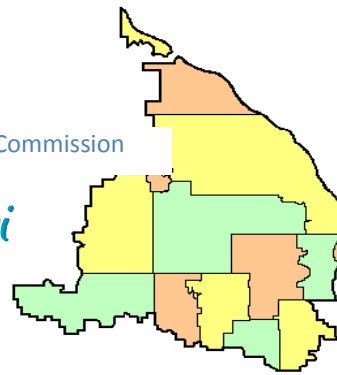




Watershed Management Commission



3235 Fernbrook Lane N • Plymouth, MN 55447
Tel: 763.553.1144 • Fax: 763.553.9326
Email: judie@jass.biz • Website: www.shinglecreek.org

MINUTES
Regular Meeting
April 12, 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, April 12, 2018, at the Clubhouse at Edinbrook, USA, 8700 Edinbrook Crossing, Brooklyn Park, MN.

Present for Shingle Creek were: David Vlasin, Brooklyn Center; Steve Chesney, Brooklyn Park; Burton Orred, Jr., Crystal; Karen Jaeger, Maple Grove; Gary Anderson, Minneapolis; Robert Grant, New Hope; Harold E. Johnson, Osseo; Andy Polzin, Plymouth; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen and Tom Langer, 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; Troy Gilchrist, Kennedy & Graven; Ed Matthiesen and Tom Langer, Wenck Associates, Inc.; and Judie Anderson, JASS.

Also present were: Andrew Hogg, Brooklyn Center; Alex Prasch and Mitch Robinson, Brooklyn Park; Mark Ray, Crystal; Denise Tingstad, Maple Grove; Liz Stout, Minneapolis; Megan Albert, and Shawn Markham, New Hope; Jim Prom and Ben Scharenbroich, Plymouth; Richard McCoy and Marta Roser, Robbinsdale; Stephanie Hatten, WSB Associates; Steve Sabraski, Landform Professional Services, and Linda McGinty, The Luther Company, for item V.A.; Forrest Kelley and Justine Dauphnaï, Capitol Region Watershed District; and Dr. John Gulliver, University of Minnesota.

II. Agendas and Minutes.

Motion by Chesney, second by Vlasin to approve the **Shingle Creek revised agenda**.** Motion carried unanimously.*

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

Motion by Chesney, second by Johnson to approve the **minutes of the March regular meeting*** with the following correction:

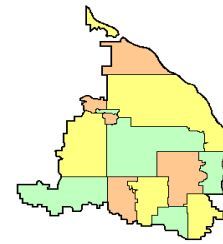
Motion by Orred, second by G. Anderson to approve the **Shingle Creek March claims**.** Claims totaling \$39,767.45 were approved by roll call vote: ayes – Vlasin, Roach, Orred, Jaeger, G. Anderson, Grant, Wills, Johnson, Polzin, and Sicora; nays – none.*

Motion carried unanimously.

Motion by Jaeger, second by Butcher to approve the **minutes of the March regular meeting**.** Motion carried unanimously.*

III. Finances and Reports.

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



Motion by Johnson, second by G. Anderson to approve the **Shingle Creek April claims.*** Claims totaling \$11,401.94 were *approved by roll call vote*: ayes – Vlasin, Chesney, Orred, Jaeger, G. Anderson, Grant, Johnson, and Polzin; nays – none; absent – Robbinsdale.

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

Motion by Jaeger, second by Butcher to approve the **West Mississippi April claims.*** Claims totaling \$139,818.91 were *approved by roll call vote*: ayes – Vlasin, Chesney, Butcher, Jaeger, and Johnson; nays – none.

IV. Open Forum.

Dr. John Gulliver, University of Minnesota Professor of Civil, Environmental and Geo-Engineering, presented ***Retention Ponds can be a Source of Phosphorus.*** Dr. Gulliver's major research interests are environmental fluid mechanics, mass transport in environmental systems, and flow and mass transport at hydraulic structures. His group is currently working on research projects to measure and predict air-water mass transfer at hydraulic structures; develop new assessment techniques for water quality performance of stormwater treatment practices; and investigate novel stormwater treatment practices.

