

RPBCWD Staff Report – June 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, Staff Bakkum, and Engineer Sobiech have begun a review of capital project schedules and 2024 equipment needs in preparation of the draft 2024 budget. Administrator Jeffery, Staff Maxwell, Engineer Sobiech, and Ecologist Bischoff began looking at anticipated Alum treatment schedules and lake vegetation management needs in order to set budget. Administrator Jeffery is providing information to NorthRisk Partners and the LMCIT to determine insurance needs and rates for policy period 9/1/2023 through 8/31/2024. Audit and Finance Committee and administrator Jeffery are meeting with Redpath on 7/11/2023 to discuss a new treasurer’s report format and the disclaimer letter. Audit and Finance Committee and administrator Jeffery are meeting with 4M on 7/11/2023 to discuss current placement of funds and to discuss other investment options.</p>	
<b>Administration</b>	<p>Administrator activities</p>	<p>Staff Dickhausen was notified by the MPCA that the district will again be a host site for a GreenCorps member in 2024. Administrator Jeffery reached out to payroll specialist for Abdo regarding per diem reporting requirements. i.e. W2 or I9 The Duck Lake Rd bridge opening ceremony was held on June 1<sup>st</sup>. Administrator Jeffery is ready to enter into an agreement with the aid of counsel, to have the new interactive technology system installed. The vendor said it would be 4 to 6 weeks for install. This will be discussed during Administrator Report.</p>	
<b>Annual Report &amp; Communication</b>	<p>Compile, finalize and submit an annual report to agencies.</p>	<p>No updates.</p>	
<b>DEI</b>	<p>Diversity, Equity, and Inclusion</p>	<p>No updates.</p>	
<b>Human Resources</b>	<p>General Human Resources</p>	<p>Administrator Jeffery is requesting a meeting of the Personnel Committee to discuss staffing needs per the adopted organization chart.</p>	

<b>Internal Policies</b>	Work with Governance Manual and Personnel Committees to review bylaws and manuals as necessary.	<p>The Governance Committee (GC) met on June 16th. They continued their review of the Governance Manual and the comments provided to date and, where applicable, added their own comments and/or responses. Upon completion of the review of comments, the GC will compile a recommended revised governance manual, in redline and clean version as well as a compilation of comments received. This will be brought to a board workshop at a date to be determined and then a subsequent regular meeting of the BOM.</p> <p>The Audit and Finance Committee met on June 6<sup>th</sup> and June 13<sup>th</sup>. The June 6<sup>th</sup> regular meeting included discussion of per diems, treasurer’s report format, and the need to meet with Redpath and 4M representatives. They met again on June 13<sup>th</sup> to receive the audit report. They will meet again July 11th with the aforementioned representatives.</p>															
<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>	<p>The CAC held a regular meeting on June 19. Dr. Lee Frelich gave a presentation on threats to forest ecology; link to recording and shared publications available on <a href="#">CAC webpage</a>. Minutes will be provided as part of the board packet. The next regular meeting of the CAC will be July 17, with a guest speaker will be Kristine Mauer, Natural Resources Specialist with Hennepin County.</p> <p>The second meeting of the Technical Advisory Panel (TAP) for the EHAP was held on the June 15. There was good attendance with all communities except Deephaven represented. Discussion was focused on determining what organizations are currently doing and the gaps that exist to establish and maintain a healthy urban ecosystem. The next TAP is scheduled for July 20.</p>															
<b>Local SWMP</b>	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>	Bloomington	2018-2027	Chanhassen	2016-2025	Chaska	2015-2024	Deephaven	2015-2024	Eden Prairie	2021-2030	Minnetonka	2020-2029	Shorewood	2019-2028	
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<b>MN Watersheds (formerly MAWD)</b>	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.															

