

RPBCWD Staff Report – August 2023

Administration	Description	Update	Partners
Accounting, Audit & Budget	Coordinate with Accountants for the development of financial reports. Coordinate with the Auditor. Continue to work with the Treasurer to maximize on fund investments.	Staff Bakkum compiled the monthly treasurer’s report Administrator Jeffery, Staff Bakkum, and Engineer Sobiech have prepared a draft budget to be adopted at the 9/13/23 meeting. Administrator Jeffery has requested NorthRisk Partners to meet with the Personnel Committee in October to review benefits for 2024.	
Administration	Administrator activities	Staff Dickhausen was notified by the MPCA that the district will again be a host site for a GreenCorps member in 2024. Lech has finished installation of the interactive technology at the District offices. Staff will run some mock meetings to assure the setup will meet our needs and goals. The board tables are scheduled to be installed on October 3. Administrator Jeffery met with Metro Sales to discuss downsizing our printer/scanner. A quote was provided that will save about \$130 per month. Administrator Jeffery has provided the information to LMCIT as it pertains to worker’s compensation coverage as well as property and casualty coverage. The League of MN Cities is conducting a salary survey. Administrator Jeffery provided compensation information to the League. Results will be available later this year.	
Annual Report & Communication	Compile, finalize and submit an annual report to agencies.	No updates.	
DEI	Diversity, Equity, and Inclusion	Staff Mahon attended the August meeting of the Watershed Diversity, Equity, Inclusion and Access (DEIA) Workgroup to finalize an abstract submission to host a session at MAWD.	
Human Resources	General Human Resources	NorthRisk Partners will meet with the Personnel Committee in October to discuss 2024 benefits and changes thereof.	

Internal Policies	Work with Governance Manual and Personnel Committees to review bylaws and manuals as necessary.	The Governance Committee (GC) has finished their review of the Governance Manual and will bring the revised document to the full Board of Managers in October or November for discussion at a workshop followed by subsequent adoption at a later regular meeting. The Audit and Finance Committee continues reviewing alternate treasurer report formats.															
Advisory	Engage with the Technical Advisory Committee on water conservation, chloride management and emerging topics. Engage with the Citizen Advisory Committee on water conservation, annual budget, and emerging topics.	The CAC held a regular meeting on Aug 21. Alaina Portoghese gave a presentation about her time as the RPBCWD GreenCorps member. Minutes will be provided as part of the board packet. The next regular meeting of the CAC will be Sept 18.															
Local SWMP	Review of member cities local surface water management plan.	<table border="0"> <tr><td>Bloomington</td><td>2018-2027</td></tr> <tr><td>Chanhassen</td><td>2016-2025</td></tr> <tr><td>Chaska</td><td>2015-2024</td></tr> <tr><td>Deephaven</td><td>2015-2024</td></tr> <tr><td>Eden Prairie</td><td>2021-2030</td></tr> <tr><td>Minnetonka</td><td>2020-2029</td></tr> <tr><td>Shorewood</td><td>2019-2028</td></tr> </table> <p>Minnetonka is making a minor plan amendment to incorporate their latest H&H model update into their local surface water management plan. Administrator Jeffery has reviewed the changes and provided comment to Minnetonka. The proposed changes are consistent with the District plan.</p>	Bloomington	2018-2027	Chanhassen	2016-2025	Chaska	2015-2024	Deephaven	2015-2024	Eden Prairie	2021-2030	Minnetonka	2020-2029	Shorewood	2019-2028	
Bloomington	2018-2027																
Chanhassen	2016-2025																
Chaska	2015-2024																
Deephaven	2015-2024																
Eden Prairie	2021-2030																
Minnetonka	2020-2029																
Shorewood	2019-2028																
MN Watersheds (formerly MAWD)	Business and happenings of MN Watersheds	MAWD has officially changed their name to MN Watersheds and launched their new website including a members only section. Staff Forbes will be presenting with Laura Jester of Bassett Creek on the Hennepin County Chloride Initiative at the Annual Conference. Administrator Jeffery and Fred Rozumalski will be presenting on the EHAP program at the Annual Conference. Administrator Jeffery is working with Jan Voit of MN Watersheds to synthesize and present the data collected in the statewide survey as well as the education survey. This information will be presented to MAWA and MN Watersheds at their respective end of year meetings.															
District-Wide	Description	Update	Partners														

