



Carver County Water Management Organization

Citizen Advisory Committee

1. **Roll Call**
2. **Approval of the March 25, 2025 Minutes**
 - 2.1 March 25, 2025 minutes
3. **Approval of the April 29, 2025 Agenda**
4. **Notes From the Field**
5. **Business Items**
 - 5.1 Groundwater Plan update
 - 5.2 2026 project considerations for WMO levy
6. **Informational Items & Project Updates**
 - 6.1 Upcoming events
7. **Next Meeting - May 27, 2025**
8. **Adjournment**

April 29, 2025

Meetings held at the Carver County Government Center, EOC conference room, 600 East 4th St. Chaska, MN 55318. Virtual option with Microsoft Teams. Contact mseveland@carvercountymn.gov for details.

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 March 25, 2025

COMMITTEE MEMBERS PRESENT

Attending virtually

<i>Kevin Zahler</i>	<i>Citizen representing Commissioner District 2</i>
<i>Kellen Schmidt</i>	<i>Citizen, Bevens Creek</i>
<i>Marcus Zbinden</i>	<i>SWCD Board Representative</i>
<i>Mary Stasson</i>	<i>Citizen representing East & West Chaska Creek watershed</i>

Attending in person

<i>Mike Lynch</i>	<i>Citizen representing Commissioner District 4</i>
<i>Jim Boettcher</i>	<i>Citizen representing Commissioner District 1</i>
<i>Joe Polunc</i>	<i>Citizen representing Commissioner District 5</i>
<i>Megan White</i>	<i>Citizen representing Commissioner District 3</i>
<i>Kayla Pascoe</i>	<i>Citizen representing Carver Creek watershed</i>

COMMITTEE MEMBERS ABSENT

<i>Vacant</i>	<i>SWCD Board Representative alt</i>
<i>Michael Wegner</i>	<i>Citizen representing the Crow River watershed</i>

STAFF PRESENT

<i>Paul Moline</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Madeline Seveland</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Andy Edgcumbe</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Abby Janey</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Tim Sundby</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Lea Payette</i>	<i>Carver County Planning & Water Mgmt.</i>
<i>Mike Wanous</i>	<i>Carver County Soil & Water Conservation District</i>

Meeting Minutes

The meeting was called to order at 6:04 by Chair Jim Boettcher.

Mike Wanous updated the committee on the passing of advisory committee member, Stan Wendland.

- 1) Roll call and introductions completed.
- 2) Approval of the February 25, 2025, meeting minutes
Polunc moved to approve the February 25, 2025, meeting minutes. Lynch seconded. Motion passed unanimously.

3) Approval of March 25, 2025, agenda

Pascoe moved to approve the March 25, 2025, agenda. Lynch seconded. Motion passed unanimously.

4) Notes from the field

Abigail Ernst, water resources analyst with Carver County Water Management Organization, presented the notes from the field on the permitting program and a recent wetland enforcement case. Ernst began showing photos of the 0.5-acre wetland and enforcement area.

WMO permitting regulations background

- The Wetland Conservation Act is a state program. The goal of the program is to achieve no net loss of Minnesota's wetlands.
- The Carver County Water Management Organization is the Wetland Conservation Act authority in all townships in the County.
- The Water Management Organization reviews wetland delineations, approves replacement plans, and pursue enforcement when wetlands are negatively impacted.

Enforcement case

- Land Management and Environmental Services staff were notified of a potential wetland fill violation. Staff performed multiple site visits to identify the extent of the violation. WMO staff were included to review potential wetland impacts.
- WMO led coordination with Soil & Water Conservation District staff to do more in-depth review of wetland area and potential impacts.
- In February staff met with the landowner, walked the site, and looked at the potential violation area.
- The result is a voluntary restoration order.

Ernst showed aerial photos showing changes to the land and wetland boundary which took place. Aerial photos from 2022 and 2024 show dirt stockpiled within the wetland boundary which is considered an impact to the wetland under the Wetland Conservation Act.

After meeting with the landowner, staff decided a voluntary restoration order was sufficient. A voluntary restoration order is more informal than a typical restoration order. The landowner had removed stockpiled material from the wetland prior to the February site visit. In this case, the voluntary restoration order requires that no additional grading or filling be done within the wetland, and that vegetation must reestablish. Staff will follow up with site visits during growing seasons to confirm that requirements were met. If in future the voluntary restoration is not followed, then the case would be escalated to the Minnesota Department of Natural Resources.

Stasson inquired if the wetland was originally established by the Department of Natural Resources. Ernst responded that the Department of Natural Resources has list of wetlands, some of which are public waters, and some are not. This wetland is not a public water wetland. Stasson inquired if the

wetland was established by Carver County. Ernst responded yes, in the aerial photo review, staff look for signature characteristics of wetlands as found in this example.

Zbinden shared that there is a similar case about ¼ mile down the road and inquired if staff have viewed that one yet. Ernst responded that staff did visit that site and determined the area of disturbance did not extend to the wetland area based on topography and slope. Zbinden commented that it looked like quite a bit of fill was put in. Ernst responded that staff could visit again if there are additional concerns.

Moline commented that this presentation is an example of enforcement action through our permitting program to build understanding of what happens in the field.

Boettcher inquired if some landowners have repeat violations. Moline responded that yes, but not often.

5) Business items

• **Smart water 2025 program**

Madeline Seveland presented on updates to the County's Smart water program which provides smart irrigation controllers to residents at discounted prices.

The program's goals are to reduce water used for irrigation thus conserving groundwater resources and reduce stormwater runoff caused by overwatering. The program also helps meet the goals and strategies identified in the County's Groundwater Plan which seek to support cities with residential education on water conservation as required by the MN Department of Natural Resources appropriations permits.

Smart irrigation controllers link directly to local weather conditions and provide exactly what your lawn and garden need for water. Seveland shared a video from Rachio, Inc. describing smart controllers and their operations.

Background

- The program that was first piloted last year in 2019 was set up using Community Based Social Marketing methods.
- Throughout that process we researched efficiency methods, interviewed and surveyed irrigation experts and ran a focus group with Chaska residents.
- The result was that smart controllers were an impactful and, not commonly yet used, way of conserving water.
- Pilot program was successful, and results were used to apply for and receive a two-year grant with the Metropolitan Council to expand the program in Chaska.
- This program set up was very County staff time intensive.

County-wide expansion in 2021

- Continuing to partner with Rachio, Inc., Carver County became part of their microsite program.
- This program required the County to oversee the program, city agreements, and for cities to determine an annual cost incentive to provide for each controller purchased by one of their citizens.
- Only some cities participated.
- This program structure was discontinued at the end of 2024 due to high demands on Rachio staff time and labor.

Redeem program begins in 2025.

- Rachio launched a new program, the Redeem program. This program streamlines the process for Rachio, the County, cities, and residents.
- Any resident within a participating organization's (Carver County) boundaries can participate and receive a discount on a controller.
- Customers purchase directly from Rachio's redeem website which is only available through a private link partnering organizations can send out.
- Discounts are automatic.
- Partner organizations can select 2 weeks a year their residents can get an additional \$20 off. In 2025, those weeks are May 19 – 23 and July 21 – 25.

Seveland shared the controller sales from the two previous years. In 2023, there were 33 controllers sold through the program and in 2024 there were 29. Seveland commented that there is likely a higher potential for sales and that marketing should continue to be evaluated and adjusted as the County creates materials and encourages city partners to promote.

Zahler inquired if lake associations can be included and what the new website will include. Seveland responded that yes, all residents within the County are eligible and she can share information when the program is ready. She added that the new website will be a purchase page only where viewers can select their controller and whether they want an outdoor enclosure and then purchase it. Seveland said she would share the marketing materials with Zahler when they are ready. Zahler commented that the program sounds great, and he would be happy to share it.

Lynch inquired if people in Carver County still get the local paper. Boettcher and Pascoe responded saying that Chaska, Carver, and Chanhassen dropped theirs. Lynch shared that Watertown and Norwood Young America papers are together. Pascoe commented that Waconia is the large paper of the area. Lynch commented that putting an ad in the paper could help reach more people. Seveland responded that is something staff could explore and haven't done for a long time. She shared that they could also look at promoting through the new Carver County News website.

Polunc shared that the Waconia water utility bill comes in the mail and suggested putting an announcement in there. Pascoe added that Carver's utility bill comes in the mail too.

Lynch shared that Watertown has a quarterly newsletter where it could be included.

Lynch inquired if there are options for HOAs. Seveland responded yes there are. Rachio controller programs can be combined for areas with high number of zones and third-party contractors can be given access to the program for monitoring.

Schmidt inquired if township residents can participate. Seveland responded yes, township residents may purchase through this new program format. The previous version of the program required a customer to provide a water utility bill account number or other identifying feature showing they were a city water user. Schmidt suggested also getting the information out to townships to post at township halls.

Schmidt suggested highlighting that this is a Carver County program more in the marketing materials as the currently social media graphics look too close to junk mail. Seveland agreed and said staff can work to tone down the Rachio marketing and play up that it is a County program more.

Seveland shared another part of the new Redeem program, on the checkout page when a resident is making a purchase, there will be a list of rebate options for the area as hosted by a company called Eco-rebates. So, it the page will share links for cities with existing rebate programs like Victoria and Chanhassen where residents can receive a rebate after making a purchase through the Redeem program.

Boettcher suggested contacting the City of Chanhassen Mayor for inclusion in their Chan-happenings post. He also suggested contacting irrigation systems installers so they can help promote the program to their clients.

- **Monitoring updates 2024 and 2025 plan**

Andy Edgumbe introduced himself and presented the 2024 monitoring results of lakes and streams.

Lake monitoring overview

- Staff sample 19 lakes bi-weekly.
- There are three sets of state water quality standards: shallow lakes, deep lakes, trout lakes.
- Staff monitor the following parameters: total phosphorus and total Kjeldahl nitrogen (nutrients), chlorophyll-a (algae), chloride, water transparency (clarity), temperature, dissolved oxygen, pH, and specific conductance, and water level.
- Total phosphorus, chlorophyll-a and water transparency are used to determine if a lake is impaired for nutrients.

Total phosphorus

- Total phosphorus is the limiting nutrient for algae growth. Increases in phosphorus lead to increases in algae in the water.
- Excess algae then shade aquatic plants. When algae die, they decompose which decreases dissolved oxygen in the water. Some algae can produce toxins.

- Of the 19 lakes monitored, four lakes met the state standard for total phosphorus (Waconia, Courthouse, Brickyard, and Firemen's).

Chlorophyll-a

- Chlorophyll-a measures the amount of algae.
- Four lakes met the state standard for chlorophyll-a: Brickyard, Courthouse, Firemen's, and Meuwissen.
- The highest concentration of chlorophyll-a was found at Goose Lake (i.e. the lake did not meet the state standard for chlorophyll-a).

Water transparency

- Water transparency is a measurement of water clarity.
- Five lakes met the state standard for transparency: Waconia, Firemen's, Courthouse, Brickyard, and Bavaria.

Chloride concentrations

- All lakes met the state standard of 230 mg/L for chloride.
- Benton, Hazeltine, and Meuwissen have exceeded that state standard before, but concentrations were lower this year.

