



APRIL						
S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## RCWD BOARD OF MANAGERS REGULAR MEETING AGENDA

Wednesday, April 12, 2023, 9:00 a.m.

Shoreview City Hall Council Chambers  
4600 North Victoria Street, Shoreview, Minnesota

or via Zoom Meeting:

<https://us06web.zoom.us/j/88946350714?pwd=VW9EUW9KbXY5NVlHbWVlamJrbExaUT09>

Meeting ID: 889 4635 0714

Passcode: 418505

Dial by your location +1 312 626 6799 US (Chicago)

Meeting ID: 889 4635 0714

Passcode: 418505

## Agenda

### CALL TO ORDER

### ROLL CALL

### SETTING OF THE AGENDA

### APPROVAL OF MINUTES: MARCH 22, 2023 REGULAR MEETING

### CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests opportunity for discussion:

#### Table of Contents-Permit Applications Requiring Board Action

No.	Applicant	Location	Plan Type	Recommendation
23-012	City of New Brighton	New Brighton	Final Site Drainage Plan	CAPROC 4 items
23-013	State of Minnesota Department of Administration	Blaine	Final Site Drainage Plan Flood Alteration	CAPROC 7 items

*It was moved by Manager \_\_\_\_\_ and seconded by Manager \_\_\_\_\_, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations, dated April 4, 2023.*

### OPEN MIC/PUBLIC COMMENT

*Any RCWD resident may address the Board in his or her individual capacity, for up to three minutes, on any matter not on the agenda. Speakers are requested to come to the podium, state their name and address for the record. Additional comments may be solicited and accepted in writing. Generally, the Board of Managers will not take official action on items discussed at this time, but may refer the matter to staff for a future report or direct that the matter be scheduled on an upcoming agenda.*

## **ITEMS REQUIRING BOARD ACTION**

1. Anoka County Ditch (ACD) 10-22-32 Petition - Engineer's Report (Tom Schmidt)
2. 2022 RCWD Financial Report - Audit (Nick Tomczik)
3. RCWD Annual Report (Kendra Sommerfeld)
4. US Sitework, Inc. Partial Pay Request #4 Anoka County Ditch (ACD) 53-62 Main Trunk Repair Project (Ashlee Ricci)
5. Check Register Dated April 12, 2023, in the Amount of \$107,276.00 Prepared by Redpath and Company

## **ITEMS FOR DISCUSSION AND INFORMATION**

1. ACD 53-62 Main Trunk Repair Change Order and Project Update (Ashlee Ricci)
2. District Engineer Update and Timeline
3. Administrator Updates
4. Manager's Update



## **APPROVAL OF MINUTES: MARCH 22, 2023 REGULAR MEETING**

# DRAFT

For Consideration of Approval at the April 12, 2023 Board Meeting.  
Use these minutes only for reference until that time.

## REGULAR MEETING OF THE RCWD BOARD OF MANAGERS

Wednesday, March 22, 2023

Shoreview City Hall Council Chambers  
4600 North Victoria Street, Shoreview, Minnesota  
and

Meeting also conducted by alternative means  
(teleconference or video-teleconference) from remote locations

## Minutes

### CALL TO ORDER

President Michael Bradley called the meeting to order, a quorum being present, at 9:00 a.m.

### ROLL CALL

Present: President Michael Bradley, 1<sup>st</sup> Vice-Pres. John Waller, 2<sup>nd</sup> Vice-Pres. Steve Wagamon,  
Treasurer Marcie Weinandt, Secretary Jess Robertson

Absent: None

Staff Present: District Administrator Nick Tomczik, Permit Coordinator/Wetland Specialist Patrick Hughes,  
Lake and Stream Program Manager Matt Kocian, Public Drainage Inspectors Ashlee Ricci  
and Tom Schmidt, and Office Manager Theresa Stasica

Consultants: District Engineer Chris Otterness from Houston Engineering, Inc. (HEI); District Attorney  
Louis Smith (video-conference) from Smith Partners; Attorney John Kolb from Rinke  
Noonan (video conference)

Visitors: Council Member Janet Hegland-City of Columbus, Mayor Jesse Preiner-City of Columbus

### SETTING OF THE AGENDA

*Motion by Manager Weinandt, seconded by Manager Robertson, to approve the agenda as presented.  
Motion carried 5-0.*

### READING OF THE MINUTES AND THEIR APPROVAL

**Minutes of the March 6, 2023 Board Workshop.** Motion by *Manager Wagamon, seconded by Manager Weinandt, to approve the minutes as presented.* Motion carried 5-0.

**Minutes of the March 8, 2023 Board of Managers Regular Meeting.** Motion by *Manager Wagamon, seconded by Manager Weinandt, to approve the minutes as presented.* Motion carried 5-0.

## 36 **CONSENT AGENDA**

37 The following items will be acted upon without discussion in accordance with the staff recommendation and  
38 associated documentation unless a Manager or another interested person requests opportunity for discussion:

### 39 **Table of Contents-Permit Applications Requiring Board Action**

40 No.	Applicant	Location	Plan Type	Recommendation
41 22-109	Mike Straus	Blaine	Final Site Drainage Plan	CAPROC 17 items
42			Public/Private Drainage System	
43			Wetland Alteration	
44			Floodplain Alteration	

45 *It was moved by Manager Wagamon and seconded by Manager Robertson, to approve the consent*  
46 *agenda as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings*  
47 *and Recommendations, dated March 14, 2023. Motion carried 5-0.*

## 48 **OPEN MIC/PUBLIC COMMENT**

49 None.

## 50 **ITEMS REQUIRING BOARD ACTION**

### 51 **1. Anoka County Ditch 10-22-32 Petition**

52 District Administrator Tomczik asked Public Drainage Inspector Schmidt to give an overview of the  
53 petition related to Anoka County Ditch 10-22-32.