V. Project Reviews.

A. SC2018-005 Luther Mazda Mitsubishi, Brooklyn Center.* Demolition of an existing auto dealership building and construction of a new auto dealership building and associated improvements on 16.2 acres located at 4435 68th Avenue North. Following development, the 7.2-acre disturbed area will be 67 percent impervious, an increase of 2.4 acres. A complete project application was received on March 7, 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- inch 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 two underground infiltration systems (each collecting runoff from the south or the north, respectively), or by BMPs on the eastern half of the site in the case of runoff from Drainage area 15S. The infiltration systems have header rows for pretreatment. 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 majority (74%) of the site is routed to underground stormwater chambers (two underground infiltration systems and one underground stormwater storage tank) that mitigate runoff rates. The applicant meets the Commission's rate control requirements.

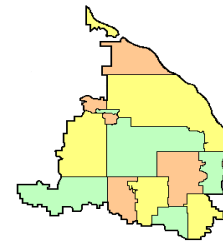
Commission rules require the site to infiltrate 1.0 inch of runoff from new impervious area within 48 hours. The applicant proposes to infiltrate 1.3 inches of runoff from new impervious area, meeting Commission requirements.

The National Wetlands Inventory does not identify any wetlands on site. There are no Public Waters or floodplain on this site. The low floor elevations of the buildings are at least two feet higher than the high-water elevation of the infiltration systems, meeting Commission requirements.

An erosion control plan was submitted with the project review, and includes rock construction entrances, perimeter silt fence and inlet protection. The erosion control plan meets Commission requirements.

A public hearing on the project was conducted on October 5, 2017 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

Motion by Jaeger, second by Orred to advise the City of Brooklyn Center that Project SC2018-005 is approved with the following conditions:



1. Provide an Emergency Construction Contingency Plan (ECCP) to the Commission and/or demonstrate that infiltration practices are safe despite the discovery of petroleum odors in two soil borings.

2. Provide a complete Operation and Maintenance (O&M) agreement between the applicant and the City of Brooklyn Center for all stormwater facilities on the project site. (A draft agreement was provided with this application.)

Motion carried unanimously.

B. SC2018-006 Outdoor Storage & Impound Lot, Crystal.* Construction of parking lot and associated stormwater infiltration basin on 1.31 acres located at 5425 and 5431 Lakeland Avenue North. Following development, the site will be 76 percent impervious with 1.00 acres of impervious surface, a decrease of 0.19 acres. The complete project application was received on 3/23/18.

To comply with the Commission's water quality treatment requirement, the site must provide ponding designed to NURP standards, or BMPs providing a similar level of treatment - 80-85% TSS removal and 50-60% TP removal. Infiltration of a 1.3-inch storm is considered to provide a similar level of treatment.

Runoff from the site is proposed to flow overland to an infiltration basin which has the capacity to infiltrate runoff from a 1.3-inch storm. The infiltration basin also has a grass buffer to pretreat runoff. Based on MIDS Calculations, this will remove 97% of TP and TSS. 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 most of the site's drainage area will be directed to an existing catch basin in the southern portion of the site (Parking Lot; Link-01). This runoff will either flow overland to an infiltration basin, after which it is piped to this catch basin, or will flow directly to this catch basin. Runoff leaving the infiltration basin's emergency overflow will be directed to a swale southeast of the site (Southeast; SE-EOF). Runoff rate to the catch basin (Link-01) is increased from existing to proposed conditions, while runoff rate to the southeast is reduced (SE-EOF). However, City Engineer Mark Ray confirmed that runoff from both areas converges in the same sewer system just south of the site, and in all, runoff rate from the entire site is reduced from existing to proposed conditions. Therefore, 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 this site is 1.00 acre, requiring infiltration of 3,920 cubic feet within 48 hours. The applicant proposes to route runoff to an infiltration basin that has the capacity to infiltrate the required volume within 48 hours, which meets Commission requirements.

