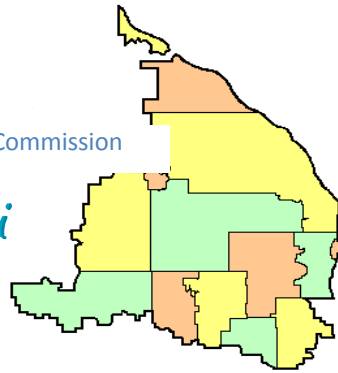


Shingle Creek

Watershed Management Commission



West Mississippi
Watershed Management Commission



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Website: www.shinglecreek.org • Email: judie@jass.biz

MINUTES

Regular and Public Meetings

May 9, 2019

(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 9, 2019, 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.; Troy Gilchrist, Kennedy & Graven; 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.; Troy Gilchrist, Kennedy & Graven; and Judie Anderson, JASS.

Also present were: Andrew Hogg, Brooklyn Center; Alex Pasch and Mitch Robinson, Brooklyn Park; Todd Tuominen, Champlin; Mark Ray, Crystal; Terry Muller and Mark Lahtinen, Maple Grove; Robert Grant and Megan Hedstrom, New Hope; Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; and Zoe Bakken-Heck, Minneapolis.

II. Agendas and Minutes.

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

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

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

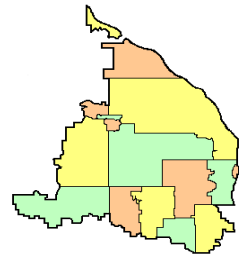
Motion by Butcher, second by Chesney to approve the **minutes of the April meeting**. * Motion carried unanimously.

Motion by G. Anderson, second by Wills to ratify the **actions of the Commission at the April meeting**. Motion carried unanimously.

III. Finances and Reports.

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

Motion by Orred, second by G. Anderson to approve the **Shingle Creek May claims**. * Claims totaling \$187,020.16 were approved by roll call vote: ayes – Roach, Orred, Jaeger, G. Anderson, Wills, Johnson, Polzin, and Sicora; nays – none; absent – Brooklyn Center.



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

Motion by Chesney, second by Johnson to approve the **West Mississippi May claims.*** Claims totaling \$14,213.26 were *approved by roll call vote: ayes – Chesney, Butcher, Jaeger, and Johnson; nays – none; absent – Brooklyn Center.*

[The regular meeting was suspended at 12:53 p.m. in order to conduct a public meeting.]

IV. Public Meeting. The Shingle Creek and West Mississippi Capital Improvement Programs (CIPs) are proposed for a Minor Plan Amendment (MPA) to the joint Third Generation Watershed Management Plan. This amendment revises capital project cost share policies and adds one project and specifies the location of a second project on the Shingle Creek CIP. The Board of Water and Soil Resources (BWSR) agreed with the Commissions' February 19, 2019 request to proceed as an MPA as long as Hennepin County did not object.

On March 14, 2019 the Commissions initiated the MPA. Notice was sent to the member cities, county, and reviewing agencies, and published as required by statute and the Plan. The purpose of this meeting is to discuss the proposed amendment and any comments received prior to or at a public 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 2019.

The 2020 CIP includes a generic "Lake Internal Load" project. This revision would specify that the project would be the 2019 Crystal Lake Management Plan at an overall cost of \$370,500. The proposed plan amendment would also revise some of the provisions of the CIP program, namely increasing the voluntary \$500,000 annual levy limit and lifting the \$250,000 per project maximum.

Staff's May 3, 2019 memo* includes the Notice of the Minor Plan Amendment. The proposed revisions are 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 revised as follows:

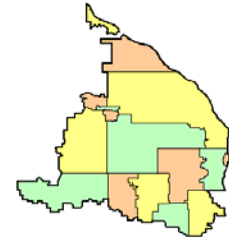
Action	2018	2019	2020	2021	2022
Lake Internal Load Improvement Project			<u>200,000</u>		200,000
-Commission Contribution			<u>200,000</u>		200,000
-Local Contribution			<u>0</u>		0
<u>Crystal Lake Management Plan</u>		<u>370,500</u>			
- <u>Commission Contribution</u>		<u>370,500</u>			
- <u>Local Contribution</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
6. Crystal Lake. 2019 Project: Chemical treatment, rough fish management, aquatic vegetation management.

