

RPBCWD Staff Report – April 2023

Administration	Description	Update	Partners
<b>Accounting, Audit &amp; Budget</b>	<p>Coordinate with Accountants for the development of financial reports.</p> <p>Coordinate with the Auditor.</p> <p>Continue to work with the Treasurer to maximize on fund investments.</p>	<p>Staff Bakkum compiled the monthly treasurer’s report</p> <p>Staff Bakkum and Administrator Jeffery have been compiling materials requested by Abdo for the 2022 audit. Staff met with Abdo on April 27<sup>th</sup> to discuss the audit timeline.</p> <p>Administrator Jeffery met with watershed partners to begin the identification of a project for Watershed Based Implementation Funding.</p> <p>Administrator Jeffery, Staff Bakkum, and Engineer Sobiech will begin starting preliminary budget in April in preparation for June presentation of draft budget.</p>	
<b>Administration</b>	<p>Administrator activities</p>	<p>Administrator Jeffery, and Staff members Dickhausen, Bakkum, and Mahon met with the MPCA to interview to host a Minnesota GreenCorps member in 2023-2024. The District was accepted as a host site for the 2023-2024 year. Staff Dickhausen will be working with the MPCA to complete onboarding forms and required trainings to comply with MPCA rules for sites hosting a GreenCorps member. He will be working with Staff Bakkum and Administrator Jeffery to procure relevant District documents needed for this process.</p> <p>Administrator Jeffery continues working with the Parks Director of Chanhassen to be placed on the Parks Commission agenda to discuss various initiatives including the regional stormwater park in North Lotus Lake Park, downtown redevelopment, Lake Ann Preserve, and other potential partnerships. He met with Chanhassen City Manager to discuss long-term plans and opportunities for partnership.</p> <p>Administrator Jeffery is working with staff from Eden Prairie on the Duck Lake Bridge Ribbon Cutting Ceremony.</p>	
<b>Annual Report &amp; Communication</b>	<p>Compile, finalize and submit an annual report to agencies.</p>	<p>The annual report was authorized for distribution at the April 12<sup>th</sup> regular meeting.</p>	
<b>DEI</b>	<p>Diversity, Equity, and Inclusion</p>	<p>All staff met on April 6<sup>th</sup> for a status update on the watershed DEI workgroup that staff Mahon is involved in, and to generate ideas for incorporating DEI into our programs.</p>	

<b>Human Resources</b>	General Human Resources	<p>After identifying information was redacted from the submitted applications for Administrative Assistant to ensure objectivity, five candidates were selected for first round interviews with staff from both RPBCWD and NMCWD. A second round of interviews is planned for the week of May 1<sup>st</sup> with plans to make an offer to the finalist soon after.</p> <p>Staff Maxwell and Administrator Jeffery interviewed intern candidates and sent two offer letters.</p>	
<b>Internal Policies</b>	Work with Governance Manual and Personnel Committees to review bylaws and manuals as necessary.	The Governance Committee (GC) met on April 14th. They reviewed a draft declaration written by Attorney Smith which addressed hybrid board meetings and continued reviewing 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.	
<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 April 17. Staff Maxwell presented the water quality update. Minutes will be provided as part of the board packet. The next regular meeting of the CAC will be May 15. The CAC has formed a committee (“Friends of RPBCWD”) focused on doing habitat and other hands-on work in the district.	
<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>	
<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. Shell Rock River and Cedar River Watershed Districts will be hosting the Summer Tour in the Albert Lea area June 20-22.	