		<p>MN Watersheds sent out a packet to managers and administrators requesting resolutions for consideration at the annual meeting. They have set a deadline of September 1, 2023.</p> <p>MN Watersheds sent out a survey so they can better tailor manager education to the needs of the various organizations. Both items are on the 7/12/23 agenda for discussion.</p>	
District-Wide	Description	Update	Partners
<b>Regulatory Program</b>	<p>Review regulatory program to maximize efficiency.</p> <p>Engage Technical Advisory Committee and Citizen Advisory Committee on possible rule changes.</p> <p>Implement a regulatory program.</p>	<p>Administrator Jeffery spoke with staff from Eden Prairie about their self-reporting erosion prevention and sediment control inspections. Compliance with the reporting requirements as well as resolution and/or geography of the photographs proved troublesome. In discussions with the metro regulatory group, all districts represented utilize district staff to inspect active construction sites. Staff Nicklay attended the University of Minnesota MS4001 Regulatory Enforcement class.</p> <p>Staff Forbes is collaborating with Staff Nicklay and Administrator Jeffery to develop new wetland buffer signs with a QR code that directs users to a <a href="#">new webpage on wetland buffers</a>. Discussion also includes joint signage with the City of Chanhassen.</p> <p>Staff Forbes is collaborating with Staff Nicklay and Administrator Jeffery on a postcard to notify lake residents that a permit is needed to do shoreline work. A new webpage aligned with the postcard will provide more info including direct links to permits and other relevant pages.</p>	
<b>Aquatic Invasive Species (AIS)</b>	<p>Review AIS monitoring program.</p> <p>Develop and implement Rapid Response Plan as appropriate.</p> <p>Coordinate with LGUs and keep stakeholders aware of AIS management activities.</p> <p>Manage and maintain the aeration system on Rice Marsh Lake.</p> <p>Riley Chain of Lakes Carp Management.</p> <p>Purgatory Chain of Lakes Carp Management.</p>	<p>Staff received a MNDNR 2023 fisheries permit for assessing common carp populations and spring removals in the Purgatory Creek Recreational Area. Staff have been monitoring the barrier and berm site and have had two removal events yielding 85 carp. With the winterkill of Staring and the rec area, both game fish and common carp populations have been significantly reduced. Regular carp monitoring activities will begin at the end of July.</p> <p>Staring Lake, Duck Lake, Silver Lake, and Lake Lucy experienced winterkills this past winter due to the low starting water levels and the amount of snow we received this past winter. DO measurements were taken multiple times this winter and were</p>	<p>City of Chanhassen</p> <p>City of Eden Prairie</p> <p>University of Minnesota</p> <p>MN DNR</p> <p>Carver County</p>

	<p>Review AIS inspection program. Keep abreast of technology and research in AIS. Zebra mussel adult and veliger monitoring.</p>	<p>low. To ensure bluegill numbers rebound rapidly so carp recruitment does not occur, staff worked with the DNR and private fish hatchery to stock bluegills in the following lakes:</p> <table border="1" data-bbox="890 212 1304 553"> <thead> <tr> <th>Lake</th> <th>2023</th> </tr> </thead> <tbody> <tr> <td>1 Rice Marsh Lake</td> <td>300</td> </tr> <tr> <td>2 Lucy</td> <td>300</td> </tr> <tr> <td>3 Staring</td> <td>300</td> </tr> <tr> <td>4 Purg Creek Rec Area</td> <td></td> </tr> <tr> <td>    Upper Purg</td> <td>50</td> </tr> <tr> <td>    Lower Purg</td> <td>50</td> </tr> <tr> <td><b>Total</b></td> <td>1000</td> </tr> </tbody> </table> <p>Staff collected zebra mussel veliger samples this month which will be sent in to be analyzed.</p>	Lake	2023	1 Rice Marsh Lake	300	2 Lucy	300	3 Staring	300	4 Purg Creek Rec Area		Upper Purg	50	Lower Purg	50	<b>Total</b>	1000	
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<b>Cost-Share</b>	<p>Schedule and coordinate site visits. Review applications and recommend implementation. Evaluate program.</p>	<p>The Watershed Stewardship Grant (WSG) program currently has 11 active grant projects. Three projects were recently closed out. Four applications are pending review. Site visit requests continue with Seth Ristow from Carver SWCD scheduling visits; 19 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 will begin this summer.</p>	<p>Carver Soil &amp; Water Conservation District</p>																
<b>Data Collection</b>	<p>Continue Data Collection at permanent sites. Watershed Outlet Monitoring Program. Identify monitoring sites to assess future project sites. Water Level Sensors</p>	<p>Watershed Outlet Monitoring Program (WOMP): Samples were collected twice this month for the Metropolitan Council (METC). METC will no longer be supporting the Riley Creek WOMP station because it did not meet their priority waters list criteria. The City of Eden Prairie and district staff are in discussion with METC for taking over the station. A meeting was held with METC to review our options and start the discussion on what/how a unit would be purchased. Staff received the Hach auto sampling and jobsite boxes are under construction currently. We look to install the units by months end. Lake level sensors have been working well. Three River Park District will collect Hyland Lake levels moving forward. Units have been/will</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>be checked, downloaded, and desiccant changed once a month. The Riley unit was resurveyed as the sensor fell within its housing. Staff hired two field interns who began in May and have been working with them to conduct regular lake and stream water quality/quantity sampling. They have been excellent.</p> <p>Peter Weiss of Valiparaiso University contacted the district about installing monitoring equipment and conducting grab samples to see the effectiveness of the Lake Susan Park Pond iron enhanced sand filter. Staff will work with Peter to coordinate sampling efforts.</p> <p>Staff Maxwell attended the 2023 MSP LTRE SUMMER SYMPOSIUM where speakers presented their current projects and how they are being included in the larger study. Topics covered toxins, watersheds, urban forestry, pollinators, lakes, "Nature, Urban Development", "Advocacy, Policy, Practice, and racial inequality community engagement. A link to the recorded webinar is available.</p> <p>Staff Maxwell and Jeffery attended the "Update on Impacts of Prop Wash on Lake Sediments" webinar. This covered the past, current, and future research on wake boats by the University of Minnesota.</p>	
<p><b>District Hydrology &amp; Hydraulics Model</b></p>	<p>Coordinate maintenance of Hydrology and Hydraulics Model. Coordinate model update with LGUs if additional information is collected. 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 City of Minnetonka City of Eden Prairie City of Deephaven City of Shorewood</p>

