

April 7, 2022

Technical Advisory Committee
Shingle Creek and West Mississippi
Watershed Management
Commissions
Hennepin County, Minnesota

The agendas and meeting packets for both the TAC and regular meetings are available to all interested parties on the Commission's web site at
<http://www.shinglecreek.org/tac-meetings.html> and
<http://www.shinglecreek.org/minutes--meeting-packets.html>

Dear Members:

A joint regular meeting of the Shingle Creek and West Mississippi Watershed Management Commissions will be held **Thursday, April 14, 2022**, at 12:45 p.m., in the downstairs Community Room in Crystal City Hall, 4141 Douglas Drive. **This will be an in-person meeting.**

The Technical Advisory Committee (TAC) will meet prior to the regular meeting at 11:30 a.m., also in person.

The second 2022-2023 WBIF Convene meeting will take place during the TAC meeting.

Meetings remain open to the public via the instructions above.

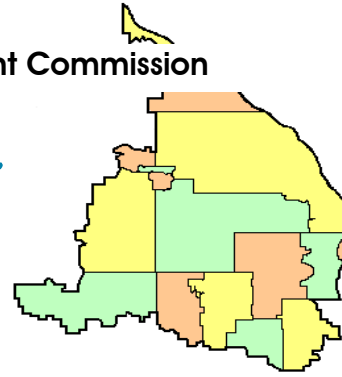
Please email me at judie@jass.biz to confirm your attendance at the TAC meeting. Thank you.

Regards,

Judie A. Anderson
Administrator

cc:	Alternate Commissioners	Member Cites	Troy Gilchrist	TAC Members
	Stantec	BWSR	MPCA	Met Council

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A meeting of the joint Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions is scheduled for **11:30 a.m., Thursday, April 14, 2022**, in the Community Room at Crystal City Hall..

April 14, 2022

A G E N D A

1. Call to Order.
 - a. Roll Call.
 - b. Approve Agenda.*
 - c. Approve Minutes of Last Meeting.*
2. Fourth Generation Plan.
 - a. Updates.*
 - b. CAC Schedule and Meeting Results.*
3. Third Generation Plan.
 - a. 2022 Draft CIP.*
 - b. 2022 Rules and Standards Minor Plan Amendment.*
3. April 2022-2023 WBIF Convene Meeting.
 - a. Options.*
 - b. Funding Ideas.*
4. Other Business.
5. Next TAC meeting is scheduled for May 12, 2022.
6. Adjournment.

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MINUTES
March 10, 2022

A virtual meeting of the Technical Advisory Committee (TAC) of the Shingle Creek and West Mississippi Watershed Management Commissions was called to order by Chair Richard McCoy at 10:32 a.m., Thursday, March 10, 2022.

Present: Jay Hill, Brooklyn Center; Mitchell Robinson, Brooklyn Park; Heather Nelson, Champlin; Mark Ray, Crystal; Derek Asche, Maple Grove; Liz Stout and Katie Kowalczyk, Minneapolis; Nick Macklem, New Hope; Amy Riegel and Ben Scharenbroich, Plymouth; Richard McCoy, Robbinsdale; Diane Spector, Katie Kemmitt, and Erik Megow, Stantec; Steve Christopher, Board of Water and Soil Resources; and Amy Juntunen and Judie Anderson, JASS.

Not represented: Osseo.

Also present: Burt Orred, Jr., Crystal; Karen Jaeger, Maple Grove; and Kris Guentzel, Hennepin County Dept. of Environment and Energy (HCEE).

- I. Motion by Ray, second by Riegel to **approve the agenda**.** Motion carried unanimously.*
- II. Motion by Ray, second by Riegel to **approve the minutes*** of the February 10, 2022, meeting.*Motion carried unanimously.*
- III. **Fourth Generation Watershed Management Plan.** Attached to Staff's March 3, 2022, memo* were three items for discussion:

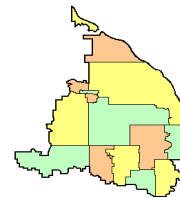
A. Sample **Citizens Advisory Committee presentation*** of the Fourth Generation Plan given to the City of Maple Grove's Lake Quality Commission on February 16, 2022.

