

RPBCWD Staff Report – November 2023

Administration	Description	Update	Partners
<b>Accounting, Audit &amp; Budget</b>	<p>Coordinate with Accountants for the development of financial reports. Coordinate with the Auditor. Continue to work with the Treasurer to maximize on fund investments.</p>	<p>Staff Bakkum compiled the monthly treasurer’s report Administrator Jeffery is reviewing adopted 2024 budget and is updating with the most current year to date revenues and expenditures. Administrator Jeffery and Engineer Sobiech are reviewing the adopted budget to provide a clearer illustration of committed funds relative to funds in reserve. This will allow for the Audit and Finance Committee to make an educated estimate as to funds available for investment. Administrator Jeffery and Staff Bakkum have been provided with new login credentials from Abdo to begin the 2023 audit season.</p>	
<b>Administration</b>	<p>Administrator activities</p>	<p>Administrator Jeffery is participating in a salary survey being conducted on behalf of Rice Creek Watershed District. Results will be made available towards the end of the year. The LMC survey is not very valuable as there were only four watershed organizations that participated and the job descriptions for municipalities is not commensurate with those of watersheds. Administrator Jeffery was appointed to the MAWA Executive Committee, Communications Platform Committee, Policy Committee, and Finance Committee at the November meeting of MAWA. Administrator Jeffery is participating in a focus group being facilitated by the Metropolitan Council as they develop their next generation transportation plan. Administrator Jeffery is participating in the West Metro Water Supply Planning workgroup.</p>	
<b>Annual Report &amp; Communication</b>	<p>Compile, finalize and submit an annual report to agencies.</p>	<p>Staff have begun outlining format and compiling data for the report.</p>	
<b>DEI</b>	<p>Diversity, Equity, and Inclusion</p>	<p>Staff Mahon attended the November meeting of the Watershed Diversity, Equity, Inclusion and Access (DEIA) Workgroup. The workgroup hosted an experiential learning activity session at the 2023 Minnesota Watersheds Annual Conference.</p>	
<b>Human Resources</b>	<p>General Human Resources</p>	<p>NorthRisk Partners met with the Personnel Committee in October to discuss 2024 benefits and changes thereof. A comparison of</p>	

		<p>various plans showed that the current plan is still the most cost effective. This is despite the 10.3% increase in cost. There is adequate budget to accommodate this increase.</p> <p>LMCIT Board of Trustees approved premium rates and coverage changes for 2024. Property and casualty rates will decrease an average of 0.75% and workers' compensation rates decreased an average of 15%</p>	
<b>Internal Policies</b>	Work with Governance Manual and Personnel Committees to review bylaws and manuals as necessary.	The administrator and the Audit and Finance Committee are working on updating the Public Purposes Expenditure Policy, the Fund Balance Policy, and Internal Controls and Procedures for Financial Management.	
<b>Advisory</b>	<p>Engage with the Technical Advisory Committee on water conservation, chloride management and emerging topics.</p> <p>Engage with the Citizen Advisory Committee on water conservation, annual budget, and emerging topics.</p>	The CAC held a regular meeting on Nov. 20 in person at the district office. Minutes will be provided as part of the board packet. The next regular meeting of the CAC will be Dec 18. The January & February meetings will be held the 4 <sup>th</sup> Mondays of the month due to holidays/office closure.	
<b>Local SWMP</b>	Review of member cities local surface water management plan.	<p>Bloomington 2018-2027</p> <p>Chanhassen 2016-2025</p> <p>Chaska 2015-2024</p> <p>Deephaven 2015-2024</p> <p>Eden Prairie 2021-2030</p> <p>Minnetonka 2020-2029</p> <p>Shorewood 2019-2028</p> <p>Minnetonka adopted their minor plan amendment.</p> <p>Chaska submitted a plan amendment for review. They are updating their H&amp;H to include Atlas 14 and some of their rate control regulations. The plan still defers to the district for administration of their regulatory program.</p>	
<b>MN Watersheds (formerly MAWD)</b>	Business and happenings of MN Watersheds	<p>Staff Forbes co-presented with Laura Jester of Bassett Creek on the Low Salt, No Salt MN program at the Annual Conference.</p> <p>Administrator Jeffery and Fred Rozumalski presented on the EHAP program at the Annual Conference.</p> <p>Staff hosted a booth to promote the Low Salt, No Salt program at the Annual Conference.</p>	