A. Open public meeting. The public meeting was opened at 12:57 p.m.

1. No comments on the proposed amendment were 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 12:58 p.m.

B. Commission Discussion.

Motion by Wills, second by Roach to adopt **Resolution 2019-01** Adopting a Minor Plan Amendment Revising the Capital Improvement Program.* *Motion carried unanimously.*

Motion by Johnson, second by Chesney to adopt **Resolution 2019-01** Adopting a Minor Plan Amendment Revising the Capital Improvement Program.* *Motion carried unanimously.*

[The regular meeting was reconvened at 12:59 p.m.]

V. Open Forum.

[Vlasin arrived 1:03 p.m.]

VI. Project Reviews.

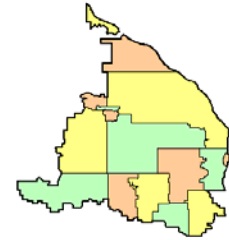
A. SC2019-007 Silver Creek on Main Expansion, Maple Grove.* Expansion of existing senior living community by 75 units on a 1.27-acre site located at 8200 North Main Street. Following development, the site will be approximately 62 percent impervious, with an increase of 0.79 acres of net new impervious surface. A complete project review application was received on April 24, 2019.

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-inch storm event, or BMPs providing a similar level of treatment, i.e., 85% TSS removal and 60% TP removal. This project is located within the Gravel Mining Area at Arbor Lakes and all water leaving the site has been accounted for by the regional ponds under City ownership. Two 4-foot sumps are provided for pretreatment of stormwater entering the regional ponds. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff is limited to predevelopment rates for the 2-, 10-, and 100-year storm events. This project is located within the Gravel Mining Area at Arbor Lakes. Runoff is proposed to be routed to nearby regional ponds. The applicant meets the Commission's rate control requirements.

Commission rules require the site to infiltrate 1.0 inch of runoff from new impervious area within 48 hours. The new impervious area on this site is 0.79 acres. However, this project falls within the Gravel Mining Area at Arbor Lakes, and the applicant proposes to use the city infiltration credit that has the capacity to infiltrate the required volume within 48 hours. The applicant meets Commission infiltration requirements.

The National Wetlands Inventory does not identify any wetlands on site. The applicant meets Commission wetland requirements. There are no Public Waters on this site. The applicant meets Commission Public Waters requirements.



There is no FEMA-regulated floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the nearby regional ponds. The applicant meets Commission floodplain requirements.

The erosion control plan includes a rock construction entrance, silt fence, and inlet protection. The erosion control plan meets Commission requirements.

A public hearing on the project was scheduled for April 29, 2019 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

A draft Operations & Maintenance (O&M) agreement between the applicant and the City of Maple Grove has not yet been provided.

Motion by Jaeger, second by Orred to advise the City of Maple Grove that project SC2019-007 is approved contingent upon receipt of a draft Operations & Maintenance agreement between the applicant and the City. *Motion carried unanimously.*

B. SC2019-008 The Woods at Taylor Creek, Plymouth.* Construction of 24 single-family homes on 19.2 acres located at the end of Ranchview Lane across the railroad tracks from Providence Academy, (5100 Ranchview Lane North). Following development, the site will be 11 percent impervious, with 2.19 acres of impervious surface, an increase of 2.19 acres. A complete project review application was received April 11, 2019.

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 - 85% TSS removal and 60% TP removal. Infiltrating 1.3-inches of runoff, for example, is considered sufficient to provide a similar level of treatment. If a sump is used the MnDOT Road Sand particle size distribution is acceptable for 80% capture.