The National Wetlands Inventory does not identify any wetlands on site. There are no Public Waters or floodplain on this site. The low floor elevation of the buildings are at least two feet higher than the basin's emergency overflow elevation, meeting Commission requirements.

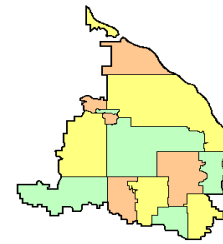
An erosion control plan was submitted with the project review, and includes perimeter silt fence, silt fence around the infiltration basin, inlet protection, and native seed specified on the pond slopes. The erosion control plan meets Commission requirements.

A public hearing on the project was conducted on April 10, 2018 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

An Operations and Maintenance agreement has been received.

Motion by Jaeger, second by Chesney to advise the City of Crystal that Project SC2018-006 is approved conditioned on the applicant conducting a project witness test with City staff to verify the infiltration rate is met at the project close-out. *Motion carried unanimously.*

C. SC2018-007 Lower Twin Lake Boat Ramp Replacement, Robbinsdale.* Replacement of boat ramp on Lower Twin Lake at 4400 Lakeland Avenue North. The project will replace the existing 11-foot-wide plank-style boat



ramp with a 20-foot-wide concrete ramp that will extend into deeper water and provide a more durable, user-friendly and accessible structure for launching boats. After replacement, the boat ramp will have a net reduction in impervious surface of 9 square feet. The complete project application was received on March 27, 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.

Runoff from the site is proposed to flow directly into Lower Twin Lake. Due to the reduction in impervious surface and the lack of options for water quality treatment from a boat ramp, the applicant meets Commission water quality treatment requirements. Commission rules also require that site runoff be limited to predevelopment rates for the 2-, 10-, and 100-year storm events. Due to the reduction in impervious surface, runoff rates will be the same or less than existing conditions. 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. Due to the reduction in impervious surface, the applicant meets Commission volume control requirements.

The National Wetlands Inventory does not identify any wetlands on site. Lower Twin Lake is a DNR Public Water on this site. It is impaired for Aquatic Consumption and Aquatic Recreation. The proposed project is not anticipated to negatively impact Lower Twin Lake or its Aquatic Consumption/Aquatic Recreation status. The applicant meets Commission Public Waters requirements.

Floodplain does exist on this site, but the boat ramp will not be negatively affected by floodwaters. The applicant meets Commission floodplain requirements.

An erosion control plan was submitted with the project review, and includes perimeter silt fence, floating silt curtain and inlet protection. The erosion control plan meets Commission requirements.

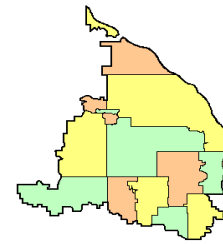
The applicant has and continues to notify the public about the project. Three Rivers Park District will hold a public information session about the project and has put information about the project on its website, and all nearby cities (Brooklyn Center, Robbinsdale, Crystal) have been notified. These activities, combined with completion of the stipulation below, meet Commission public notice requirements.

Motion by Chesney, second by Jaeger to advise the City of Robbinsdale that Project SC2018-007 is approved conditioned on the applicant posting a sign at the boat launch as soon as possible that notifies the public about the project. *Motion carried unanimously.*

D. SC2018-008 Arbor Lakes Business Park Streets and Utilities, Maple Grove.* Construction of approximately 6,500 linear feet of streets and the installation of associated utilities (Revere Lane N and Fountains Drive) to provide access to the Arbor Lakes Business Center. The site, located at approximately 10900 Elm Creek Boulevard, consists of 8.88 acres of right-of-way, which is currently completely pervious. Following development, the site will be 64 percent impervious, with 5.67 acres of impervious surface. The complete project application was received on April 3, 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. If a sump is used the MnDOT Road Sand particle size distribution is acceptable for 80% capture. This project is located within the Gravel Mining Area at Arbor Lakes (GMAAL) and all water leaving the site has been accounted for by the regional ponds under City ownership. 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. Located within the GMAAL, 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" of runoff from new impervious area within 48 hours. The new impervious area on this site is 5.67 acres. However, this project falls within the GMAAL 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. There are no Public Waters or floodplain on this site.