		Administrator Jeffery and Jan Voit of MN Watersheds finalize the statewide survey. This report has been provided to the member organization. The two are still working on the statewide education survey results.	
District-Wide	Description	Update	Partners
<b>Regulatory Program</b>	Review regulatory program to maximize efficiency. Engage Technical Advisory Committee and Citizen Advisory Committee on possible rule changes. Implement a regulatory program.	Staff Nicklay, Engineer Sobiech, and Administrator Jeffery met with representatives of Avienda to discuss using a regional approach to stormwater management for the remaining development. Staff Portoghesse has been developing a map of permitting data to appear on the website. The map will be added to the website by late 2024.	
<b>Aquatic Invasive Species (AIS)</b>	Review AIS monitoring program. Develop and implement Rapid Response Plan as appropriate. Coordinate with LGUs and keep stakeholders aware of AIS management activities. Manage and maintain the aeration system on Rice Marsh Lake. Riley Chain of Lakes Carp Management. Purgatory Chain of Lakes Carp Management. Review AIS inspection program. Keep abreast of technology and research in AIS. Zebra mussel adult and veliger monitoring.	Lakes sampled this year for carp were Lucy, Susan, Riley, Rice Marsh, Staring, and the Rec Area. Adult electrofishing surveys started at the end of July and went through October. These surveys have yielded low numbers of adults across the sampled lakes. A significant number of YOY (young of year) carp have been captured in Staring Lake and the Purg Creek Rec Area. The recruitment was a direct result of the winterkill.  The City of Eden Prairie was doing some maintenance on a stormwater pond and found pennywort ( <i>Hydrocotyle ranunculoides</i> ). Staff have already coordinated with the DNR and will monitor its status in 2024 for treatment. The following characteristics give it a competitive advantage: high growth rates; adaptability to changing nutrient conditions; effective vegetative propagation; plasticity in growth response; overwintering strategies that allow it to avoid low temperature stress; resistance to herbivory; resistance to chemical control; and absence of pests and diseases in the habitats where it is introduced (Source EDDMAPS).  On 10/25/2023 during an intensive zebra mussel survey, RPBCWD found a single lift in the northeast bay that had numerous fully desiccated zebra mussels on it. No other search areas on the shoreline and across the lake yielded any other mussels. The mussels were smaller in size (4-6 mm) and were in clusters in each corner of the lift. The DNR is following up with the landowner.	City of Chanhassen City of Eden Prairie University of Minnesota MN DNR Carver County

		The aeration unit was noticed in the Chanhassen Villager and a MNDNR permit was applied for operation during the 2023-2024 winter season on Rice Marsh Lake. It was also posted on the district website. Based on ice conditions the unit will likely be started Jan 1.	
<b>Cost-Share</b>	Schedule and coordinate site visits. Review applications and recommend implementation. Evaluate program.	The Stewardship Grant (WSG) program currently has 6 active projects with one new application tentatively approved. The application period for first-time applicants is paused until site visits can resume in spring. Potential applicants may still work with staff to review potential projects. Staff Forbes is compiling a program summary for the 2023 Annual Report.	Carver Soil & Water Conservation District
<b>Data Collection</b>	Continue Data Collection at permanent sites. Watershed Outlet Monitoring Program. Identify monitoring sites to assess future project sites. Water Level Sensors	Metropolitan Council (METC) - Watershed Outlet Monitoring Program (WOMP): Regular biweekly samples were collected this month, and no rain event sampling occurred this month. Staff have been summarizing and QC data for the annual report. Regular lake and stream water quality and quantity sampling occurred biweekly through the summer. Phytoplankton and Zooplankton samples have been collected once a month on Riley, Staring, Lotus, Susan, and Rice Marsh. Phytoplankton samples were submitted to Barr for processing and results have been received. District staff will process zooplankton samples. Staff have been working with City of Eden Prairie staff to coordinate 2023 alum application of round lake with Lotus Lake. Staff will collect the appropriate sediment cores for Round to calculate dosing rates. Hach auto units and ISCO units were installed this summer along the three western drainages of Lotus Lake and on upper Bluff Creek. The multiple rain events this month allowed staff to collect first flush samples. These units are installed for pre project monitoring to assess flow and nutrient loading. The units were pulled at the end of October and the data is currently being processed. Lake level sensors were pulled at the beginning of November and the data has been QC'd. Three River Park District will collect Hyland Lake levels moving forward. This data will be submitted to the DNR this month. The sensors were sent in for annual maintenance.	Metropolitan Council City of Eden Prairie University of MN City of Chanhassen MN DNR City of Minnetonka Three Rivers Park District