54  
55 Public Drainage Inspector Schmidt gave an overview of the petition that has been received to outlet  
56 to the ACD 10-22-32. He noted that this is very similar to the petition that was received a few  
57 months ago for ACD 55 that was located in Lino Lakes where they are asking to add area that is  
58 currently not within the drainage area to accommodate development. Staff is recommending  
59 approval of the resolution that was included in the packet to accept the petition.

60  
61 President Bradley noted that this is a petition to add additional drainage to Branch #3 of ACD 10-22-  
62 32 and is unrelated to the other item that is later on the agenda.

63  
64 Manager Weinandt asked if this was outside of the District.

65  
66 Public Drainage Inspector Schmidt explained that it is within the District, but the area is outside of  
67 the current drainage area.

68  
69 District Engineer Otterness clarified that a large portion of this project already drains into ACD 10-  
70 22-32 and explained that they are proposing to add area on a portion of their property that is  
71 currently going to drainage system ACD 53-62. He stated that for the purposes of their project,  
72 they need to reroute the water into the ACD 10-22-32 system.

73  
74 Manager Waller stated that this is about 4.3 acres.

District Engineer Otterness stated that was correct and this was just a portion of their overall project which is much larger.

President Bradley stated that he wanted to make it clear to the public that the Board was not approving this action, but was just approving that it be studied.

District Engineer Otterness clarified that the Board was accepting the petition for filing and then appointing an engineer.

Manager Robertson stated that she can recall when this project originally came before the City of Blaine. She stated that it came with an EAW and asked if any changes to the drainage within the project impact any of the study results or if this type of request would be allowed within what has already been established.

District Engineer Otterness stated that he does not know what the content of the EAW was, and that it will be important for the petitioner to ensure that what they are petitioning for is consistent with what has been proposed in the past. He stated that he believes that what they are proposing is consistent with a permit application that has already been CAPROC'd by the District.

President Bradley noted that right now this is just directing the review of the petition but noted that if any conditions needed to be included, such as having to build holding ponds, then that may have to be reviewed further.

***Motion by Manager Wagamon, seconded by Manager Waller, to adopt Resolution 2023-05, Findings and Order Accepting Petition and Appointing Engineer.***

THEREFORE the RCWD Board of Managers makes the following:

**ORDER**

- A. The Board of Managers accepts the petition and appoints Houston Engineering, Inc., Chris Otterness, P.E., to investigate the effect of the proposed action under the standards found in section 103E.401 and file a report of findings.
- B. The Engineer is directed to include in its investigation an assessment of the capacity of Branch 3 of ACD 10-22-32 to accommodate drainage discharges from the additional acres and to evaluate the overall impact of the development and proposed stormwater management controls on the portions of public drainage conveyance downstream of the development.

- 114 C. The Engineer is further directed to provide an opinion on outlet charge in light of prior  
115 WMD charges within the ACD 10-22-32 WMD.  
116
- 117 D. Upon receipt and review of engineer's report of findings, the Board authorizes its staff to  
118 set and notice a public hearing on the petitioned action. The hearing may be held in  
119 conjunction with a regular meeting of the Board.  
120
- 121 E. This order is not an approval of the proposed action, nor does it modify the drainage area  
122 or any portion thereof. Subsequent proceedings on the petition will occur consistent with  
123 the requirements of Statutes Section 103E.401.  
124

**ROLL CALL:*****Manager Bradley – Aye******Manager Robertson – Aye******Manager Waller – Aye******Manager Weinandt – Aye******Manager Wagamon – Aye******Motion carried 5-0.*****2. Anoka Washington Judicial Ditch 3 Branch 1, 2 ,4 Bid Package**

133 Public Drainage Inspector Ricci gave an overview of the proposed repair to Anoka Washington JD3,  
134 Branches 1, 2, and 4 and noted that the Board was being asked to make a decision regarding the bid  
135 package for these repairs. She explained that the DNR has provided comments and the District  
136 will need to coordinate with them as well as U.S. Fish and Wildlife to do some additional surveys for  
137 threatened and endangered species. She stated that staff is hoping to present the bids to the  
138 Board in early April.  
139

140  
141 President Bradley asked if they had found something living in the ditch.  
142

143 Public Drainage Inspector Ricci stated that they have not found anything living in the ditch yet. She  
144 explained that as part of the repair report that the District completed in 2018 they have a license to  
145 view the DNRs natural heritage database which lists known occurrences of threatened and  
146 endangered species. She stated that they did note that a few had been identified in the region of  
147 the project. She stated that for some reason Phase 2 was kicked up to a different department at  
148 the DNR so they came back with several additional plant species and birds, so they will need to do  
149 surveys to identify those.  
150

151 District Engineer Otterness clarified that the DNR did indicate that the work the District is doing is  
152 not going to require a permit or further permission from the DNR. He stated that the DNR has  
153 been evolving their process in dealing with the State threatened and endangered species, so they  
154 clarified to the District the current process to follow. He stated that it is unlikely the District will

155 have to do additional field investigation of those species but will need to coordinate with the DNR  
156 regarding timing of when the work will occur.

157  
158 Manager Weinandt asked if, in addition to endangered species, there were any underground  
159 pipelines in the area.

160  
161 District Engineer Otterness stated that there are and they have been indicated in the project plans.  
162 He noted that he did not believe that the pipeline would negatively affect their ability to continue  
163 with the repair.

164  
165 Manager Waller asked about the long eared bat that was mentioned earlier. He noted that he was  
166 not familiar with that being located in the drainage system and asked if it has just been found to be  
167 in the area.

168  
169 District Engineer Otterness stated that there is a new ruling by the Federal Government changing  
170 that bat from a designation of threatened to endangered, and with that there will be additional  
171 criteria and due diligence that will be required of anybody working in an area that may potentially  
172 affect the roosting habitat of the long eared bat. He noted that right now they have identified a  
173 significant portion of the upper Midwest in this area.

174  
175 Manager Waller stated that he understands that these areas will need to be respected, he would  
176 caution that when they begin to proceed with this process that the investigation be kept to the  
177 drainage right-of-way and not focus beyond the area that the District will be working in.

