

RPBCWD Staff Report – May 2023

Administration	Description	Update	Partners
Accounting, Audit & Budget	<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 May 30th to discuss the budget. The draft report should be finished in early June. Abdo will present to the Audit and Finance Committee before the report is brought to the Full board.</p> <p>Administrator Jeffery is working with BWSR and Minnetonka staff to complete the WBIF grant application.</p> <p>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.</p>	
Administration	<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.</p> <p>Administrator Jeffery reached out to payroll specialist for Abdo regarding per diem reporting requirements. i.e. W2 or I9</p> <p>The Duck Lake Rd bridge opening ceremony was held on June 1st.</p> <p>Administrator Jeffery met with two A/V technology firms to discuss board room configuration for interactive technology. WiFi security and physical plant security options were also discussed. Alternate quotes for these two items will be provided as soon as they are available.</p>	
Annual Report & Communication	<p>Compile, finalize and submit an annual report to agencies.</p>	<p>The annual report was authorized for distribution at the April 12th regular meeting.</p>	
DEI	<p>Diversity, Equity, and Inclusion</p>	<p>No updates.</p>	
Human Resources	<p>General Human Resources</p>	<p>Staff and administrators from both NMCWD and RPBCWD agreed that the most qualified candidate for the shared office assistant position was Dylan Monahan. He was offered the position and accepted. His first day will be June 26th.</p> <p>Two interns began working in data collection on May 15th. Nathan Terhaar and Andrew Hartmann have jumped right in and have proven to be a valuable asset to Staff Maxwell as the data collection season gets going.</p>	

Internal Policies	Work with Governance Manual and Personnel Committees to review bylaws and manuals as necessary.	<p>The Governance Committee (GC) met on May 5th. They are continuing 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 May 23rd. At this meeting, they discussed setting a regular schedule of meetings, how payment of per diems should be handled, the fund balance table content and formatting. In addition, it was decided to meet with 4M to discuss investment security and options. Administrator Jeffery will be inviting a representative of 4M to the next Audit and Finance Committee meeting.</p>	
Advisory	<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 May 15. Minutes will be provided as part of the board packet. The next regular meeting of the CAC will be June 19, with a guest speaker from the Univ of MN discussing forest ecology.</p> <p>The first meeting of the Technical Advisory Panel (TAP) for the EHAP was held on the 18th of May. There was good attendance with all communities except Deephaven represented. Discussion was focused on trying to frame the existing issues and barriers to addressing these issues. The next TAP is scheduled for June 15th.</p>	
Local SWMP	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>	
MN Watersheds (formerly MAWD)	Business and happenings of MN Watersheds	<p>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.</p> <p>Administrator Jeffery was elected Vice Chair of the MAWA State Policy Committee that held their first meeting on March 27th.</p>	

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>Staff Forbes and Staff Nicklay met with Nine Mile Creek WD staff to gain insight on our respective regulatory program outreach approach. The engineer, legal counsel, and administrator met to discuss potential changes to the regulatory program. At this meeting, it was determined that any changes are best suited to after development of the EHAP as this will be the basis for the next iteration of the ten-year plan and the plan components of E&O, capital projects, and regulation need to work in concert to achieve the district goals and objectives. For example, as part of the EHAP process, much consideration is being given to altered hydrology and how other organizations have incorporated tree preservation into their program. 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>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.</p>	<p>The Rice Marsh Aeration Unit was turned off earlier last month. 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 one removal event yielding 70 carp. With the winterkill of Staring and the rec area, both game fish and common carp populations have been significantly reduced. Staff have secured a landscaper to take and compost carp/goldfish for the 2023 season. Staring Lake, Duck Lake, Silver Lake, and Lake Lucy have experienced winterkills this 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 low. To ensure</p>	<p>City of Chanhassen City of Eden Prairie University of Minnesota MN DNR Carver County</p>