		<p>District Staff conducted creek walks on lower Bluff Creek (below Pioneer Trail), upper Riley (upstream of Hwy 5), and middle Riley (Susan to RML). Photos, videos, and assessments were completed to update the Creek Restoration Action Strategy.</p> <p>Staff Portoghese has been mapping all the score your shore data, most of which was collected this summer. This will likely be incorporated into the EHAP project as well as for outreach to lakeshore owners. Staff are also working with the DNR who also collected score your shore data on a subset of lakes within the district. This will be used to compare both data sets.</p>	
<b>District Hydrology &amp; Hydraulics Model</b>	<p>Coordinate maintenance of Hydrology and Hydraulics Model.</p> <p>Coordinate model update with LGUs if additional information is collected.</p> <p>Partner and implement with the City of Bloomington on Flood Evaluation and Water Quality Feasibility.</p>	<p>Flood risk assessment mapping for Eden Prairie was completed and the GIS database is being updated accordingly. Updated maps will be placed on the district website.</p> <p>Engineer Sobiech and Administrator Jeffery have begun discussing ways in which the model can be utilized for added benefit in project prioritization, issue identification, etc.</p>	<p>City of Bloomington</p> <p>City of Minnetonka</p> <p>City of Eden Prairie</p> <p>City of Deephaven</p> <p>City of Shorewood</p>
<b>Education &amp; Outreach</b>	<p>Implement Education &amp; Outreach Plan, review at year end.</p> <p>Manage partnership activities with other organizations.</p> <p>Coordinate Public Engagement with District projects.</p>	<p>Staff continue to update the district website as needed.</p> <p>Staff Bakkum continues to receive inquiries via the district website "Contact Us" form.</p> <p>Staff Forbes continues to upload open sessions of recorded board meetings to the <a href="#">RPBCWD YouTube channel</a>.</p> <p>Staff Forbes is updating the lake and creek fact sheets with 2023 data. The <a href="#">Water Quality Monitoring webpage</a> has been expanded to include data sources that staff contribute to or reference; a map of water quality data collection sites; and links to other organizations that monitor water quality.</p> <p>Staff Mahon met with staff at Nine Mile Creek Watershed District and the City of Eden Prairie to discuss developing a program that connects middle and high school science teachers with educational resources about various water resource topics.</p> <p>Staff Mahon, Forbes and Portoghese attended the Bluff Creek Elementary School STEM Fest, leading 50 students through hands-on activities with the District's interactive watershed sandbox and Enviroscape model.</p> <p>Staff Mahon hosted a community table at the November 11<sup>th</sup> Minnetonka Winter Farmers Market.</p>	<p>Adopt-a-drain partners: Cities of Eden Prairie, Minnetonka, Bloomington, and Eden Prairie; Hamline University; Nine Mile Creek Watershed District; MPCA; Bolton &amp; Menk</p> <p>Freshwater Society</p> <p>City of Chanhassen</p> <p>City of Minnetonka</p>