Biomonitoring

- Biomonitoring helps supplement chemical water quality data and provides a more holistic approach to looking at water quality.
- Biomonitoring surveys include the following.
 - o Aquatic vegetation
 - Aquatic vegetation is extremely important for lake health protecting shorelines from wave action, decreasing erosion, and using nutrients. Aquatic plants also provide habitat for fish and produce dissolved oxygen.
 - The goal of aquatic vegetation monitoring is to inventory plant communities, see how they change over time, and inventory lakes that haven't been sampled before.
 - Staff conducted 9 surveys in 2024: Aue, Benton, Braunworth, Buck, Hilks, Lippert, Millman, Rice, and Tiger.
 - Species richness is the number of species sampled during the survey. Four lakes surveys did not meet state standards for species richness: Aue, Benton, Hilks, and Lippert.
 - Floristic quality index is a measurement the quality of the plants founds, how tolerant plants are of poor water quality. Only Tiger Lake met this index.
 - o Fish surveys
 - Staff conducted 5 surveys, 1 at Benton Lake and 4 at ponds around the Chevelle development in Chaska.

- Purpose is to inventory lakes that are not normally surveyed by the Minnesota Department of Natural Resources, get baseline data, and see how fish communities change over time and respond to water quality projects or fish removal projects.
- Benton Lake sample
 - Staff were looking for bluegill to help with the carp removal project in the lake as bluegill eat carp eggs. Staff found eight species including bluegill.
- Chevelle ponds
 - Staff were looking to see if there were any fish in these ponds that could be used to supplement the Lake Bavaria fish community.
 - Staff only caught 5 species within the ponds but all species that were already found in Lake Bavaria.
- Plankton monitoring
 - Five lakes were monitored for plankton: Benton, Eagle, Bavaria, Hydes, and Waconia.
 - Purpose is to obtain baseline data, observe year to year changes in the plankton communities, observe season changes in plankton communities, compare plankton communities from monitored lakes based on different lake characteristics, and correlate phytoplankton and zooplankton communities to each other and to water quality.
 - Harmful algal blooms
 - Benton and Eagle both had numbers of harmful cyanobacteria above the World Health Organization's levels for moderate probability of adverse health effects.
 - Zooplankton
 - Lake Bavaria had the lowest count of zooplankton with 600 zooplankton count/L.
 - Benton had the highest county with just under 1600 zooplankton count/L
 - Community richness is the number of different types of zooplankton found. Lakes Bavaria and Eagle tied for lowest community richness score, and Waconia and Hydes tied for the highest community richness score.
 - There is not a state standard for zooplankton monitoring, but the community richness and counts have decrease since 2023.
- Native mussel monitoring
 - Sampled only Lake Waconia in 2024.
 - Found 1 species, giant floater, but no live species, only shells.

Zahler inquired if there was a correlation to zebra mussel presence and the decrease numbers of zooplankton. Edgcumbe responded that the County did not sample zooplankton on Lake Waconia before it was infested with zebra mussels so we can't attribute the decrease to zebra mussels. Zahler inquired if staff found any spiny water flea in the zooplankton samples. Edgcumbe responded there were no spiny water flea found.

Zahler inquired on the aquatic vegetation chart if the red bars are an indication there is a carp problem. Edgcumbe responded it indicates either a carp problem or a water quality problem as plants need sunlight and turbid water reduces sunlight reaching into the lake.

Stream monitoring

- Edgcumbe reviewed a map with the different creeks and sampling sites.
- 23 stream sites are monitored for various parameters
- All major creek systems within the WMO are monitored

Stream water quality parameters monitored

- Total phosphorus, orthophosphate (nutrients)
- Nitrate, nitrite, ammonia, total Kjeldahl nitrogen, and total nitrogen (nutrients)
- Total suspended solids (sediment, algae)
- Chloride.
- Alkalinity (ability of water to maintain a stable pH)
- Chemical oxygen demand (oxygen depletion)
- Temperature, dissolved oxygen, pH, and specific conductance
- E. coli (bacteria)
- Water level

Total phosphorus concentration

- Three stream sites met the state standard for total phosphorus: Assumption, Bent Creek, and East Chaska Creek 3 (EC3). Twenty sites did not.
- Tacoma has the highest concentration. This site is located downstream of the Norwood Young America wastewater treatment plant.

Nitrate concentration

- There is a proposed state standard for nitrate concentrations in creeks, but not an official state standard.
- Twelve stream sites met the proposed standard. Eleven did not. All sites that did not meet the standard are in Bevens and Silver Creek watersheds. Staff will be working with the Minnesota Department of Agriculture on ways to address nitrate concentrations.

Pascoe inquired if the nitrate concerns will also be addressed by the education program on acetochlor. Edgcumbe responded that the Minnesota Department of Agriculture contact staff work with on the acetochlor program reached out to coops about nitrate as well. Additionally, the County is borrowing MN Department of Agriculture's spectrometer to pinpoint some nitrate hotspots.

Total suspended solids averages

- Nine sites did not meet the state standard. Highest concentration was found in Silver Creek on site SI2.

E. coli

- Fourteen sites met the state standard. This is an improvement from 2023 when only four met the state standard.
- Site DA12, Environmental Services staff have been working with a landowner who was discharging manure into a drainage ditch. The landowner is working with the Natural Resources Conservation Services on an improvement project.

Chloride concentration

- No sites exceeded the chloride standard, but many sites have elevated levels.
- EC3 on East Chaska Creek had elevated chloride levels in 2024 and has been over the standard in past years.
- Tacoma was again high in 2024 because it discharges the wastewater treatment from Norwood Young America and water softeners are a source of chloride.

Stream biomonitoring

Biomonitoring helps get an ecological assessment on creek health. In 2024, biomonitoring included 11 fish surveys, 19 native mussel surveys, and 6 macro-invertebrate surveys.

Stream fish monitoring

- Purpose is to inventory stream sites to get baseline data and see how fish communities change over time. In 2024, staff focused on East and West Chaska Creek and the impact of flood control structures on fishing communities and thus native mussel surveys.
- Monitored 8 sites on East Chaska Creek and 3 on West Chaska Creek.
- Species richness is the number of fish species found.
 - o Both East and West Chaska Creek found more fish species on the sites near the Minnesota River than upstream where flood control structures are in place.

Native mussels

- Freshwater mussels are one of the most endangered species in the world. Mussels clean water by filter feeding algae and bacteria, stabilize stream beds, act as reefs in streams that fish tend to aggregate over, and are important links in the food web.
- Purpose of surveys is to inventory streams and get baseline data and prioritize locations of native mussel propagation.
- Staff performed 19 surveys and collected 17 live mussels. Staff found two new species in Carver Creek (fragile papershell, and a pink papershell). Both species require a freshwater drum as a reproduction partner.

Stream macro-invertebrate monitoring

- 6 locations were monitored within the East and West Chaska Creeks.
- Data is not available yet.

Pascoe inquired if biomonitoring trends are good. Edgcumbe responded that there are many years of data on water quality but biomonitoring is newer and so we have not been able to analyze trends yet.

2025 monitoring program updates

- Continue to monitor sentinel lakes- no additions to monitoring schedule.
- Funding continues for plankton monitoring for 2025.
- Reduce number of stream chemistry sites and Bevens and Silver Creek.
- Extensive E. coli monitoring. Site numbers increase from 30-45 every 5 years as staff check in on the 2008 bacterial Total Maximum Daily Load Implementation Plans for Bevens and Carver Creek. Monitoring ensures we are meeting the plan requirements.
- Resume sentinel lake vegetation monitoring. Lakes are on a 5-year rotation.
- Fish surveys on Grain Chain of Lakes and Benton Lake.
- Macro-invertebrate surveys on Bevens Creek.
- Native mussel surveys on sites along Carver and Bevens Creek. Staff hope to attempt a propagation project.

Full reports can be found online [Water Quality | Carver County, MN](#)

Zahler inquired if zebra mussels encase a native mussel and if that kills the native mussel. Edgcumbe responded yes, they smother the native mussel. Zebra mussels are a big threat to native mussels.

• **Cost share background and Clemons cost share**

Tim Sundby introduced himself as the water resources supervisor with the Carver County Water Management Organization and stated he would be presenting about the County's cost share program and on a cost share program application.

Carver County landowner cost share program

- The cost share program's goal is to provide grants to landowners to promote use of innovative best management practices to protect and restore water quality within Carver County.
- Funds can be used by public and private landowners within Carver County to implement projects that help 1) protect or restore quality of lakes and rivers, or 2) protect groundwater or restore groundwater.
- Application process is year-round.
- A cost share grant will fund 75% of project costs up to \$5000.
- Applicants must be within water management organization boundaries. If it is a resident's second application, they must follow the required waiting periods after completion of their first project.
- Staff determine project eligibility by scoring the project with established criteria on water quality impact, ecological improvement, public benefit, and collaboration.
- In 2022, staff updated the criteria and established a minimum score of 20 points.

- Projects with a match less than \$2500 can be approved by staff directly, while projects with a match over \$2500 require approval by the WMO advisory committee.

Pascoe inquired if attention is paid to the cause of a failure which then requires an improvement. Sundby responded that staff do not want to fund a project that will fail. Staff would incorporate mitigation practices if possible.

Clemons cost share project proposal

- Project area is on Bent Creek in Waconia. A tree fell over and caused streambank erosion as water flowed behind the root ball and washed out the bank. The city removed the tree, but a hole remains.
- Project will add protection to the streambank, regrade to match the existing grades, backfill, and top dress with topsoil and native plants.
- Due to the timing of the project, staff do not yet have a plan set from the contractor. Landowner would like to complete the project in April before the spring rains could worsen it. This approval by the advisory committee is a conditional approval to make sure the elements of the proposed plan meet the requirements of our cost share program.
- Proposed project details
 - o Project scored a 27 (max score of 59).
 - o Costs ranging from \$7500 to \$12,000. The WMO cost share amount would be \$5,000.
 - o Water Management Organization and Soil & Water Conservation District staff will work with contractor on a design that meets WMO cost share program goals

Staff are recommending a conditional approval on this project with the \$5,000 cost share provided. Any decision will be brought back to the committee.

Lynch inquired about the white pipe in the photo sticking out of the streambank. Sundby responded that he believes it is a drain tile from the house and was installed by the previous homeowner.

Zahler clarified that the property is not right of way. Sundby responded that the applicant owns property on either side of the stream. Zahler inquired if the tree fell because of undercutting on the streambank. Sundby responded he does not know. Zahler inquired if there is anything wrong with the drain tile location and the mitigation plans. Sundby responded no, they would just carry it through.

Boettcher inquired if there are other erosion issues along Bent Creek. Sundby responded that there are banks with little vegetation. Upstream one property owner rip rapped the streambank. The whole corridor is neglected, yards go right to the stream and there are not many native plants. The city just completed a removal of debris throughout the corridor.

Boettcher inquired if the work performed washes away due to weather will the current property owner be eligible for repeat assistance. Sundby responded that there is a waiting period of 5 years for the cost share program's eligibility requirement. If the area failed after that time, it might be up to the landowner to fix. He emphasized the importance of planning and the use of the right soil and vegetation for this project.

Stasson inquired if staff have determined what vegetation to plant on site. Sundby responded that staff will be working with the landowner on selecting plant species. There are some tall grasses and smaller shrubs, willow and dogwood, that would work. The landowner would prefer nothing taller than his fence.

Pascoe inquired what education has been done in neighborhoods where damage is done to water bodies through property management practices. Seveland responded that much of the education messaging created and used for residents around stormwater ponds would apply for residents along Bent and other creeks. She shared that staff may have reached out to landowners on the creek many years ago when an advisory committee member was a creek resident and could look at doing more education.

Pascoe inquired if the education messaging has focus on asset protection and loss of property. Seveland said yes, we can incorporate that messaging and have done similar with lakeshore properties.

Polunc inquired if the landowner could relinquish some desires on plant species for the benefit of the creek. Sundby responded that is the purpose of the conditional approval. If the contractor goes against the intentions of the cost share program, then our organization will not fund the project. Polunc inquired if the city would do anything then. Sundby responded that they removed the tree but will not fix the property.

