



Carver County Water Management Organization Citizen Advisory Committee

- 1. Approval of May 30th, 2017 Minutes & July 25th, 2017 agenda**
- 2. Business Items**
 - a. Tour review
 - b. Aquatic Invasive Species Update
 - c. Benton Lake Update
- 3. Information Items & Project Updates**
 - a. 2018 Budget Update – Staff will brief committee on recent direction from the County Board and potential impact to the 2018 WMO Levy.
- 4. Adjournment**

July 25th, 2017

Carver County Government
Center

600 East 4th St. Chaska
County Board Room

6:00 p.m. to 8:00 p.m.

Committee Mission

Work with CCWMO staff to proactively make recommendations to the County Board on matters relating to water management including;

- projects and project prioritization
- Funding and water levy
- Water Plan, Groundwater Plan & Solid Waste Plan
- Water quality and TMDL program and projects
- Education program and projects
- Feasibility studies

MEETING OF THE
CARVER COUNTY WATER MANAGEMENT ORGANIZATION ADVISORY COMMITTEE
MEETING MINUTES
Tuesday May 30th, 2017

COMMITTEE MEMBERS PRESENT

<i>Carroll Aasen</i>	<i>Citizen, East & West Chaska Creek</i>
<i>Mary Strother</i>	<i>Citizen, Bevens Creek</i>
<i>Virgil Stender</i>	<i>Citizen representing Commissioner District 5</i>
<i>Stan Wendland</i>	<i>SWCD Board Member</i>
<i>Audrey Kramer</i>	<i>Citizen representing Commissioner District 3</i>
<i>Jim Boettcher</i>	<i>Citizen representing Commissioner District 1</i>
<i>Thomas Welch</i>	<i>Citizen representing Commissioner District 2</i>
<i>Doug Kammerer</i>	<i>Citizen, Crow River/Pioneer Creek</i>
<i>Trevor Kruger</i>	<i>Citizen representing Commissioner District 4</i>

COMMITTEE MEMBERS ABSENT

<i>Chad Robbins</i>	<i>Citizen, Carver Creek</i>
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STAFF PRESENT

<i>Madeline Seveland</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Kristen Larson</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Paul Moline</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Masha Guzner</i>	<i>Carver County Planning & Water Mgmt.</i>

Meeting Minutes

The meeting was called to order at 6:03p.m. by Chair Stender. Stender inquired if there were any changes to the agenda or minutes. Wendland commented that his name was misspelled in the April minutes. Seveland said she'd correct it. Moline requested to switch agenda items b & c.

Welch moved to approve March 28th, 2017 minutes and April 25th, 2017 agenda. Boettcher seconded. Motion passed unanimously.

1. Business Items

• **Water Management Plan Update**

Larson gave an update on the comments received for the Water Management Plan update. Staff have categorized the comments into the following categories administration, educations, aquatic invasive species, flooding, groundwater management, impaired waters, surface water management, water quality – bacteria, water quality – erosion, water quality – nutrients, and wetland management.

Staff received input from the Citizens Advisory Committee, Technical Advisory Committee, Citizens, City Administrators/Engineers, Soil & Water Conservation District Board and Township Representatives.

Kristen reviewed each category and provided a summary of the input collected for each.

Strother asked staff to describe how the Township meetings were coordinated. Larson said staff reached out to the Township boards and ask for a rep from each of the townships. At the workshop staff presented a background on the Water Management Plan and general process for updating. Afterward, attendees broke up into two small groups to provide comment and input.

Welch commented that some of the comments categorized as education might be better labeled as "communication."

Kramer inquired about a comment on cows in water resources, inquiring how are we going to do it. Larson replied that staff are currently already working on that through program such as the exclusion grant and that will continue through this next plan. Moline followed informing the committee that staff recently sent letters to all feedlot owners in the County with information about the program. The letters asked for volunteers for the program and staff have received a number of responses so far. Staff are hoping to get 3-4 more projects done this year.

Aasen commented that the aquatic invasive species comments could also be placed within the education category as a lot of aquatic invasive species work falls within education.

Larson informed the committee that the next steps will be for staff to return to the committee with draft goal and strategy language and input from cities/partners and potential projects and implementation. Staff expect to have a draft plan by August.

Welch commented that their might be additional ways to simplify categories and the comments for education and administration have some overlap.

- **Environmental Services and Solid Waste Master Plan Update**

Greg Boe, manager for the Environmental Services department, introduced himself and presented an update from his department and plans for the Solid Waste Master Plan update.

Update on Environmental Services Programs

- Environmental Center
 - Most popular program. Collected 4,933,418 lbs. of household hazardous waste (HHW) in 2016.
 - The highest HHW collected was yard waste, followed by e-waste, recycle and appliances.
 - Yard waste is by far the largest waste unit collected. Staff are working on finding another location to bring it to. That would free up space at the Env. Center as well as simplify logistics of drop offs.