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 was elected Vice Chair of the MAWA State Policy Committee that held their first meeting on March 27<sup>th</sup>.</p> <p>Administrator Jeffery and Engineer Sobiech continue working with the City of Chanhassen to develop a regional stormwater management plan for northern and western Lotus Lake watershed areas. This will be brought to the BOM for informational purposes at the May or June workshop.</p> <p>GreenCorps Member Portoghese and Staff Dickhausen have developed a Microsoft Access database and are developing a GIS database to catalogue soils data collected.</p> <p>Administrator Jeffery, Engineer Sobiech, and Counsel Welch met to discuss timing of and the need for regulatory changes. It was decided that any changes would be best if timed with the completion of the EHAP.</p> <p>Staff Nicklay is returning to the regular twice monthly inspection schedule.</p> <p>Staff Nicklay is developing a new letter grade-based system to be included in inspection reports. This will help permittees understand their compliance level at a glance.</p> <p>Administrator Jeffery continues working with the MN DNR, the City of Chanhassen, BWSR, and Carver County SWCD on a wetland violation in Chanhassen. The property owner has retained the services of a wetland professional and a landscape architect to aid them through the process. Temporary sediment and erosion control measures have been installed.</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</p>	<p>The Rice Marsh Aeration Unit was turned off earlier this month.</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 but have yet to see any carp movement.</p> <p>Staff have secured a landscaper to take and compost carp/goldfish for the 2023 season.</p> <p>Staring Lake, Duck Lake, Silver Lake, and Lake Lucy have experienced winterkills this winter due to the low starting water levels and the</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>Management. Review AIS inspection program. Keep abreast of technology and research in AIS. Zebra mussel adult and veliger monitoring.</p>	<p>amount of snow we received this past winter. DO measurements were taken multiple times this winter and were low. To ensure bluegill numbers rebound rapidly so carp recruitment does not occur, staff will work with the DNR and fish hatchery to stock bluegills in the following lakes:</p> <table border="1" data-bbox="890 289 1304 630"> <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><b>1000</b></td> </tr> </tbody> </table>	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>	<b>1000</b>	
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<p><b>Cost-Share</b></p>	<p>Schedule and coordinate site visits. Review applications and recommend implementation. Evaluate program.</p>	<p>The Watershed Stewardship Grant (WSG) program currently has 10 active grant projects. Site visits have begun for the season. Ten site visits have already occurred with more to be scheduled.</p>	<p>Carver County Soil &amp; Water Conservation District</p>																
<p><b>Data Collection</b></p>	<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). Staff attended the annual WOMP cooperator forum which discusses changes and updates to the WOMP program. METC will no longer be supporting the Riley Creek WOMP station because it did not meet their priority waters list. The City of Eden Prairie and district staff are discussing options 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 have been prepping and installing equipment for the 2023 field season. ISCO units will begin being installed and the bmp's will be put online this month. Most lake level sensors were installed this month. Three River Park District will collect Hyland Lake levels moving forward. Staff is working with Anthony Afdenkampe of LimnoTech to update the EnviroDIY code.</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>A</p> <p>Staff hired two field interns this month for summer data collection work. Two candidates have accepted the positions and will start May 15th.</p> <p>Administrator Jeffery and Staff Maxwell met with representatives of the Met Council Environmental Services Watershed Outlet Monitoring Program (WOMP) to discuss continuing monitoring at the WOMP station in the lower Riley Creek valley which they plan to discontinue. Representatives from the City of Eden Prairie were also present and indicated a desire to continue the program and a willingness to partner with the district.</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>	Eden Prairie has provided final comments to Barr regarding the flood risk assessment mapping. Staff intends to bring the results of the modeling and mapping to the BOM at the April workshop for discussion.	<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 Mahon and GreenCorps Member Portoghesse hosted a table at the Cedar Ridge Elementary School Science Night on April 20<sup>th</sup>. Approximately 50 students interacted with our Enviroscape Model.</p> <p>Staff Mahon and Staff Maxwell hosted a table and activity at the Eden Prairie Eco Expo on April 22<sup>nd</sup> at the Eden Prairie Mall. Approximately 120 kids completed our Aquatic Invasive Species Junior Inspector activity.</p> <p>Staff Mahon met with the 5<sup>th</sup> grade teachers at Prairie View Elementary School alongside a rep from the EPDLA to discuss opportunities for engaging students with the nearby Duck Lake.</p> <p>A sold-out Resilient Shorelines Workshop with Blue Thumb, hosted by the City of Eden Prairie in collaboration with RPBCWD and NMCWD took place on April 26<sup>th</sup>.</p> <p>RPBCWD and NMCWD co-hosted an MPCA Turfgrass Maintenance for Reduced Environmental Impacts training on April 13<sup>th</sup> for 59 attendees.</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>