B. Rules Revisions. Updated memo* summarizing the need for and proposed language bringing the rules into conformance with the latest NPDES permit and some other housekeeping changes. Members were asked to review the Rules and Standards* and propose final edits with the goal of having a "clean" edited version at the April meeting, ready to initiate the Minor Plan Amendment process so as to adopt the revisions in May, effective June 1.

It was suggested to add some of the "exclusions" and to add a definition for linear projects.

C. Monitoring program framework.* Members continued to discuss the existing monitoring program to see if it still meets the needs of the Commissions and the cities. For example, is there value to continuing monitoring outflow in West Mississippi? Can we adjust the frequency of monitoring in the lakes in Shingle Creek? Should we test for new parameters? Should we do targeted monitoring on outfalls into the creek?

It was a consensus that the Commissions continue to gather information that could lead to future projects, but not just collect information for collection's sake. Staff will bring back suggested verbiage for West Mississippi monitoring.



D. Staff gave a presentation of the **Website Interactive Map**. On the wetlands page they will credit the wetland sources and provide a disclaimer that the wetlands shown are not all of the wetlands in the watersheds. They will design individual pages for watershed projects. They will also include city projects, which will be linked back to the cities' websites.

IV. Other Business.

A. The Bassett Creek Watershed Management Commission will host an **Equity in Watershed Management Workshop** from 6-8 pm, Monday, April 25, 2022, at the Crystal Community Center, 4800 Douglas Drive, North, Crystal Room. Contact laura.jester@keystonewaters.com for more information.

B. The **next meeting** is scheduled for 10:30 a.m., April 14, 2022, prior to the regular Commission meetings.

C. There being no further business, the Technical Advisory Committee meeting was adjourned at 11:43 p.m.

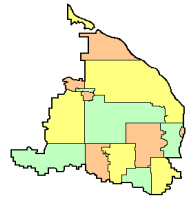
V. 2022-2023 Watershed-Based Implementation Funding (WBIF) Convene Meeting.

A. Present were Riegel and Robinson representing the member cities, Jaeger, representing the West Mississippi Commission, Guentzel, representing Hennepin County as the Soil and Water Conservation District, Christopher as the BWSR Board Conservationist, and Spector, serving as the facilitator. Absent was Ray Schoch, Minneapolis, representing the Shingle Creek Commission. It was agreed that members would use "consensus" as its decision-making process.

B. The Board of Water and Soil Resources (BWSR) biennially appropriates funding for a program called Watershed-Based Implementation Funding (WBIF). The WBIF funding is allocated to targeted watersheds to be distributed according to guidelines agreed upon by the eligible entities in the allocation area ("the Partnership"). The BWSR Board approved **allocations for fiscal year 2022**, including \$95,501 to the Shingle Creek partnership and \$75,000 to the West Mississippi partnership, which will become available July 1, 2022. A minimum 10% match is required. The grants expire December 31, 2025. The deadline to complete eLINK work plans for approval by BWSR is March 30, 2023.

C. At last month's TAC meeting, Staff advised the members to begin thinking about their **priorities and objectives for the funding**. Riegel volunteered to reach out to the members to solicit their recommendations. Activities eligible for funding must be focused on prioritized and targeted cost-effective actions with *measurable water quality results*. Funding is not limited to capital projects; anything in the Third Generation Plan's Implementation Plan may be eligible as long as its end goal is the protection and improvement of water quality. Christopher indicated that activities such as raingarden workshops qualify for funding since their goal is a water quality benefit. Other ideas shared by the members:

1. Subwatershed Assessments (SWAs) may be funded. There would be no requirement to implement a project identified as an outcome of the SWA.
2. Consider activities/projects to reduce allocations of the various TMDLs.
3. Projects could be added to the CIP by Minor Plan Amendment for eligibility for WBIF funding if that is approved prior to submitting a work plan.
4. Education and outreach in the form of visits to groups to inform regarding best management practices.



Spector will put together a list of eligible projects/activities for consideration at the April meeting.