Moline inquired if the landowner still wants to mow on the other side of the fence. Sundby responded that staff have receive mixed messages on whether the landowner wants to let the area go verses have access and be useable.

Pascoe inquire if there is a homeowner's association. Sundby responded that the neighborhood is from the 1980s and does not think there is a homeowner's association.

Lynch inquired if there is a grass height ordinance in Waconia. Sundby responded in the city's ordinance there is language on nuisance vegetation, but native plants are not included.

Pascoe inquired if there is actual ordinance language that exempt native plants from nuisance ordinances. Sundby responded he is not sure. Pascoe responded that staff may want to reach out to cities to include ordinance language allowing for native plants.

Polunc commented that education is a big need for residents to build understanding on what they can and can't do on lakes and creeks.

Stasson inquired if staff feel that County residents understand buffer zones and actions that can and can't be done around them. Moline responded that there is growing public awareness. If this was a newer development, there would have been buffer setbacks for the creek. In newer developments residents are becoming familiar with buffers. Stasson commented that education should be done in older neighborhoods too.

Pascoe stated that many older neighborhoods don't have required buffers where new developments do have buffer requirements with educational signage. Stasson inquired if the County has considered

putting buffer requirements in on the older neighborhoods. Pascoe responded that it would require eminent domain because it would limit the property owner's ability to use their property. Cities would not likely have an appetite to use eminent domain to take people's property.

Sundby shared that conditional approval is dependent on the final site plans which would have to meet the goals of the cost share program with water quality and use of native plants. Staff will provide an update at the April meeting.

Zahler moved to approval the conditional approval of the proposed project for up to \$5000. Pascoe seconded. Motion passed unanimously.

6) Information items

Seveland informed the committee there are several upcoming events.

- Native plant workshop on April 10, 6pm to 7:30pm at Chanhassen Library
- Fix it Clinic on Saturday, April 12, 2025
- Garden tool Swap on Saturday April 26, 2025
- Earth Day story times through April. Partnership with Carver County Libraries.

Moline informed the committee that staff attended a Waconia City Council and presented on the organization's roles, impacts of stormwater runoff, projects in Waconia, and public education.

Next meeting April 29, 2025.

Meeting adjourned at 8:30 p.m.



Water Management Organization Advisory Committee

April 29, 2025, Meeting

Business Item
<i>Groundwater Plan update</i>
Water Management Plan Related Goal
1. To work with partners to identify and implement efficient solutions to water resource problems.

Summary:

The Carver County Groundwater Plan was adopted in 2016 and staff will begin updating the plan in 2025. The Groundwater Plan defines Carver County's role in groundwater resource management and fulfills the requirements for County groundwater plans in Minn. Statute 103B.255. The 2016 plan identifies the County's role among the many existing stakeholders with groundwater concerns operating at the state, regional, local, and private levels. The County's strategies are focused around the following four key roles.

1. Planning
2. Education
3. Cost Share
4. Research & Monitoring

Staff will present an overview of the 2016 plan and outline the process for updating the plan in 2025. The 2016 Groundwater Plan is available on the county's website: [Groundwater Plan | Carver County, MN](#)

Discussion Points:

- Overview of 2016 Groundwater Plan
- Plan update process
- AC role in plan update process

Recommended WMO Advisory Committee Action:

- Discussion only

Attachments:

- none



Water Management Organization Advisory Committee

April 29, 2025 Meeting

Business Item
<i>2026 project considerations for WMO levy</i>
Water Management Plan Related Goal
1. Effectively and efficiently manage public capital expenditures needed to correct flooding and water quality problems;

Summary:

The budget process for the 2026 CCWMO levy has commenced. As part of identifying project funding, staff solicited requests to cities in February 2025. Five project applications were submitted by cities and townships. Staff will provide an overview of these projects and is seeking committee input for 2026 WMO project funding.

Staff will bring back an overall recommendation to the committee for 2026 WMO budget in May.

Discussion Points:

- Overview of the CCWMO Levy and budget process
- Overview of the project funding process
- Background on the city applications received and WMO projects

Recommended Committee Action:

- Input on 2026 project funding list

Attachments:

- Capital Improvement Projects (CIP) Cost Share Applications: Laketown 201 Facility Upgrades, Waconia Fox Run Ravine, Waconia Reuse Control Replacement, Waconia Reuse Planning Study, and Watertown Angle Ave Sump.
- Preliminary CIP project scoring



APPLICATION FOR COST SHARE PROJECT FUNDING

File Number (Office Use Only): _____

Instructions

1. Complete and submit application. Electronic submittals preferred. See page 2 for information on how to submit applications.

APPLICANT INFORMATION (MAIN CONTACT)

Name: _____

Telephone: _____

Email: _____

Address: _____

City/Township: _____ **Zip:** _____

PROJECT LOCATION

Address: _____

City/Township: _____

PID: _____

Waterbody: _____

PROJECT INFORMATION

Project Name: _____

Description: (please attach addition sheets as necessary, maps, designs, size/area involved, modeling information, expected outcomes, benefits to water resources etc.)

Will the project be accessible to the public?: ☐ yes ☐ no

Can it be a demonstration site due to its being the first such project in the County?: ☐ yes ☐ no

Is the project included in the Carver County Water Plan or a local Water Plan?: ☐ WMO Plan ☐ Local Plan

How will the project improve water quality? Please provide information on percent reductions from existing conditions for the following parameters (if known).

Phosphorus Loading _____ Rate Control _____

Sedimentation Loading _____ Volume Control _____

Other (list parameter) _____

Please list any partners involved:

PROJECT COST ESTIMATES

Total Amount Requested: _____
Match Amount: _____
Total Project Cost: _____

AUTHORIZATION & SIGNATURES

I hereby authorize the County of Carver and the County's authorized representative to enter upon the property subject to this application for the purpose of evaluating the application and upon approval of this application to determine compliance with the application and any associated agreements.

As the person legally responsible for this project I hereby certify that I understand that this project must be conducted in accordance with the approved plans and any attached or subsequent agreements and the Water Management Rules. I further certify that all of information supplied with this application is true and correct to the best of my knowledge.

Signature of Legally Responsible Party:

_____ 

Date: _____

Return application to:

Tim Sundby
Carver Co Planning & Water Mgmt
600 East Fourth Street
Chaska, MN 55318

Email: tsundby@co.carver.mn.us
Phone: 952.361.1816

OFFICE USE ONLY

Date Received: _____
Project Number: _____
Water Stewardship Ranking: _____
WMOAC Recommendation: _____
County Board Approval: _____
Amount Funded: _____

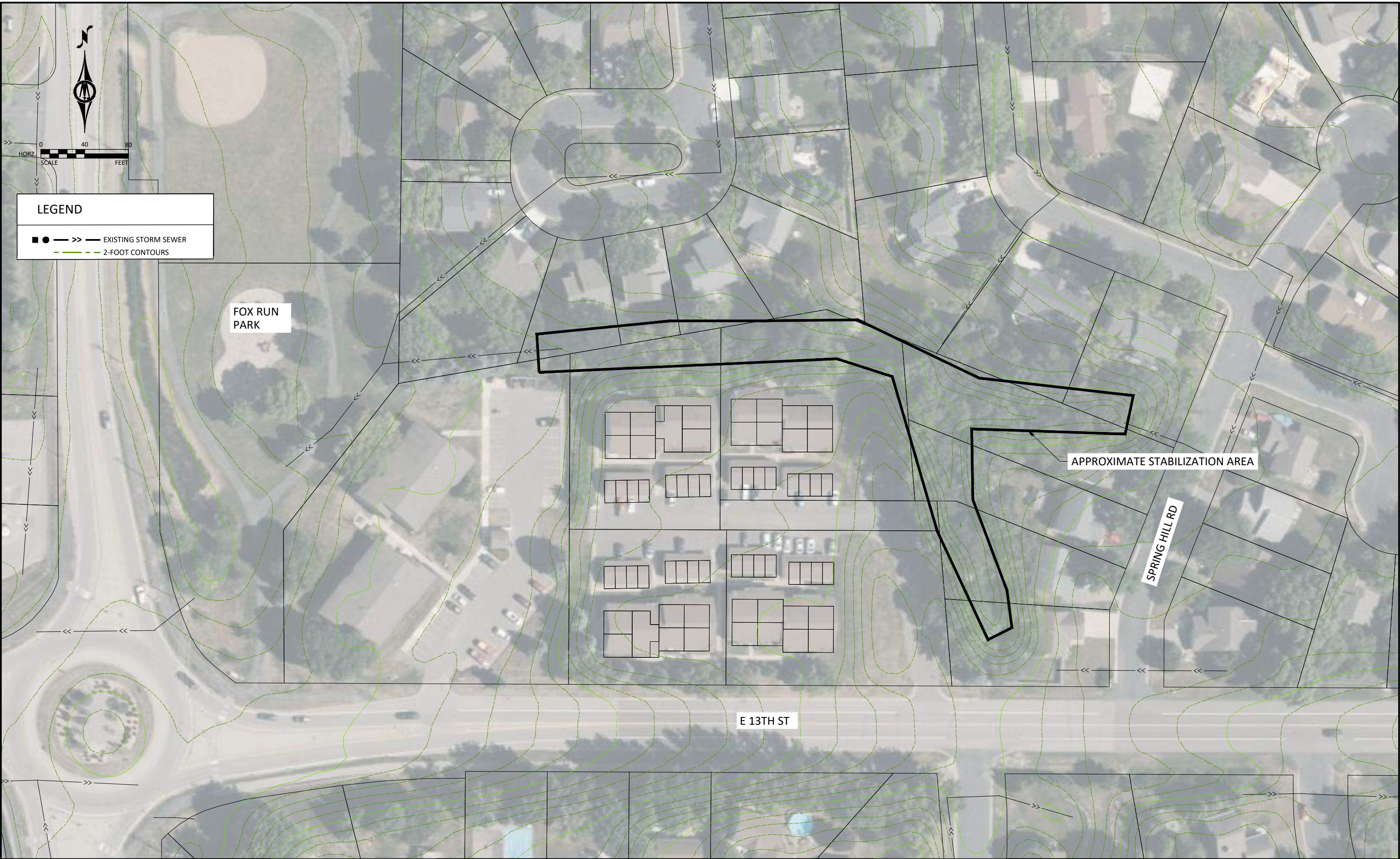
CCWMO 2025 LGU COST SHARE FUNDING**FOX RUN RAVINE STABILIZATION**

CITY OF WACONIA

DATE: 3/26/2025

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	COST	COST
1	CLEARING AND GRUBBING	ACRE	0.8	\$ 10,000.00	\$ 8,000.00
2	GRADING	ACRE	0.8	\$ 30,000.00	\$ 24,000.00
3	COMMON BORROW (LV)	CY	450	\$ 15.00	\$ 6,750.00
4	TOPSOIL BORROW (LV)	CY	200	\$ 60.00	\$ 12,000.00
5	ROCK FILLED GABION RETAINING WALL	SF	500	\$ 150.00	\$ 75,000.00
6	RIP RAP, CL. III, WITH GEOTEXTILE	CY	70	\$ 200.00	\$ 14,000.00
7	24" RCP FLARED END SECTION	EACH	1	\$ 4,000.00	\$ 4,000.00
8	ROCK CONSTRUCTION ENTRANCE	EACH	1	\$ 2,000.00	\$ 2,000.00
9	SILT FENCE	LF	200	\$ 5.00	\$ 1,000.00
10	STRAW BIOROLL	LF	1800	\$ 5.00	\$ 9,000.00
11	SEEDING WITH TURF REINFORCEMENT MAT	SY	900	\$ 20.00	\$ 18,000.00
12	SEEDING WITH EROSION CONTROL BLANKET	SY	2800	\$ 5.00	\$ 14,000.00
13	SOD	SY	200	\$ 12.00	\$ 2,400.00
14	PLANTINGS, BARE ROOT	LS	1	\$ 6,000.00	\$ 6,000.00
	TOTAL ESTIMATED CONSTRUCTION COST:				\$ 196,150.00
	PROJECT DEVELOPMENT COSTS (25%):				\$ 49,037.50
	TEMPORARY EASEMENT				\$ 5,000.00
	TOTAL ESTIMATED PROJECT COST:				\$ 250,187.50