An erosion control plan was submitted with the project review which includes rock construction entrances and inlet protection. The developer of Arbor Lakes Business Park, and not the applicant, will be installing perimeter silt fence and other perimeter controls because the developer is responsible for mass grading of the corridor. The applicant will include approximately 500 linear feet of silt fence in their budget for spots that may need additional silt fence. The erosion control plan meets Commission requirements.

A public hearing on the project was conducted on February 20, 2018 as part of Planning Commission and City Council review of this project, meeting Commission public notice requirements.

Motion by Jaeger, second by Chesney to advise the City of Maple Grove that Project SC2018-008 is approved with no conditions. *Motion carried unanimously.*

VI. Watershed Management Plan.

A. Minor Plan Amendment.* To date the only CIP action proposed by a member city that would require a Minor Plan Amendment (MPA) is the substitution of the Bass and Pomerleau Lakes Alum Treatment Project for the generic "Lake Internal Load" project in 2018. In addition, the Commission has proposed a Section 319 grant research project (recommended by the MPCA for funding) that would require an addition to the CIP. The TAC and Commission can make other revisions to the CIP such as moving projects to different years without need for an MPA.

This proposed Minor Plan Amendment would revise the CIP to specify that the 2018 generic Lake Internal Load Project is the Bass and Pomerleau Lakes Alum Treatment Project, updating the project cost, and adding the SRP Reduction Project, both in 2018. The proposed CIP and MPA process for 2018 is the typical process with one difference. Instead of holding the public hearing on 2018 projects and certification of levies in September, Staff propose to hold the hearing in July. This will allow the Commission to order and Plymouth to bid the project so that a contract can be awarded in September for October alum application.

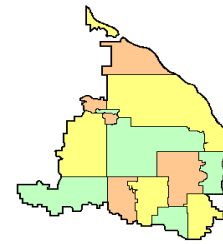
Because it is a joint Plan both Commissions must authorize proceeding with the Minor Plan Amendment. The Commissions must send a copy of the proposed minor plan amendment to the member cities, Hennepin County, the Met Council, and the state review agencies for review and comment, and must hold a public meeting (not a hearing) to explain the amendment. This meeting must be public noticed twice, at least seven and 14 days prior to the meeting. Hennepin County will be undertaking a parallel process of review and public hearing.

Motion by Orred, second by Chesney to move forward with the public meeting, setting the date of the public meeting as May 10, 2018. *Motion carried unanimously.*

Motion by Butcher, second by Jaeger to move forward with the public meeting, setting the date of the public meeting as May 10, 2018. *Motion carried unanimously.*

B. Staff's review of the **City of Maple Grove Local Surface Water Management Plan** was inadvertently omitted from the meeting packet. It will be included on the May meeting agenda.

C. BWSR BBRs.* Every two years the Board of Water and Soil Resources (BWSR) requests information from organizations in the state to help them develop and support their biennial budget request before the Legislature. For SWCDs and other entities that receive ongoing operational funding from BWSR preparing a BBR is mandatory. For other entities such as Metro WMOs, who may only be requesting Clean Water Fund grants, this is voluntary. It helps BWSR to make a case before the legislature about the level of need and desire for funding.



Included in the meeting packet is a BBR for Shingle Creek. When reviewing it, note that even though projects may occur in the FY20-21 biennium (beginning July 2019), if state funding has been received already, such as the Becker Park project or the alum treatment projects, “\$0 requested” is reported because that money has already been secured. The local match is reported because that helps BWSR report on funds leveraged by grant funds. The BBRs are due today.