		<p>Stormwater BMP inspection course in Eden Prairie. John Bilotta, Andy Erickson, John Chapman, and Maggie Karschnia will be teaching a course that staff Maxwell has been a part of in the past. Staff Maxwell sent take home and talking points from previous classes and the Bluff Creek Fact Sheets will be passed out. In the past, over 100 people attended the training.</p> <p>A Lake Association Summit was held April 11th. Seven lakes were represented by 15 people, primarily association board members. Other attendees include staff from the cities of Chanhassen and Eden Prairie. Presentations were given by the Administrator Jeffery, Staff Maxwell, and Joe Bischoff (Barr) about projects, programs, monitoring and lake health. Other attendees included Engineer Sobiech, Staff Forbes, Staff Bakkum, and GreenCorps Member Portoghese.</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>RPBCWD and Barr staff are evaluating the needs and benefits of re-establishing the monitoring well program that the district used to run. Administrator Jeffery and Engineer Sobiech will meet with hydrogeologist Evan Christensen, who was the primary author of the Ground Water – Surface Water Interaction report, to begin scoping next steps in developing a groundwater 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>A visual presentation of the 2022 progress report was presented at the Riley Summit on March 23, 2023. Overall the presentation and summit went well and was a good way to discuss results and future plans for the RPBCW. Ice is coming off the lakes so as water temperatures rise, we are headed into the 2023 field season. Delineations on Riley, Susan, and Staring will be completed in early May, and then regular point-intercept sampling will begin. This year we will have three complete plant surveys for each lake, May, June, and August.</p>	<p>City of Eden Prairie</p> <p>City of Chanhassen</p> <p>University of Minnesota</p> <p>MN DNR</p>

	<p>Schedule regularly scheduled point intercept surveys. Work with Three Rivers Park District for Hyland Lake.</p>	<p>Staff have been coordinating a pre- and post- flumioxazin treatment survey with a concentrated point grid on Lake Susan (Newman) and Mitchell Lake (April Londo MNDNR) in May to assess the response of curlyleaf and native plants to this herbicide. Herbicide residual samples will be collected on each lake to see herbicide dispersal. This data will be helpful for applicators, the DNR, and the District when applying flumioxazin. A traditional AIS control grant was submitted for lake vegetation management on Riley, Lotus, Mitchell, Red Rock, and Susan. Grant results will be known in January. The district received a \$3,000 grant for Lake Riley.</p> <p>Staff Maxwell has applied for herbicide permits and applicators have been selected for 2023. Staff and consultants will be out this next month conducting delineations. Postcards will be sent out prior to delineations. Below is a list of potential treatments pending delineations.</p> <table border="1" data-bbox="877 771 1730 1092"> <thead> <tr> <th>Lake</th> <th>Delineation</th> <th>Acreage</th> <th>Delineator</th> <th>Herbicide</th> <th>PLM</th> <th>MWAC</th> </tr> </thead> <tbody> <tr> <td>Mitchell</td> <td>CLP</td> <td>13</td> <td>District</td> <td>Flumioxazin</td> <td>x</td> <td></td> </tr> <tr> <td>Susan</td> <td>CLP</td> <td>8.6</td> <td>UMN</td> <td>Flumioxazin</td> <td>x</td> <td></td> </tr> <tr> <td>Red Rock</td> <td>CLP</td> <td>13</td> <td>FWSS</td> <td>Endothal</td> <td></td> <td>x</td> </tr> <tr> <td>Riley</td> <td>CLP</td> <td>22.2</td> <td>UMN</td> <td>Diquat</td> <td>x</td> <td></td> </tr> <tr> <td>RML</td> <td>CLP</td> <td>11</td> <td>District</td> <td>Diquat</td> <td>x</td> <td></td> </tr> <tr> <td>Staring</td> <td>EWM</td> <td>10</td> <td>UMN</td> <td>Procell/Diquat</td> <td>x</td> <td></td> </tr> <tr> <td>Lotus</td> <td>EWM</td> <td>22.2</td> <td>FWSS</td> <td>Procell/Diquat</td> <td>x</td> <td></td> </tr> <tr> <td>Riley</td> <td>EWM</td> <td>16</td> <td>UMN</td> <td>Procell/Diquat</td> <td>x</td> <td></td> </tr> </tbody> </table> <p>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>	Lake	Delineation	Acreage	Delineator	Herbicide	PLM	MWAC	Mitchell	CLP	13	District	Flumioxazin	x		Susan	CLP	8.6	UMN	Flumioxazin	x		Red Rock	CLP	13	FWSS	Endothal		x	Riley	CLP	22.2	UMN	Diquat	x		RML	CLP	11	District	Diquat	x		Staring	EWM	10	UMN	Procell/Diquat	x		Lotus	EWM	22.2	FWSS	Procell/Diquat	x		Riley	EWM	16	UMN	Procell/Diquat	x		
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<p><b>Opportunity Projects</b></p>	<p>Assess potential projects as they are presented to the District</p>	<p>Administrator Jeffery and Engineer Sobiech are awaiting information from the consulting engineer for Eden Prairie Public Schools to continue investigating the feasibility of a regional storm water treatment system. No Change Administrator Jeffery, Engineer Sobiech, and Staff Forbes met with the owner of Hackamore Brewery on Dec. 8 to discuss potential</p>	<p>City of Chanhassen St Hubert School Eden Prairie Public Schools City of Eden Prairie</p>																																																															