178  
179 ***Motion by Manager Weinandt, seconded by Manager Waller, to acknowledge receipt of the***  
180 ***Anoka-Washington Judicial Ditch 3 Phase 2 repair plans and specifications dated February 2023,***  
181 ***and authorize District staff and Houston Engineering, Inc. to advertise a solicitation of bids for***  
182 ***this project. Motion carried 5-0.***  
183

184 **3. Anoka County Ditch 10-22-32 Consideration of Next Steps**

185 District Administrator Tomczik stated that the Board had discussed ACD 10-22-32 system at recent  
186 workshops. He stated that based on those workshop discussions, he understands the Board is in  
187 a position to consider scheduling a meeting and further explained that he envisions Houston  
188 Engineering presenting and sharing their evaluation of maintenance alternatives and also to hear  
189 any comment, from any party, that had an interest in this ACD 10-22-32 system. He stated that  
190 this would be a public meeting with notice and suggested that it be scheduled for April 26, 2023 in  
191 order to provide adequate time for notice. He stated that the City of Columbus does have  
192 representatives at today's meeting.

193  
194 President Bradley explained that the Board had received comments regarding the maintenance  
195 alternatives report. He stated that the District received a letter from Sunde Engineering on behalf  
196 of Perry Wagamon who has potentially proposed a different ACSIC level and different capacities for

197 pipes under the roadway. He stated that the idea is that the Board wants to hear this information  
198 explained and be allowed to ask questions and respond. He stated that regardless of how this  
199 question is resolved, it seems the Board would be in the position to decide how they want to  
200 proceed.

201  
202 Columbus Council Member Janet Hegland explained that she was the Council appointed Board  
203 liaison to watershed districts. She thanked the Board for their comments and assured them that  
204 they are very interested in being part of the conversation surrounding this issue. She explained  
205 that the City has received numerous complaints about flooding over the years in the area. She  
206 stated that she thinks it is great that they can all try to come together and try to find the best solution  
207 to this issue. She stated that April 26, 2023 will work for Columbus regarding the public discussion.

208  
209 Manager Waller asked if the City of Columbus would provide a presentation and information at the  
210 meeting on April 26, 2023. He explained that he feels the purpose of this meeting is to gather as  
211 much information as possible.

212  
213 Ms. Hegland stated that if the Board desires, they can provide the information that they have. She  
214 stated that she believes that all the different parties have accumulated different data and she thinks  
215 being able to have a forum where everyone can put their information out on the table is a good  
216 idea. She stated that she did not want the Board to assume that the City of Columbus would be  
217 coming to the table with any kind of agenda because they are not.

218  
219 Manager Waller encouraged Ms. Hegland to come to the meeting prepared to give the Board a full  
220 background and history of the situation.

221  
222 Ms. Hegland stated that she believed that the District already had most of their information in their  
223 archives but noted that they will be prepared to come forward with what they have. She noted  
224 that she believed that the watershed of record when the development where Jodrell Street was put  
225 in was the Coon Creek Watershed and she would like to see what information could be gathered  
226 from them as well.

227  
228 District Administrator Tomczik stated that in the determination of the ACSIC on the system, there  
229 were two public comment periods. He explained that the Board had previously directed staff to  
230 complete public data requests of the City of Columbus and Coon Creek Watershed District. This  
231 information was received and reviewed by District Engineer Otterness and had also produced a  
232 memo on those materials.

233  
234 ***Motion by President Bradley, seconded by Manager Waller, to give public notice for April 26,***  
235 ***2023, 9 a.m. regular board meeting to address the HEI Repair Report recommendation as well as***  
236 ***the challenge to that by Sunde Engineer, related to Anoka County Ditch 10-22-32, including a***  
237 ***presentation and participation by the City of Columbus and other public members, as discussed.***

238  
239  
240 ***Motion carried 4-0-1 (Wagamon abstained).***  
241

242 **4. Peterson Companies, Inc. Pay Request #1 Long Lake Fish Barrier**

243 Lake & Stream Program Manager Kocian noted that in some places of the packet this is referred to  
244 as the Long Lake Fish Barrier and in others the Johanna Creek Fish Barrier and explained that they  
245 are truly one in the same. He shared a few photos of the barrier and explained that Peterson  
246 Companies had to do the work through some pretty nasty weather. He noted that there is a 5%  
247 retainage and also some money set aside for site restoration.  
248

249 Manager Wagamon asked if the screens needed to be periodically cleaned due to sediment.  
250

251 Lake & Stream Program Manager Kocian stated that they do not need to be cleaned because of  
252 sediment, but historically, physical fish barriers do have issues with accumulating debris and holding  
253 back water. He stated that the new design has rounded horizontal bars which they have found to  
254 be much better as passing debris. He stated that they will have the check and clean it periodically,  
255 it will be far less frequent than in the past.  
256

257 Manager Weinandt stated that it has been great to see this move from an idea to final completion.  
258 She asked if this would end up being a District facility.  
259

260 District Administrator Tomczik confirmed that this will be a District facility and will become part of  
261 the District's ongoing facilities program.  
262

263 Manager Weinandt noted that she had attended a carp workshop meeting last week and  
264 commended Lake & Stream Program Manager Kocian for doing a great presentation at the  
265 workshop. She asked if this would be an area where fish would be removed from the stream at a  
266 certain point.  
267

268 Lake & Stream Program Manager Kocian stated that the contract with Carp Solutions includes some  
269 time to remove accumulated carp on the downstream side of the barrier. He reminded the Board  
270 that the primary purpose of the barrier is to prevent the carp from accessing spawning wetlands  
271 just upstream of this area.  
272

273 District Administrator Tomczik stated that this will be part of the City/County Partner meeting. He  
274 stated that the Communications and Outreach Coordinator Sommerfeld was also investigating other  
275 things such as signage, and project articles, this is a public location.  
276



*Motion by Manager Weinandt, seconded by Manager Wagamon, to approve partial payment to Peterson Companies for the Johanna Creek Fish Barrier project, in the amount of \$33,012.50. Motion carried 5-0.*

**5. Check Register Dated March 22, 2023, in the Amount of \$216,418.18 Prepared by Redpath and Company**

*Motion by Manager Weinandt, seconded by Manager Robertson, to approve check register dated March 22, 2023, in the Amount of \$216,418.18 as prepared by Redpath and Company. Motion carried 5-0.*

**ITEMS FOR DISCUSSION AND INFORMATION**

**1. Staff Reports**

Manager Weinandt noted that she always finds the staff reports to be fascinating and show how busy the District staff has been.