Strother inquired if the recycling sites at Cologne and Norwood Young America are related to the Environmental Center. Boe responded that yes the Environmental Services department operates those. They are more for recycling materials, less HHW, but twice a year the department hosts special waste drop off sites in NYA and Watertown for HHW collection.

Kramer inquired about what was included with yard waste. Boe responded that t consisted of leaves, grass clippings, brush and small branches. Kramer asked if any of those could be put in the normal

garbage. Boe responded that yard waste is prohibited from going into the garbage because they don't want that in the landfill.

Kramer commented that since leaves are compostable we could ask people to compost more in their own yard. Boe responded that yes we could and backyards composting provides nice useful compost to the homeowner. Two potential negatives are that smaller backyard compost bins don't get as hot so they won't kill all weed seeds and some people might put meat or eggs in them and they attract vermin. So if we promote composting we have to do a really good job of educating people on how.

Welch inquired what are some of the top items that people bring to the Env. Center that are turned away. Boe responded that sharps, needles, and pharmaceuticals. The best option for getting rid of these sharps and needles is to lean on the pharmacy you purchase them from. Pharmacies should be taking back the products they create to promote product stewardship and make it safe and easy for customers.

Wendland inquired if construction material tends to get rejected. Boe replied yes staff sends that over to DemCon. Staff also required business hazardous waste to be collected by appointment. The county wants to distinguish between business and resident hazardous waste because residential tax dollars help pay for the Env. Center thus business HHW is collected for a fee.

- Hazardous Waste inspections.
 - Staff completed 103 inspections at various business in 2016.
 - Had 20 business that came to the Env. Center by appointment
- SSTS Program
 - 70 systems were replaced. Staff completed 86 design reviews and 291 inspections.
- Feedlot inspection program
 - 17 inspections last year. Did not have a full time feedlot inspector till the end of 2016.
- Solid Waste Program
 - Over 2000 open burning permits.
 - Coordinated recycling and composting at the Ryder Cup in September 2016.
 - Partnered with Scott County to create a Master Composter/Recycler class.
- Solid Waste Master Plan
 - Document that guides the counties efforts to reduce waste through reduction or creating new products.
 - Updated every 5 years.
 - State lists goals they want counties to meet. These goals are to promote reuse, support sustainable materials management, promote food donation, increase commercial recycling, develop increase capacity for organics composting, support collection of non-traditional recyclables, and expand the use of compost in transportation and construction products so it's more of a closed loop system.
 - Staff are creating a Solid Waste Advisory Committee that will include citizens. The committee will meet three times in June, August and September.
 - Expect the final plan to be approved by the County Board around November.
 - Part of the outreach will include presentations to cities as this plan will call on cities to do more.

Strother inquired if the Ryder cup had not received the \$10,000 grant for adding recycling and composting bins if they would have still done it. Boe said they likely would not have done it but now that they have he hopes it opens the door for more recycling and composting efforts at future Ryder Cups.

- **2018 WMO Budget Recommendation**

Moline presented the 2018 WMO levy recommendation. The recommendation is for \$676,508 an increase of \$32,575 from 2017.

Moline reviewed the WMO levy process for getting a final budget. He said the first step is a recommendation for this advisory committee, followed by a budget hearing with a couple of County Commissioners in July, then a County Board work session. In September a preliminary levy is set and goes through additional changes until a final levy is set later on in the fall.

Moline reviewed the general categories in the WMO levy.

- Monitoring and maintenance
- Soil & Water Conservation District
- Education
- Operations (staff, engineering, admin)
- Cost Share program
- Projects
- Aquatic Invasive Species

Moline reviewed the Projects line item in the budget saying there was a small reduction since the April presentation to the committee. The Benton Lake project cost was reduced. Staff felt that between some rollover funds and more grants available we can absorb the \$5000.

Moline reviewed the history of the WMO levy showing that the levy was pretty flat for years after 2008 but when the economy did improve most increase to the levy went to projects and programs. The operating budget has seen little increase. The cost to taxpayers for CCWMO's levy is about half of what it is for neighboring watershed districts. This rate has held pretty flat for the last 5-6 years. We are capturing the growth in the county with the increases in the budget.

Moline inquired what additional information the committee needs in order for the committee to move forward in the budget process.

Kramer inquired if enough money was available for cost share projects. Moline responded that most of those homeowner cost share projects are smaller and that the budgeted amount has been okay based on the number of request received.

Wendland moved to recommend the levy as presented. Kramer seconded. Motion passes unanimously.