D. There being no further business, the Convene meeting was adjourned at 12:10 p.m. The **next Convene meeting** will be held during the April 14, 2022, TAC meeting and will begin at 10:45 a.m.

Respectfully submitted,

A handwritten signature in black ink, reading "Judie A. Anderson".

Judie A. Anderson
Recording Secretary
JAA:tim

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To: Shingle Creek/West Mississippi WMO Commissioners

From: Todd Shoemaker, P.E.
Diane Spector

Date: April 8, 2022

Subject: Fourth Generation Plan Update

**Recommended
Commission Action**

For discussion and input.

Just a few items this month as we start to focus on the public input process.

1. *Equity in Watershed Management Workshop.* Reminder of this upcoming Workshop on Monday, April 25, 6-8 pm at the Crystal Community Center. Hennepin County Commissioner Irene Fernando will be the host of the evening. Several speakers will talk about strategies for enhanced inclusion and equity in our work as stewards of natural and water resources in the watersheds, and there will be an opportunity to break out into small groups to share thoughts and ideas.
2. *CAC Meetings.* Cities have started holding their first CAC meetings with citizen commissions. The initial meeting is focused on providing an overview of the WMOs and what they do and have achieved, to explore the issues that residents think are important, and get feedback about preferred methods of communication. The second meeting in a few months will review and get feedback on the specific strategies and actions that you will be focusing on over the next ten years.
3. *Other Public Input.* We will be developing and publishing a series of short online surveys over the next several weeks to obtain further input. Our plan is to disseminate the links to these surveys using city websites and social media, as well as social media and email lists that lake associations use to stay connected.
 - a. What are some things you'd particularly like to know?
 - b. Do you have some suggestions for obtaining additional feedback?

Shingle Creek and West Mississippi
Watershed Management Commissions
Record of Public CAC Meetings
As of 3-31-22

City	CAC	Meeting 1	Meeting 2
Brooklyn Center			
Brooklyn Park	CLIC	April 14	
Champlin	Env Resources Comm	April 4	
Crystal			
Maple Grove	Lake Quality Comm	Feb 16	
Minneapolis			
New Hope			
Osseo			
Plymouth	Env Quality Comm	April 13	
Robbinsdale			

To: Shingle Creek/West Mississippi WMO TAC

From: Todd Shoemaker, P.E.
Diane Spector

Date: April 8, 2022

Subject: 2022 Draft CIP

**Recommended TAC
Action**

Review current CIPs and suggest revisions as necessary.

Figures 1 and 2 attached show the most current version of the Commissions' CIPs. For each of the watersheds, most of the projects are either generic placeholder projects that await further definition when something comes up, or they are projects that still are not ready for implementation and just keep getting pushed back year to year.

At this point the projects definitely going forward are the Cost Share and Partnership Cost Share Programs. There has been some interest in pursuing the following, although nothing specific is pending:

- The Minneapolis Park Board may be interested on partnering on some Shingle Creek restoration projects along Shingle Creek and Creekview Parks, from the Queen Avenue bridge to 49th Avenue N, or even down to Webber Park. The MPRB has improvements scheduled in those parks in the next five years, which may be an opportune time to proceed.
- We've also had some interest in a stabilization project on Bass Creek in New Hope and Brooklyn park, from TH 169 to Cherokee Drive.
- We've also had some very early talks with Brooklyn Park about a natural channel design project on Shingle Creek in Brookdale Park, from the end of the Connections project to Xerxes Avenue.
- The next lake likely in line for internal load management is Eagle Lake, which could be combined with improvements on Pike Lake, which is connected to Eagle via a channel. However, no feasibility study has been done to determine what those improvements might be.

Each of these are consistent with the generic stream restoration or lake internal load projects and could be initiated likely without a minor plan amendment because they are in the text of the Plan as "possible locations." Unless any of the cities or the Commissions have an additional project to be added to the CIP, at this point it appears that there will be no need for a Minor Plan Amendment to revise the CIP.

Table 1. Current Shingle Creek CIP, as amended 2021.