**2. April Calendar**

**3. Administrator Updates**

District Administrator Tomczik stated that additional cubicles at the office are being investigated. He explained that they are intending to have 4 new cubicles installed in the near future. He stated that he and President Bradley are working to meet with Senator John Marty and noted that they had met with his legislative assistant regarding the I-35 flood mitigation project; also known as RCD 2, 3, 5 project. He explained that hopes for funding for this within the current year may be fading, but they plan to keep up efforts. He stated that HF #2354 has been proposed regarding establishment of a drainage registry information portal and District letters of concern intended to be sent.

**4. Managers Update**

Manager Weinandt stated that one of the most interesting things she learned from the recent carp workshop presentations was related to commercial fisherman. She stated that they are assigned a region and at this time of year they are looking for 25 pound carp which somehow they gather and put in a huge tank and drive them to New York City where they are sold for Passover. She stated that the dynamics with the commercial fishermen showed her another example of the complexity of actions that occur economically, socially, politically, and environmentally on this issue.

**ADJOURNMENT**

*Motion by Manager Wagamon, seconded by Manager Robertson, to adjourn the meeting at 9:53 a.m. Motion carried 5-0.*

## CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests opportunity for discussion:

### Table of Contents-Permit Applications Requiring Board Action

No.	Applicant	Location	Plan Type	Recommendation
23-012	City of New Brighton	New Brighton	Final Site Drainage Plan	CAPROC 4 items
23-013	State of Minnesota Department of Administration	Blaine	Final Site Drainage Plan Flood Alteration	CAPROC 7 items

*It was moved by Manager \_\_\_\_\_ and seconded by Manager \_\_\_\_\_, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations, dated April 4, 2023.*

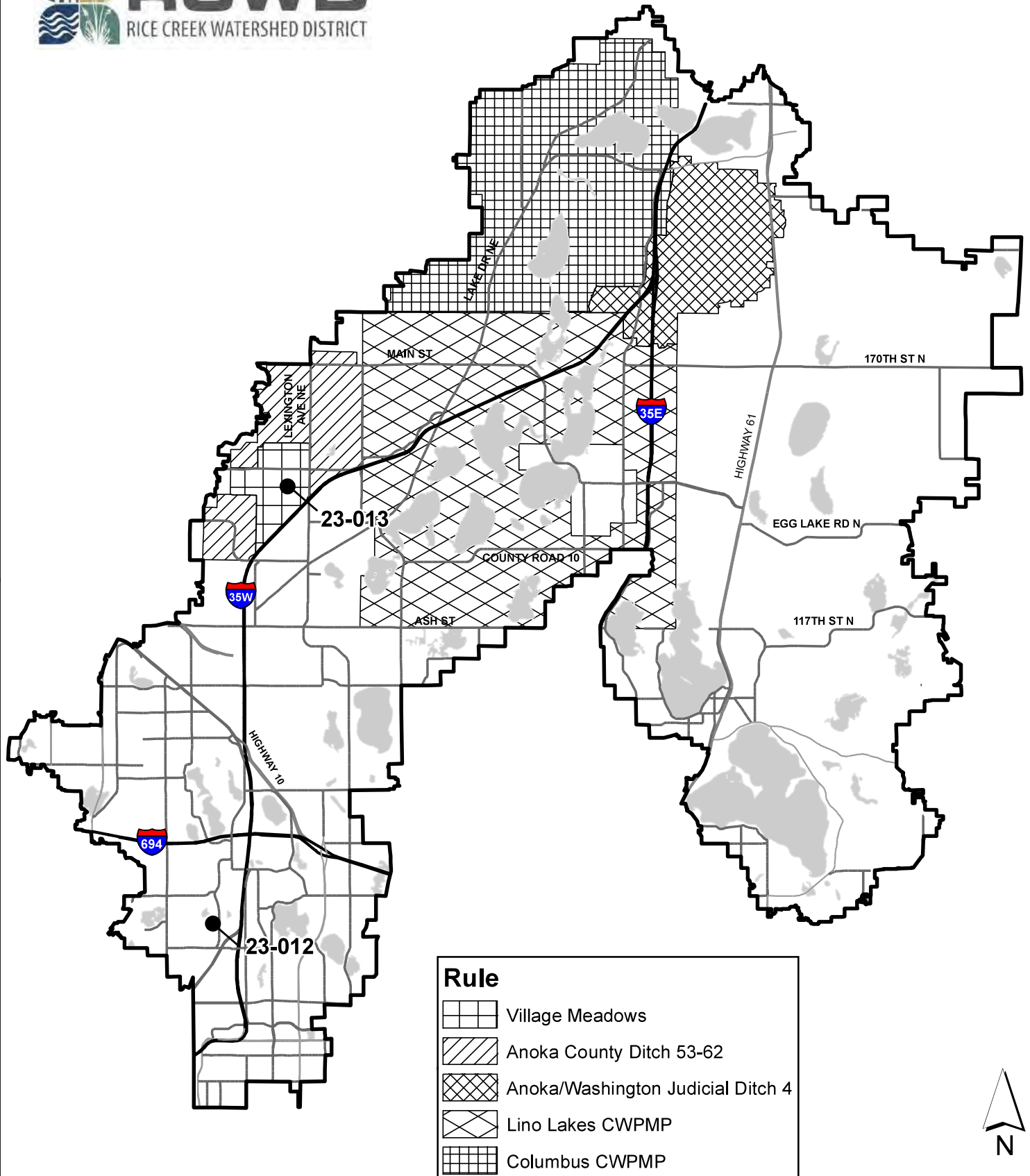
**RICE CREEK WATERSHED DISTRICT  
CONSENT AGENDA**

**April 12, 2023**

It was moved by \_\_\_\_\_ and seconded by \_\_\_\_\_  
\_\_\_\_\_ to Approve, Conditionally Approve Pending Receipt  
Of Changes, or Deny, the Permit Application noted in the following Table of Contents, in  
accordance with the District Engineer's Findings and Recommendations, as contained in  
the Engineer's Findings and Recommendations, as contained in the Engineer's Reports  
dated April 4, 2023.