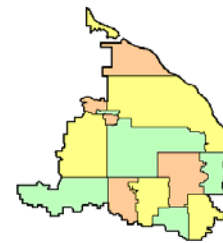
The site is primarily comprised of Type C soils, and relatively high groundwater conditions. Therefore, runoff from the site is proposed to be routed to a wet stormwater detention pond with a biofiltration bench, prior to discharging to the adjacent wetland. The applicant used P8 to model TSS and TP load reduction from the site and demonstrated 96.4% removal of TSS and 67.8% removal of TP.

In addition, three sumps with SAFL baffles are proposed by the applicant. One of the SAFL baffles will serve as pretreatment to the proposed stormwater detention pond. The other two will provide pretreatment within the new storm sewer that will transport offsite water across the project site to the wetlands containing FES-9 and FES-14. All SAFL baffles will be in the City street. The applicant meets Commission water quality treatment requirements.

Commission rules require that site runoff is limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Runoff from the site will be routed to Ranchview Lane, which is routed to a proposed detention pond with a filtration bench via a new storm sewer system. The applicant meets Commission rate control requirements.

Commission rules require the site to infiltrate 1.0 inch of runoff from new impervious area within 48 hours. However, due to the presence of soils with low infiltration capacity and relatively high groundwater levels, the applicant proposes to provide filtration instead of infiltration. The new impervious area on this site is 2.19 acres, requiring abstraction of 0.18 acre-feet [7,950 CF] within 48 hours. The applicant proposes to construct a detention pond with a biofiltration bench that has the capacity to filtrate the required volume within 48 hours. The applicant meets Commission volume control requirements.

The National Wetlands Inventory identifies probable and potential wetlands on the site. The City of Plymouth is LGU for Wetland Conservation Act (WCA) administration. Wetland buffers 30 feet in width are provided. The applicant meets Commission wetland requirements.



There are no Public Waters on this site. The applicant meets Commission Public Waters requirements. There is no FEMA-regulated floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the detention ponds/infiltration basins according to Atlas 14 precipitation. The applicant meets Commission floodplain requirements.

The erosion control plan includes a rock construction entrances, perimeter silt fence/biolog, silt fence surrounding detention ponds/infiltration basins, inlet protection, rip rap at inlets, slope checks, and native seed specified on the pond slopes. The erosion control plan meets Commission requirements.

A public hearing on the project was held on February 7, 2018 as part of Planning Commission and City Council review of this project, meeting the Commission's public notice requirements.

The City of Plymouth will maintain the stormwater systems related to this project.

Motion by Orred, second by Jaeger to advise the City of Plymouth that project SC2019-008 is approved with no conditions. *Motion carried unanimously.*

C. MAC Crystal Airport EA/EAW.* The Metropolitan Airports Commission (MAC) is contemplating making improvements to Crystal Airport and has prepared a draft Environmental Assessment/Environmental Assessment Worksheet to identify the potential environmental impacts and mitigation strategies. Such a document is not expected to set forth specific solutions, simply to identify potential impacts and how they might be mitigated. In general, the improvements include making various changes to the runways and facilities on site as well as potentially releasing unused land along 63rd Avenue on the north side of the airport for potential aviation or non-aviation development.

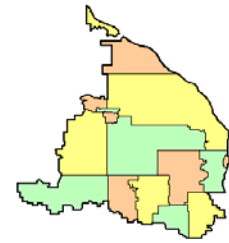
The EA/EAW does evaluate potential impacts to water resources, including surface waters and stormwater, floodplains, groundwater, and wetlands. The site is tributary to Upper Twin Lake and to Wetland 639W, both waters of concern to the Commission. The proposed actions would add approximately 6.3 acres of impervious surface associated with the runway, taxiways, run-up pads, perimeter roads, and aircraft parking apron. However, approximately 5.1 acres of existing impervious surface will also be removed, for a net increase of about 1.2 acres.

The proposed improvements would alter the existing stormwater management system. The new taxiway system would fill approximately 0.8 acres of land that is currently a stormwater infiltration area. Stormwater management practices will be investigated during final design to replace the lost stormwater storage volume. The document acknowledges that, because of the size of the project, it will need to be reviewed by and meet the standards of the Shingle Creek Commission. There are no expected impacts to groundwater or to floodplains. Erosion control practices will be followed to minimize sedimentation.