<p><b>Education &amp; Outreach</b></p>	<p>Implement Education &amp; Outreach Plan, review at year end.          Manage partnership activities with other organizations.          Coordinate Public Engagement with District projects.</p>	<p>Staff continue to update the district website as needed.          Staff Bakkum continues to receive inquiries via the district website “Contact Us” form.</p> <p>Staff Mahon and Staff Forbes attended a garlic mustard pull along Riley Creek on June 4<sup>th</sup>, hosted by the Friends of Eden Prairie Parks in collaboration with RPBCWD.</p> <p>Staff Mahon and members of the CAC led 57 7th graders in a planting of the prairie site at St. Hubert School on June 5<sup>th</sup>.</p> <p>Staff Mahon and staff from Nine Mile Creek co-presented on Smart Salting for school grounds maintenance professionals at the 2023 Minnesota Educational Facilities Management Professionals Association Conference to 139 attendees across the 2-day conference on June 13 and 14<sup>th</sup>. Staff Mahon hosted a table at the Duck Lake Bridge Opening Ceremony on June 1<sup>st</sup>.</p> <p>Staff Forbes submitted a full page graphic to be included on page 3 of the Eden Prairie Community Guide scheduled for distribution in June. The graphic encourages readers to identify their watershed district and learn about permit, grants, and how to get involved. Staff Mahon, Administrator Jeffery, and volunteers from the CAC will be assisting the St Hubert’s 7<sup>th</sup> grade students on June 5<sup>th</sup> to install wetland plants in two catchment areas within the prairie restoration area.</p> <p>Administrator Jeffery presented to the Lake Riley Lake Association annual meeting. The items discussed included trends in Lake Riley as well as proposed district activities in the watershed. The message was well received.</p> <p>Administrator Jeffery and Lori Haak from the City of Eden Prairie will be meeting with members of Friends of Red Rock Lake and discuss their observations, concerns, and the lake in general On July 21, 2023.</p> <p>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 to come.</p> <p>Staff Forbes set up a lake notification distribution list. The e-notification system will be used to update subscribers about District-led activities such as AIS treatments. Users may sign up to</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 Freshwater Society City of Chanhassen City of Minnetonka</p>
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		<p>receive notifications about particular lakes at <a href="http://rpbcmd.org/newsletter">rpbcmd.org/newsletter</a>.</p> <p>Administrator Jeffery and Staff Forbes met with the City of Eden Prairie and the Mitchell Lake Association board members in June to share updates and facilitate coordination.</p> <p>Staff Forbes collaborated with Staff Maxwell and Staff Dickhausen to establish a basic <a href="#">Water Quality Monitoring webpage</a> under the What's Happening section of the website. A QR code linking to the page will be included on boxes housing water quality monitoring equipment in public areas.</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>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</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>Maija Weaver, Graduate Student, with input from Ray Newman, University of Minnesota – Complete point-intercept plant surveys have been conducted twice on Lakes Susan, Staring, and Riley: one in May and one in June. Lake Susan Secchi depth dropped from 4.4m in May to 2.2m in June, but 5 native species were found in May and 8 native species were found in June. Lake Susan curlyleaf</p>	<p>City of Eden Prairie</p> <p>City of Chanhassen</p> <p>University of Minnesota</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>pondweed was treated with flumioxazin in late May and treatment and reference plots were established to assess this herbicide. Plant response in treatment and reference grids are still being analyzed, but curlyleaf pondweed abundance in treated areas was low in June. Lake Riley water clarity remains high with a Secchi depth of 5.3m for May. The plants jumped from 5 native species in May to 9 in June, and Eurasian watermilfoil was only found at 2% of points in June. Curlyleaf pondweed was controlled with a May diquat treatment but was abundant in some untreated areas. Staring Lake is showing a positive response to whole-lake fluridone treatment last year. No Eurasian watermilfoil has been found and curlyleaf abundance remains low. May Secchi depth was 2.6m and June was 2.2m. In May, 7 native species were found, and in June, 9 were found. Biomass and abundance data from the lakes are still being processed, and a final plant survey will be conducted on each lake in August.</p> <p>Staff have been coordinating a pre- and post- flumioxazin treatment survey with a concentrated point grid on Lake Susan (Newman U of MN) and Mitchell Lake (April Londo MNDNR) in May to assess the response of curlyleaf and native plants to this herbicide. Herbicide residual samples were collected on each lake to analyze herbicide dispersal. Samples were sent to the University of Florida and results have been recieved. This data will be helpful for applicators, the DNR, and the District when applying flumioxazin.</p> <p>A traditional \$3,000 AIS control grant was awarded by the MNDNR for Lake Riley.</p> <p>Staff and consultants completed all curly leaf pondweed and eurasian watermilfoil delineations and treatments. Postcards were sent out prior to treatments to notify adjacent property owners. Below is a</p>	<p>MN DNR</p>
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list of completed treatments..