		<p>RPBCWD hosted an MPCA Smart Salting for Parking Lots &amp; Sidewalks training on November 1<sup>st</sup> at the District office for 31 maintenance professionals and other salt applicators.</p> <p>Staff Mahon and staff Dickhausen are working with GreenCorps member Whittington to reach out to district educators and schedule classroom visits over the winter as part of her GreenCorps workplan.</p> <p>Administrator Jeffery met with the Mitchell Lake Association on December 11, 2023. Outcomes from this meeting were not available as of writing the report.</p>	
<b>Groundwater Conservation</b>	<p>Work with other LGUs to monitor, assess, and identify gaps.</p> <p>Engage with the Technical Advisory Committee to identify potential projects.</p> <p>Develop a water conservation program (look at Woodbury model).</p>	<p>Engineer Sobiech has provided a scope for installation of monitoring wells to re-establish the district's monitoring program. A task order will be brought to the Board of Managers for consideration at the January meeting. This will be part of the larger data collection program.</p> <p>Staff Hartmann is researching pressure transducers to evaluate the most effective data collection method. Staff Hartmann and Administrator Jeffery will be meeting with staff from the CCWMO in January to learn about their monitoring program.</p>	<p>Metropolitan Council</p> <p>City of Eden Prairie</p> <p>City of Shorewood</p> <p>City of Bloomington</p> <p>City of Minnetonka</p> <p>City of Chanhassen</p>
<b>Lake Vegetation Management</b>	<p>Work with the University of Minnesota or Aquatic Plant Biologist, Cities of Chanhassen and Eden Prairie, lake associations, and residents as well as the Minnesota Department of Natural Resources on potential treatments.</p> <p>Implement herbicide treatment as needed.</p> <p>Secure DNR permits and contracts with herbicide applicators.</p> <p>Schedule regularly scheduled point intercept surveys.</p> <p>Work with Three Rivers Park District for Hyland Lake.</p>	<p>Maija Weaver (Graduate Student) and Ray Newman, University of Minnesota – Fall curlyleaf pondweed turion sampling was completed last week. Lake Susan had an average of 20.9 turions/m<sup>2</sup>. No turions were found in October of 2022 in Lake Staring, but this year there were 3.1 turions/m<sup>2</sup>. Lake Riley had 23.6 turions/m<sup>2</sup>. The collected turions are now being tested for viability in a growth chamber.</p> <p>Native plant communities improved and invasives were contained in all three lakes this year. For the entire year, Lake Riley had 9 total native species, Staring had 12 native species, and Susan had 12 native species. In Staring Lake, sago pondweed and white water lily were both found at the highest frequencies since monitoring started in 2011, at 13% and 12% respectively. In Lake Riley, Chara, long-leaf pondweed, and water stargrass were found at their highest frequencies since monitoring, at 24%, 10%, and 30% respectively. In Lake Susan, small pondweed was found at the</p>	<p>City of Eden Prairie</p> <p>City of Chanhassen</p> <p>University of Minnesota</p> <p>MN DNR</p>

		<p>highest frequency since monitoring started at 8% and long-leaf pondweed was found for the first time since 2019. Data are being summarized and analyzed in preparation for the annual report and the annual watershed summit.</p> <p>Staff conducted a curlyleaf turion survey on Mitchell Lake which yielded low turion numbers. In total, 17 turions/m<sup>2</sup> were found which is low. This low number indicates treatments have been effective. Viability testing was just completed which identified 44% of turions were viable.</p> <p>Preliminary curlyleaf pondweed Flumioxazin treatment results indicate the herbicide was extremely effective at controlling clp while having less or similar impacts as other available herbicides. This was a joint study between RPBCWD, MNDNR, and the U of MN. The herbicide has had very little use in MN and is one of the cheaper herbicides in use. The district will likely expand its use in 2024.</p> <p>District staff applied for MN DNR AIS Control Grants for Lotus, Riley, Susan, Red Rock, and Mitchell.</p>	
<b>Opportunity Projects</b>	Assess potential projects as they are presented to the District	Administrator Jeffery and staff from the City of Minnetonka, with the help of the BWSR Board Conservationist were able to access 2022-2023 WBIF funding so that a section of Purgatory Creek within Purgatory Park could be stabilized. Minnetonka will administer the grant through the BWSR eLink tool	City of Chanhassen St Hubert School Eden Prairie Public Schools City of Eden Prairie
<b>Total Maximum Daily Load (TMDL)</b>	Continue working with the Minnesota Pollution Control Agency on the Watershed Restoration and Protection Strategies (WRAPS).	The new NPDES General Construction Stormwater Permit was issued in August. It will have minimal bearing on the District.	MPCA
<b>Repair &amp; Maintenance Fund</b>	Develop and formalize grant program. Maintenance of RPBCWD BMPs	No updates.	City of Eden Prairie
<b>University of Minnesota</b>	Review and monitor progress on University of Minnesota grant. Support Dr. John Gulliver and Dr. Ray	No updates.	Stormwater ponds partners: Cities of Bloomington,