	Zebra mussel adult and veliger monitoring.	<p>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="890 212 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>Total</td> <td>1000</td> </tr> </tbody> </table> <p>Staff have begun distributing adopt a dock plate to volunteers and placing plates at public access points to detect adult zebra mussels.</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	Total	1000	
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Cost-Share	Schedule and coordinate site visits. Review applications and recommend implementation. Evaluate program.	The Watershed Stewardship Grant (WSG) program currently has 11 active grant projects. Site visit requests continue with Seth Ristow from Carver SWCD scheduling visits. 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.	Carver Soil & Water Conservation District																
Data Collection	Continue Data Collection at permanent sites. Watershed Outlet Monitoring Program. Identify monitoring sites to assess future project sites. Water Level Sensors	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 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. The METC will be getting back to the district. Staff have been prepping and installing equipment for the 2023 field season. Auto sampling units will begin being installed and the bmp's will be put online this month. A few samples have already been collected however there has been limited rainfall this past month.	Metropolitan Council City of Eden Prairie University of MN City of Chanhassen MN DNR City of Minnetonka Three Rivers Park District																

		<p>All lake level sensors were installed by the beginning of last month. Three River Park District will collect Hyland Lake levels moving forward. Units will be checked, downloaded, and desiccant changed once a month. Staff hired two field interns and have been working with them to conduct regular lake and stream water quality/quantity sampling.</p> <p>The spent lime unit was turned on this month and the material was “fluffed”. The unit will operate M,W,F 8am to 5pm. Multiple samples have already been collected.</p> <p>Peter Weiss of Valiparaiso University contacted the district about intalling montoring equipment and conducting grab samples to see the effectivness of the Lake Susan Park Pond iron enhanced sand filter. Staff will work with Peter to coordinate sampling efforts.</p>	
<p>District Hydrology & Hydraulics Model</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>Education & Outreach</p>	<p>Implement Education & 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 attended the Eden Prairie Animal Open House on May 6th. A collection of macroinvertebrates collected from Purgatory Creek were brought for visitors to view and sort. Staff received 125 saplings from Carver County Soil & Water Conservation District’s annual sale, which were planted in the office gravel beds on May 5th before going home with district residents in the fall.</p> <p>Staff Mahon gave a presentation on Minnesota watersheds to all 5th graders at Prairie View Elementary School on May 10th as a kickoff to an art contest hosted in collaboration with the Eden Prairie Duck Lake Association to coincide with the Duck Lake Bridge opening. 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 7th grade students on June 5th 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 has been contacted by the Friends of Red Rock Lake to schedule an evening to sit down with members and discuss their observations, concerns, and the lake in general. They are looking to meet in the first half of June.</p>	<p>Adopt-a-drain partners: Cities of Eden Prairie, Minnetonka, Bloomington, and Eden Prairie; Hamline University; Nine Mile Creek Watershed District; MPCA; Bolton & Menk Freshwater Society City of Chanhassen City of Minnetonka</p>
<p>Groundwater Conservation</p>	<p>Work with other LGUs to monitor, assess, and identify gaps. Engage with the Technical Advisory Committee to identify potential projects. 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</p>	<p>Metropolitan Council City of Eden Prairie City of Shorewood City of Bloomington City of Minnetonka</p>