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\\minneapolis\wva\CA_Surfaces\Water Management\1. MID-WIND\GRANTS\2025 CCWMO Cat Share - Fox Run Ravine\GRANT FIGURES.dwg 3/18/2025 1:15 PM



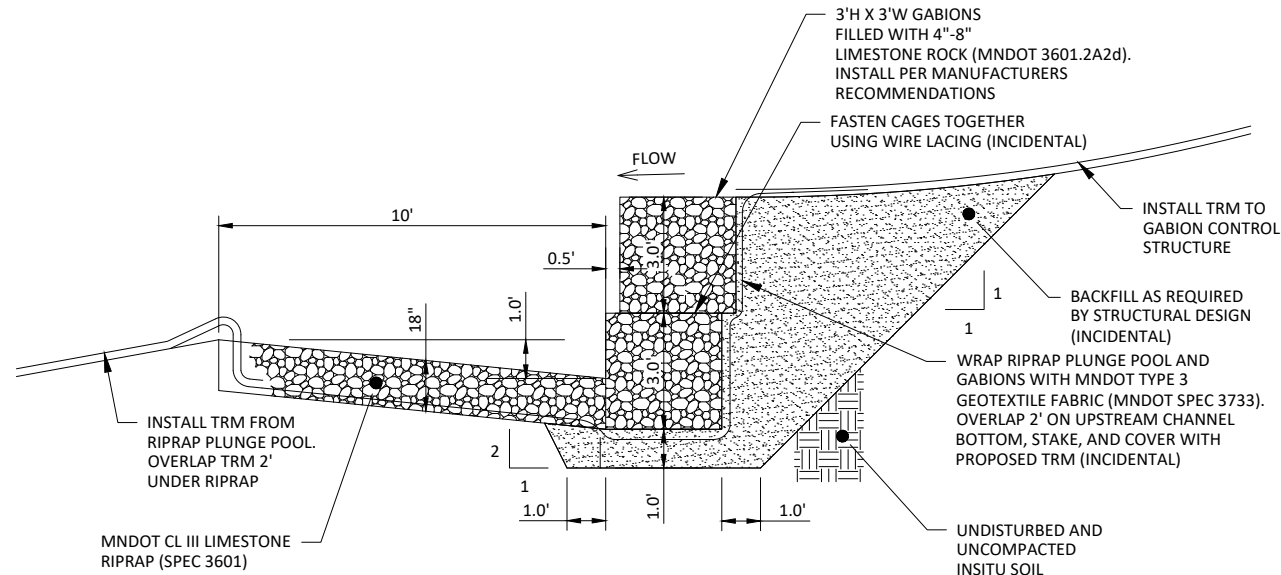
2638 SHADOW LANE, SUITE 200
CHASKA, MN 55318
Phone: (952) 448-8838
Email: Chaska@bolton-menk.com
www.bolton-menk.com



CITY OF WACONIA
FOX RUN RAVINE GRANT APPLICATION
STABILIZATION AREA OVERVIEW

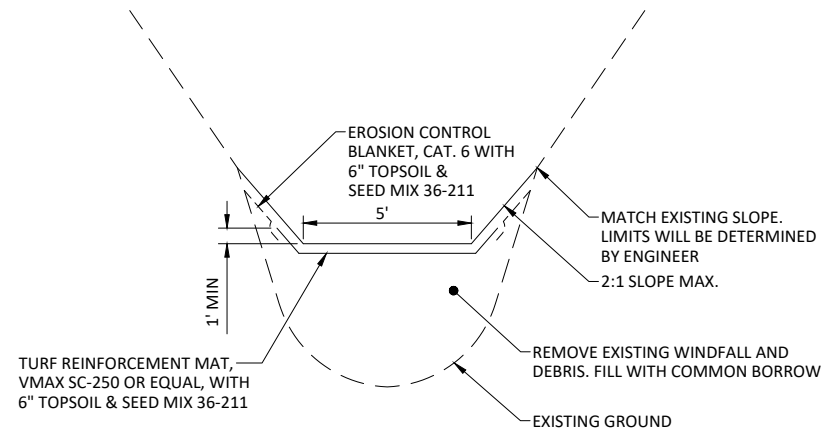
SHEET
1

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Unimpaired Surface Water Management | V.D. Minko (GRANTS) 2025 CCWMO Cost Share - Fox Run Ravine GRANT FIGURES.dwg 3/18/2025 1:18 PM

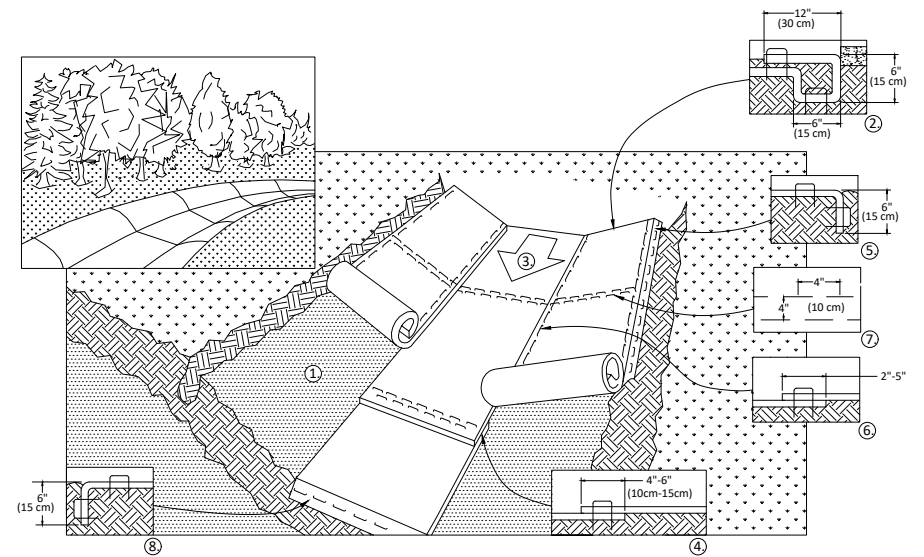


- NOTES:
1. EXTEND RIPRAP ON UPSTREAM SIDE SLOPES OF PLUNGE POOL 2.0' WIDER THAN AND TO UPSTREAM EDGE OF GABION WALL. EXTEND RIPRAP ON DOWNSTREAM SIDE SLOPES OF PLUNGE POOL 1.0' UP FROM CHANNEL BOTTOM. COORDINATE FINAL EXTENTS OF RIPRAP AND GABION WALL IN FIELD WITH ENGINEER.
 2. GABION SHALL BE MACCAFERRI GALVANIZED GABIONS OR APPROVED EQUAL COMPLYING WITH MNDOT 2512.
 3. CONTRACTOR SHALL PROVIDE GABION WALL DESIGN PLAN AND CALCULATIONS CERTIFIED BY MINNESOTA PROFESSIONAL ENGINEER (INCIDENTAL).
 4. LIMESTONE ROCK TO FILL GABIONS SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.

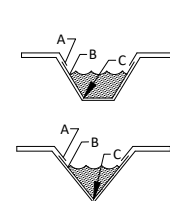
GABION WALL GRADE CONTROL STRUCTURE
NOT TO SCALE



TYPICAL SWALE SECTION
NOT TO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF SEED (TYPE AS SHOWN ON PLANS)
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" (10cm-15cm) OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10cm) APART AND 4" (10cm) ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (5cm-12.5cm) (DEPENDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
7. A STAPLE CHECK SLOT IS REQUIRED AT 30 TO 40 FOOT (9m-12m) INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10cm) APART AND 4" (10cm) ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.



- CRITICAL POINTS
- A. OVERLAPS AND SEAMS
 - B. PROJECTED WATER LINE
 - C. CHANNEL BOTTOM/SIDE SLOPE VERTICES

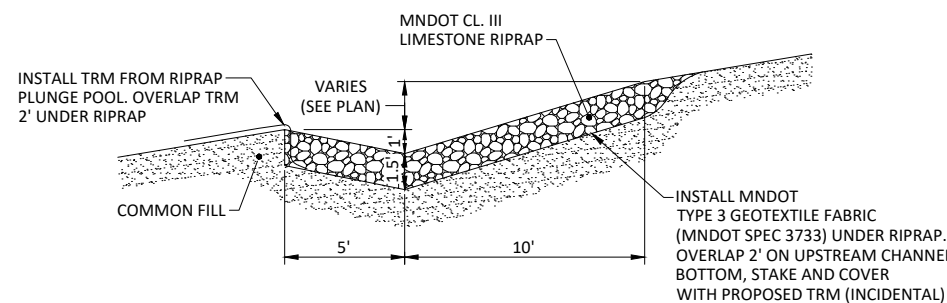
NOTE:
* HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.

** IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

*** STAPLES TO BE MIN. 8" STEEL.

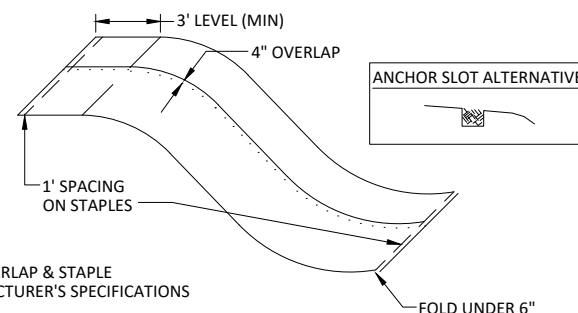
- NOTES:
1. MUST BE VMAX SC-250 OR APPROVED EQUAL.
 2. EXTEND TRM ON SIDE SLOPES OF RAVINE 1.0' UP FROM CHANNEL BOTTOM. COORDINATE FINAL EXTENT OF TRM IN FIELD WITH ENGINEER.

TURF REINFORCEMENT MAT (TRM)



- NOTES:
1. EXTEND RIPRAP 1.0' UP SIDE SLOPES FROM CHANNEL BOTTOM.

RIPRAP GRADE CONTROL STRUCTURE
NOT TO SCALE



NOTE:
ANCHOR, OVERLAP & STAPLE
PER MANUFACTURER'S SPECIFICATIONS

EROSION CONTROL BLANKET INSTALLATION
NOT TO SCALE



2638 SHADOW LANE, SUITE 200
CHASKA, MN 55318
Phone: (952) 448-8838
Email: Chaska@bolton-menk.com
www.bolton-menk.com



CITY OF WACONIA
FOX RUN RAVINE GRANT APPLICATION
EXAMPLE DETAILS

SHEET

2



APPLICATION FOR COST SHARE PROJECT FUNDING

File Number (Office Use Only): _____

Instructions

1. Complete and submit application. Electronic submittals preferred. See page 2 for information on how to submit applications.

APPLICANT INFORMATION (MAIN CONTACT)

Name: _____

Telephone: _____

Email: _____

Address: _____

City/Township: _____

Zip: _____

PROJECT LOCATION

Address: _____

City/Township: _____

PID: _____

Waterbody: _____

PROJECT INFORMATION

Project Name: _____

Description: (please attach addition sheets as necessary, maps, designs, size/area involved, modeling information, expected outcomes, benefits to water resources etc.)