	<p>Newman research and coordinate with local partners.</p> <p>Keep the manager abreast to progress in the research.</p> <p>Identify next management steps.</p>		<p>Chanhassen, Eden Prairie, Minnetonka, Shorewood; U of MN</p>
<b>Watershed Plan</b>	<p>Review and identify needs for amendments.</p>	<p>Administrator Jeffery, Engineer Sobiech, Staff Forbes, and Fred Rozumalski (Barr) are meeting bi-weekly to develop the Ecological Health Action Plan (EHAP).</p> <p>The fourth meeting of the Technical Advisory Panel (TAP) will occur in late December and January.</p>	
<b>Wetland Conservation Act (WCA)</b>	<p>Administer WCA within the Cities of Shorewood and Deephaven.</p> <p>Represent the District on Technical Evaluation Panel throughout the District.</p>	<p>Administrator Jeffery and Staff Dickhausen are working with Chanhassen, DNR, Carver SWCD, and BWSR to address a wetland violation on Lake Lucy Lane in Chanhassen. A restoration order has been issued by the DNR and the landowner has retained the services of a professional wetland delineator and an environmental services company to design a restoration plan . The TEP has been in communication with the environmental service contractors to review and comment on restoration plans. On November 3, Staff Dickhausen and Staff Nicklay attended a TEP meeting at Chanhassen City Hall to discuss the restoration plan with the applicant and their wetland professional and engineer hired to help carry out restoration. The TEP answered questions about their letter sent to the applicant, which contained requirements for the restoration plan to be created. They discussed the need for the applicant to procure the District permit needed to complete the work as well. Requirements for the District permit, as well as deadlines to submit application and materials for board review were also discussed during the meeting. The TEP agreed to extend the restoration deadline to May 1, 2024. The updated restoration order was sent out by Carver County on November 14. A Findings of Fact from the meeting and the plan moving forward as determined by the TEP was sent out on November 16. On November 22, the applicant’s engineer sent the City the initial restoration plan designs, which were shared with the TEP on the 29.</p>	<p>City of Shorewood City of Deephaven City of Chanhassen City of Eden Prairie MCWD BWSR MN DNR A COE</p>
<b>Wetland Management</b>	<p>Assess known existing wetlands, identify previously unknown wetlands, identify</p>	<p>Staff Dickhausen is done with this season’s wetland assessments. He carried out QA/QC assessments in the southeast part of Eden Prairie and</p>	<p>City of Chanhassen City of Eden Prairie</p>