		<p>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.</p>	<p>City of Chanhassen</p>
<p>Lake Vegetation Management</p>	<p>Work with the University of Minnesota or Aquatic Plant Biologist, Cities of Chanhassen and Eden Prairie, lake associations, and residents as well as the Minnesota Department of Natural Resources on potential treatments.</p> <p>Implement herbicide treatment as needed.</p> <p>Secure DNR permits and contracts with herbicide applicators.</p> <p>Schedule regularly scheduled point intercept surveys.</p> <p>Work with Three Rivers Park District for Hyland Lake.</p>	<p>Maija Weaver, Graduate Student, with input from Ray Newman, University of Minnesota - Aquatic Plant Progress</p> <p>Report Delineations for Lake Susan and Lake Riley curlyleaf treatments were completed earlier this month, and plans for treatment were finalized. Staring Lake had low curlyleaf pondweed numbers in 2022, so a full delineation was not conducted but scouting of the lake with multiple rake tosses found no watermilfoil and one curlyleaf stem. Lake Susan was our first point-intercept plant survey of the year, and 6 species were found including curlyleaf pondweed. The water clarity was exceptional, with a Secchi depth of 4.4 meters. A concentrated point grid was created for Susan in order to analyze the flumioxazin treatment for effects on curlyleaf and native plants. Susan and Riley will be sampled before and after curlyleaf pondweed treatment. Looking forward, a point-intercept plant survey will be completed this week on Lake Riley and at Staring Lake by the end of the month. They will be sampled again in June and August.</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 were collected on each lake to see herbicide dispersal. Samples were sent to the University of Florida for analysis. This data will be helpful for applicators, the DNR, and the District when applying flumioxazin. A traditional AIS control grant was awarded by the MNDNR for lake Riley.</p>	<p>City of Eden Prairie</p> <p>City of Chanhassen</p> <p>University of Minnesota</p> <p>MN DNR</p>

Staff and consultants completed curly leaf pondweed delineations and treatments. Postcards were sent out prior to treatments. Below is a list of potential/completed treatments pending delineations.

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	

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. Staff Forbes and Staff Maxwell collaborated on a new webpage to inform and keep lake residents and city staff up to date on AIS treatments: <https://rpbcwd.org/AIScontrol>. Postcards to notify adjacent property owners about herbicide treatments to control CLP were mailed the week of May 8th.

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. 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.	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
Repair & Maintenance Fund	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	City of Eden Prairie

		<p>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.</p>	
University of Minnesota	<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>	<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 not accepted.</p>	<p>Stormwater ponds partners: Cities of Bloomington, Chanhassen, Eden 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).</p> <p>The first workshop for the Technical Advisory Panel was held on May 18. Attendees included staff from 6 cities (planning, water resources), BWSR, Carver SWCD, DNR, NRCS, and USFWS. RPBCWD staff, one manager, and two CAC members also participated. Workshop #2 is scheduled for June 15.</p>	
Wetland Conservation Act (WCA)	<p>Administer WCA within the Cities of Shorewood and Deephaven.</p> <p>Represent the District on Technical Evaluation Panel throughout the District.</p>	<p>Late in April, the District received a wetland boundary/type WCA application and delineation from an applicant in Deephaven. After noticing the WCA TEP members, a site meeting was held on May 8 to review the delineation. During the site visit, the TEP and Staff Dickhausen found that two small sections of the delineated boundaries did not fully encompass the existing wetland area. The TEP suggested that the applicant/delineator take more sample transects and adjust the boundary to include these areas. They suggested that the District accept the application upon the revision of these boundaries. The District approved the application after receiving the updated delineation report and boundaries. The Approval and notice of this decision was sent out May 15.</p>	<p>City of Shorewood City of Deephaven City of Chanhassen City of Eden Prairie MCWD BWSR MN DNR A COE</p>