**TABLE OF CONTENTS**

<b>Permit Application Number</b>	<b><u>Applicant</u></b>	<b>Page</b>	<b>Recommendation</b>
	Permit Location Map	14	
23-012	City of New Brighton	15	CAPROC
23-013	State of Minnesota Department of Administration	21	CAPROC





WORKING DOCUMENT: This Engineer's report is a draft or working document of RCWD staff and does not necessarily reflect action by the RCWD Board of Managers.

Permit Application Number:

23-012

Permit Application Name:

Totem Pole Park

---

Applicant/Landowner:

City of New Brighton  
Attn: Jennifer Fink  
400 10<sup>th</sup> St NW  
New Brighton, MN 55112  
Ph: 652-638-2126  
jennifer.fink@newbrightonmn.gov

Permit Contact:

WSB Associates, Inc.  
Attn: Sarah Loberg  
701 Xenia Avenue South STE 300  
Golden Valley, MN 55416  
sloberg@wsbeng.com

WSB Associates, Inc.  
Attn: Candace Amberg  
701 Xenia Avenue South STE 300  
Golden Valley, MN 55416  
Ph: 763-541-4800  
camberg@wsbeng.com

Project Name: Totem Pole Park

Purpose: FSD – Final Site Drainage; Remove and create parking lot, pickle ball court, basketball court, playground, trails, and ball field improvements

Site Size: 5.05± acre parcel / 3.75 ± acres of disturbed area; existing and proposed impervious areas are 0.778 ± acres and 1.541 ± acres, respectively

Location: 1111 Foss Road, New Brighton

T-R-S: NE ¼ of the SW ¼, Section 32, T30N, R23W

District Rule: C, D

---

Recommendation: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items.

Conditions to be Met Before Permit Issuance:

Rule D – Erosion and Sediment Control

1. Submit the following information per Rule D.4:
  - (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
  - (h) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Administrative

2. Submit the permit application with the signature of the successful bidder to the District.
3. Email one final, signed full-sized pdf of the construction plan set. Include a list of changes that have been made since approval by the RCWD Board. Ensure the datum and the HWL are labeled.
4. A public permittee may meet the perpetual maintenance obligation by executing a programmatic or project-specific maintenance agreement with the District. A draft document should be submitted to the District for consideration prior to execution. (The agreement process requires submittal of the final original signed agreement to the District. If the applicant needs an original of the signed agreement, then two endorsed final agreements should be submitted.)

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, applicant agrees to these stipulations:

1. Provide an as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) to the District for verification of compliance with the approved plans

Exhibits:

1. Plan set containing 11 sheets (found in permit application packet) dated 2-24-2023 and received 3-17-2023.
2. Permit application, dated 2-21-2023 and received 3-17-2023.
3. Permit application packet, dated and received 2-24-2023, containing: Stormwater Calculations, (narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions), geotechnical report (dated 1-21-2022), wetland memorandum (dated 12-16-2021), plan set (dated 2-24-2023).
4. Revised permit application packet, dated 3-16-2023 and received 3-17-2023, containing: Revised Stormwater Calculations, (narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions), duplicate geotechnical report, wetland memorandum and plan set.
5. Review files 14-056R and 22-009R.

Findings:

1. Description – The project proposes to construct improvements including pickleball and basketball courts, a playground, baseball field, parking lot, park building and trails to the existing Totem Pole Park on a 5.05± acre parcel located in New Brighton, MN. The project will increase the impervious area from 0.778± acres to 1.541± acres and disturb 3.75± acres overall. The site drains to an existing connection to RCD 2 Branch 1 and flows into Jones Lake the Resource of Concern (ROC). The applicant is a public entity and therefore is not charged an application fee.
2. Stormwater – The applicant is proposing the BMP as described below for the project:

Proposed BMP Description	Location	Pretreatment	Volume provided	EOF
Biofiltration	Northern Property Line	Sump	7,945± cubic feet	900.5'

Soils on site are primarily clay sands (HSG D) soils. Thus, infiltration is not considered feasible and bio-filtration is acceptable to meet the water quality requirement. Per Rule C.6(c)(1), the Water Quality requirement is 1.69-inches over the new/reconstructed area (55,624± SF) for a total requirement of 7,851± cubic feet.

Adequate pre-treatment has been provided. Drawdown is expected within 48-hours using an appropriate rate of 1-inch per hour. 12-inches of organic material has been provided above the drain tile. The seasonal high water table was not located in the soil borings taken to a depth of 11 feet, which provides adequate separation. The applicant has treated more than 100% of the required impervious area, partially in lieu. Additional TSS removal is not practicable. The applicant has met all the Water Quality requirements of Rule C.6 and the design criteria of Rule C.9(c).

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
1R (north to RCD 2)	7.2	3.0	11.1	7.5	35.0	27.1
80% of existing	5.8		8.9		28.0	
Totals		3.0		7.5		27.1

The project is located within the Flood Management Zone. The applicant has complied with the rate control requirements of Rule C.7.

The applicant has complied with the freeboard requirements of Rule C.9(g).