	wetlands for potential restoration/rehabilitation and wetlands requiring additional protection.	Bloomington. He will continue QA/QC work next season, as well as update vegetation assessments with FQA in parts of Chanhassen where these types of assessments were not previously conducted. Administrator Jeffery and Staff Dickhausen continue updating the MNRAM Access database. Numerous requests for MNRAM scores continue to be made by municipalities and private developers. Any changes in District management classifications for the wetlands (based on QA/QC work and updates due to applications and delineation work done within the District) will be reflected in the upcoming 2023 Annual report.	Hennepin County Carver County MN DNR BWSR USFWS
<b>Hennepin County Chloride Initiative</b>	Phase 1: Develop a plan to target commercial and association-based sources or chloride pollution – businesses, malls, HOAs, property management companies and the private applicators that they hire. We will hire a consultant to facilitate focus groups with private applicators, as well as those that execute contracts with private applicators. These focus groups will help identify needs and barriers for our target audience. The consultant will compile information into a plan for implementation.	The HCCI team continues to keep in touch about training opportunities for others about the Low Salt, No Salt Minnesota (LSNS) toolbox, which targeted at city and watershed partners to use in their chloride reduction efforts. RPBCWD is hosting content for the “Low Salt, No Salt Minnesota” initiative on its website ( <a href="http://www.rpbcwd.org/lowsaltnosalt">www.rpbcwd.org/lowsaltnosalt</a> ) along with three video shorts on our YouTube channel. Staff Forbes and Jessica Wilson (City of Edina) gave a presentation on the Low Salt, No Salt program at the Minnesota Water Resources Conference on Oct 17th. Staff Forbes and Laura Jester (Basset Creek) will give a presentation on the Low Salt, No Salt program at the Minnesota Watersheds (formerly MAWD) conference on Nov 29th.	Eleven watershed districts/WMOs Multiple cities MPCA Hennepin County Environmental Services Board of Water and Soil Resources
<b>Bluff Creek Watershed</b>	<b>Description</b>	<b>Update</b>	<b>Partners</b>
<b>Bluff Creek Tributary Restoration</b>	Implement and finalize restoration. Monitor Project.	Annual maintenance of vegetation establish continues. CRAS scores significantly improved from pre to post restoration signaling the restoration is successful (Previous Tier 1 Score = 22; Post Tier 1 Score = 10).	City of Chanhassen
<b>Bluff Creek Reaches B5 and B6</b>	Develop Feasibility Study regarding potential creek and wetland restoration.	Administrator Jeffery and engineer Sobiech met with the City of Chanhassen to discuss the term sheet for the cooperative agreement. This will be brought to the board for approval at a later meeting. Administrator Jeffery is asking the Board of Managers to order this project at tonight’s meeting.	
<b>Wetland Restoration at</b>	Remove 3 properties from flood zone, restore a minimum 7 acres and as	No updates	City of Chanhassen MN DNR

<b>Pioneer Tr and MN TH 101</b>	many as 16 acres of wetlands, connect public with resources, reduction of volume, rate, pollution loads to Bluff Creek.		Carver County
<b>Riley Creek Watershed</b>	<b>Description</b>	<b>Update</b>	<b>Partners</b>
<b>Lake Riley Alum Treatment</b>	Continue monitoring of Lake.	Lake Riley water quality remains excellent following the completed alum treatment. Staff will start the process of delisting the Lake as it meets all the nutrient criteria.	
<b>Lake Susan Park Pond</b>	Complete final site stabilization and spring start up. Finalize and implement E & O for project. Monitor project.	Peterson Construction has provided three copies of the signed agreement to be executed by the district. Engineer Sobiech is working with WaterTronics on the SCADA system licensure and installation.	City of Chanhassen Clean Water Legacy Amendment
<b>Lake Susan Spent Lime</b>	2022 startup and monitoring	District and Barr staff collected wetland sediment cores and additional sediment from the cattail areas around the wetland to the southwest of Lake Susan (spent lime unit treats). This is to confirm that the wetland is a nutrient loader and give us some data to start to discuss viable solutions to treat the wetlands runoff before it gets to Lake Susan. Samples were submitted to the University of Wisconsin-Stout for processing. Early results indicate the sediment release rates are extremely high.  The spent lime unit was turned on in May and the material was “fluffed.” The unit will operate M,W,F 8am to 5pm. Weekly samples were collected up until June when the pond levels eliminated flow through the unit.	City of Chanhassen
<b>Lower Riley Creek Stabilization</b>	Coordinate agreement and acquire easements if needed for the restoration of Lower Riley Creek reach D3 and E. Implement Project. Continue Public Engagement for project and develop signage for restoration.	A final inspection occurred in the lower valley and the project is closed out. CRAS scores significantly improved from pre to post restoration signaling the restoration is successful (Previous Tier 1 Score = 26; Post Tier 1 Score = 14).	City of Eden Prairie Lower MN River Watershed District
<b>Rice Marsh Lake Alum Treatment</b>	Continue monitoring of Lake. Prepare for second dose.	Water quality continues to be excellent following the first dose of alum. Depending upon budgeting considerations, 2024 is the projected 2 <sup>nd</sup> dose. Likely the lake could be delisted for nutrients in 2024.	City of Eden Prairie City of Chanhassen

