

Final Meeting Notes: Wednesday, August 14, 2024

Badger Mill Creek Stakeholder Group

Agenda, notes, and meeting materials at www.madsewer.org/bmc-plus/

Desired outcomes:

- Information gathered to support decision on projects to recommend to MMSD Commission for funding
- Shared understanding of next steps

Participants:

- Melissa Michaud, CARPC
- Nick Bower, CARPC
- Jeremy Balousek, Dane County Land & Water Resources Department
- Joleen Stinson, Dane County Parks Division
- Ben Schulte, City of Fitchburg
- Chris Barnes, Town of Verona
- Pat Bergen, Friends of Badger Mill Creek Environmental Corridor
- Martye Griffin, Madison Metropolitan Sewerage District
- Topf Wells, Trout Unlimited Southern Wisconsin Chapter
- Robert Bohanan, Upper Sugar River Watershed Association
- Jamie Aulik, City of Verona
- Alison Lebwohl, Alison S. Lebwohl Consulting (facilitator)
- Mike Rupiper, EOR (facilitator)

Other Attendees:

- Amanda Wegner, Madison Metropolitan Sewerage District
- Bill Walker, Madison Metropolitan Sewerage District
- Laura Hicklin, Dane County Land & Water Resources Dept.
- Rick Eilertson, AECOM
- Beth Tucker Long, Friends of Badger Mill Creek Environmental Corridor

Topic	Decisions, information gathered, actions
Project Proposal Presentations	<p>The group heard 8 project proposal presentations by spokespersons for each project listed below. This was followed by a questions and answer period. The project proposal sheet versions reviewed and discussed at the meeting are attached.</p> <ul style="list-style-type: none">• Watershed management plan - Robert Bohanan, Upper Sugar River Watershed Association• Goose Lake – baseflow augmentation - Ben Schulte, City of Fitchburg• Deep well – baseflow augmentation – Martye Griffin, MMSD• Low-flow depth and velocity enhancement – baseflow augmentation – Martye Griffin, MMSD• Groundwater recharge - Jeremy Balousek, Dane Co Land & Water

	<ul style="list-style-type: none"> • USGS monitoring - Nick Bower, CARPC • Habitat Restoration – Dane Co. / FoBMC • Agricultural / Urban Phosphorus Management Practices – Pat Bergen, FoBMC <p>Key Discussion / Decision Points.</p> <ul style="list-style-type: none"> • The group agreed that there are a lot of commonalities between the “Low-flow depth and velocity enhancement – baseflow augmentation” which is essentially a stream restoration project and the “Habitat Restoration” project proposals. They will be combined into a joint project proposal. • It was also noted that, according to Dane County research, historically this segment of Badger Mill Creek was a wetland rather than a stream. So, opportunities to re-meander it may be limited. • It was noted that the scope / first phase of the groundwater recharge proposal is now focused on the WGNHS groundwater model update for this area. • It was noted that the Goose Lake – baseflow augmentation proposal includes the Quarry Ridge area and is currently estimated to provide a flow of ~ 25% of the existing effluent return. Aeration is planned to be provided to improve dissolved oxygen. • The cost estimate for USGS monitoring was updated to \$55,000 in year 1, and \$35,000 to \$40,000 annually thereafter based on input from USGS.
<p>Straw Poll: Projects & Roles</p>	<p>Straw Poll (non-binding) dot voting by organization for each project on:</p> <ul style="list-style-type: none"> • Organization's level of support for recommending each of the project proposals; and • Organization's willingness to participate in each of the project proposals <p>See attached photos below for result of dot voting straw poll.</p>
<p>Next Steps</p>	<ul style="list-style-type: none"> • No September Meeting • Final Project Proposal Sheets due Wed., Sept. 25th • Draft project report sent by Wed., Sept. 25th • Next meeting scheduled for Wed., Oct. 9th • District presentation in late October or early November.



Based on the currently available information, what is your organization's level of support for recommending each of the project proposals listed below:

	Love it	I can live with it	I need more information	I'd prefer not	Deal breaker
Watershed Management Plan					
Baseflow Augmentation 1 - Goose Lake					

Groundwater Recharge - inset model					
USGS Monitoring					
BMC Restoration					

Baseflow Augmentation 2 - Low Flow Channel		↑	↑	↑	↑	↑
Baseflow Augmentation 3 - Groundwater Pumping - Deep Well						
Agricultural / Urban Phosphorus Management Practices						

Based on the currently available information, what is your organization's willingness to participate in each of the project proposals defined as follows:

Lead: Will contribute staff time and other resources to make this project happen

Supporting: Will provide advice, consultation, or letters of support, but no resources.

Not participating: Will not help move this project forward

	Lead	Supporting	Not Participating
Watershed Management Plan			

Baseflow Augmentation 1 - Goose Lake			
Groundwater Recharge - inset model			
USGS Monitoring			
BMC Restoration			



Baseflow Augmentation 2 - Low Flow Channel			
Baseflow Augmentation 3 - Groundwater Pumping - deep well			
Agricultural / Urban Phosphorus Management Practices			