2. Information Items

- Moline introduced Masha Guzner as our new water resources assistant who will help with water quality and stormwater monitoring. Masha informed the committee of the tasks and responsibilities she'll be working on and also that she is in Master's program for Forestry and Watershed Management.
- Moline gave a brief update on the buffer law. The state legislature moved the hard deadline for compliance for June 2018 by request of extension. The County can choose to enforce the buffer law or have the state enforce. There is money available from the state if the County chooses to enforce it.

Wendland commented that he feels enforcement is better handled on a local level and that problems are better solved locally.

Boettcher inquired about the current version of the law. Moline responded that it affects any public water but for shoreline owners turf grass is considered a perennial. The law is more targeted at agricultural practices where there is not vegetation next to the water body.

- Moline played a video highlighting stormwater reuse in Carver County as done by WCCO.
<http://kstp.com/news/waconia-rain-water-reuse/4494537/?cat=12196>

Meeting adjourned at 7:44pm.

Water Management Organization Advisory Committee

July 25th, 2017 Meeting

Business Item
<i>Aquatic Invasive Species (AIS) Program Update</i>
Water Management Plan Related Goal
1. Effectively and efficiently manage public capital expenditures needed to correct flooding and water quality problems;

Summary:

The 2017 Aquatic Invasive Species watercraft inspection season is in full swing. This item will provide a mid-season update focusing mainly on the zebra mussel treatment and post-treatment on Lake Minnewashta and an update on strategies that other Minnesota counties are using against the spread of AIS.

Discussion Points:

- Zebra Mussel treatment and post-treatment of Lake Minnewashta
- Strategies used by Minnesota Counties to combat the spread of AIS

Recommended WMOAC Committee Action:

- No motion required

Attachments:

Water Management Organization Advisory Committee

July 25th, 2017 Meeting

Business Item	
<i>Benton Lake</i>	
Water Management Plan Related Goal	
WMP -1:	Identify and plan for means to effectively protect and improve surface and groundwater quality;
Goal SW-1:	Maintain or improve the physical, chemical, biological, and aesthetic condition of surface water resources in the CCWMO, taking into account the watershed context of each resource.

Summary:

Phase I of Benton Lake Restoration was the installation of a fish barrier at the outlet of the lake, which virtually eliminated the possibility of carp re-establishing within Benton Lake from Carver Creek. Phase II has included working on a technical report to look at the feasibility of a lake drawdown, and associated impacts. Further, staff proposed a lake rotenone (fish toxicant) treatment to the system last winter, but were unsuccessful in finding an applicator willing to do the work. Staff again submitted an RFQ to applicators on July 7th, which included some adjustments per applicator suggestions. The deadline for submittal is July 24th, so the WMOAC will be updated as to whether or not any toxicant proposals were received. Earlier this summer, staff also began discussions with the University of Minnesota and the Minnesota Department of Natural Resources (MNDNR) to begin physical removal of Benton Lake rough fish. This process would include an electrofishing survey that would accurately define the lake's rough fish populations. Further, ten carp would be tagged with radio transmitters that would allow staff to better understand how fish move throughout the system. Electrofishing and physical removal could begin this summer. Staff would also pursue a game fish stocking program after netting has concluded in the fall, and subsequently work with MNDNR on a winter aeration permit to aid in gamefish survival. This method could be pursued without a treatment, or in tandem with one, as even a rotentone treatment is unlikely to eradicate 100% of the system's rough fish population. This discussion will serve as an update to the committee, and staff will provide a proposal to CCWMOAC for recommendation.

Discussion Points:

- Project Timeline
- Project Methodology
- Stakeholder Process

Recommended WENR Committee Action:

- Provide recommendation to move ahead with rough fish control measures.

Attachments:

- None



Carver County Water Management Advisory Committee

July 25th, 2017

Information Items & Project Updates

Education Program

- Staff are participating in may summer day camps including the Summer Explorers, Extreme Explorers and STEM camp.
 - Summer explorers takes place every Tuesday for 7 weeks and is for kids going into grades 1 through 5. Madeline and Drew each have a learning station.
 - Extreme explorers takes place on August 2nd where Madeline will do stormwater obstacle course.
 - STEM camp took place on June 22nd and many staff from CCWMO camp to do a hands on presentations on the types of water monitoring techniques they use.
- Carver County Fair is coming up August 9th -13th. CCWMO is partnering with Environmental Services again on the fair booth. This year's themes will include pollinators, alternatives to traditional lawns (bee lawns, low maintenance lawns) and what to do with household hazardous waste products when done with them.
 - Staff have created two documents with directions for homeowners on how to make a bee lawn or low maintenance lawn on their property.
- Fish and Paddle is taking place August 15th at Rick Johnson Park in downtown Watertown from 3pm to 7pm. Families will be able to come learn to fish, canoe, check out aquatic bugs, wildlife pelts and more.