Two components of the proposed improvements potentially affect onsite delineated wetlands. The area along 63rd Avenue that might be released for private development contains three small wetlands. Two are located on the east side of the development area near the Twin Creek corridor, and the other is located west of the Airport access road. The MAC will require developers of this site to comply with any wetland rules and buffer requirements set by the Commission. A proposed new perimeter road segment on the south side of the airport will likely require fill in two small Type 1 Seasonally Flooded wetlands. Because the disturbance to the wetlands is likely below the de minimis threshold, impacts will be minimal, and replacement of these wetlands is not expected to be required. If, during detailed design, it is determined that more than 1,000 SF of wetlands will be affected, a replacement plan will be developed and implemented.

In general, the EA/EAW adequately identifies the potential water resources impacts and appropriate mitigation strategies. Staff recommends that the Commission notify the Metropolitan Airports Commission that its concerns are adequately addressed.

Motion by Jaeger, second by Roach to approve Staff's recommendation. *Motion carried unanimously.*



VII. 2020 Operating Budgets.

A. Shingle Creek.* The Joint Powers Agreement (JPA) governing operations of the Shingle Creek Watershed Management Commission requires a budget and the resulting proposed city assessments for the coming year to be reported to the member cities by July 1.

The budget is separated into an operating budget and a project budget. The annual operating budget revenue source is primarily city assessments and funds the Commission's core activities. Projects and studies are funded through a variety of grants and other sources, most of which do not proceed on an annual fiscal year basis. Tracking budgets separately provides more clarity as to the activities the cities are funding directly from their annual budgets.

The assessment cap in the Commission's Joint Powers Agreement (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. The "SC Allowed" assessment that could be made for 2020 based on accumulated CPI-U change is \$363,690. That compares to the "SC Actual," which is the amount actually proposed to be assessed. While the current estimate of annual inflation is 0.9%, the allowable increase is based on the accumulated inflation rate since 2003. The preliminary recommended draft 2020 budget assumes an assessment of \$363,590, a 1.9% increase.

With a few exceptions the proposed budget generally continues the same activities at the same level of effort as in 2019. Some items to note:

1. Interest. The Commission currently has about \$1 million in the bank, most of which is restricted funds dedicated to grant and levy projects. That balance is earning considerable interest, which Staff recommends letting accrue to the cash reserves rather than spend.

2. West Metro Water Alliance (WMWA) Programs. Shingle Creek acts as the fiscal agent for WMWA. The Commission's budget shows both revenues received from our WMO partners for general WMWA programming as well as the partners' share of WMWA expenses. The rain garden workshops are handled in a different way. They are funded directly by cities and invoiced through Shingle Creek as a convenience, and the Commission contributes funds to subsidize this cost for workshops hosted in the watershed.

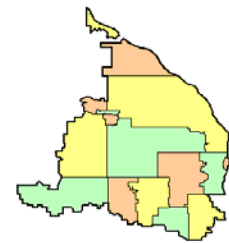
3. Subwatershed BMP Assessment. The 2019 budget allocated \$20,000 from 2019 funds budgeted for subwatershed assessments and \$5,000 for contribution to the 4th generation plan to provide cost share to the HUC-8 flood mapping update (the DNR is contributing \$50,000). Those funds have been carried over to 2019 as that project continues. The 2020 budget restores the \$20,000 annual contribution to the Subwatershed Assessment account.

4. Contribution to 4th Generation Plan. The Commission has been contributing annually to a restricted account to finance the upcoming 4th Generation Plan. At the end of 2019 that balance will be \$65,000. Staff believe that, along with West Mississippi's contribution, this will be sufficient to provide an update to the management plan, especially given the management plan implementation work that has been ongoing: the TMDL 5-year reviews, HUC-8 modeling, the robust monitoring program, and the annual water quality report.