Will the project be accessible to the public?: ☐ yes ☐ no

Can it be a demonstration site due to its being the first such project in the County?: ☐ yes ☐ no

Is the project included in the Carver County Water Plan or a local Water Plan?: ☐ WMO Plan ☐ Local Plan

How will the project improve water quality? Please provide information on percent reductions from existing conditions for the following parameters (if known).

Phosphorus Loading _____

Rate Control _____

Sedimentation Loading _____

Volume Control _____

Other (list parameter) _____

Please list any partners involved:

PROJECT COST ESTIMATES

Total Amount Requested: _____
Match Amount: _____
Total Project Cost: _____

AUTHORIZATION & SIGNATURES

I hereby authorize the County of Carver and the County's authorized representative to enter upon the property subject to this application for the purpose of evaluating the application and upon approval of this application to determine compliance with the application and any associated agreements.

As the person legally responsible for this project I hereby certify that I understand that this project must be conducted in accordance with the approved plans and any attached or subsequent agreements and the Water Management Rules. I further certify that all of information supplied with this application is true and correct to the best of my knowledge.

Signature of Legally Responsible Party:

Date: _____

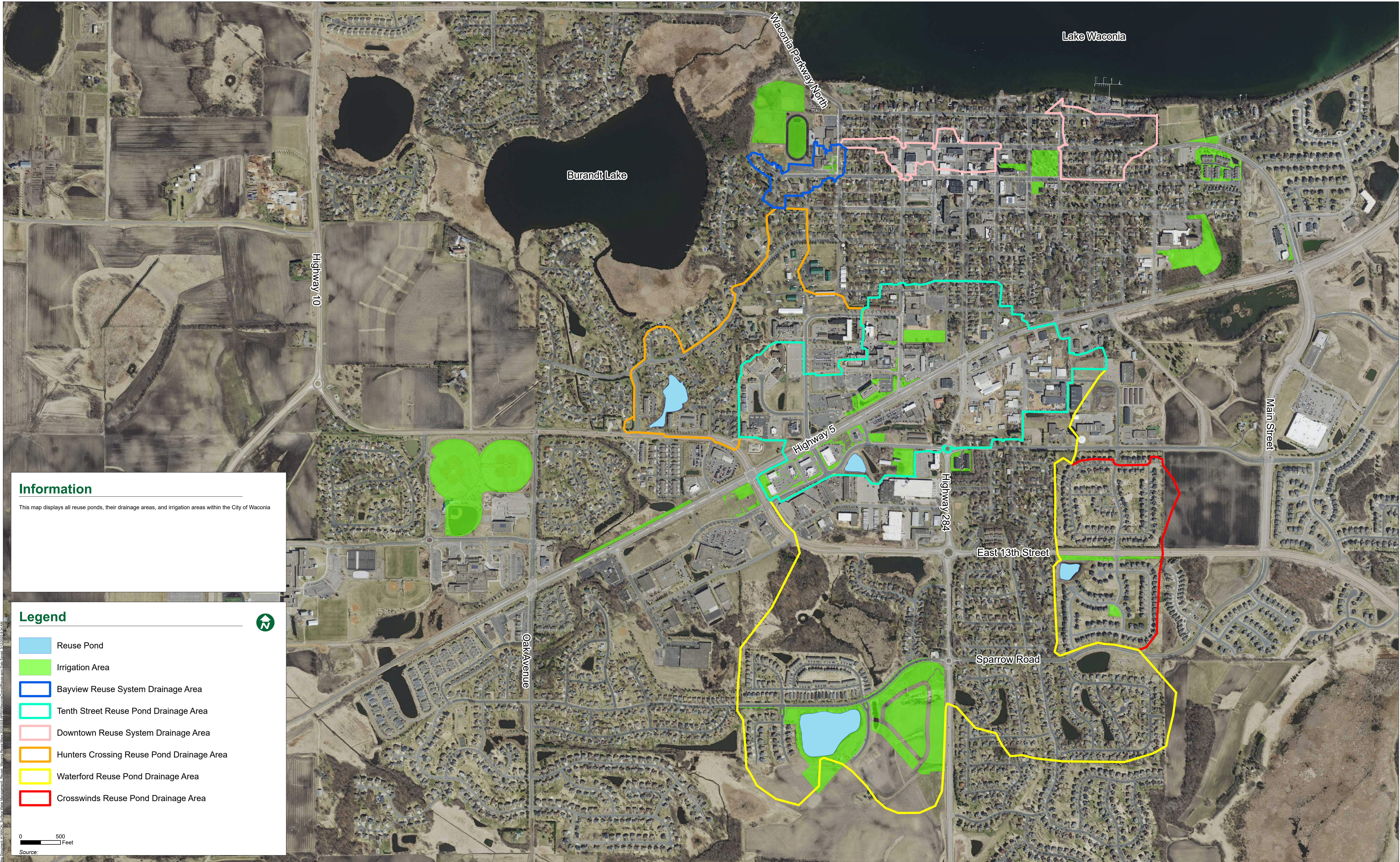
Return application to:

Tim Sundby
Carver Co Planning & Water Mgmt
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Chaska, MN 55318

Email: tsundby@co.carver.mn.us
Phone: 952.361.1816

OFFICE USE ONLY

Date Received: _____
Project Number: _____
Water Stewardship Ranking: _____
WMOAC Recommendation: _____
County Board Approval: _____
Amount Funded: _____



RETROFIT PLC CONTROL BACK PANEL
Modicon Conversion Kit -BP Kit

Customer:	MTI Distributing	Date:	September 9, 2024
Attn:		Quotation #:	090924WaconiaParkway-esp
Phone #:		Project Name:	Waconia Parkway S
Fax #:		Location:	Waconia
Email:		Quoted By:	Eric Pifer
cc:		Email	Eric.Pifer@Watertronics.com

STATION PERFORMANCE: TBD GPM @ TBD PSI

POWER REQUIREMENT: Power shall be 120 volt, 1 phase, 60 hertz

MODEL DESCRIPTION: RET-ST-7C-(20V/3STV)-BP-TBD-TBD

Project Scope: A retrofit open back steel panel assembly, for mounting inside an existing **PLC** based motor control enclosure. The back panel is designed to operate up to 5 main pumps and 1 sustain pump on an existing EBV or VFD based system. Mounted on the back panel will be a MODICON -7C PLC, surge protection, relays, breakers and terminal blocks. It includes Color Touchscreen loose for mounting in control panel door.

This control package is capable of interfacing with ancillary equipment such as a VFD, Filter or Wye Strainer Flush, Auto Inlet Strainer Flush, Wet Well Level Transducer, HC Pump Temp Sensor(s), High/Low PSI Alarm, VFD Speed Selection, VFD Faults, EBVs, injector systems and Watervision Remote Monitoring Software. If the equipment interface or feature is not specifically called out in this proposal, it will not be included.

Note: Motor leads, connecting control system wiring and conduit is not included unless specified below.

STANDARD CONTROLS & EQUIPMENT INCLUDE:

- Painted Steel Open Back Panel populated with: MODICON PLC, power supply, surge protection, relays, breakers and terminal blocks.
- COMFILE 10" Color Touchscreen operator interface device with active matrix STN display featuring:
 - Digital flow (GPM) and pressure (PSI) display
 - Both cumulative and resettable gallons pumped indicators
 - Pump ready/running status with elapsed run time display per pump
 - Flow-based pressure regulation to match discharge pressure with irrigation demand
 - Individual motor overload reporting
 - Minute by minute data logging saved to a removable flash RAM card
 - 32MB card to store approximately 12 months of data
 - Historic & real time X-Y plotting of pump station operation
 - Filter controls as required
 - Alarm log file
 - Ability to change system parameters such as setpoint pressure, time delays
 - Fertigation graphic and control interface when sold with a Watertronics EZ Feed Injection Package
- Alarm conditions w/safety shut down, condition time stamp & automatic diagnostic system:
 - Automatic repressurization after fault condition
 - Low discharge pressure shutdown
 - High discharge pressure shutdown
 - Individual motor overload/phase loss

VFD fault shutdown

Low water level shutdown (VT) or High pump temp shutdown (HC)

- 7' long PLC to Color Touchscreen communication cord
- Cellular and WIFI wireless router
- 1 operation and maintenance manual(s)
- Access to Watertronics customer service technical phone support, technicians on call 24/7
- Access to Watertronics factory authorized service technician

ADDITIONAL EQUIPMENT & SERVICES INCLUDED WITH PLC RETRO KIT:

- Ship Loose Pressure Transducer Kit
- Filter Logic (Time and GPM Based Flush Logic – No Downstream Transducer)
- 20hp and VFD & X-line – 3hp VFD Only

CONTROL PANEL RETRO-KIT PRICE (INCLUDES ALL ABOVE):

\$16,266.00

Adders not included in above base price:

Local Set-Up by Watertronics.....	Included
• Includes one trip to site, one day on site by PSN provider or WT technician	
Local Start-Up by Watertronics.....	Included
• Includes one trip to site, one day on site by PSN provider or WT technician	
• Site must be fully ready to avoid additional trips and further charges	
Crane To Off-Load and Set Pump Station.....	Not Included
Sales Tax.....	Not Included
Domestic US - Packaging & Freight from Factory to Job Site: FOB Factory.....	Included

Shipment: Estimated 5 weeks after receipt of signed contract and drawing approval

Terms and Conditions

CHANGE ORDERS:

1. Change Orders initiated by parties outside of Watertronics, after an order has been entered, may require additional charges to the purchaser regardless of the reason or initiating party. A minimum administrative fee of \$ 150.00 will be charged.
 - a. Lost engineering and order administration time will be charged to the purchaser at \$150.00 per hour.
 - b. Purchase orders to vendors perfected by Watertronics made invalid by the Change Order will incur charges against the purchaser equal to any penalties levied against Watertronics. To include, re-stocking charges, lost freight charges or return goods freight charges and any vendor administrative costs.
 - c. Watertronics lost manufacturing time will be charged to the purchaser at \$100.00 per hour. Additional labor to satisfy the Change Order will be estimated at \$100.00 per hour and added to the total Change Order amount.
 - d. Materials made unusable or scrapped because of the Change Order will be charged to the purchaser at actual sale value as originally assigned to the job.
Replacement materials or goods will be valued as required by the Change Order and be shown in its total.

DELIVERY AND SET-UP:

1. All reasonable efforts will be made to meet the requested delivery date after the receipt of a signed contract however; Watertronics will not be liable for delays in delivery.
2. Control panel components shipped separately at the Customer's request, may incur additional freight charges, payable by the Customer.
3. Customer will be responsible for having job site readily accessible for station delivery via flat bed truck.
4. Customer will provide the equipment and personnel required to unload and/or set the pump station.
5. Station Set-up charges include one day on site. If more than one day is required, additional charges of \$750.00 per day will be assessed if the customer caused the delay.
6. Customer will be responsible for electrical permit if required.

7. Customer will be responsible for primary electrical hookup to pump station.
8. Customer will be responsible for making all piping connections.
9. Customer will be responsible for building modifications (roof removal & installation) if required.
10. Customer will be responsible for wet well, slab, and concrete work.
11. Customer will be responsible for piping wye strainer / filter flush line back to supply lake

START-UP:

1. Start-up charges – if required and if more than one trip and day is required, additional charges of \$750.00 per day will be assessed if the customer caused the delay.
2. Purchaser will notify Watertronics two weeks in advance of the desired start-up date.
3. Startup must be completed within two years of delivery. If start-up is requested after the two year period, the customer will be billed an additional charge for this service.