VII. Water Quality.

A. 2017 Annual Water Report.* Langer was present to provide a recap of the water quantity and quality monitoring that occurred in the watersheds in 2017. He reported that trends in water quality are mostly stable, but there are some encouraging signs.

Three of the lakes— Lower Twin Lake, Ryan Lake, and Schmidt Lake – have been delisted on the pending 303(d) list of Impaired Waters due to improvements to water quality. And water quality in Shingle Creek at the outlet monitoring site in Minneapolis shows an *improvement* – a decreasing trend in total phosphorus (TP) and total suspended solids (TSS). In 2017, many stream pollutant concentrations (TSS, TP, NO₂/NO₃) were among the best seen throughout the monitoring history of Shingle Creek. This improvement is likely the result of several factors, including improved erosion control and street sweeping in the watershed; the ban on phosphorus in fertilizer; retrofitting Best Management Practices in the watershed, both as part of redevelopment and as stand-alone projects; and stream stabilization projects reducing bank erosion.

Motion by Chesney, second by Jaeger to accept the *2017 Annual Water Report*. *Motion carried unanimously.*

Motion by Jaeger, second by Chesney to accept the *2017 Annual Water Report*. *Motion carried unanimously.*

B. Submersed Aquatic Vegetation (SAV) Management Policy.* The Commission and the Technical Advisory Committee (TAC) have several times discussed a proposed SAV Management Policy.* The purpose of the policy is to set forth the conditions under which the Commission would lead and fund the treatment of aquatic invasive species.

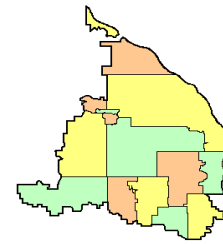
In discussions with some other WMOs and cities that have undertaken internal load projects, Staff have found that post-construction treatment of invasive species is common, with management extending to a point where the AIS coverage is under control. This may take two to three years on many lakes, and five years or more on lakes that are highly infested. In the latter case, the first few years are often more extensive treatment, followed by a few years of tapering down to spot treatment.

For the most part WMOs and cities have limited participation in managing native species for access and recreation, which is primarily left to lake associations or individual property owners. The DNR has informed us that there are currently nine Lake Improvement Districts in the Metro area, five of which were formed for aquatic vegetation management/AIS management.

Point #6 of the draft SAV policy includes the statement, “The Commission will not participate financially in the cost of SAV management performed for recreation and access purposes.” In researching SAV management by other WMOs, Staff learned that the Bassett Creek management plan includes the following policy:

#79: The BCWMC will support and collaborate with other entities (e.g., agencies, lake association, cities, counties) to manage and prevent the spread of aquatic invasive species; BCWMC services may include point-intercept surveys of aquatic vegetation, feasibility studies, technical analysis, education, exploring funding options, and applying for grants. The BCWMC will not manage increased growths of native aquatic vegetation resulting from improved water quality.

Staff believe the underlined statement would be a useful addition to point #6 to very clearly state that the Commission will not manage native vegetation (even if the property owners think it is a nuisance) and will not manage SAV strictly for recreation or access. Lakeshore property owners wanting to clear their



shoreline for swimming or boat access can continue to exercise their SAV management rights directly with the DNR. That statement has been added to #6 on the SAV Policy included in the meeting packet.

The cost of SAV management was included in the Bass and Pomerleau Lakes Project cost and funding, but was not included in the Twin Lake Carp Management Project cost and funding. The estimated cost of SAV management on Upper Twin is \$30,000-40,000. There will likely be some savings in the fish barrier part of the project budget that can be reallocated to SAV management.

The closed projects account can also be tapped for some project costs. It will have an estimated \$50,000 of available balance at the conclusion of the 2017 financial audit. Any use of that fund will be soon replenished. Within the next few years two capital projects will be closed out with significant contributions to the closed projects account. An estimated \$25,000 will be available from the Biochar project (one fewer pond than expected constructed) and \$50,000 from the Bass and Pomerleau Alum Treatment project (levied for a larger project, also received an unanticipated Clean Water Fund grant.)