<b>Rice Marsh Lake Watershed Load Project 1</b>	Install proprietary BMPs. Install soil corrections and plant areas in native vegetation for long-term study of impact on soil health and runoff parameters. Install curb-cut rain garden.	The 2024 maintenance schedule was provided. Staff have collected multiple base flow and storm event samples since the unit was installed to assess pollutant removals.	City of Chanhasen
<b>Upper Riley Creek</b>	Work with city to develop scope of work (in addition to stabilizing the creek can we mitigate climate change). Conduct feasibility. Develop cooperative agreement with the City of Chanhasen. Order project and begin design.	The cooperative agreement is currently being drafted by Smith Partners and will be presented to the City for discussion soon. Design continues. No updates. An open house for the Upper Riley Ecological Enhancement Project was held on the afternoon of October 23rd at the RPBCWD office. Representatives included Administrator Jeffery, Engineer Sobiech, Staff Forbes, Shanna Braun (Barr), and Joe Seidl (Chanhasen). About 15 individuals attended. Exhibits from the open house have been uploaded to the <a href="#">project webpage</a> .	City of Chanhasen
<b>Middle Riley Creek</b>	Work with Bearpath HOA/Golf Course to develop scope of work (in addition to stabilizing the creek, can we mitigate climate change and provide for an improved recreational experience). Draft feasibility report. Develop cooperative agreement with Bearpath.		Bearpath Neighborhood Association City of Eden Prairie MN DNR
<b>St Hubert Water Quality Project</b>	Repair eroded ravine tributary to RML. Install BMPs to provide water quality and quantity benefits for site. Develop curriculum to be used with teachers and students at St. Hubert. Establish native vegetation and monitor soil development, water quality/quantity benefits, and ecological changes.	The project is substantially complete. Staff Mahon is developing curriculum to go along with project sites. Staff will be working closely with the middle school science teacher to ensure curriculum standards are met. Administrator Jeffery and Staff Hartmann met on site with a representative of Minger Construction and St Hubert Elementary School to walk the site. There are three trees that will need to be replaced and general plant maintenance is required in the prairie restoration area, tree trench, rain garden, and adjacent to the soccer fields. The St Hubert representative reminded Administrator Jeffery that signage was to be developed. E&O staff will work on that.	CCSWCD Metropolitan Council City of Chanhasen
<b>Purgatory Creek Watershed</b>	<b>Description</b>	<b>Update</b>	<b>Partners</b>
<b>PCRA Berm</b>		No changes	City of Eden Prairie

			MN DNR
<b>Lotus Lake Internal Load Control</b>	Continue monitoring the Lake. Plan second alum application.	Barr has begun looking at release rates and dosing recommendations. Treatment will likely occur in the fall of 2024.	
<b>Silver Lake Restoration</b>	Order project. Design Project. Work with the City of Chanhassen for design, cooperative agreement, and implementation.	Prairie Restoration has performed vegetative maintenance including treatment of garlic mustard on the site but outside of the grading area to prevent it from migrating further.	City of Chanhassen
<b>Lotus Lake Watershed Water Quality Improvement Project</b>	Feasibility Study/Preliminary Engineering Report  Issue Identification  Partnership Opportunities and CIP Alignment	Barr, City Staff, and Administrator Jeffery continue working on finalizing the feasibility report.	City of Chanhassen

**Professional Development**

**Staff Forbes attended a Public Participation/Civic Engagement Networking and Co-Learning Workshop on Nov. 14.**

**Staff Maxwell gave an hour presentation to the Natural Resources/Watershed Management class at the University of Minnesota on “The Importance of Data Collection.”**

**All staff attended the MN Watersheds Annual Conference and Trade Show at the end of November and attended various workshops.**