WARRANTY:

1. Watertronics warrants its pump station products to be free of defects in materials and workmanship for a period of one (1) year from the date of startup, but not later than fifteen (15) months from the date of invoice, unless modified by customer with the selection of the extended warranty option. Stations deemed delivery complete and invoiced accordingly, at Watertronics' factory and stored there, shall have the warranty period commence as of the invoice date.
2. This warranty is limited to replacing or repairing any defective component at the sole option of Watertronics and does not apply to equipment that has been damaged, misapplied or has been modified in any way.
3. Regular scheduled maintenance is required to keep the pump station running in top condition. A minimum of two (2) scheduled preventative maintenance service calls must be performed during the warranty period for the warranty to remain in force. Scheduling and payment for maintenance shall be the responsibility of the owner. Any work performed on the pump station must be provided by a Watertronics recognized PSN (Pump Service Network) service provider and documentation of all work performed within the warranty period must be on file at the factory. Any maintenance or repairs done without the pre-authorization of Watertronics, or its recognized service providers shall void this warranty.
4. This warranty does not cover damages under the following conditions, unless otherwise specified in writing: (1) Lightning strikes, misapplied or inappropriate in-coming power, improper grounding, vandalism, or any incidental, consequential, or acts of God, (2) repairs or replacements made without the pre-authorization of Watertronics, or its recognized service providers, (3) exposure to destructive gaseous or chemical solutions, (4) exposure to water pH levels of less than 6.0 which is typically the result of SO2 burner or sulfuric acid injection, (5) water salinity levels greater than 2000 parts per million, (6) water from a reverse osmosis process plant, (7) unusually high dirt load or abrasives in the water, or (8) pumping water not suitable for turf irrigation.
5. Watertronics will not accept liability for any costs associated with the removal or replacement of equipment in difficult to access locations. This includes, but is not limited to, the use of cranes larger than 15 tons, scuba divers, barges, helicopters, or other unusual means. These extraordinary costs shall be borne by the owner, regardless of the reason necessitating removal of the product from service.
6. THIS WARRANTY IS ABSOLUTELY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES. THIS INCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF WATERTRONICS.

NO AGENT, EMPLOYEE OR REPRESENTATIVE OF WATERTRONICS HAS ANY AUTHORITY TO BIND WATERTRONICS TO AN AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE PRODUCT SOLD UNDER THIS WARRANTY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

POWER SUPPLY:

1. If the supply voltage is not within this acceptable range, the purchaser is responsible for making the necessary corrections. This may include re-tapping or replacing the primary transformer. If the supply voltage is outside the stated range, electrical components such as VFD's, fuses, breakers, overloads, motors, power supplies may intermittently trip or prematurely fail and will not be considered for warranty coverage.
2. The use of generator power is not recommended. If a generator is required as a temporary power supply, the pump station will be covered under Watertronics' limited warranty provided that their "Engine Driven Generator Power Warranty Policy and Operation Guidelines" document is strictly adhered to.
3. Proper electrical grounding of the pump station is a requirement. Station will not operate properly and could pose a health hazard if not properly grounded. Failures of any magnitude due to improper grounding will not be covered under warranty.

Payment Terms:

1. All purchase orders are subject to acceptance at factory in Hartland, Wisconsin. Receipt of Production deposit, verification of acceptable credit and confirmation of order are required before production. On domestic orders, a 25% production deposit is required to initiate order with the balance due net 30 days from date of final invoice. For international orders, either an Irrevocable Letter of Credit (ILC) drawn on a U.S. Bank, with all costs of the ILC borne by the purchaser, is required for the full amount of purchase at time of order, or a 50% cash deposit with order and the remainder paid in cash when product is stated ready for shipment.

2. Late fee of 1.5% per month will be added to any balance due after thirty (30) days from the date of invoice. All payments and/or credits are applied to the outstanding balance before computing a finance charge.
3. In the event the customer cannot take delivery on the requested date, delivery shall be deemed completed, and the warranty period shall commence, at Watertronics' factory with storage for future shipment. For the purpose of payment, eighty (80) percent of the contract price will be due, payable net 30 days from invoice. The customer will be responsible for storage and handling charges at the factory. A minimum charge of \$200 per week will apply, with total storage charges added to the final invoice.

OTHER INFORMATION:

1. Prices valid for sixty (30) days from the date of this proposal.
2. State and local sales taxes are not included in these prices.
3. Seller retains a security interest in the above mentioned equipment as provided by the UNIFORM COMMERCIAL CODE, until payment is received in full.
4. All claims for incorrect deliveries must be submitted in writing to Watertronics Customer Service within 15 days after receipt of goods.
5. All claims for price discrepancy must be submitted in writing to Watertronics Customer Service within 60 days after receipt of goods.
6. A completed pump station may not be returned to Watertronics for credit.

Acceptance Terms:

1. Purchaser hereby agrees that in the event of default in the payment of any amount due, that if this account is placed in the hands of an attorney, or agency for collection or legal action, to pay any and all related attorneys fees, costs of collection including agency, private process servers fees, court costs, etc., incurred and any other costs of collection permitted by the laws governing these transactions. **Terms are subject to final credit approval.**
2. Equipment cancelled before completion will incur restocking charges that will be calculated at time of cancellation. Restocking fees may be the full cost of the pump station depending on the nature of the pump station that is cancelled.
3. Equipment shipped separately from the station, at Purchaser's request, may incur additional freight charges, payable by Purchaser.
4. Delayed deliveries by the customer once equipment is ready to ship, will incur minimum storage charges of \$200 per week, added to the final invoice.

ACCEPTED BY:

Company Name: _____ By: _____

Print Name: _____ Title: _____

Signature Date: _____ Requested Delivery Date: _____

Is this sale taxable? (circle one) Yes No (If the order is non-taxable, a tax exempt certificate for the "ship to" state must be submitted with this order).

Please Return One Signed Copy of This Quotation On Acceptance. Merchandise delivered or shipped is due and payable to: Watertronics LLC, 525 Industrial Drive, P.O. Box 530, Hartland, WI 53029-0530.

Fax number: 262-367-5551 Phone 262-367-5000.

BILL TO INFORMATION:

Company Name: _____ Phone: _____ Fax: _____ Email Address _____

Billing Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____ Title: _____

SHIP TO INFORMATION:

Company Name: _____ Phone: _____ Fax: _____

Shipping Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____ Title: _____ Phone : _____

Thank you for the opportunity to quote on your pump station needs. If you have any questions or require further information, please call us at 262-367-5000.

RETROFIT PLC CONTROL BACK PANEL
Modicon Conversion Kit -BP Kit

Customer:	MTI Distributing	Date:	September 9, 2024
Attn:		Quotation #:	090924Waconia10thSt-esp
Phone #:		Project Name:	Waconia 10 th St
Fax #:		Location:	Waconia
Email:		Quoted By:	Eric Pifer
cc:		Email	Eric.Pifer@Watertronics.com

STATION PERFORMANCE: TBD GPM @ TBD PSI

POWER REQUIREMENT: Power shall be 120 volt, 1 phase, 60 hertz

MODEL DESCRIPTION: RET-ST-7C-(30V//7.5/3STV)-BP-TBD-TBD

Project Scope: A retrofit open back steel panel assembly, for mounting inside an existing **PLC** based motor control enclosure. The back panel is designed to operate up to 5 main pumps and 1 sustain pump on an existing EBV or VFD based system. Mounted on the back panel will be a MODICON -7C PLC, surge protection, relays, breakers and terminal blocks. It includes Color Touchscreen loose for mounting in control panel door.

This control package is capable of interfacing with ancillary equipment such as a VFD, Filter or Wye Strainer Flush, Auto Inlet Strainer Flush, Wet Well Level Transducer, HC Pump Temp Sensor(s), High/Low PSI Alarm, VFD Speed Selection, VFD Faults, EBVs, injector systems and Watervision Remote Monitoring Software. If the equipment interface or feature is not specifically called out in this proposal, it will not be included.

Note: Motor leads, connecting control system wiring and conduit is not included unless specified below.

STANDARD CONTROLS & EQUIPMENT INCLUDE:

- Painted Steel Open Back Panel populated with: MODICON PLC, power supply, surge protection, relays, breakers and terminal blocks.
- COMFILE 10" Color Touchscreen operator interface device with active matrix STN display featuring:
 - Digital flow (GPM) and pressure (PSI) display
 - Both cumulative and resettable gallons pumped indicators
 - Pump ready/running status with elapsed run time display per pump
 - Flow-based pressure regulation to match discharge pressure with irrigation demand
 - Individual motor overload reporting
 - Minute by minute data logging saved to a removable flash RAM card
 - 32MB card to store approximately 12 months of data
 - Historic & real time X-Y plotting of pump station operation
 - Filter controls as required
 - Alarm log file
 - Ability to change system parameters such as setpoint pressure, time delays
 - Fertigation graphic and control interface when sold with a Watertronics EZ Feed Injection Package
- Alarm conditions w/safety shut down, condition time stamp & automatic diagnostic system:
 - Automatic repressurization after fault condition
 - Low discharge pressure shutdown
 - High discharge pressure shutdown
 - Individual motor overload/phase loss

VFD fault shutdown

Low water level shutdown (VT) or High pump temp shutdown (HC)

- 7' long PLC to Color Touchscreen communication cord
- Cellular and WIFI wireless router
- 1 operation and maintenance manual(s)
- Access to Watertronics customer service technical phone support, technicians on call 24/7
- Access to Watertronics factory authorized service technician

ADDITIONAL EQUIPMENT & SERVICES INCLUDED WITH PLC RETRO KIT:

- Ship Loose Pressure Transducer Kit
- Filter Logic (Time and GPM Based Flush Logic – No Downstream Transducer)
- 30hp & 7.5 and VFD & X-line – 3hp VFD Only

CONTROL PANEL RETRO-KIT PRICE (INCLUDES ALL ABOVE):

\$16,266.00

Adders not included in above base price:

Local Set-Up by Watertronics.....	Included
• Includes one trip to site, one day on site by PSN provider or WT technician	
Local Start-Up by Watertronics.....	Included
• Includes one trip to site, one day on site by PSN provider or WT technician	
• Site must be fully ready to avoid additional trips and further charges	
Crane To Off-Load and Set Pump Station.....	Not Included
Sales Tax.....	Not Included
Domestic US - Packaging & Freight from Factory to Job Site: FOB Factory.....	Included

Shipment: Estimated 5 weeks after receipt of signed contract and drawing approval

Terms and Conditions

CHANGE ORDERS:

1. Change Orders initiated by parties outside of Watertronics, after an order has been entered, may require additional charges to the purchaser regardless of the reason or initiating party. A minimum administrative fee of \$ 150.00 will be charged.
 - a. Lost engineering and order administration time will be charged to the purchaser at \$150.00 per hour.
 - b. Purchase orders to vendors perfected by Watertronics made invalid by the Change Order will incur charges against the purchaser equal to any penalties levied against Watertronics. To include, re-stocking charges, lost freight charges or return goods freight charges and any vendor administrative costs.
 - c. Watertronics lost manufacturing time will be charged to the purchaser at \$100.00 per hour. Additional labor to satisfy the Change Order will be estimated at \$100.00 per hour and added to the total Change Order amount.
 - d. Materials made unusable or scrapped because of the Change Order will be charged to the purchaser at actual sale value as originally assigned to the job.
Replacement materials or goods will be valued as required by the Change Order and be shown in its total.

DELIVERY AND SET-UP:

1. All reasonable efforts will be made to meet the requested delivery date after the receipt of a signed contract however; Watertronics will not be liable for delays in delivery.
2. Control panel components shipped separately at the Customer's request, may incur additional freight charges, payable by the Customer.
3. Customer will be responsible for having job site readily accessible for station delivery via flat bed truck.
4. Customer will provide the equipment and personnel required to unload and/or set the pump station.
5. Station Set-up charges include one day on site. If more than one day is required, additional charges of \$750.00 per day will be assessed if the customer caused the delay.
6. Customer will be responsible for electrical permit if required.