LAKE	AIS	PROPOSAL	ACREAGE
riley	CLP	22.2	9
susan	CLP	8.5	5.35
red rock	CLP	8.5	13
mitchell	CLP	13	12.93
rml	CLP	11	na
staring	EWM	10.00	na
lotus	EWM	22.2	22.92
riley	EWM	16	na
<b>TOTAL</b>		111.4	63.2

Proposed treatments vs actual treatments were significantly reduced in 2023. This was likely because of the reduced clp growth from the extensive snow cover and extended winter this past year. Lotus Lake herbicide was changed to a less expensive herbicide in preparation for a more extensive herbicide treatment in 2024. No treatment was needed on Rice Marsh Lake for clp and for ewm on Staring and Riley.

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.

**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 collected MPD infiltrometer data at several locations within North Lotus Lake Park and off Frontier Trail in Chanhassen for the purpose of identifying locations and types of BMPs to be used in these areas. This information has been provided to Barr for design of the Lotus Lake Water Quality Improvement project.

City of Chanhassen  
St Hubert School  
Eden Prairie Public Schools  
City of Eden Prairie

**Total Maximum Daily Load (TMDL)**

Continue working with the Minnesota Pollution Control Agency on the Watershed Restoration and Protection Strategies (WRAPS).

No changes.