Motion by G. Anderson, second by Jaeger to approve the 2020 Shingle Creek Operating Budget as proposed. *Motion carried unanimously.*

B. West Mississippi.* The Joint Powers Agreement (JPA) governing operations of the West Mississippi Watershed Management Commission requires a budget and the resulting proposed city assessments for the coming year to be reported to the member cities by July 1. This budget, too, is separated into an operating budget and a project budget and member assessments are determined in the manner described above.

The "WM Allowed" assessment that could be made for 2020 is \$165,290. The draft 2020 budget assumes an assessment of \$153,600, no increase over 2019. 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 2020 budget assumes no contribution from the cash reserves. The unrestricted fund balance at the end



of 2017 was estimated to be about \$90,000 and Staff recommend that, if necessary, assessments continue to be increased by steps over a few years to fully fund the operating budget without that supplement.

Some items to note.

1. Subwatershed Assessments. The Commission has set aside \$10,000-20,000/year to complete subwatershed assessments(SWAs), including one in Champlin and one in Brooklyn Center. No applications have been made in the past two years, so it is recommended that no funds be budgeted specifically for SWAs. Should a member city request a SWA in 2020, the Commission may consider amending the budget for that purpose.

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 and the audited balance at the end of 2017 was \$79,320. It is recommended that no funds be budgeted specifically for this purpose.

3. Contribution to 4th 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, which expires in 2022. Shingle Creek sets aside \$10,000 per year for this purpose and has accumulated \$65,000. Because of the significant balance in the cash reserves, the West Mississippi Commission had previously declined to specifically set aside funds. Staff recommends that the Commission again consider segregating an amount in the reserves specifically for the Fourth Generation Plan, that that amount be \$25,000, and that no contribution from the annual budget be made.

4. Updated Floodplain Mapping. Commission staff are currently working 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. The 2019 budget allocated \$25,000 from reserves for West Mississippi work; if not completed in 2019 those funds could be carried over to 2020.

With the above exceptions the proposed budget generally continues the same activities at the same level of effort as in 2019.

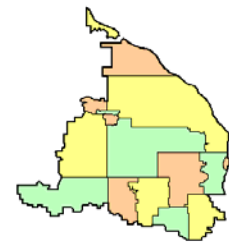
Motion by Butcher, second by Jaeger to approve the 2020 West Mississippi Operating Budget as proposed. *Motion carried unanimously.*

VIII. Watershed Management Plan.*

The Commissions must set the maximum amount of capital projects levy they expect to certify to Hennepin County. The actual levies will be certified in September, after the Commissions hold public hearings on the proposed projects. The CIP projects that will be considered in September are shown below.

A. Shingle Creek.

Projects	Total Est Cost	City/Private	Grant	Comm Share	Total Max Levy
Cost share (city projects)	\$200,000	\$100,000	0	\$100,000	\$106,050
Crystal Lake Management Plan	\$370,506	\$0	0	\$370,500	\$392,915
Partnership cost share (private projects)	\$100,000	\$50,000	0	\$50,000	\$53,025
Subtotal	\$670,506	\$150,000	\$ 0	\$520,500	
5% additional for legal/admin costs				26,025	
Subtotal				546,525	
TOTAL LEVY (101% for uncollectable)				\$551,990	\$551,990



Even though the Shingle Creek Commission has been awarded a Section 319 grant by the MPCA for the Crystal Lake Management Plan, the EPA has not yet officially approved it. Therefore, Staff recommend that the Commission use the full project cost as the maximum levy. The final EPA approval should be known by September when the final levies are certified.

B. West Mississippi.

Projects	Total Est Cost	City/Private	Grant	Comm Share	Total Max Levy
Cost share (city projects)	\$100,000	\$50,000	0	\$50,000	\$53,025
Subtotal	\$100,000	\$50,000	\$ 0	\$50,000	
5% additional for legal/admin costs				2,500	
Subtotal				52,500	
TOTAL LEVY (101% for uncollectable)				\$53,025	\$53,025

[Jaeger departed 1:42 p.m.]

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.