7. Customer will be responsible for primary electrical hookup to pump station.
8. Customer will be responsible for making all piping connections.
9. Customer will be responsible for building modifications (roof removal & installation) if required.
10. Customer will be responsible for wet well, slab, and concrete work.
11. Customer will be responsible for piping wye strainer / filter flush line back to supply lake

START-UP:

1. Start-up charges – if required and if more than one trip and day is required, additional charges of \$750.00 per day will be assessed if the customer caused the delay.
2. Purchaser will notify Watertronics two weeks in advance of the desired start-up date.
3. Startup must be completed within two years of delivery. If start-up is requested after the two year period, the customer will be billed an additional charge for this service.

WARRANTY:

1. Watertronics warrants its pump station products to be free of defects in materials and workmanship for a period of one (1) year from the date of startup, but not later than fifteen (15) months from the date of invoice, unless modified by customer with the selection of the extended warranty option. Stations deemed delivery complete and invoiced accordingly, at Watertronics' factory and stored there, shall have the warranty period commence as of the invoice date.
2. This warranty is limited to replacing or repairing any defective component at the sole option of Watertronics and does not apply to equipment that has been damaged, misapplied or has been modified in any way.
3. Regular scheduled maintenance is required to keep the pump station running in top condition. A minimum of two (2) scheduled preventative maintenance service calls must be performed during the warranty period for the warranty to remain in force. Scheduling and payment for maintenance shall be the responsibility of the owner. Any work performed on the pump station must be provided by a Watertronics recognized PSN (Pump Service Network) service provider and documentation of all work performed within the warranty period must be on file at the factory. Any maintenance or repairs done without the pre-authorization of Watertronics, or its recognized service providers shall void this warranty.
4. This warranty does not cover damages under the following conditions, unless otherwise specified in writing: (1) Lightning strikes, misapplied or inappropriate in-coming power, improper grounding, vandalism, or any incidental, consequential, or acts of God, (2) repairs or replacements made without the pre-authorization of Watertronics, or its recognized service providers, (3) exposure to destructive gaseous or chemical solutions, (4) exposure to water pH levels of less than 6.0 which is typically the result of SO2 burner or sulfuric acid injection, (5) water salinity levels greater than 2000 parts per million, (6) water from a reverse osmosis process plant, (7) unusually high dirt load or abrasives in the water, or (8) pumping water not suitable for turf irrigation.
5. Watertronics will not accept liability for any costs associated with the removal or replacement of equipment in difficult to access locations. This includes, but is not limited to, the use of cranes larger than 15 tons, scuba divers, barges, helicopters, or other unusual means. These extraordinary costs shall be borne by the owner, regardless of the reason necessitating removal of the product from service.
6. THIS WARRANTY IS ABSOLUTELY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES. THIS INCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF WATERTRONICS.

NO AGENT, EMPLOYEE OR REPRESENTATIVE OF WATERTRONICS HAS ANY AUTHORITY TO BIND WATERTRONICS TO AN AFFIRMATION, REPRESENTATION OR WARRANTY CONCERNING THE PRODUCT SOLD UNDER THIS WARRANTY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

POWER SUPPLY:

1. If the supply voltage is not within this acceptable range, the purchaser is responsible for making the necessary corrections. This may include re-tapping or replacing the primary transformer. If the supply voltage is outside the stated range, electrical components such as VFD's, fuses, breakers, overloads, motors, power supplies may intermittently trip or prematurely fail and will not be considered for warranty coverage.
2. The use of generator power is not recommended. If a generator is required as a temporary power supply, the pump station will be covered under Watertronics' limited warranty provided that their "Engine Driven Generator Power Warranty Policy and Operation Guidelines" document is strictly adhered to.
3. Proper electrical grounding of the pump station is a requirement. Station will not operate properly and could pose a health hazard if not properly grounded. Failures of any magnitude due to improper grounding will not be covered under warranty.

Payment Terms:

1. All purchase orders are subject to acceptance at factory in Hartland, Wisconsin. Receipt of Production deposit, verification of acceptable credit and confirmation of order are required before production. On domestic orders, a 25% production deposit is required to initiate order with the balance due net 30 days from date of final invoice. For international orders, either an Irrevocable Letter of Credit (ILC) drawn on a U.S. Bank, with all costs of the ILC borne by the purchaser, is required for the full amount of purchase at time of order, or a 50% cash deposit with order and the remainder paid in cash when product is stated ready for shipment.

2. Late fee of 1.5% per month will be added to any balance due after thirty (30) days from the date of invoice. All payments and/or credits are applied to the outstanding balance before computing a finance charge.
3. In the event the customer cannot take delivery on the requested date, delivery shall be deemed completed, and the warranty period shall commence, at Watertronics' factory with storage for future shipment. For the purpose of payment, eighty (80) percent of the contract price will be due, payable net 30 days from invoice. The customer will be responsible for storage and handling charges at the factory. A minimum charge of \$200 per week will apply, with total storage charges added to the final invoice.

OTHER INFORMATION:

1. Prices valid for sixty (30) days from the date of this proposal.
2. State and local sales taxes are not included in these prices.
3. Seller retains a security interest in the above mentioned equipment as provided by the UNIFORM COMMERCIAL CODE, until payment is received in full.
4. All claims for incorrect deliveries must be submitted in writing to Watertronics Customer Service within 15 days after receipt of goods.
5. All claims for price discrepancy must be submitted in writing to Watertronics Customer Service within 60 days after receipt of goods.
6. A completed pump station may not be returned to Watertronics for credit.

Acceptance Terms:

1. Purchaser hereby agrees that in the event of default in the payment of any amount due, that if this account is placed in the hands of an attorney, or agency for collection or legal action, to pay any and all related attorneys fees, costs of collection including agency, private process servers fees, court costs, etc., incurred and any other costs of collection permitted by the laws governing these transactions. **Terms are subject to final credit approval.**
2. Equipment cancelled before completion will incur restocking charges that will be calculated at time of cancellation. Restocking fees may be the full cost of the pump station depending on the nature of the pump station that is cancelled.
3. Equipment shipped separately from the station, at Purchaser's request, may incur additional freight charges, payable by Purchaser.
4. Delayed deliveries by the customer once equipment is ready to ship, will incur minimum storage charges of \$200 per week, added to the final invoice.

ACCEPTED BY:

Company Name: _____ By: _____

Print Name: _____ Title: _____

Signature Date: _____ Requested Delivery Date: _____

Is this sale taxable? (circle one) Yes No (If the order is non-taxable, a tax exempt certificate for the "ship to" state must be submitted with this order).

Please Return One Signed Copy of This Quotation On Acceptance. Merchandise delivered or shipped is due and payable to: Watertronics LLC, 525 Industrial Drive, P.O. Box 530, Hartland, WI 53029-0530.

Fax number: 262-367-5551 Phone 262-367-5000.

BILL TO INFORMATION:

Company Name: _____ Phone: _____ Fax: _____ Email Address _____

Billing Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____ Title: _____

SHIP TO INFORMATION:

Company Name: _____ Phone: _____ Fax: _____

Shipping Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name (Print): _____ Title: _____ Phone : _____

Thank you for the opportunity to quote on your pump station needs. If you have any questions or require further information, please call us at 262-367-5000.



APPLICATION FOR COST SHARE PROJECT FUNDING

File Number (Office Use Only): _____

Instructions

1. Complete and submit application. Electronic submittals preferred. See page 2 for information on how to submit applications.

APPLICANT INFORMATION (MAIN CONTACT)

Name: _____

Telephone: _____

Email: _____

Address: _____

City/Township: _____

Zip: _____

PROJECT LOCATION

Address: _____

City/Township: _____

PID: _____

Waterbody: _____

PROJECT INFORMATION

Project Name: _____

Description: (please attach addition sheets as necessary, maps, designs, size/area involved, modeling information, expected outcomes, benefits to water resources etc.)

Will the project be accessible to the public?: ☐ yes ☐ no

Can it be a demonstration site due to its being the first such project in the County?: ☐ yes ☐ no

Is the project included in the Carver County Water Plan or a local Water Plan?: ☐ WMO Plan ☐ Local Plan

How will the project improve water quality? Please provide information on percent reductions from existing conditions for the following parameters (if known).

Phosphorus Loading _____

Rate Control _____

Sedimentation Loading _____

Volume Control _____

Other (list parameter) _____

Please list any partners involved:

PROJECT COST ESTIMATES

Total Amount Requested: _____
Match Amount: _____
Total Project Cost: _____

AUTHORIZATION & SIGNATURES

I hereby authorize the County of Carver and the County's authorized representative to enter upon the property subject to this application for the purpose of evaluating the application and upon approval of this application to determine compliance with the application and any associated agreements.

As the person legally responsible for this project I hereby certify that I understand that this project must be conducted in accordance with the approved plans and any attached or subsequent agreements and the Water Management Rules. I further certify that all of information supplied with this application is true and correct to the best of my knowledge.

Signature of Legally Responsible Party:



Date: _____

Return application to:

Tim Sundby
Carver Co Planning & Water Mgmt
600 East Fourth Street
Chaska, MN 55318

Email: tsundby@co.carver.mn.us
Phone: 952.361.1816

OFFICE USE ONLY

Date Received: _____
Project Number: _____
Water Stewardship Ranking: _____
WMOAC Recommendation: _____
County Board Approval: _____
Amount Funded: _____

CITY OF WACONIA – REUSE MASTER PLANNING

Scope of Work

Task 1: Data Collection & System Mapping

- Utilize GIS, stormwater management planning, LiDAR surface topography, high resolution aerial photography, and other geospatial information to generate a system map describing the existing drainage conditions.
- Utilize aerial photography to identify areas with large open spaces that require irrigation, or that may possibly be receptive to additional land applied water.
- Develop a comprehensive model of all known City modeling efforts. This will include research of past projects and combining those efforts into a single system.

Task 2: Hydraulic & Hydrologic Modeling

- Convert specific areas from HydroCAD to SSA modeling software. If significant modeling efforts are needed, Bolton & Menk staff will communicate with the City.
- Develop or refine watershed-based modeling to enhance detail in areas that may be feasible for stormwater capture and irrigation.