MPCA

<b>Repair &amp; Maintenance Fund</b>	Develop and formalize grant program. Maintenance of RPBCWD BMPs	Administrator Jeffery 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. While Chanhassen has agreed to vacuum out the pretreatment chamber and maintain the cartridges, replacement of the cartridges at the end of their lifespan is still in question. As greater utilization of these systems occurs, this is an issue that should be addressed. Repair and maintenance fund would be an appropriate line item for such purchases with partner cities. A memorandum will be prepared outlining how this program might work, the costs that might be anticipated, and the logistics involved. This will be presented at a future work shop.	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 Newman research and coordinate with local partners. Keep the manager abreast to progress in the research. Identify next management steps.	Administrator Jeffery and Staff Maxwell are participating in a round table discussion about society and lake management with researchers from the University of Minnesota.	Stormwater ponds partners: Cities of Bloomington, Chanhassen, Eden Prairie, Minnetonka, Shorewood; U of MN
<b>Watershed Plan</b>	Review and identify needs for amendments.	Administrator Jeffery, Engineer Sobiech, Staff Forbes, and Fred Rozumalski (Barr) are meeting bi-weekly to develop the Ecological Health Action Plan (EHAP).	
<b>Wetland Conservation Act (WCA)</b>	Administer WCA within the Cities of Shorewood and Deephaven. Represent the District on Technical Evaluation Panel throughout the District.	Staff Dickhausen attended three TEP meetings hosted by the City of Chanhassen on June 6, 22, and 29. At the June 6 meeting, the TEP met on-site at the Lake Lucy Lane violation site to review the wetland delineation/boundary application that was received from the homeowner's wetland specialist representative. The TEP agreed with the delineation finding and boundaries determined by the specialist. The TEP did notice perceived issues with the winter stabilization methods that had been put in the ditch, and noted it for future review of the ordered restoration work that will be taking place on site. The June 22 meeting was the regular monthly TEP meeting hosted by	City of Shorewood City of Deephaven City of Chanhassen City of Eden Prairie MCWD BWSR MN DNR A COE

the City. The TEP discussed the ongoing dealings with the Applicant/project along Arboretum Blvd and the most recent revisions to the application. Due to continued lack of information provided by the applicant and their wetland consultant upon requests from the TEP and City, the TEP was in agreeance that they would recommend denial of the permit. After the meeting, the City ended up receiving notice from the applicant. They were looking to hire a consultant that could help them provide the updates and answers needed by the TEP. The City and the applicant are in contact, working together to help applicant and their eventual new consultant provide all the answers/materials needed to appove the application before the upcoming extension deadline. During this meeting, the TEP also discussed the wetland violation on Lake Lucy Lane and the site visit earlier in the month. The City will continue to monitor the progress of compliance to the restoration order.

The June 29 meeting was a site visit to review the boundary/type application and delineation of a wetland along Galpin Blvd. This site is slated for an upcoming City trail project. The trail runs parallel to the wetland of review. The TEP agreed with the proposed wetland boundaries. The City's wetland specialist/consultant did submit a MnRAM assessment with the application. The assessment and associated management classification for the wetland differed from those in the District database. Staff Dickhausen provided the TEP and applicant/consultant with the District's Access DB version of the MnRAM assessment, along with justification for the differences between the two reports.

The City of Eden Prairie noticed an application for a boundary determination/De minimus off Pioneer Trail in May. The City held an onsite TEP meeting on June 1. The TEP agreed with the delineated boundaries determined by the wetland professional. The TEP agreed that, due to the size and type of the wetlands, the applicant would be able to fill the wetlands without completing a replacement plan or mitigation. The City approved the application.

The City also noticed a boundary/type application attached to a culvert replacement (notice of application came on June 20). They also noticed a decision to accept a no-loss application from a property

		<p>off Blossom Road in which it was determined there were no wetlands on site.</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.</p>	
<b>Wetland Management</b>	<p>Assess known existing wetlands, identify previously unknown wetlands, identify wetlands for potential restoration/ rehabilitation and wetlands requiring additional protection.</p>	<p>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 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.</p> <p>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.</p> <p>Staff Dickhausen ended up meeting with a resident in Minnetonka on June 22 to observe and discuss the state of a shallow open water wetland on/adjacent to their property. They discussed the state of the wetland compared to how it had been in previous years. This included what factors might be causing the changes in plant communities and algae growth. Staff Dickhausen provided the homeowner with resources to inform their neighborhood about good water quality improving practices they could take up, as well as well as information about pursuing residential water quality improvement projects.</p>	<p>City of Chanhassen City of Eden Prairie Hennepin County Carver County MN DNR BWSR USFWS</p>
<b>Hennepin County Chloride Initiative</b>	<p>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</p>	<p>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</p>	<p>Eleven watershed districts/WMOs Multiple cities MPCA</p>