<p>Regulatory Program</p>	<p>Review regulatory program to maximize efficiency. Engage Technical Advisory Committee and Citizen Advisory Committee on possible rule changes. Implement a regulatory program.</p>		
<p>Aquatic Invasive Species (AIS)</p>	<p>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.</p>	<p>Staff received a MNDNR 2023 fisheries permit for assessing common carp populations in the Riley and Purgatory Chain of Lakes and for removals in the Purgatory Creek Recreational Area. Lakes being sampled this year are Lucy, Susan, Riley, Rice Marsh, Staring, and the Rec Area. Following the one rain event in early August, staff were able to remove 66 carp at the berm site. Adult electrofishing surveys started at the end of July and have yielded low numbers of adults across the sampled lakes. No YOY (young of year) carp have been captured so far this year, but Staring Lake and the Purg Creek Rec Area likely had a recruitment event based on early electrofishing surveys. Small mesh trap netting in early September will let us know how significant the recruitment event. This is likely due to the winterkill that occurred in Staring.</p> <p>Four zebra mussels were found in Lake Ann by district staff who have been conducting an intensive survey on the lake each year since a single mussel was found on a swimming buoy in 2020. District, DNR, and Carver County carried out a snorkeling and diving survey and found an additional 5 mussels in the same location. A copper sulfate treatment occurred in coordination with the city of Chanhassen to potentially eliminate mussels from the lake. Staff will continue to monitor the lake to gauge the success of the treatment. The lake is now listed for zebra mussels.</p> <p>Eden Prairie consultant Steve Mccomas discovered brittle naiad on Mitchell Lake during a regular point intercept survey. Staff went out with Eden Prairie Water Resources Coordinator Lori Haak to conduct a roving survey and pull plants; however, the population was well established in the Northeast bay. Most plants were found scattered in about 1.5 feet of water with more dense populations found in disturbed areas (center channel and areas cleared by docks). It was estimated that the introduction event</p>	<p>City of Chanhassen City of Eden Prairie University of Minnesota MN DNR Carver County</p>

		<p>was from 2-4 years ago based on plant robustness and density. Other areas of the lake may have more plants, but conditions were very poor in the main basin (windy). An additional survey may be added this fall when lily pads are reduced to assess distribution in the main basin. The DNR and district discussed treatment, but the bay area has the highest density of native plants and is considered a nursery for the lake.</p> <p>A boat exiting Lotus Lake was stopped by an inspector with a single adult zebra mussel attached. Carver County investigated the situation further and determined the boat has likely only been on Lotus Lake. This would be the first live mussel found on the lake since its listing in 2018 (veligers and eDNA have been found). The location of the boat lift will be added to the district's fall zebra mussel intensive survey. District staff have been notified two other times of inspectors stopping boats from launching into Lake Riley with zebra mussels attached this year.</p>	
Cost-Share	<p>Schedule and coordinate site visits. Review applications and recommend implementation. Evaluate program.</p>	<p>The Watershed Stewardship Grant (WSG) program currently has 8 active grant projects with 2 new application pending. Five projects were recently closed out. Site visit requests continue with Seth Ristow from Carver SWCD scheduling visits; 20 site visits have occurred since the start of the grant season. Staff Forbes continues responding to inquiries from potential grantees, follow up with in-progress projects, and confer with city grant program coordinators. Follow up visits with past grantees have begun.</p>	<p>Carver Soil & Water Conservation District</p>
Data Collection	<p>Continue Data Collection at permanent sites. Watershed Outlet Monitoring Program. Identify monitoring sites to assess future project sites. Water Level Sensors</p>	<p>Metropolitan Council (METC) - Watershed Outlet Monitoring Program (WOMP): Regular biweekly samples were collected this month and no rain event sampling occurred this month. Regular lake and stream water quality and quantity sampling has occurred biweekly through the summer. Many stream sites are dry and have been for most of August.</p> <p>Phytoplankton and Zooplankton samples have been collected once a month on Riley, Staring, Lotus, Susan, and Rice Marsh.</p> <p>Staff received the Hach auto sampling and jobsite boxes This month. The units were installed, all along the three western drainages of</p>	<p>Metropolitan Council City of Eden Prairie University of MN City of Chanhassen MN DNR City of Minnetonka Three Rivers Park District</p>