CAPITAL IMPROVEMENT PROGRAM	2021	2022	Comments
Cost Share Program	200,000	200,000	
Commission Contribution	100,000	100,000	
Local Contribution	100,000	100,000	
Partnership Cost-Share BMP Projects	50,000	50,000	
Commission Contribution	50,000	50,000	
Local Contribution	0	0	
Palmer Creek Estates Channel Restoration	600,000		
Commission Contribution	600,000		
Local Contribution	0		
Channel Modification with SRP Filter Phase 2	125,000		
Commission Contribution	125,000		
Local Contribution	0		
Lake Internal Load Improvement Project		200,000	Unspecified
Commission Contribution		200,000	
Local Contribution		0	
Shingle Creek or Bass Creek Restoration Project		500,000	Unspecified
Commission Contribution		500,000	
Local Contribution		0	
Maple Grove Pond P57		648,000	Moved to future
Commission Contribution		162,000	
Local Contribution		486,000	
Maple Grove Pond P33		574,000	Moved to future
Commission Contribution		143,500	
Local Contribution		430,500	
Shingle Cr Brookdale Park Habitat Enhancement		150,000	Nothing pending
Commission Contribution		150,000	
Local Contribution		0	
Minneapolis Webber Park Stream Restoration		500,000	Nothing pending
Commission Contribution		500,000	
Local Contribution		0	
Minneapolis Flood Area 5 Water Quality Projects		6,000,000	Nothing pending
Commission Contribution		250,000	
Local Contribution		5,750,000	
Maple Grove Pond P55		855,000	Moved to future
Commission Contribution		213,800	
Local Contribution		641,200	
TOTAL PROJECT COST	1,025,000	9,227,000	
TOTAL COMMISSION SHARE	875,000	1,769,300	
TOTAL CITY SHARE	150,000	7,457,700	

Table 2. Current West Mississippi CIP, as amended 2021.

CAPITAL IMPROVEMENT PROGRAM	2020	2021	2022	Comments
Cost Share Program	100,000	100,000	100,000	
Commission Contribution	50,000	50,000	50,000	
Local Contribution	50,000	50,000	50,000	
River Park Stormwater Improvements	485,000			
Commission Contribution	121,250			
Local Contribution	363,750			
Miss Crossings Phase B Infiltration Vault	400,000			
Commission Contribution	100,000			
Local Contribution	300,000			
Partnership Cost Share Program		100,000	100,000	
Commission Contribution		100,000	100,000	
Local Contribution				
Champlin Woods Trail Rain Gardens			180,000	Moved per Todd
Commission Contribution			45,000	
Local Contribution			135,000	
Wetland Restoration Project			250,000	Nothing pending
Commission Contribution			62,500	
Local Contribution			187,500	
TOTAL PROJECT COST	985,000	200,000	630,000	
TOTAL COMMISSION SHARE	271,250	150,000	257,500	
TOTAL CITY SHARE	713,750	50,000	507,500	

To: Shingle Creek/West Mississippi WMC TAC

From: Diane Spector
Erik Megow, PE
Todd Shoemaker, PE

Date: April 8, 2022

Subject: 2022 Rules and Standards Minor Plan Amendment

**Recommended
TAC Action**

Final review of proposed revisions. Recommend that the Commission initiate a Minor Plan Amendment and hold a public meeting on May 12, 2022 to consider the adoption of the amendment to be effective June 1, 2022.

The Rules and Standards established in the Third Generation Watershed Management Plan are proposed for a Minor Plan Amendment (MPA). The Technical Advisory Committee (TAC) previously reviewed proposed revisions at several meetings.

The proposed Amendment would revise Appendix C of the Plan - the Rules and Standards - to 1) make the rules consistent with the most recent Minnesota General Stormwater Permit; and 2) make other various housekeeping revisions to the Rules.

If the TAC chooses to recommend to the Commissions to go forward with the Minor Plan Amendment, we recommend you suggest **setting May 12, 2022** as the public meeting at which it would be discussed. At that May 12 meeting, the Commissions would discuss and act on the proposed revisions. If approved, the revised Rules could go into effect June 1, 2022, or some other date if you prefer.