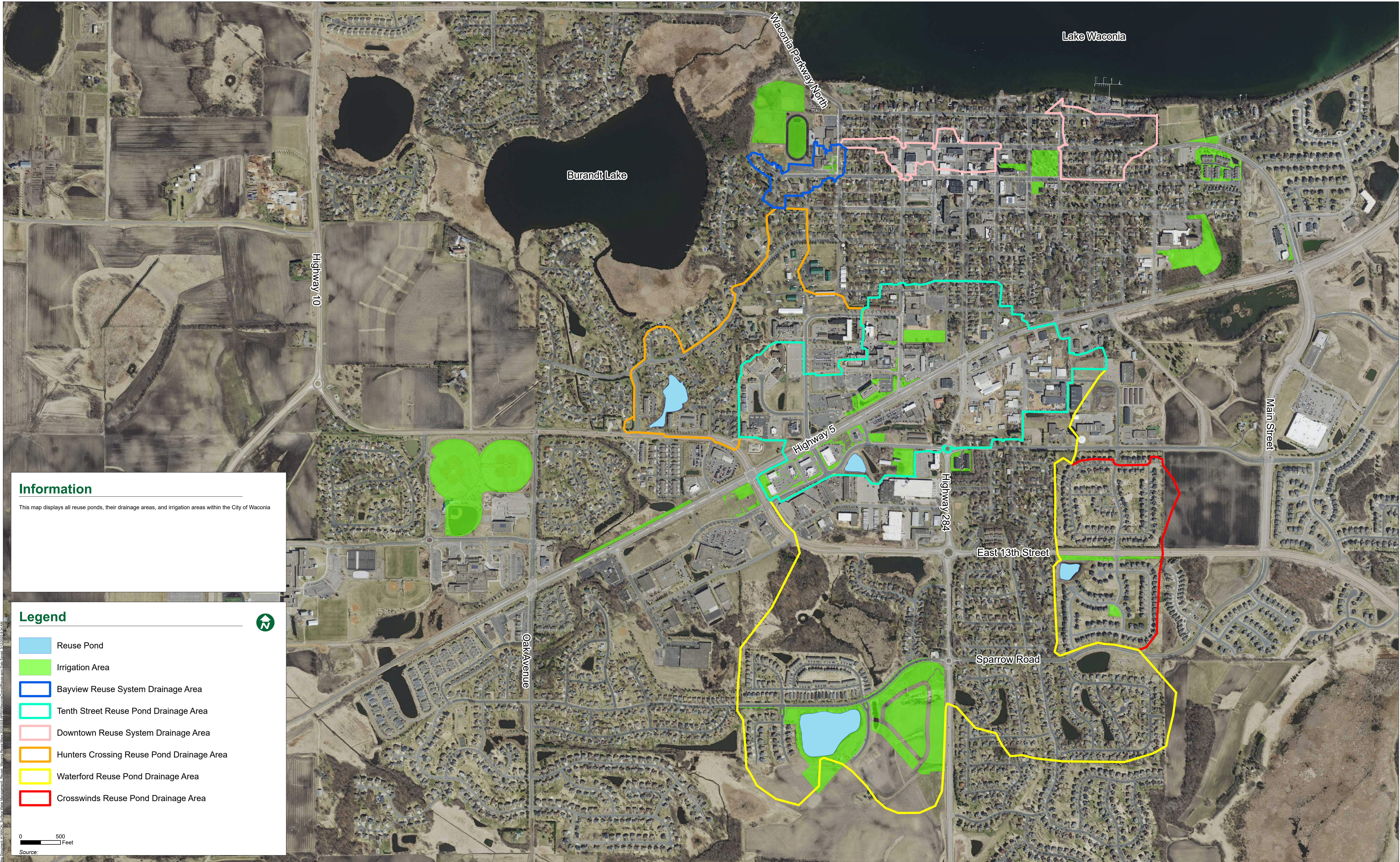
Task 3: Stormwater Capture & Reuse System Sizing

- Utilize stormwater capture and reuse for irrigation sizing calculator (CCWMO, Metropolitan Council, etc.) to understand irrigation efficiency and water storage sizing. Irrigation efficiency is the percentage of the year that an irrigated area could rely on stormwater instead of groundwater.
- Establish prioritization metrics, such as area treated, credits produced, system efficiency, upcoming development or street projects in the subwatershed, etc. to prioritize system implementation.

Task 4: Report & Cost Estimates

- Develop draft and final cost estimates for City review.
- Develop draft and final exhibits for City review.
- Complete and submit the final study with cost estimates and exhibits.

Estimated Fee - \$61,500





APPLICATION FOR COST SHARE PROJECT FUNDING

File Number (Office Use Only): _____

Instructions

1. Complete and submit application. Electronic submittals preferred. See page 2 for information on how to submit applications.

APPLICANT INFORMATION (MAIN CONTACT)

Name: _____

Telephone: _____

Email: _____

Address: _____

City/Township: _____ **Zip:** _____

PROJECT LOCATION

Address: _____

City/Township: _____

PID: _____

Waterbody: _____

PROJECT INFORMATION

Project Name: _____

Description: (please attach addition sheets as necessary, maps, designs, size/area involved, modeling information, expected outcomes, benefits to water resources etc.)

Will the project be accessible to the public?: ☐ yes ☐ no

Can it be a demonstration site due to its being the first such project in the County?: ☐ yes ☐ no

Is the project included in the Carver County Water Plan or a local Water Plan?: ☐ WMO Plan ☐ Local Plan

How will the project improve water quality? Please provide information on percent reductions from existing conditions for the following parameters (if known).

Phosphorus Loading _____ Rate Control _____

Sedimentation Loading _____ Volume Control _____

Other (list parameter) _____

Please list any partners involved:

PROJECT COST ESTIMATES

Total Amount Requested: _____
Match Amount: _____
Total Project Cost: _____

AUTHORIZATION & SIGNATURES

I hereby authorize the County of Carver and the County's authorized representative to enter upon the property subject to this application for the purpose of evaluating the application and upon approval of this application to determine compliance with the application and any associated agreements.

As the person legally responsible for this project I hereby certify that I understand that this project must be conducted in accordance with the approved plans and any attached or subsequent agreements and the Water Management Rules. I further certify that all of information supplied with this application is true and correct to the best of my knowledge.

Signature of Legally Responsible Party:

Philip J. Schrupp

Digitally signed by Philip J. Schrupp
DN: cn=Philip J. Schrupp, o=Philip J. Schrupp & Merik, ou=Engineering, cn=Philip J. Schrupp
Reason: I am the author of this document
Date: 2025.02.28 07:14:26-0800

Date: _____

Return application to:

Tim Sundby
Carver Co Planning & Water Mgmt
600 East Fourth Street
Chaska, MN 55318

Email: tsundby@co.carver.mn.us
Phone: 952.361.1816

OFFICE USE ONLY

Date Received: _____
Project Number: _____
Water Stewardship Ranking: _____
WMOAC Recommendation: _____
County Board Approval: _____
Amount Funded: _____



CCWMO 2025 LGU COST SHARE FUNDING**SUMP & BAFFLE RETROFIT**

CITY OF WATERTOWN

DATE: 2/26/2025

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	COST	COST
1	MOBILIZATION	LUMP SUM	1	\$ 8,000.00	\$ 8,000.00
2	TRAFFIC CONTROL	LUMP SUM	1	\$ 1,000.00	\$ 1,000.00
3	STREET SWEEPING	LUMP SUM	1	\$ 5,000.00	\$ 5,000.00
4	REMOVE CONCRETE CURB & GUTTER	LIN FT	10	\$ 16.00	\$ 160.00
5	REMOVE BITUMINOUS PAVEMENT	SQ YD	15	\$ 18.00	\$ 270.00
6	CONCRETE CURB & GUTTER (HAND FORMED)	LIN FT	10	\$ 90.00	\$ 900.00
7	BITUMINOUS PATCH	SQ YD	15	\$ 155.00	\$ 2,325.00
8	CASTING ASSEMBLY (STORM)	EACH	1	\$ 1,000.00	\$ 1,000.00
9	CHIMNEY SEAL	EACH	1	\$ 350.00	\$ 350.00
10	CONSTRUCT DRAINAGE STRUCTURE	LIN FT	7	\$ 1,000.00	\$ 7,000.00
11	SAFL BAFFLE	EACH	1	\$ 9,000.00	\$ 9,000.00
	TOTAL ESTIMATED CONSTRUCTION COST:				\$ 35,005.00
	PROJECT DEVELOPMENT COSTS (25%):				\$ 8,751.25
	TOTAL ESTIMATED PROJECT COST:				\$ 43,756.25



APPLICATION FOR COST SHARE PROJECT FUNDING

File Number (Office Use Only): _____

Instructions

1. Complete and submit application. Electronic submittals preferred. See page 2 for information on how to submit applications.

APPLICANT INFORMATION (MAIN CONTACT)

Name: Laketown Township

Telephone: (952) 442-5278

Email: Clerk@LaketownMN.gov

Address: 9530 Laketown Rd

City/Township: Chaska/Laketown **Zip:** 55318

PROJECT LOCATION

Address: 201 Community Sewers near Reitz Lake and Lake Bavaria (locations in WMO)

City/Township: Laketown Township

PID: _____

Waterbody: Reitz Lake & Lake Bavaria

PROJECT INFORMATION

Project Name: 201 Community Sewer Improvement Project

Description: (please attach addition sheets as necessary, maps, designs, size/area involved, modeling information, expected outcomes, benefits to water resources etc.)

Facility Plan by Bolton & Menk in a separate attachment.

We are on track for state bonding & awaiting update on FY26 federal funds as FY25 funds that were supported and earmarked got stripped in the recent CR passed by Congress. We are requesting WMO assistance to help bridge the financing gap to be able to proceed with the design/spec/bid phase so it is ready for bid in early 2026. Project costs continue to rise as time goes by. Increased risk of failure in any of the locations as time goes by - currently able to maintain & repair to buy time on a 40-year old system past its 20-25 yr lifespan. Improvement to sanitary sewer - removal of tanks - new lift stations - all protect the nearby lakes and watersheds from contamination.

Note: Pierson Lake is part of the project, but not in CCWMO and therefore not a part of this request.

Note: Water quality blanks below do not accept text, so please refer to plans and engineering notes as "0.00%" is not an accurate response from us.

Note: Match amount on page 2 also does not allow text - we are asking for just under 10% of the project cost - and can be done in 2 phases.

We are also agreeable to the contribution being tied to a showing of financing necessary to proceed.

Will the project be accessible to the public?: ☒ yes ☐ no

Can it be a demonstration site due to its being the first such project in the County?: ☐ yes ☒ no

Is the project included in the Carver County Water Plan or a local Water Plan?: ☐ WMO Plan ☒ Local Plan

How will the project improve water quality? Please provide information on percent reductions from existing conditions for the following parameters (if known).

Phosphorus Loading 0.00%

Rate Control 0.00%

Sedimentation Loading 0.00%

Volume Control 0.00%

Other (list parameter) 0.00%

Please list any partners involved:

Support from all 3 city's growth areas for future annexation (2040 and beyond). Chaska, Victoria, Waconia; Met Council, MPCA/PFA

PROJECT COST ESTIMATES

Total Amount Requested: \$2,000,000.00

Match Amount: _____

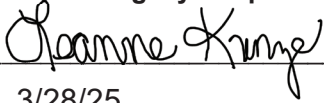
Total Project Cost: \$24,000,000.00

AUTHORIZATION & SIGNATURES

I hereby authorize the County of Carver and the County's authorized representative to enter upon the property subject to this application for the purpose of evaluating the application and upon approval of this application to determine compliance with the application and any associated agreements.

As the person legally responsible for this project I hereby certify that I understand that this project must be conducted in accordance with the approved plans and any attached or subsequent agreements and the Water Management Rules. I further certify that all of information supplied with this application is true and correct to the best of my knowledge.

Signature of Legally Responsible Party:



Date: 3/28/25

Return application to:

Tim Sundby
Carver Co Planning & Water Mgmt
600 East Fourth Street
Chaska, MN 55318

Email: tsundby@co.carver.mn.us
Phone: 952.361.1816

OFFICE USE ONLY

Date Received: _____

Project Number: _____

Water Stewardship Ranking: _____

WMOAC Recommendation: _____

County Board Approval: _____

Amount Funded: _____



Carver County Water Management Organization Advisory Committee

Upcoming Meetings

Date	Meeting Type	Business Items
May 27, 2025	Regular	
June 24, 2025	Tour	
July 29, 2025	Regular	
August 26, 2025	Regular	

Upcoming Events

April 26, 2025	Well water test kit event	Carver County Water Management Organization is hosting well water test kit pick up event at the April 26 spring special waste collection in Watertown. Well water test kit details
May 17, 2025	City of Waconia Public Services open house	Carver County Water Management Organization will host an information booth with information on native plants, stormwater runoff pollution prevention, and grant program information.