Motion by Johnson, second by Sicora to set the 2019 maximum Shingle Creek levy at \$551,990. *Motion carried unanimously.*

Motion by Butcher, second by Chesney to set the 2019 maximum West Mississippi levy at \$53,025. *Motion carried unanimously.*

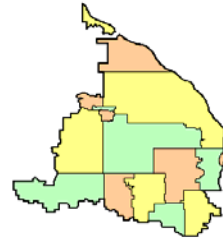
IX. Water Quality.

A. Over the winter one of the Commission’s **Joboxes** used to house monitoring equipment was stolen from its location in Coon Rapids Dam Regional Park, just off West River Road in Brooklyn Park. This is the site of the channel discharging from the Environmental Preserve. The box had been chained down, but thieves apparently cut through the chain and hauled out the heavy steel box. Fortunately, the monitoring equipment had been removed for the winter. This is the second time a box has been stolen from this location; in 2011 thieves did the same thing. Shingle Creek also lost a box to theft a few years ago. Staff discussed whether to start removing the boxes and storing them over the winter. They estimated it would take a two-person crew at least four hours to make three trips to haul the five boxes away (only two fit in a truck at a time), which would add roughly \$2,000 to the monitoring budget each year. Staff replaced the box with a backup one from their inventory of Commission equipment. The theft has been reported to the police and to the Commission’s insurance carrier. The cost of a new box is \$720. The Commission has a \$250 insurance deductible. Staff recommends replacement of the Jobox, with the \$250 insurance deductible funded from cash reserves.

Motion by Chesney, second by Johnson to replace the Jobox as stated above. *Motion carried unanimously.*

B. Motion by Roach, second by Orred to approve the **2019 Citizen Assisted Monitoring Program (CAMP) agreement** with Metropolitan Council. *Motion carried unanimously.* Under the agreement, three lakes will be monitored – Cedar Island, Meadow and Success - at a cost of \$760 each.

C. The next **Technical Advisory Committee (TAC) meeting** has been [re]scheduled for 8:30 a.m., Thursday, May 30, 2019, at Crystal City Hall. The April 25 TAC meeting minutes* are included in the meeting packet for informational purposes.



X. Education and Public Outreach.

A. Environmental Initiative has awarded the Shingle Creek Watershed Management Commission an Honorable Mention in recognition of its Biochar- and Iron-Enhanced Sand Filters Project. The 2019 awards will be celebrated on May 22, 2019 at the Nicollet Island Pavillion. Contact Diane Spector if you are interested in attending.

B. The next **West Metro Water Alliance (WMWA) meeting** is scheduled for 8:30 a.m., Tuesday, May 14, 2019, at Plymouth City Hall.

XI. Grant Opportunities and Updates. Staff provided verbal updates on the following:

A. Becker Park. A slide presentation showed the work underway.

B. Bass and Pomerleau Lakes Alum application. Treatment of Pomerleau Lake is set for Monday, May 13. Treatment of Bass Lake is set for Wednesday, May 15.

C. Twin Lake Carp removal. McCoy noted that his City has been receiving complaints that debris has been collecting around the fish barrier. Staff will follow-up.

D. SRP Reduction project.

E. Biochar Enhanced Sand Filters are now operational. This is the last year of the grant program. May be considered as part of the routine monitoring program in the future.

XII. Communications.

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

B. Letter* from State Representative Kristin Robbins, District 34A, congratulating Commission on Honorable Mention for the Environmental Initiative Award.

C. Update* from SOS re Chloride Legislation which passed the Minnesota House today.

D. Spector reported that she met with the **Meadow Lake Association** on April 27. They are considering a lake draw-down to facilitate improvements to the lake and will meet with the City of New Hope on May 21.

XIII. Other Business.

A. The terms of representatives from **Champlin** and **Minneapolis** expired January 31, 2019. Staff have not received updated appointments as of this date.

XIV. Adjournment. There being no further business before the Commissions, the meetings were adjourned at 2:19 p.m.

Respectfully submitted,

A handwritten signature in black ink that reads "Judie A. Anderson". The signature is written in a cursive style.

Judie A. Anderson
Recording Secretary
JAA:tim

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