Attached is the proposed Notice of 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.

Notice of Minor Plan Amendment

Shingle Creek and west Mississippi Watershed Management Commissions

The Shingle Creek and West Mississippi Watershed Management Commissions propose to amend their joint *Third Generation Watershed Management Plan* to adopt revisions to Appendix C of that document – the development Rules and Standards – to conform the Rules to the most recent Minnesota General Stormwater Permit and the Minnesota Stormwater Manual and to make other housekeeping revisions.

The proposed minor plan revision is shown as additions (underlined) or deletions (~~strike-outs~~).

The Shingle Creek and West Mississippi WMC Third Generation Plan Appendix C Rules and Standards is hereby revised as follows:

1. Rule A is hereby revised as follows:

Fully Reconstructed Impervious. Areas where impervious surfaces have been removed down to the underlying soils. Activities such as structure renovation, mill and overlay projects, and other pavement rehabilitation projects that do not expose underlying soils beneath the structure, pavement, or activity are not considered fully reconstructed. Maintenance activities such as catch basin repair/replacement, utility repair/replacement, pipe repair/replacement, lighting, and pedestrian ramp improvements are not considered fully reconstructed.

Land Disturbing Activity. Any change of the land surface to include removing vegetative cover, excavation, fill, grading, and the construction of any structure that may cause or contribute to erosion or the movement of sediment into waterbodies. The use of land for agricultural activities shall not constitute a land disturbing activity under these Rules. Any activity on property that results in a change or alteration in the existing ground cover (both vegetative and non-vegetative) an/or the existing soil topography. Land disturbing activities include, but are not limited to: development, redevelopment, demolition, construction, reconstruction, clearing, grading, filling, stockpiling, excavation, and borrow pits. The use of land for agricultural activities shall not constitute a land disturbing activity under these Rules. Routine vegetation management, and pavement milling/overlay activities that do not disturb the material beneath the pavement base will not be considered land disturbance or fully reconstructed impervious surface.

Linear project. Linear projects are projects with construction of new or fully reconstructed roads, trails, sidewalks, or rail lines that are not part of a common plan of development or sale.

Low Opening. The low opening is the lowest elevation of an enclosed area, such as a basement, that allows surface water to into the enclosed area. Examples of low openings, include but are not limited to doors and windows. Foundation wall cracks, drainage seepage through drain tile, and sewer backup elevations are not low openings.

Redevelopment. The rebuilding, repair, or alteration of a structure, land surface, or facility for which over 50% of the parcel involved is disturbed by a land disturbing activity. Land-disturbing activity that creates or replaces impervious surface on a parcel that is fully or partially occupied by buildings and/or impervious surface with the exception of Linear Transportation Projects.

2. Rule B is hereby revised as follows:

8. PROJECT REVIEW APPROVAL RENEWALS AND TRANSFERS. Approval for a reviewed project is valid for one year from the date the applicant is advised in writing that the Commission has approved the project. To renew or transfer project review approval, the applicant must notify the Commission in writing, prior to the project approval expiration date, of the reason for the renewal or transfer request. The Commission may impose different or additional conditions on a renewal or deny the renewal in the event of a material change in circumstances.

3. Rule D.2.b is hereby revised as follows:

~~Linear projects that create one acre or more of new impervious surface must meet all Commission requirements for the net new impervious surface. Such projects will be reviewed by the commission or commissions in which the project is located.~~
For linear projects, the water quality volume must be calculated as the larger of one (1) inch times the new impervious surface or one-half (0.5) inch times the sum of the new and the fully reconstructed impervious surface. Where the entire water quality volume cannot be treated within the existing right-of-way, a reasonable attempt to obtain additional right-of-way, easement, or other permission to treat the stormwater during the project planning process must be made. Volume reduction practices must be considered first, as described in the General Stormwater Permit. Volume reduction practices are not required if the practices cannot be provided cost effectively. If additional right-of-way, easements, or other permission cannot be obtained, owners of construction activity must maximize the treatment of the water quality volume prior to discharge to downstream waterbodies.

