreement. The latest House version will be considered by the Senate and then likely sent to conference committee to resolve those issues.

B. Taxing District Authority for Ongoing Vegetation Control. Attorney Troy Gilchrist's May 8, 2018 memo* describes a number of options available under law to establish a taxing district for the purposes of providing ongoing submersed vegetation management. The two most viable options were identified as the establishment of a lake improvement district by the county or a subordinate service district by a city

C. In the meeting packet was the April 30, 2018 letter* from the Minnesota Dept. of Natural Resources (DNR) discussing a variance to treat >15% of the littoral area with herbicides for control of curly-leaf pondweed in **Upper Twin Lake**. The letter informed the Commission that a lake vegetation management plan will need to be written in spring 2021 if the variance needs to be extended for further pesticide treatment beyond the 15%. It also outlined a number of variance conditions and included instructions for obtaining a signature waiver.

1. Also included in the meeting packet is a letter* from the Commission to the Upper Twin Lake Property Owners advising them of the whole-lake curly-leaf pondweed assessment and chemical treatment that will occur in 2018. The DNR has granted the Commission a waiver of the requirement to obtain signatures of approval of owners of lakeshore property by notifying property owners via this letter.

2. Lake Restorations presented a proposal for **curly-leaf pondweed treatment** at a cost of \$5,955 for treatment with Aquathol K. Motion by G. Anderson, second by Jaeger to approve Lake Restorations' proposal. *Motion carried unanimously.* This action will come back to the Commission for ratification at the June meeting.

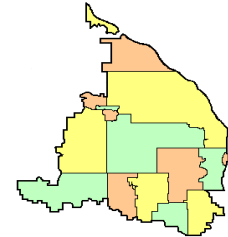
X. Education and Public Outreach.

A. West Metro Water Alliance (WMWA).

1. WMWA has switched over its email distribution system for the **WaterLinks e-newsletter** from Hennepin County to MailChimp. To continue to receive *WaterLinks*, or to newly subscribe, sign up at westmetrowateralliance.org/contact.html.

2. In 2018 WMWA is planning to continue facilitating **native plant sales** by linking native growers with community events such as festivals, farmer's markets, and Metro Blooms workshops.

3. The next **WMWA meeting** is scheduled for 8:30 a.m., Tuesday, June 12, 2018, at Plymouth City Hall.



B. The **Lawn Chair Gardener** presented her 2018 Social Media Proposal for WMWA. Services provided under the proposal include weekly Facebook and Twitter posts, monthly Facebook and Twitter reports, two press releases as needed and attendance at three WMWA (or other) meetings at a cost of \$3,085.02. Motion by Orred, second by Polzin to approve this proposal. *Motion carried unanimously.*

XI. Grant Opportunities and Updates.

A. BWSR Pilot Funding Project.* All the Commission member cities and the Commissioners should have received an invitation to the Hennepin County Convening Meeting for the Board of Water and Soil Resources (BWSR) Watershed-Based Funding Pilot Program, 1:30 p.m., May 16, 2018, at the Plymouth Library. The purpose of this meeting is to collectively come to an agreement on the way pilot program funds will be disbursed among all eligible entities (45 Cities and 11 Watersheds) during the 2018/2019 biennium. RSVPs to Karen Galles at HCEE are requested by May 14, 2018. Some discussion points:

1. Who will attend the meeting for the Commissions? Spector plans on being there as Staff support.
2. Do the Commissions have a preference for a funding option? Three options are currently under consideration:
 - a. Set aside a funding amount for chloride management, allocate the balance on either b. or c. below;
 - b. Allocate the full amount to basins based 50% land area/50% tax base, basin WMOs would then allocate based on their own strategies; *This option would not include West Mississippi. Requires 10% match.*
 - c. Allocate the full amount to WMOs based 50% land area/50% tax base. *This option would include West Mississippi. Brooklyn Center, Crystal, Minneapolis and Plymouth are leaning toward this option.*
3. Any other funding options or discussion points?

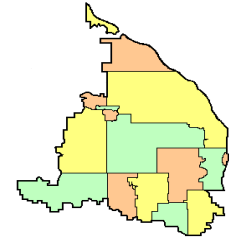
B. BWSR awarded the Shingle Creek Commission a Clean Water Fund grant to help fund the **Bass and Pomerleau Lakes Alum Treatment project.*** In 2017 BWSR adopted policies specifying that grant recipients must provide both technical and project assurances that the BMPs completed using the grant funds achieve the promised objectives. Further, the recipient must assure that if the objectives are not achieved, the recipient will take action at its own expense to ensure the project goals are met. The Commission's attorney has drafted an agreement* for this purpose.

By the agreement the Commission agrees to provide technical assurance through pre-construction, mid-treatment, and post-construction sediment core release rate tests demonstrating that the desired reduction in release rate has been achieved. The project assurance will be provided by agreeing to periodically monitor water quality in the two lakes, and if the improved water quality and clarity does not persist over the 20-year life span expected of BMPs, then the Commission will work together with the City of Plymouth to undertake other BMPs to reduce nutrient load to the lakes.

As of the date of Staff's memo (May 4, 2018) BWSR staff were still reviewing the draft agreement. Since then, BWSR and the Commission's attorney have worked through the outstanding issues and provided a revised agreement, which was included in the supplementary meeting packet. Staff recommends that the Chair be authorized to execute the revised agreement on behalf of the Commission. Motion by G. Anderson, second by Jaeger to authorize the Chair to execute the revised agreement. *Motion carried unanimously*

C. Twin Lake Carp Project. Matthiesen provided a verbal update. Two barriers are installed and approximately 500 fish were trapped. Staff have identified a farmer in Carver County who will take the carp.

D. Biochar Project. Repairs have been done to the equipment and it is up and running. Dr. Beth Fisher has installed her instrumentation at the Crystal and Champlin sites. She will share her data with the Commission in November.



XII. Communications.

A. April Communications Log.* No items required action.

B. Lestina reported that the City of Maple Grove has performed all of the remediation possible to prevent flooding and shoreline erosion along the **Eagle Lake channel**. He indicated he would like to collaborate with the City of Brooklyn Park to conduct the necessary channel maintenance that will complete this process.

XIII. Adjournment. There being no further business before the Commissions, the meetings were adjourned at 2:21 p.m.

Respectfully submitted,

A handwritten signature in black ink that reads "Judie A. Anderson".

Judie A. Anderson
Recording Secretary
JAA:tim

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