	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.	its website ( <a href="http://www.rpbcd.org/lowsaltnosalt">www.rpbcd.org/lowsaltnosalt</a> ) along with three video shorts on our YouTube channel.  Staff Forbes and Jessica Wilson (City of Edina) have submitted an abstract to co-present the Low Salt, No Salt program at the Minnesota Water Resources Conference in fall 2023.	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.	City of Chanhassen
<b>Bluff Creek Reaches B5 and B6</b>	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 <sup>st</sup> 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.	
<b>Wetland Restoration at Pioneer Tr and MN TH 101</b>	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
<b>Lake Riley Alum Treatment</b>	Continue monitoring of Lake.	Lake Riley water quality remains excellent following the completed alum treatment. A study will be published about the project after the results of the final coring event are received.	
<b>Lake Susan Park Pond</b>	Complete final site stabilization and spring start up. Finalize and implement E & O for project. Monitor project.	Quotes were solicited. Only one quote was received, and it came in substantially over the engineer's opinion of cost. Engineer Sobiech and Administrator Jeffery will solicit new quotes and work with the city to address their more immediate concerns of turf maintenance.	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.  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. There are one or two small items to button up and then staff and engineer will be recommending the project be closed out. CRAS scores significantly improved from pre to post restoration.	City of Eden Prairie Lower MN River Watershed District
<b>Rice Marsh Lake Alum Treatment</b>	Continue monitoring of Lake.	Water quality continues to be excellent following the first dose of alum. 2024 is the projected 2 <sup>nd</sup> dose.	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.	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	City of Chanhassen

		<p>small amount of sediment within them. The cartridges looked clean.</p> <p>Staff are meeting early this month with Chanhassen on site early this month to investigate a potential blockage within the unit.</p>	
<b>Upper Riley Creek</b>	<p>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.</p>	<p>The cooperative agreement is currently being drafted by Smith Partners and will be presented to the City for discussion soon.</p> <p>Administrator Jeffery is reaching out to the private property owners in the corridor to obtain permissions.</p> <p>Administrator Jeffery and Engineer Sobiech met with staff from the City of Chanhassen to discuss the 60% plans as well as location and funding of the decant facility being proposed.</p> <p>The CRAS scores were updated this year after stream walks were completed. Scores have worsened from previous walks in 2015 as instream creek conditions have deteriorated.</p> <p>Staff Dickhausen submitted supplemental wetland delineation report for the ponded wetland area south of the creek, east of the Chanhassen Public Works building. The City issued a Notice of Decision on May 30<sup>th</sup> concurring with the boundary.</p>	City of Chanhassen
<b>Middle Riley Creek</b>	<p>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.</p>	<p>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.</p>	<p>Bearpath Neighborhood Association City of Eden Prairie MN DNR</p>
<b>St Hubert Water Quality Project</b>	<p>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.</p>	<p>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. Davey will be onsite the beginning of June to perform maintenance and replace three trees.</p>	<p>CCSWCD Metropolitan Council City of Chanhassen</p>
<b>Purgatory Creek Watershed</b>	<b>Description</b>	<b>Update</b>	<b>Partners</b>

<b>PCRA Berm</b>		<p>Administrator Jeffery met with legal counsel to discuss drafting a cooperative agreement with Eden Prairie and a professional services agreement with Stantec.</p> <p>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.</p>	<p>City of Eden Prairie MN DNR</p>
<b>Duck Lake Water Quality Project</b>	<p>Work with the City to implement neighborhood BMP.</p> <p>Identify neighborhood BMP to help improve water resources to DuckLake.</p> <p>Implement neighborhood BMPs.</p>	<p>No changes</p>	<p>City of Eden Prairie</p>
<b>Lotus Lake Internal Load Control</b>	<p>Continue monitoring the Lake.</p> <p>Plan second alum application.</p>	<p>Barr will begin looking at release rates and dosing recommendations.</p> <p>Treatment will likely be delayed until the fall of 2024.</p>	
<b>Silver Lake Restoration</b>	<p>Order project.</p> <p>Design Project.</p> <p>Work with the City of Chanhassen for design, cooperative agreement, and implementation.</p>	<p>Prairie Restoration has performed the vegetative maintenance including treatment of garlic mustard on the site but outside of the grading area to prevent it from migrating further.</p>	<p>City of Chanhassen</p>
<b>Lotus Lake Watershed Water Quality Improvement Project</b>	<p>Feasibility Study/Preliminary Engineering Report</p> <p>Issue Identification</p> <p>Partnership Opportunities and CIP Alignment</p>	<p>Barr, City Staff, and Administrator Jeffery continue working on finalizing the feasibility report.</p>	<p>City of Chanhassen</p>
<b>Professional Development</b>			