		<p>Staff Dickhausen attended three TEP meetings hosted by the City of Chanhasen on May 10, 11, and 25.</p> <p>At the May 10 meeting, the TEP discussed several applications/projects. The ongoing review of the most recent replacement application for the project adjacent to Arboretum Blvd. The Army Corps of Engineers was present for this. They discussed the April 28 site visit and the application, which had been accepted as a complete application. Discussion focused on parts of the application which still did not provide enough information to approve the replacement plan such as justification for the preferred design and why alternatives would not work. The TEP also discussed asking the applicant to base their replacement plan calculations off District MnRAM functional ratings; this would change several of the wetlands from low value to medium (this project was the focus of discussion on the May 25 meeting).</p> <p>Barr Engineering presented the District's Upper Riley Creek restoration project to the TEP at this meeting. After the presentation, Staff Dickhausen spoke briefly on the delineation of a wetland/ponded area by the Chanhasen Public Works building which is associated to the Upper Riley Creek project. The TEP met on site the next day (May11) to conduct a site review of this delineation.</p> <p>Finally, the TEP briefly discussed the Lake Lucy Ln violation and got everyone up to speed on the status of the stabilization that took place over the winter and discussed the upcoming steps of the restoration work that will be starting in the coming weeks.</p> <p>The May 11 meeting was a site visit to review the wetland boundaries delineated by Staff Dickhausen around the wetland/ponded area on the east side of the Chanhasen Public Works Building. The TEP asked that Staff Dickhausen adjust a couple short sections of the boundary to include slightly more wetland. Overall, the TEP was happy with the boundaries. Staff Dickhausen went back into the field to reshoot the few points and sent those, along with the updated delineation report to the TEP.</p> <p>At the May 25 meeting, the TEP discussed their comments on the replacement plan/project adjacent to Arboretum Blvd (listed above) with the applicant's wetland representative. The applicant and representative are addressing the concerns and, once they send out updates to the replacement plan/application. The City</p>	
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		<p>will send out a NOD for the application. The TEP also briefly discussed the Upper Riley Creek Restoration project and updates surrounding a delineation that has happened at the Lake Lucy Lane violation site. The TEP will soon set up a time to meet onsite to review the delineation of the violation site.</p> <p>The City of Eden Prairie has noticed an application for a boundary determination off Pioneer Trail. The City is planning on having an on-site TEP meeting in early June to review the boundaries. 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>	
Wetland Management	Assess known existing wetlands, identify previously unknown wetlands, identify wetlands for potential restoration/rehabilitation and wetlands requiring additional protection.	<p>Staff Dickhausen has started assessing wetlands. He is carrying out some 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>City of Chanhassen City of Eden Prairie Hennepin County Carver County MN DNR BWSR USFWS</p>
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	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.rpbcd.org/lowsaltnosalt) along with three video shorts on our YouTube channel.	<p>Eleven watershed districts/WMOs Multiple cities MPCA Hennepin County Environmental Services</p>

	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.	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.	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.	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.	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.	
Lake Susan Park Pond	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
Lake Susan Spent Lime	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
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. 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
Rice Marsh Lake Alum Treatment	Continue monitoring of Lake.	Water quality continues to be excellent following the first dose of alum. 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 rain garden 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.	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).	The cooperative agreement is currently being drafted by Smith Partners and will be presented to the City for discussion soon.	City of Chanhassen

	<p>Conduct feasibility. Develop cooperative agreement with the City of Chanhassen. Order project and begin design.</p>	<p>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. The City issued a Notice of Decision on May 30th concurring with the boundary.</p>	
Middle Riley Creek	<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>
St Hubert Water Quality Project	<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 will be working with St Hubert staff and CAC volunteers to plant the two catchment areas in the prairie restoration area. Davey will be onsite the beginning of June to perform maintenance and replace three trees.</p>	<p>CCSWCD Metropolitan Council City of Chanhassen</p>
Purgatory Creek Watershed	Description	Update	Partners
PCRA Berm		<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>City of Eden Prairie MN DNR</p>
Duck Lake Water Quality Project	<p>Work with the City to implement neighborhood BMP. Identify neighborhood BMP to help improve water resources to DuckLake.</p>	<p>No changes</p>	<p>City of Eden Prairie</p>

	Implement neighborhood BMPs.		
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 occur in the fall of 2023.	
Silver Lake Restoration	Order project. Design Project. Work with the City of Chanhasen for design, cooperative agreement, and implementation.	Prairie Restoration will be performing vegetative maintenance including treatment of garlic mustard on the site but outside of the grading area to prevent it from migrating further.	City of Chanhasen
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 Chanhasen
Professional Development			