



Bassett Creek Watershed Management Commission

Aquatic Plant Management/Aquatic Invasive Species Committee Meeting Tuesday, September 27, 2016 ~ 8:30 – 10:00 a.m.

Council Conference Room, Golden Valley City Hall ~ Golden Valley MN

1. **Welcome and Introductions**
2. **Review BCWMC Related Goals and Policies (see page 4)**
3. **Determine Objectives of BCWMC Role in APM/AIS (Answering the “WHY?”)**

The committee should discuss and complete the following table at the meeting by placing check marks in the “Commission involvement” columns and adding additional objectives, if needed.

PRIMARY OBJECTIVE	Commission Should Be Involved	Commission Should NOT Be Involved
Activities that improve water quality		
Activities that improve habitat and the overall ecology of the waterbody		
Activities that improve recreation		
Activities that improve aesthetics		

4. **Review the Different Categories of Waterbodies in the Watershed (Considering the WHERE?)**

The Commission’s role may depend on the type of waterbody being considered. There are several different categories of waterbodies in the watershed (see list below and map attached in email).

[NOTE: The committee may want to set aside the question of “where” until after the discussion of “how” in #6.]

- A. **Priority 1 Lakes**– “MDNR Public Waters” Lakes, greater than 10 acres, with public access or adjacent to public land
- B. **Priority 2 Lakes** – “MDNR Public Waters” Lakes, greater than 10 acres, without public access or adjacent to public land
- C. **Priority 1 Streams** – “MDNR Public Waters” Watercourses
- D. **MDNR Public Waters, no BCWMC priority**
- E. **Non-MDNR Public Waters, no BCWMC priority**

5. **Review Different Invasive Species in Bassett Creek Watershed (Considering the WHAT?)**

Some invasive species are already here and others are nearby. The committee should discuss if there are species that should NOT be addressed by the BCWMC. [NOTE: The committee may want to set aside the question of “what” until after the discussion of “how” in #6.]

Species already known in BCWMC:

- A. **Curly-leaf Pondweed** in lakes Crane, Lost, Medicine, Northwood, Parkers, Sweeney, Twin, Westwood, Wirth; and Main Stem Bassett Creek at Irving Avenue
- B. **Eurasian Watermilfoil** in Medicine Lake and Parkers Lake
- C. **Yellow Iris** in Sweeney Lake
- D. **Chinese Mystery Snail** in several ponds in Golden Valley
- E. **Carp** in Sweeny Lake, Twin Lake, Medicine Lake and likely several other lakes and streams
- F. **Purple loosestrife** : ubiquitous
- G. **Hybrid cattails**: ubiquitous

Species in nearby waterbodies:

- A. **Zebra mussels**
- B. **Flowering rush**
- C. **Starry stonewort**

6. **Discuss Possible Commission Roles per Activity (Answering the “HOW?”)**

The committee should discuss and work to complete the table on the following page by adding check marks under “Commission Role” to indicate how the Commission **should** be involved with various activities. Let’s set aside the issue of cost for the moment and complete the table understanding that the activities the Commission **should do** may not ultimately be feasible due to cost.

Items to consider when completing the table:

- A. Should the Commission be involved with long term (on-going) management of plants or animals or should the Commission only be involved with finite/distinct projects?
- B. What activities are missing from the table? Feel free to add your own rows!

Determining the Commission's Role

	Activity	Commission Role			
		Take Lead	Cooperate w/ Others	Provide Funds	No Role
Early Detection	Early detection training (including volunteer recruitment)				
	Early detection monitoring				
Rapid Response	Rapidly responding to new infestation				
Studies	Pathways analysis/vulnerability assessment				
	Inventory (species, current management activities)				
	Plan development (prevention plan or management plan)				
Prevention	Boat launch/access management (inspections, washing stations, compost bins, closures)				
	Education (signage, articles, literature, etc.)				
	Advocating for/assist with policy changes (Legislative, ordinances, rules)				
Management	Monitoring current infestations				
	Spot treatments (herbicide or mechanical)				
	Whole lake treatments (including engaging MDNR on current treatment policies)				
	Carp harvesting				
	Fish barriers				
	Water level management/drawdown				
	Biological treatment				

7. Next Steps and Future Meetings

8. Adjourn

Overview of Related BCWMC Goals and Policies (** most directly related to APM/AIS)

Excerpts from *Section 4, 2015 Watershed Management Plan*

http://www.bassettcreekwmo.org/application/files/8914/4676/6441/BCWMC_Section_4.pdf

- a. BCWMC Goal: Manage the surface water resources of the watershed to meet or exceed state standards and BCWMC water quality goals for wetlands, lakes, and streams.
- b. BCWMC Goal: Protect and enhance fish and wildlife habitat in the BCWMC.
- c. **BCWMC Goal: Minimize the spread and manage the adverse impacts of harmful aquatic invasive species.
- d. BCWMC Goal: Take into account aesthetics and recreational opportunities within the watershed when completing BCWMC projects.
- e. BCWMC Water Quality Policy (#4): The BCWMC will work with stakeholders to manage its priority waterbodies to meet the applicable water quality goals of the BCWMC
- f. BCWMC Water Quality Policy (#8): The BCWMC will continue to identify opportunities to achieve and maintain excellent water quality in priority waterbodies.
- g. **BCWMC Recreation, Habitat, and Shoreland Management 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.
- h. BCWMC Recreation, Habitat, and Shoreland Management Policy (#82): The BCWMC encourages cities to develop and maintain water-related recreational features (such as trails adjacent to waterbodies and water access points), with consideration for buffers, use of pervious surfaces, and other best management practices to reduce runoff.
- i. BCWMC Recreation, Habitat, and Shoreland Management Policy (#83): The BCWMC will take into account aesthetics, habitat, and recreation benefits during CIP project selection and prioritization, and when considering how a project might address multiple Commission goals (see policy 110).
- j. BCWMC Recreation, Habitat, and Shoreland Management Policy (#86): The BCWMC will cooperate with the MDNR and other entities, as requested, to protect rare and endangered species under the State's Endangered Species Statute. The BCWMC will review the Natural Heritage Information System during the design phase of Commission projects.