- (1) For Linear projects that are able to meet the 1.0- or 0.5-inch water quality requirement, the applicant does not need to provide any further volume control or water quality analysis.
- (2) For Linear projects that are unable to meet the 1.0- or 0.5-inch water quality requirement, the applicant needs to provide the following:
 - (i) Show that a reasonable attempt was made to meet the water quality requirement by providing:
 - (a) A summary of additional easements that could be acquired, if space and right-of-way is limiting the feasibility of constructing BMPs.
 - (b) A detailed summary of alternatives that were considered.
 - (ii) Maximize the treatment of the water quality volume.
 - (a) At a minimum, the project needs to provide BMPs that provide rate control and limit TSS/TP Loads to existing conditions.

4. Rule D.3.g is deleted in its entirety.

5. Rule D.3.h is renumbered D.3.g and is hereby revised as follows:

- g. Volume Control: Volume control BMPs must be incorporated into the site design to minimize the creation of new impervious surface and reduce existing impervious surfaces, minimize the amount of directly connected impervious surface, preserve the infiltration capacity of the soil, and limit increases in runoff volume exiting the site to the extent feasible considering site-specific conditions.
- (1) ~~Examples of BMPs that preserve pervious areas and reduce runoff volume can be found in "Protecting Water Quality in Urban Areas" (MPCA, 2000, as amended); the "Minnesota Urban Small Sites BMP Manual" (Metropolitan Council 2001, as amended); the "Minnesota Stormwater Manual" (MPCA, 2005, as amended) and~~

~~other BMP guidance manuals.~~ Design and placement of volume control BMPs shall be done in accordance with the Minnesota Stormwater Manual guidance and requirements.

- (2) Stormwater runoff volume abstraction via infiltration shall be provided onsite in the amount equivalent to ~~one 1.1 inch times the impervious surface required to be treated of runoff generated from impervious surface~~ in accordance with Tables 2.1 and 2.2. The required stormwater runoff volume shall be calculated as follows:

$$\text{Required Volume (ft}^3\text{)} = \text{Impervious surfaces (ft}^2\text{)} \times 1.1(\text{in}) \times 1/12 (\text{ft/in})$$

- (iii) If infiltration is prohibited or not feasible for the project, filtration BMPs can be used to meet the volume and water quality requirements.
- (a) If filtration of the water quality volume is deemed necessary through alternative compliance sequencing, the required stormwater runoff volume shall be multiplied by 1.82 (i.e. 55% filtration credit) and the filtration BMP shall provide this storage volume below the invert of the low overflow outlet of the BMP (perforated drain pipes for filtration will not be considered the low overflow outlet).
 - (b) If iron-enhanced sand is used as a filtration media, the required stormwater runoff volume shall be multiplied by 1.25 (i.e. 80% filtration credit), and the filtration BMP shall provide this storage volume below the invert of the low overflow outlet of the BMP pipes for filtration will not be considered the low overflow outlet).
 - (c) Iron-enhanced media shall include a minimum of 5% of iron filings by weight and shall be uniformly blended with filtration media.
 - (d) Other enhanced filtration media, including mechanical treatment devices (MTDs), may be considered and credited per guidance within the Minnesota Stormwater Manual.

6. Rule D.3.h is hereby added as follows:

- (h) Water Quality Control: The water quality requirement is met, if the project meets the volume control requirement outlined in 3(g).
- (1) Where infiltration is not advisable or infeasible due to site conditions, biofiltration must be provided for that part of the abstraction volume that is not abstracted by other BMPs. Where biofiltration is infeasible, at a minimum filtration through a medium that incorporates organic material, iron filings, or other material to reduce soluble phosphorus must be provided.
 - (2) There shall be no net increase in total phosphorus (TP) or total suspended solids (TSS) from pre-development land cover to post-development land cover. Pre-development land cover is defined as the predominant land cover over the previous 10 years.
 - (i) Full abstraction of 1.1 inches of runoff from all impervious surface will satisfy (h).
 - (ii) If it is not feasible to achieve the full 1.1 inch abstraction requirement, a combination of BMPs may be used to achieve the no-net-increase requirement using a water quality calculation methods as outlined in the Minnesota Stormwater Manual.
 - (iii) If permanent sedimentation and water quality ponds are used they shall be designed to the standards set forth in the Minnesota Stormwater Manual.
 - (iv) Runoff may be directed to a downstream facility within the same hydrologic subwatershed that has sufficient capacity to provide the required treatment. This means that no treatment may be required for an individual development

provided there is a regional facility designed and constructed to accommodate the flow from this property.