As part of future budget discussions, the Commission may wish to allocate an annual amount for ongoing spot treatments, but that may not be necessary for at least a few years, since the initial costs will be borne by project funds.

The TAC considered the SAV Management Policy with the addition of the Bassett Creek language at its March 29, 2018 meeting. TAC and staff recommend that the Commission adopt the enclosed policy.

Motion by Jaeger, second by Chesney to adopt the Submersed Aquatic Vegetation (SAV) Management Policy as presented. *Motion carried unanimously.*

C. Pike Lake Subwatershed Assessment.* The City of Maple Grove has requested that a subwatershed assessment be completed in that part of Maple Grove that is tributary to Pike Lake. The Commission previously completed an assessment for the part of the subwatershed that is in the City of Plymouth. This would identify potential BMPs to reduce nutrient loading to Pike Lake.

The Commission budgets \$20,000 annually for these assessments. Maple Grove would like to use its own consultant, WSB, to complete this work. This would require the Commission to enter into a cooperative agreement* with Maple Grove wherein the Commission agrees to reimburse the City to a maximum of \$20,000.

The TAC discussed this request at its March 29, 2018 meeting and recommends its approval. The Commission's attorney was asked to draft the agreement for the Chair and the City to execute. It is included in the meeting packet.

Motion by Jaeger, second by Orret to approve the agreement. *Motion carried unanimously.*

D. Hennepin County Cooperative Agreement.* The 2018 agreement calls for River Watch and Wetland Health Evaluation Program (WHEP) services at a cost not to exceed \$5,000. Motion by Chesney, second by Orred to authorize the Chair to sign the agreement on behalf of the Commission. *Motion carried unanimously.*

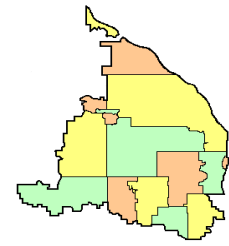
VIII. Education and Public Outreach.

A. West Metro Water Alliance (WMWA) Update.*

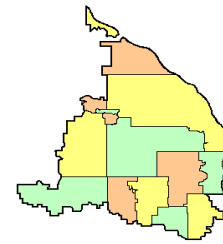
1. WMWA has switched over its email distribution system for the **WaterLinks e-newsletter** from Hennepin County to MailChimp. To continue to receive *WaterLinks*, or to newly subscribe, sign up at westmetrowateralliance.org/contact.html. The next issue of *Water Links* will be out in the second quarter of 2018 and will feature summer-related content.

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. Included in the update are the website **Google Analytics*** for March 2018 and the **Facebook insights** for the last 28 days for both SCWM and WMWA.



4. The next **WMWA meetings** are scheduled for 8:30 a.m., Tuesday, May 8, 2018, and Tuesday June 12, 2018, at Plymouth City Hall.



B. The 17th Annual Great Shingle Creek Watershed Clean Up will occur this year the week of Earth Day (April 16-22). A few events may occur the following week depending on timing. All cities are encouraged to work with their volunteers to schedule cleanups throughout the cities. Many cities with established Adopt-A programs encourage their volunteers to have their first cleanup that week with a special message around water quality.

C. Upcoming Workshops. Upcoming outreach events, most of which are provided by through Blue Thumb/ Metro Blooms. Find out more at westmetrowateralliance.org/

1. Resilient Yard Workshops
 - a. St. Louis Park, March 29 6:00-8:30 p.m.
 - b. Champlin, April 4 6:30-9:00 p.m.*
 - c. Plymouth, April 17 6:00-8:30 p.m.*
 - d. North Minneapolis, April 28 11:00-1:30 pm
 - e. Crystal, May 10 6:00-8:30 p.m.*
 - f. Brooklyn Center, May 15 6:00-8:30 p.m.*
**Includes plant sales by Minnesota Native Landscaping*
2. Turf Alternative Workshops
 - g. St. Louis Park, April 12 6:30-8:00 p.m.
 - h. North Minneapolis, May 19 11:00-12:30 p.m.
 - i. Robbinsdale – not scheduled yet