		<p>partnering opportunities that incorporate water quality considerations in the new brewery's patio design. Design is ongoing.</p> <p>Administrator Jeffery and Engineer Sobiech met with Chanhassen Parks and Recreation to discuss stabilization of the shoreline at Carver Beach Park. Barr will be providing a technical memorandum to evaluate various stabilization techniques to guide design.</p> <p>Administrator Jeffery and Staff Forbes met with Lori Haak of Eden Prairie to discuss a partnership on a wetland restoration project. Administrator Jeffery is evaluating grant availability and if it would be eligible for WBIF.</p>	
<b>Total Maximum Daily Load (TMDL)</b>	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		City of Eden Prairie
<b>University of Minnesota</b>	<p>Review and monitor progress on University of Minnesota grant.</p> <p>Support Dr. John Gulliver and Dr. Ray 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>	Staff Maxwell and Administrator Jeffery met with Limnotech about a submittal of a proposal to the Minnesota Stormwater Research Council. The study would be led by Limnotech, with potential district staff data collection in 2023, with the use of the district historic stormwater pond data being used. The study proposes to develop defensible recommendations for the design, retrofit and management of constructed stormwater ponds and their catchments to optimize phosphorus retention. The project passed the first round and was moved forward for a full proposal submission which was completed and is currently under consideration.	Stormwater ponds partners: Cities of Bloomington, Chanhassen, Eden Prairie, Minnetonka, Shorewood; U of MN
<b>Watershed Plan</b>	Review and identify needs for amendments.	<p>As a result of a meeting with Barr, staff, and Manager Crafton, a scope of services to develop an Ecological Health Action Plan (EHAP) was developed and will be present to the BOM for authorization at the February 1, 2023 meeting of the BOM.</p> <p>Administrator Jeffery, Engineer Sobiech, Staff Forbes, and Fred Rozumalski (Barr) are meeting bi-weekly to develop the Ecological Health Action Plan (EHAP). Potential advisory panel members have been contacted and a workshop schedule has been set.</p>	



<p><b>Wetland Conservation Act (WCA)</b></p>	<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 two TEP meetings hosted by the City of Chanhassen on April 24 and 28.  The purpose of the meeting on the 24 was to review a wetland delineation and project impacts of a proposed upgrade of an existing section of Galpin Blvd and 78<sup>th</sup> St by the City of Chanhassen. The project will be constructing trails along the corridor as well as expand existing stormwater ponds/wetland areas adjacent to the road to continue to provide adequate stormwater storage. The City is purchasing off site wetlands credits as a part of their mitigation requirements. The TEP advised the acceptance of the application and the application was approved based on this recommendation.  The April 28 meeting was an onsite review of a revised application for the ongoing project review of the property off Arboretum Blvd that The City and the TEP have been working on for that last several months. In this application, the applicants addressed several incompleted parts and questions about permits they would need through the ACOE and the District. The TEP will be submitting final comments and thoughts on whether this revision should be accepted in the coming days.  Staff Dickhausen, along with staff from the City of Minnetonka met with a resident of Minnetonka to discuss wetland functions and the process of identifying restoration projects. Staff Dickhausen and City staff were both contacted by the resident with questions about restoring a wetland on/adjacent to their property. Staff made sure to educate them on wetland functions and what that means for downstream water quality/overall watershed water quality.  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 a 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>	<p>City of Shorewood  City of Deephaven  City of Chanhassen  City of Eden Prairie  MCWD  BWSR  MN DNR  A COE</p>
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<b>Wetland Management</b>	Assess known existing wetlands, identify previously unknown wetlands, identify wetlands for potential restoration/rehabilitation and wetlands requiring additional protection.	Staff Dickhausen is preparing for this year's field season. He will be carrying out some QA/QC assessments in the south east part of Eden Prairie and Bloomington. He will also be completing Floristic Quality Assessments (FOA) in areas of Chanhassen in which MnRAM assessments were completed before the District adopted the use of FQA for assessing plant communities.  Administrator Jeffery and Staff Dickhausen continue updating the MnRAM Access database. Numerous requests for MnRAM scores have been made by municipalities and private developers.	City of Chanhassen City of Eden Prairie 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 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 ( <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.	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.	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. With the revised budget, 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.	
<b>Wetland Restoration at</b>	Remove 3 properties from flood zone, restore a minimum 7 acres and as	Staff from Barr are organizing a meeting with the contractor to develop maintenance plan for 2023.	City of Chanhassen