3. Wetlands – A boundary and type application was submitted on 04-20-2022. The LGU concurred with the delineation report findings that no wetlands are present within the project location. A “no wetlands” boundary determination and no-loss decision was issued on 06-07-2022.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods include silt fence, rock construction entrances, inlet protection and rip rap. The project disturbs more than 1 acre; an NPDES permit is required. The SWPPP is located on plan sheets L.1 to L.3 The information listed under the Rule D – Erosion and Sediment Control section above must be submitted. Otherwise, the project complies with RCWD Rule D requirements. The project is within 1 mile of Jones Lake which is impaired for nutrients.
6. Regional Conveyances – Rule G is not applicable.
7. Public Drainage Systems – Rule I is not applicable. Adjacent to project, but existing connection will not be altered.
8. Documenting Easements and Maintenance Obligations – Applicant must execute an agreement with the RCWD for the maintenance of the stormwater facilities.
9. Previous Permit Information – Wetland information can be found in review file 22-009R.

I assisted in the preparation of this report under the supervision of the District Engineer.

*Rachel Glatt* 04/04/2023

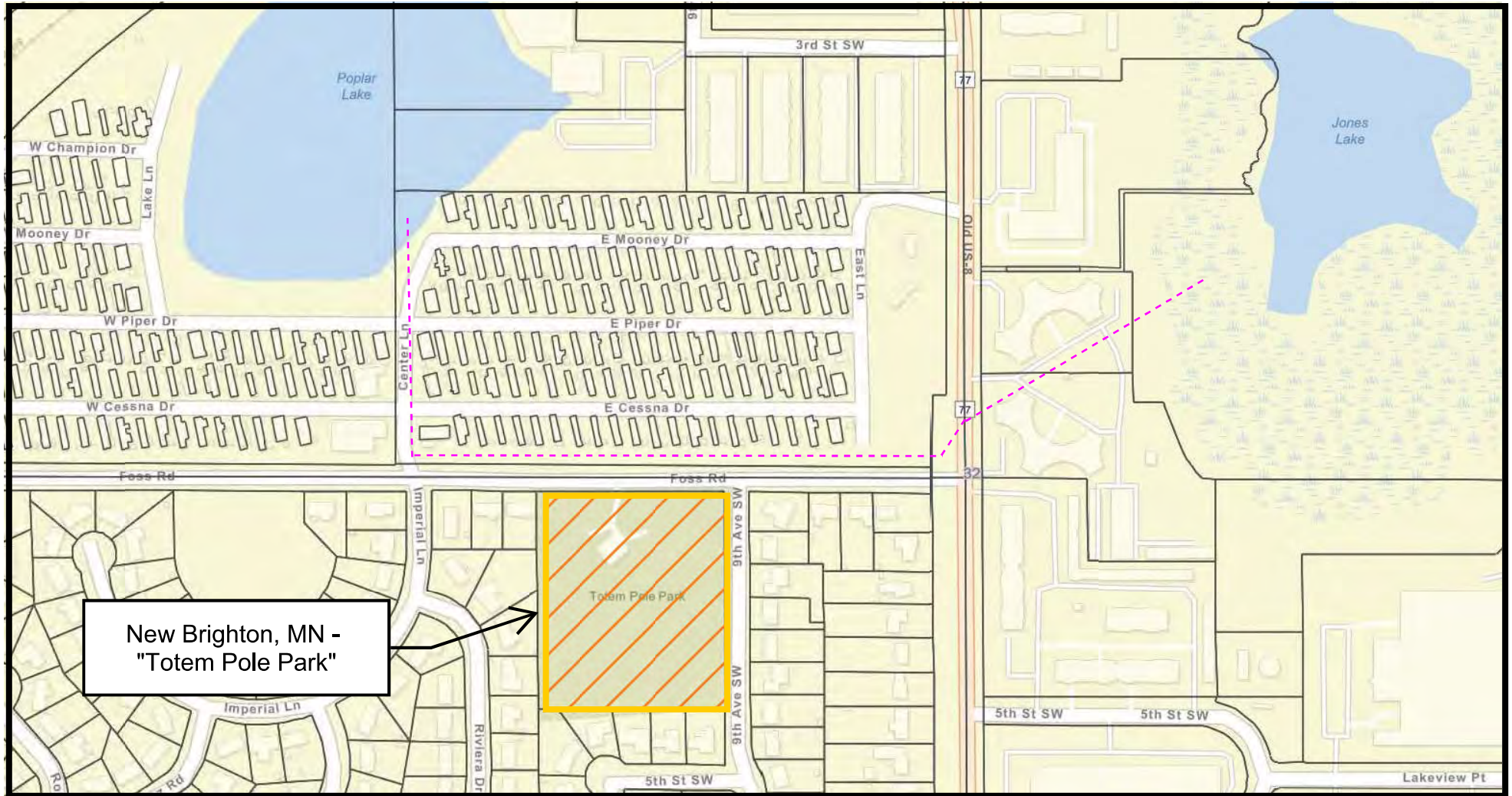
Rachel Glatt, EIT

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

*K. MacDonald* 04/04/2023

Katherine MacDonald, MN Reg. No 44590





## Legend



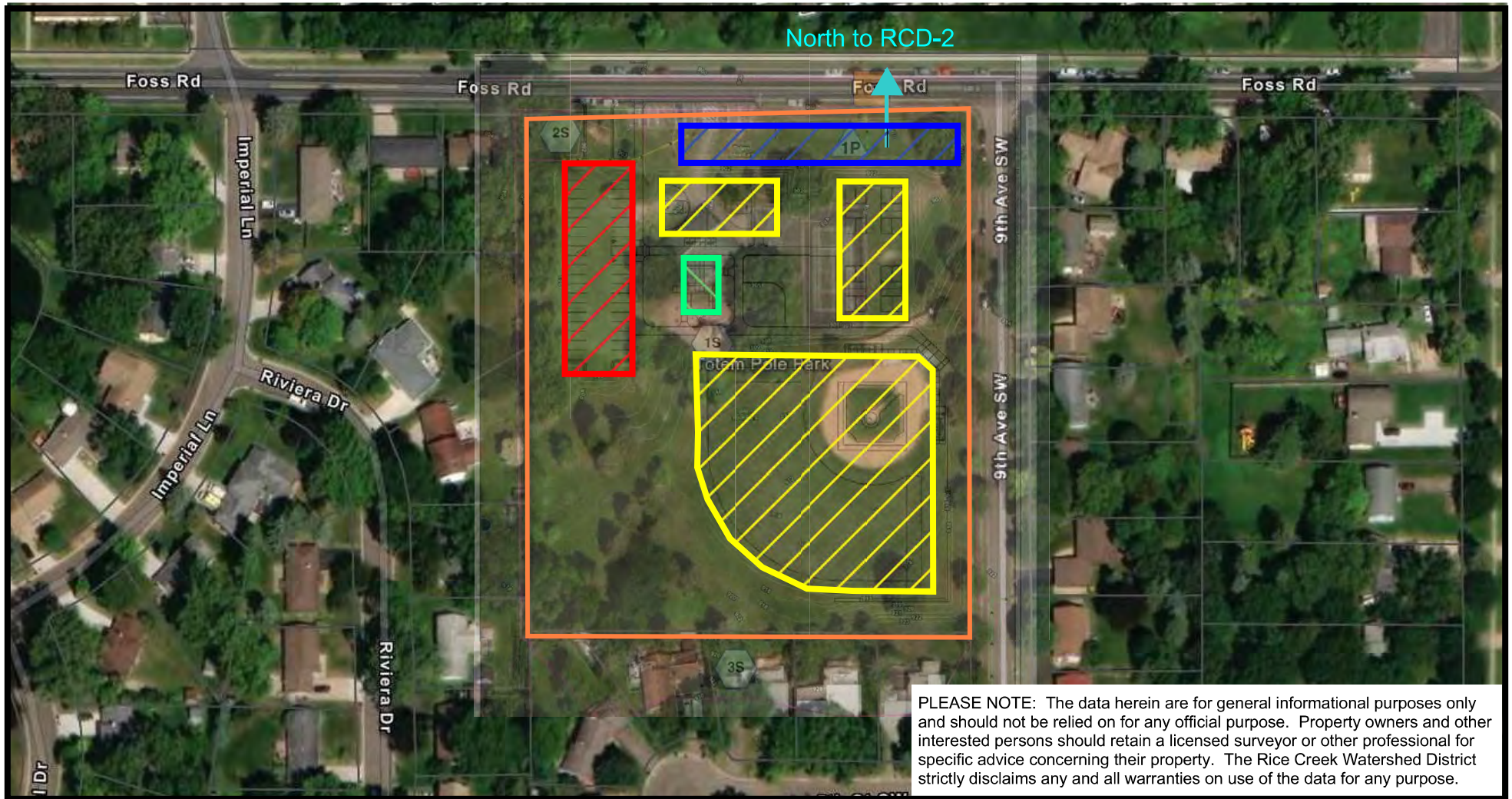
Project Location



Public Ditch - Tile (RCD 2 Branch 1)







## Legend

 Project Location

 Park Building

 Parking Lot

 Biofiltration BMP

 Drainage Arrow

 Courts





WORKING DOCUMENT: This Engineer's report is a draft or working document of RCWD staff and does not necessarily reflect action by the RCWD Board of Managers.

Permit Application Number:

23-013

Permit Application Name:

Minnesota State Emergency Operations Center

---

Applicant/Landowner:

State of Minnesota Department of Administration  
Attn: Wayne Waslaski  
50 Sherburne Ave Suite 200  
St. Paul, MN 55155  
Ph: 651-201-2561  
Fax: 651-215-6245  
Wayne.waslaski@state.mn.us

Permit Contact:

Pierce Pini & Associates  
Attn: Rhonda Pierce  
9298 Central Avenue NE, Suite 312  
Blaine, MN 55434  
Ph: 763-537-1311  
rhonda@piercepini.com

World Architects and Engineers  
Attn: Joel Dunning  
332 Minnesota Street, Suite W2000  
St. Paul, MN 55101  
Ph: 651-227-7773  
jdunning@woldae.com

Project Name: Minnesota State Emergency Operations Center