WMO Project Updates

Streambank Exclusion

Funding source: Clean Water Legacy (BWSR)

Grant allocation: \$40,000

WMO Match: \$20,000

Background: This program will provide incentive to cattle growers to remove cattle from the riparian corridor.

Update: As a result of a mass mailing, staff has received interest in the program from several producers. Discussion is ongoing with a fencing contractor for a project near Rice Lake that would exclude roughly 20 head of cattle from a tributary to Carver Creek.

Carver Clean Water Initiative

Funding source: Clean Water Legacy (BWSR)

Grant allocation: \$150,000

WMO Match: \$70,000

Background: This initiative will provide businesses and non-profit organizations (non-governmental) up to \$25,000 in cost share to install clean water projects on their property.

Update: Two rain guardians still need to be installed at In Towne Marina and that project will be complete. Discussion is currently ongoing for a stormwater retrofit project at the Waconia Food Shelf. This project has the potential to capture nearly two acres of existing runoff that is entering Lake Waconia untreated. Concepts for this project have been completed, and final engineering plans will likely be generated by the end of the month.

Fountain Park Stormwater Retrofit

Funding source: Clean Water Partnership (MPCA)

Grant allocation: \$75,000

WMO Match: \$90,000

City of Waconia Match: \$25,000

Background: Much of the city's stormwater infrastructure is dated, and several large developed areas downtown Waconia drain directly to the lake without treatment. Of particular concern, is an 11.19 acre area that drains to the Fountain Park Pond adjacent to Waconia City Hall. During a rain event the pond is dramatically overwhelmed providing little treatment. The proposed project aims to add substantial stormwater treatment capacity to the Fountain Park area by adding a suite of BMPs that will mitigate direct suspended solid and phosphorus loading to Lake Waconia. This project is part of a larger stormwater retrofit project in this area of the city. The WMO received a Clean Water Partnership Grant from MPCA in 2014 to defray \$75,000 of the total project cost.

Update: Project construction is approximately 95% complete. The tree box has been installed, but a tree has yet to be planted.

Mayer Wetland Restoration

Funding source: City of Mayer

WMO CIP contribution: \$50,000

Background: Project aims to restore a wetland area adjacent to Central Pond.

Update: Major work is complete. Vegetation will be planted in spring of 2017.

Watertown Wetland Restoration

Funding source: City of Watertown

WMO CIP contribution: \$50,000

Background: Project aims to restore a wetland area south of the City of Watertown east of County Rd 10.

Update: Partnership project with the City of Watertown and County Public Works. Planning and permitting work continue with construction potentially happening in fall 2017.

Benton Lake (Phase 2)

Funding source: City of Cologne

WMO CIP contribution: \$55,000

Background: Phase I was the installation of a fish barrier at the outlet of the lake, which will virtually eliminate the possibility of carp re-establishing within Benton Lake from Carver Creek.

Update: An RFQ was sent to treat Benton Lake with Rotenone on Friday, July 7th, with adjustments being made from the original RFQ sent out earlier this year in January. The WMO is currently waiting for applicator responses. The deadline for submittal is Monday, July 24th.

Update: WMO staff is currently working to conduct an electro-fishing survey on Benton Lake that will include telemetry tagging. This will allow staff to better understand how carp move throughout the system, and is the first step forward in the physical removal (netting) of carp.

SSTS:

Funding source: WMO

WMO contribution: \$50,000

Background: This program incentivizes direct discharge SSTS systems in the Bevens/Carver creek TMDL watersheds and for first come-first serve volunteers CCWMO wide.

2017 Funds Update: The Committee recommended primary sub-watersheds of CC9 and CC11 and CR 19. The secondary sub-watershed is the portion of CA10-4 in Benton and Dahlgren Townships. The County Board approved the recommendation in May.



Carver County Water Management Organization Advisory Committee

Upcoming Meetings

Date	Meeting Type	Business Items	Special Notes
8/29/2017	Regular	- TBD	
9/26/2017	Regular	- TBD	

Others Events

Date	Program	Description
Aug. 5th 2017	Starry Trek	Volunteers from across Minnesota are needed on Saturday, August 5 to participate in a statewide search for starry stonewort, Minnesota's newest aquatic invasive species. Hundreds of volunteers will gather at rendezvous sites statewide to learn how to identify starry stonewort and search for it in area lakes. https://www.co.carver.mn.us/Home/Components/News/News/548/
Aug. 9th – 13th, 2017	Carver County Fair	Located in Waconia at the Carver County Fair Grounds. Environmental Services and Water Management will have a booth.
Aug. 15th, 2017	Fish and Paddle	From 3pm to 7pm and Rick Johnson Park in Watertown. Canoe trips, fishing, aquatic bugs, animals pelts and more.