		<p>Lotus Lake. One unit has not been installed yet. Lack of rain has caused no first flush sample collection to occur.</p> <p>The currently deployed auto units have sampled a few times this month. Sites include Bluff Creek Hwy5, LL3 and LL7 Lotus Lake western tributaries. These units are installed for pre project monitoring to assess flow and nutrient loading.</p> <p>Lake level sensors have been working well. Three River Park District will collect Hyland Lake levels moving forward. Units have been/will be checked, downloaded, and desiccant changed once a month. A McCoy unit was added at the beginning of July.</p> <p>Staff Maxwell presented potential data collection volunteer opportunities to the University of MN environmental ethics class as part of their service-learning program. If selected, students will complete 20 hours of volunteering for the district and complete a presentation on a topic within the district that has ethical implications.</p> <p>5A small summer fish kill occurred on Lake Riley this month. Mainly bass, bluegill, and crappie. Cause unknown. This event was reported to the MNDNR.</p>	
District Hydrology & Hydraulics Model	<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>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>
Education & Outreach	<p>Implement Education & 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 RPBCWD YouTube channel.</p> <p>Staff Mahon and staff at NMCWD hosted a Project WET Workshop for Educators on August 1st.</p> <p>Staff is continuing to plan for the 2023 Cycle the Creek event, which will be hosted on October 7th.</p>	<p>Adopt-a-drain partners: Cities of Eden Prairie, Minnetonka, Bloomington, and Eden Prairie; Hamline University; Nine Mile Creek Watershed District; MPCA;</p>

		<p>Staff Mahon and Greencorp Member Portoghese are planning a Build Your Own Rainbarrel event using retired oak wine barrels, to be held on October 3rd.</p> <p>Administrator Jeffery will be presenting to a group of realtors. Staff Forbes is coordinating with the City of Eden Prairie to co-host a Buckthorn Workshop for residents on Sept 14 at Staring Lake Park. More info available at https://rpbcwd.org/buckthorn</p> <p><u>Staff Mahon is collaborating with NMCWD and the City of Minnetonka to host a workshop series on soil health. The first part of the series will be a Building Healthy Soils workshop on September 28th. The second part of the series will be a Urban Soils: Challenges and Opportunities Walkshop on October 7th.</u></p>	<p>Bolton & Menk Freshwater Society City of Chanhassen City of Minnetonka</p>
Groundwater Conservation	<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>Administrator Jeffery and Engineer Sobiech met with Evan Christensen to discuss development of a groundwater plan. The crux of the conversation surrounded ways to study the groundwater/surface water interaction and the impact on base flows in streams, lake levels, and bounce within wetlands. The district previously maintained a number of wells for observation of water levels. This program could be re-initiated and augmented to observe not only water levels but flow direction of near surface groundwater. This information could help in determining areas where infiltration should be promoted or discouraged, as well as areas of significant importance for protection. This information would also dovetail nicely with the wetland assessment program and the EHAP initiative. There have been no updates to report.</p>	<p>Metropolitan Council City of Eden Prairie City of Shorewood City of Bloomington City of Minnetonka City of Chanhassen</p>
Lake Vegetation Management	<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 NaturalResources on potential treatments.</p> <p>Implement herbicide treatment as needed.</p>	<p>Maija Weaver, Graduate Student, with input from Ray Newman, University of Minnesota – On the week of July 24, Maija Weaver, Ray Newman, and Katie Hembre attended the Aquatic Plant Management Society (APMS) meeting in Indianapolis. Maija Weaver presented a poster on the aquatic macrophyte community in Staring Lake and the positive effects of carp removal and herbicidal treatments. Katie Hembre had a poster describing the effects of Alum treatments on water quality and the macrophyte</p>	<p>City of Eden Prairie City of Chanhassen University of Minnesota MN DNR</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>community in various lakes including Lake Riley. Ray Newman presented on the herbicidal response of 6 genotypes of Minnesota waternilfoils. Overall, the conference was informative and our posters and presentations were well received. No point-intercept surveys were conducted in July, as per previous years. Biomass samples from June have been processed and data entry for spring and summer is complete. Going into mid-August, the final point-intercept surveys for Lake Riley, Lake Susan, and Staring Lake will be conducted. Once these data are processed and evaluated, it will be added to the yearly report and presented at the Riley Summit in early 2024.</p> <p>A traditional \$3,000 AIS control grant was awarded by the MNDNR for Lake Riley aquatic vegetation treatment. Administrator Jeffery is participating as a TAP member for a MnDOT Research project, being done jointly with the U of M to evaluate wet pond modeling for contaminant retention and maintenance.</p>	
Opportunity Projects	Assess potential projects as they are presented to the District	Administrator Jeffery is working with Minnetonka on a project to stabilize a section of Purgatory Creek within Purgatory Park. Funding from the project will come from the WBIF, the City of Minnetonka, and RPBCWD. This project has been delayed to 2024. Staff Portoghese will work with the new GreenCorps member to collect MPD infiltrometer data at several locations in the downtown Chanhassen area as they look to develop a regional stormwater management plan for their downtown.	<p>City of Chanhassen</p> <p>St Hubert School</p> <p>Eden Prairie Public Schools</p> <p>City of Eden Prairie</p>
Total Maximum Daily Load (TMDL)	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
Repair & Maintenance Fund	Develop and formalize grant program. Maintenance of RPBCWD BMPs	No updates.	City of Eden Prairie
University of Minnesota	Review and monitor progress on University of Minnesota grant. Support Dr. John Gulliver and Dr. Ray Newman research and coordinate with	No updates.	Stormwater ponds partners: Cities of Bloomington, Chanhassen, Eden