Purpose: FSD – Final Site Drainage, FA – Floodplain Alteration; New building, parking lot and driveway, utilities and stormwater management for state emergency operations.

Site Size: 21.75± acre parcel / 7.17 ± acres of disturbed area; existing and proposed impervious areas are 0 ± acres and 2.77± acres, respectively.

Location: 3925 Pheasant Ridge Drive NE, Blaine

T-R-S: NE ¼, Section 23, T31N, R23W

District Rule: C, D, E, Village Meadows CWPMP

---

Recommendation: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items.

Conditions to be Met Before Permit Issuance:

Rule C - Stormwater

1. Per Rule C.9(d)(3), stormwater ponds must be designed to provide an outlet structure capable of preventing migration of floating debris and oils for at least the one-year storm. Applicant must label invert of OCS Manhole and ensure adequate depth to install the proprietary skimmer.
2. Applicant must verify that assumed drainage patterns are correct by showing that the 100-year storm will be conveyed into the BMP and not bypass the storm sewer.

Rule D – Erosion and Sediment Control

3. Submit the following information per Rule D.4:
  - (b) Tabulation of the construction implementation schedule.
  - (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
  - (h) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).
  - (i) A Storm Water Pollution Prevention Plan for projects that require an NPDES Permit. Applicant must submit the SWPPP narrative.

Administrative

4. Submit the permit application with the signature of the successful bidder to the District.
5. Email one final, signed full-sized pdf of the construction plan set. Include a list of changes that have been made since approval by the RCWD Board. Ensure the datum is labeled. Also ensure that the erosion control, construction limits and any other relevant impacts are shown from the temporary construction activities.
6. The applicant must pay the remaining Water Management District Charges associated with this parcel. These charges were previously noticed to the landowner. The charges are administered through the County property tax collection process as well as administration of a deferred charge due upon development. The charges are subject to change during the 12-month CAPROC term of this permit application, therefore the applicant must contact the District prior to submitting final payment to verify the amount to be paid to the District.

PID: [#23-31-23-13-0007]  
Amount: [\$159.54 & \$1804.73]  
RCWD Fund: ACD 53-62  
County Fund: Fund # 80-24  
Status: [current and future.]