To: Shingle Creek/West Mississippi WMO Commissioners/TAC

From: Diane Spector

Date: April 8, 2022

Subject: Shingle Creek/West Mississippi WBIF Convene Meeting #2

**Recommended
Convenor Action**

Continue to discuss options

At our second convene meeting we will continue to discuss potential opportunities for funding, starting to develop priorities and strategies to guide the selection process.

A subgroup of city representatives met to brainstorm ideas for funding; their input is attached. A table of potential general activities is also attached. Please review and bring any additional items to the meeting for further discussion.

1. The amount allocated to the Shingle Creek Watershed Area is **\$95,501, and to West Mississippi is \$75,000**, which will become available July 1, 2022 and expire December 31, 2025. Funding must be focused on prioritized and targeted cost-effective actions with *measurable water quality results* that were identified in the implementation section of a state approved and locally adopted comprehensive watershed management plan.
2. The BWSR-Recommended Convene Meeting Process:
 - a) Choose a facilitator. (*Selected SCWM WMC*)
 - b) Choose a decision-making process. (*Selected consensus*)
 - c) Decide how to select activities for funding. Note that partnerships may also want to choose funding targets for different categories (e.g., projects, studies, education).
 - d) Select the highest priority, targeted, measurable, and eligible activities to be submitted to BWSR as a budget request.
 - e) Confirm which entity will serve as grantee and/or fiscal agent for each selected activity and decide on the source of the 10% required match.
3. Discuss preference for funding:
 - a) Limit to one or two activities or fund several activities.
 - b) Focus on one or two specific resources (one or two lakes; a stream)
 - c) Fund an existing CIP project or projects.
 - d) Solicit new ideas.
 - e) Other
4. Discuss and generate specific options for funding, starting with attached.

Table 1. Potential WBIF-Funded Actions

Action	Partners	Total
CIP Projects		
Feas study and concept design, Shingle Cr Brookdale Park	B Park	20,000-25,000
Internal load feasibility: Eagle, Pike	Maple Grove	15,000-30,000
Feas study and concept design, Shingle Cr Minneapolis	Mpls, MPRB	20,000-25,000
TMDL Actions		
Rough fish management: Upper/Middle Twin		25,000-50,000
CLP management: Upper Twin		25,000-30,000
Small BMPs (add to cost share program)		50,000-100,000
Small BMPs (add to partnership program)		25,000-50,000
SWAs		
Implementation items in ID'd areas		50,000-100,000
Additional SWA in priority area		20,000-30,000
Education and Outreach		
Targeted ed/outreach: nutrients and sediment	HCEE, WMWA, cities	10,000-50,000
Targeted ed/outreach: chloride	HCCI, WMWA, cities	10,000-20,000
Contribution toward shared staff person (over 2years, each watershed)	WMWA	20,000-30,000

Ideas for Watershed-Based Implementation Funding in SCWMC/WMWMC

Shingle Creek: **\$95,501**

West Mississippi: **\$75,000**

TOTAL: \$170,501

Shingle Creek Ideas	West Mississippi Ideas
<ul style="list-style-type: none">• Targeted education and outreach for nutrient and chloride reduction• Targeted education and outreach to landowners to help them install stormwater management features on their property• Subwatershed assessments• Buffer for programmed projects in case of costs exceeding the budget due to inflation• Targeted street sweeping• Implementation from previous subwatershed assessments• Shingle Creek outfall repair/slope stabilization (4 outfalls in Minneapolis)	<ul style="list-style-type: none">• Subwatershed assessments• Targeted street sweeping• Targeted education and outreach to landowners to help them install stormwater management features on their property• Implementation from previous subwatershed assessments