	<p>local partners. Keep the manager abreast to progress in the research. Identify next management steps.</p>		<p>Prairie, Minnetonka, Shorewood; U of MN</p>
Watershed Plan	<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). The fourth meeting of the Technical Advisory Panel (TAP) for the EHAP will be held in October and the larger TAP will be divided into three cohorts to promote a more robust and role specific conversation..</p>	
Wetland Conservation Act (WCA)	<p>Administer WCA within the Cities of Shorewood and Deephaven. Represent the District on Technical Evaluation Panel throughout the District.</p>	<p>Staff Dickhausen attended a TEP meeting hosted by the city of Minnetonka on August 21 to review a wetland delineation at 4625 CR 101. Staff Dickhausen and the City agreed that the delineated boundaries represented the current wetland boundaries. The City approved the application/delineation and just asked that the delineator notate a channel/drainage ditch and stormwater pond located on the property that are within the wetland boundaries.</p> <p>Staff Dickhausen Also met with the City of Eden Prairie to review a “no wetland” determination on a site off West 168th Ave. on August 23. The City was not considering this to be a formal TEP meeting, but asked if anyone wanted to see the site just to confirm their thoughts on the lack of any wetland characteristics on site. Staff Dickhausen agreed with the delineator and the City as there were not enough indicators for the site to have wetlands.</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 8/10/2023, the TEP meet onsite to review elevations and aspects of the proposed restoration plan. There was concern on the part of the TEP that</p>	<p>City of Shorewood City of Deephaven City of Chanhassen City of Eden Prairie MCWD BWSR MN DNR A COE</p>

		<p>elevations of the proposed inlet into the wetland outleting from the channel in forested area). The Proposed elevation of the channel restoration seemed to be too close to what the dredged/excavated channel currently is. Several times while meeting onsite, members of the TEP saw clear signs of the original elevation of the channel prior to excavation. The TEP decided the following: The TEP did not agree with the wetland outlet elevation being at 977.0 feet. They agreed they would approve an elevation of 978 ft. The TEP would be willing to allow a few wells to be installed to provide additional details on where the wetland elevation should be. This information could be used to justify a change in the wetland outlet. Or, hire an engineer to complete a more detailed hydrology analysis. The TEP also did not agree with leaving Ditch D1 and that part of Ditch D2 below the 978 ft contour to naturally sluff in. The Area needs to be restored with spoils that were spread along the sides of the excavated areas. The TEP also does not agree with placing haybales through out the excavated area of ditch D2 as fill to decompose. This area needs to be restored with the spoils that were spread along the sides of the excavated areas. The area needs to be fully restored and both ditches filled back in. The TEP also asked the applicant to work with RPBCWD and City concurrently with WCA permitting so that they could be on the same page with all involved organizations moving forward. The Chanhassen TEP also met on August 17. They discussed the site visit and the subsequent letter to be sent out to the Lake Lucy Lane applicant, which included items discussed above, as well as reminders to deadlines. On 8/18/2023 the city sent out the letter. The City received a letter from the wetland specialist working with the applicant, asking for clarification on some of the items included in the letter, on 8/21/2023. The City responded to the questions.</p>	
Wetland Management	Assess known existing wetlands, identify previously unknown wetlands, identify wetlands for potential	Staff Dickhausen has started assessing wetlands. He is carrying out QA/QC assessments in the southeast part of Eden Prairie and Bloomington. He will also be completing Floristic Quality Assessments (FOA) in	City of Chanhassen City of Eden Prairie Hennepin County