<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.		MN DNR 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.	Staff will plan to core again in 2024 to assess the second alum dose. 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 Improvement Phase 2</b>	Complete final site stabilization and spring start up. Finalize and implement E & O for project. Monitor project.	No updates.	City of Chanhassen Clean Water Legacy Amendment
<b>Lake Susan Spent Lime</b>	2022 startup and monitoring	Staff are planning to take sediment cores in the wetland south of Lake Susan within the Lake Susan Park Preserve. The sediment cores will be used to confirm the wetland is a significant loader to Lake Susan and if there is an opportunity for management action (i.e. alum treatment) to decrease the nutrient loading to Lake Susan. It was originally scheduled for this fall but due to the low water levels, it has been postponed until the water levels increase. It is scheduled for this spring.	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 will occur after the snow melt is complete. The project will be closed out after that walkthrough barring any setbacks. 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.	Notice of substantial completion was issued. A maintenance schedule is to be provided to the district from the contractor. The GreenCorps member (Alaina Portoghese) collected data on infiltration results and soil development in the restoration areas as well as comparative samples in the unchanged ball field area of the park.	City of Chanhassen

<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.  Administrator Jeffery is reaching out to the private property owners in the corridor to obtain permissions.  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.  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.  Staff Dickhausen submitted supplemental wetland delineation report for the ponded wetland area south of the creek, east of the Chanhassen Public Works building.</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.</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.  Staff Mahon and Administrator Jeffery are working with the Science Committee to have students plant areas in the prairie restoration that pond water to provide treatment, rate control, and infiltration.  Staff Mahon and Administrator Jeffery will work with the science department to plant the two wetland areas in the spring.  Administrator Jeffery submitted the final report to the Metropolitan Council for grant reimbursement.  Administrator Jeffery has submitted the final progress report and request for funding to BWSR through eLink.  The district has received the grant dollars from the Metropolitan Council and Carver County SWCD.  Administrator Jeffery will be bringing forward pay application #2 for the project. The only remaining tasks are maintenance of the</p>	<p>CCSWCD    Metropolitan  Council    City of Chanhassen</p>

Purgatory Creek Watershed	Description	Update	Partners
<b>PCRA Berm</b>		Administrator Jeffery met with legal counsel to discuss drafting a cooperative agreement with Eden Prairie and a professional services agreement with Stantec.	City of Eden Prairie MN DNR
<b>Duck Lake Water Quality Project</b>	Work with the City to implement neighborhood BMP. Identify neighborhood BMP to help improve water resources to DuckLake. Implement neighborhood BMPs.	No changes	City of Eden Prairie
<b>Lotus Lake Internal Load Control</b>	Continue monitoring the Lake. Plan second alum application.	Barr will begin looking at release rates and dosing recommendations. Treatment will occur in the fall of 2023.	
<b>Silver Lake Restoration</b>	Order project. Design Project. Work with the City of Chanhassen for design, cooperative agreement, and implementation.	Prairie Restoration has completed the work and will return in the spring for maintenance.	City of Chanhassen
<b>Lotus Lake Watershed Water Quality Improvement Project</b>	Feasibility Study/Preliminary Engineering Report  Issue Identification  Partnership Opportunities and CIP Alignment	A feasibility plan and conceptual drawings were presented to Administrator Jeffery for review and comment. Administrator Jeffery, Barr staff, and staff from the City of Chanhassen are meeting on March 3 <sup>rd</sup> to review the preliminary design.	City of Chanhassen

**Professional Development**

**Administrator Jeffery is taking a course through EdEx on Public Financial Management. This course will be completed April 17.**

**Administrator Jeffery has been accepted to the Bemidji State Graduate Certificate Program in Public Administration and will begin courses Summer Session I of 2023.**

**Staff Dickhausen and Administrator Jeffery have registered for various trainings through BWSR. These courses are needed to maintain Certified Professional Wetland Delineator credentials.**