IX. Grant Opportunities and Updates.

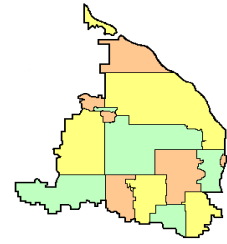
A. The Section 319 CWA Dissolved Phosphorus Reduction Grant Application,* approved for submittal by the Commission at their February meeting, was submitted by the March 2, 2018 deadline. This project was added to the Commission’s CIP in the 2018 Minor Plan Amendment.

B. FEMA Floodplain Mapping. Matthiesen provided a brief update. At the March meeting Staff recommended moving forward with the DNR to finalize the work plan and to secure the \$50,000 for Shingle Creek. Since this work will be completed in 2018 and 2019, Staff further recommended that Shingle Creek fund the additional ~\$25,000 in the 2019 budget by: 1) reallocating the \$20,000 typically budgeted for subwatershed assessments; and 2) reallocating \$5,000 from other line items to be determined during the 2019 budget process in May 2018. The scope of work in the West Mississippi watershed will be further discussed at the March 29 TAC meeting and a recommendation will be brought forth to the Commission when more information is available.

C BWSR Pilot Funding Project.* A third “pre-meeting” of watershed administrators was held March 30, 2018 to discuss options for allocating the Metro Area One Water One Plan (1W1P) Watershed-Based Funding Pilot Program dollars over the next few years. In addition, a Mississippi Basin committee and a chloride committee met to discuss potential programming. Juntunen attended for the watersheds. As a reminder, Hennepin County will be receiving \$1.018 million per year for the next two years, to be expended by December 31, 2021. The group will refine options and develop recommendations for the formal planning meeting, 1:30 p.m., May 16, 2018, Plymouth Library, to which all eligible entities will be invited by Hennepin County.

The Mississippi Basin watersheds will be meeting once more before the formal planning meeting to refine the project prioritization criteria. Each WMO submitted up to two priority projects which will be ranked by those criteria. The chloride committee will also be bracketing the potential chloride management costs so the recommended “amount off the top” is known going into the planning meeting. They will also be checking in with other counties to see if there is interest in pursuing a multi-county or Metro Area approach.

D. The Bass and Pomerleau Lakes Alum Clean Water Fund Grant application was approved for full funding (\$267,040) by BWSR last December. The grant agreement has been executed and Staff is working with BWSR to submit a work plan and contract and expect those to be **in place this month**. The next steps include holding meetings with the lake associations **in April**.



E. Twin Lake Carp Project. The carp have schooled up again; however, a second capture did not occur. An attempt will be made to remove the carp from the channel between the Twin Lakes **in April.**

X. Communications.

March Communications Log.* No items required action.

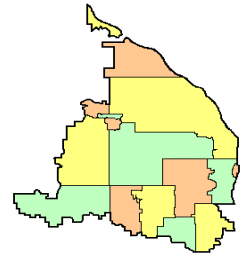
XI. Adjournment. There being no further business before the Commissions, the meetings were adjourned at 3:13 p.m.

Respectfully submitted,

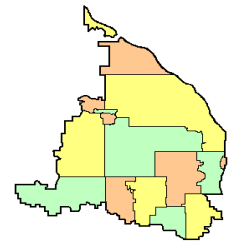
A handwritten signature in black ink that reads "Judie A. Anderson". The signature is cursive and somewhat stylized.

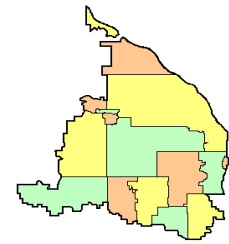
Judie A. Anderson
Recording Secretary
JAA:tim

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Motion by ****





X. Communications.

February Communications Log.* No items required action.

XI. Adjournment. There being no further business before the Commissions, the meetings were adjourned at 2:25 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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