	restoration/ rehabilitation and wetlands requiring additional protection.	areas of Chanhassen later this season. This area was assessed using only MnRAM assessments, prior to the District adopting the use of FQA for assessing plant communities. 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.	Carver County MN DNR BWSR USFWS
Hennepin County Chloride Initiative	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 develop the Low Salt, No Salt Minnesota (LSNS) toolbox targeted at city and watershed partners to use in their chloride reduction efforts. Piloting of the program materials continues to inform adjustments to draft materials. RPBCWD is hosting content for the “Low Salt, No Salt Minnesota” initiative on its website (www.rpbcwd.org/lowsaltnosalt) along with three video shorts on our YouTube channel. Staff Forbes and Jessica Wilson (City of Edina) will give a presentation on the Low Salt, No Salt program at the Minnesota Water Resources Conference in Oct 2023. 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 in Nov 2023.	Eleven watershed districts/WMOs Multiple cities MPCA Hennepin County Environmental Services Board of Water and Soil Resources
Bluff Creek Watershed	Description	Update	Partners
Bluff Creek Tributary Restoration	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
Bluff Creek Reaches B5 and B6	Develop Feasibility Study regarding potential creek and wetland restoration.	Barr continues to develop plans for the project. Staff from Barr, the City of Chanhassen, and Administrator Jeffery walked the corridor on June 1 st to identify significant trees to be avoided, potential access points and routes, and other pertinent information. This project is programmed to go out for bids at the end of 2023 for 2024 construction. Barr completed 90% design plans for the crossing under Galpin Rd. This was presented at the March meeting. The plans have been provided to the city and they are engaging both Carver County and MNDOT to see if there are other funding options. Additional	

		funding opportunities were not identified so the project is being tabled for the time being.	
Wetland Restoration at Pioneer Tr and MN TH 101	Remove 3 properties from flood zone, restore a minimum 7 acres and as many as 16 acres of wetlands, connect public with resources, reduction of volume, rate, pollution loads to Bluff Creek.	Staff from Barr met with the restoration contractor to discuss 2023 maintenance activities and schedule. Engineer Sobiech and Administrator Jeffery met with Greg and Tammy Falconer who own the property east of the restoration site. They had a request for us to remove the barbed wire fence along their western (our eastern) property line. They also had questions about drainage. The survey data showed the fence to be on their property. Engineer Sobiech has reached out to Sunram to request a quote for removing the fence. A right-of-entry agreement would be needed with the Falconers were the district to remove this fence. Staff Dickhausen conducted a 50 ft grid survey on site to collect updated elevations across the wetland/project area.	City of Chanhassen MN DNR Carver County
Riley Creek Watershed	Description	Update	Partners
Lake Riley Alum Treatment	Continue monitoring of Lake.	Lake Riley water quality remains excellent following the completed alum treatment.	
Lake Susan Park Pond	Complete final site stabilization and spring start up. Finalize and implement E & O for project. Monitor project.	Administrator Jeffery and Engineer Sobiech discussed adding this as a bid item to the Upper Riley project.	City of Chanhassen Clean Water Legacy Amendment
Lake Susan Spent Lime	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

Lower Riley Creek Stabilization	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
Rice Marsh Lake Alum Treatment	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 nd dose.	City of Eden Prairie City of Chanhassen
Rice Marsh Lake Watershed Load Project 1	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.	Administrator Jeffery, Heather Lau, PE, and Engineer Sobiech met on site with staff from Chanhassen Public Works to discuss long-term maintenance of the Kraken MTD system installed in 2022 and put on-line in 2023. The raingarden was working well with no obvious signs of erosion or standing water. The pretreatment chambers were inspected and will be vacuumed out this fall. There was a small amount of sediment within them. The cartridges looked clean. Staff have collected multiple base flow and storm event samples since the unit was installed to assess pollutant removals.	City of Chanhassen
Upper Riley Creek	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 Chanhassen. 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 Upper Riley Ecological Enhancement Project open house for adjacent property owners is planned for October 12th at the RPBCWD office.	City of Chanhassen
Middle Riley Creek	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.	Legal counsel for RPBCWD and Bear Path have been working through the specifics of what needs to be recorded and on what parcels. The easements are with the title company for recording.	Bearpath Neighborhood Association City of Eden Prairie MN DNR
St Hubert Water Quality Project	Repair eroded ravine tributary to RML. Install BMPs to provide water quality and quantity benefits for site.	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	CCSWCD Metropolitan

	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.	teacher to ensure curriculum standards are met. Davey will be onsite at the beginning of June to perform maintenance and replace three trees.	Council City of Chanhassen
Purgatory Creek Watershed	Description	Update	Partners
PCRA Berm		Legal counsel has advised that this project may not meet the statutory criteria for a maintenance project and a plan amendment may be necessary to implement the project.	City of Eden Prairie MN DNR
Lotus Lake Internal Load Control	Continue monitoring the Lake. Plan second alum application.	Barr will begin looking at release rates and dosing recommendations. Treatment will likely be delayed until the fall of 2024.	
Silver Lake Restoration	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
Lotus Lake Watershed Water Quality Improvement Project	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 Monahan is in the process of becoming a Notary Public.			