7. A public permittee may meet the perpetual maintenance obligation by executing a programmatic or project-specific maintenance agreement with the District. A draft document should be submitted to the District for consideration prior to execution. (The agreement process requires submittal of the final original signed agreement to the District. If the applicant needs an original of the signed agreement, then two endorsed final agreements should be submitted.)

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, applicant agrees to these stipulations:

1. Provide an as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) to the District for verification of compliance with the approved plans.
2. Provide an as-built survey and computation of the floodplain fill and mitigation storage areas and volume for verification of compliance with the approved plans.

Exhibits:

1. Resubmitted plan sheets C400, C500, C700, and C801, dated 3-17-2023 and received 3-17-2023.
2. Plan set containing 12 sheets dated 2-24-2023 and received 2-24-2023.

3. Permit application, dated 2-24-2023 and received 2-24-2023.
4. Resubmitted Stormwater Calculations, dated 3-17-2023 and received 3-17-2023, containing narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions, floodplain fill calculations and soil borings.
5. Stormwater Calculations, dated 2-24-2023 and received 3-17-2023, containing narrative, drainage maps, HydroCAD report for the 2-year, 10-year, and 100-year rainfall events for proposed and existing conditions, floodplain fill calculations and soil borings.
6. Memo from Pierce Pini & Associates Inc with responses to insufficient items, dated 3-17-2023 and received 3-17-2023.
7. Review file 16-076R.

#### Findings:

1. Description – The project proposes to construct a new building, parking lot and driveway, utilities and stormwater management for state emergency operations on a 21.75± acre parcel located in Blaine, MN. The project will increase the impervious area from 0± acres to 2.77± acres and disturb 7.17± acres overall. The northern portion of the site is draining to existing wetlands and then into the public drainage system ACD 53-62 Main Trunk. The building and parking lot discharges to a proposed NURP on the southern property line. The southern portion of the site and proposed NURP Pond are discharging to existing ponds on the eastern property line and then through storm sewer to the ACD53-62 Main Trunk, and to Golden Lake the Resource of Concern. The applicant is a public entity and therefore is not charged an application fee.
2. Stormwater – The applicant is proposing the BMP as described below for the project:

Proposed BMP Description	Location	NURP requirement	Volume provided	EOF
NURP Pond	Southwestern property line	38,497* cubic feet	115,260± cubic feet	896.40

\*Calculated based on 2.5-inches x drainage area rather than the runoff from the 2.5-inch event. This is conservative.

Soils on site are primarily sands and silty sands (HSG A & B) soils. The seasonal high ground water elevation is estimated to be at 893.00, which does not allow for a minimum of three feet of separation. Thus, infiltration is not considered feasible and NURP pond design is acceptable to meet the water quality requirement. Per Rule C.6(c)(1), the Water Quality requirement is 2.2-inches over the new/reconstructed area (2.77± acres), however NURP sizing criteria governs.

The pond sizing, and outlets and overflows are consistent with the design criteria of Rule C.9(d). The applicant has treated 99% of the project area. Additional TSS removal is not practicable. Otherwise, the applicant has met all the Water Quality requirements of Rule C.6 and the design criteria of Rule C.9(d).

Point of Discharge	2-year (cfs)		10-year (cfs)		100-year (cfs)	
	Existing	Proposed	Existing	Proposed	Existing	Proposed
North to ACD 53-62	4.8	1.4	21.5	17.4	71.9	58.5
East	2.9	1.4	13.1	11.7	43.8	37.4
Totals	7.7	2.8	34.6	29.1	115.7	95.9

The project is not located within the Flood Management Zone. The applicant has complied with the rate control requirements of Rule C.7.

The applicant has complied with the freeboard requirements of Rule C.9(g).

3. Wetlands –The property is owned by the State of Minnesota and therefore the State is the WCA LGU, consistent with 8420.0200 Subpart 1.C. RCWD is participating in WCA application review as a member of the TEP but will not be the decision maker. The site is within the Village Meadows CWPMP, however, the wetland impacts are regulated under WCA therefore RCWD will not apply Rule F.

Wetlands were delineated under review file 16-076R when the property was owned by the City of Blaine and RCWD was the LGU. An initial boundary decision was issued on 03-08-2017 and an amended decision was issued on 07-27-2017 based on additional survey information. The boundary and type decision is now expired. From TEP discussion, the wetland permit application will be updated to include a new boundary and type request.

The proposed project will permanently impact wetlands and require replacement. A replacement plan and no-loss application was noticed to RCWD on 03-07-2023. An additional no-loss request was provided by the applicant's consultant on 03-22-2023. After TEP review, and updated replacement plan document was submitted on 03-29-2023.

4. Floodplain –The 100-year floodplain elevation is at elevation 897.3 (NAVD 88) and the existing volume below the floodplain is 31,872 cubic yards. The proposed volume below the floodplain is 33,200 cubic yards. The proposed volume excluded up to the 100-year HWL of the pond. The project has a net increase and is therefore compliant with Rule E.
5. Erosion Control – Proposed erosion control methods include silt fence, rock construction entrances, erosion stabilization mats, erosion control blanket, tree protection fencing, inlet protection and rip rap. The project disturbs more than 1 acre; an NPDES permit is required. A partial SWPPP is located on plan sheets C301 and C302. The information listed under the Rule D – Erosion and Sediment Control section above must be submitted. Otherwise, the project complies with RCWD Rule D requirements. Golden Lake is an impaired water, but more than 1 mile downstream.
6. Regional Conveyances – Rule G is not applicable.
7. Public Drainage Systems – Rule I is not applicable. The property is within 200 feet of ACD 53-62, however the right of way does not fall within the property.
8. Documenting Easements and Maintenance Obligations –Applicant must execute an agreement with the RCWD for the maintenance of the stormwater facilities.
9. Previous Permit Information – A wetland delineation of the site was under review file 16-076R.

I assisted in the preparation of this report under the supervision of the District Engineer.



04/04/2023

Belle Reeve, EIT

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.



04/04/2023

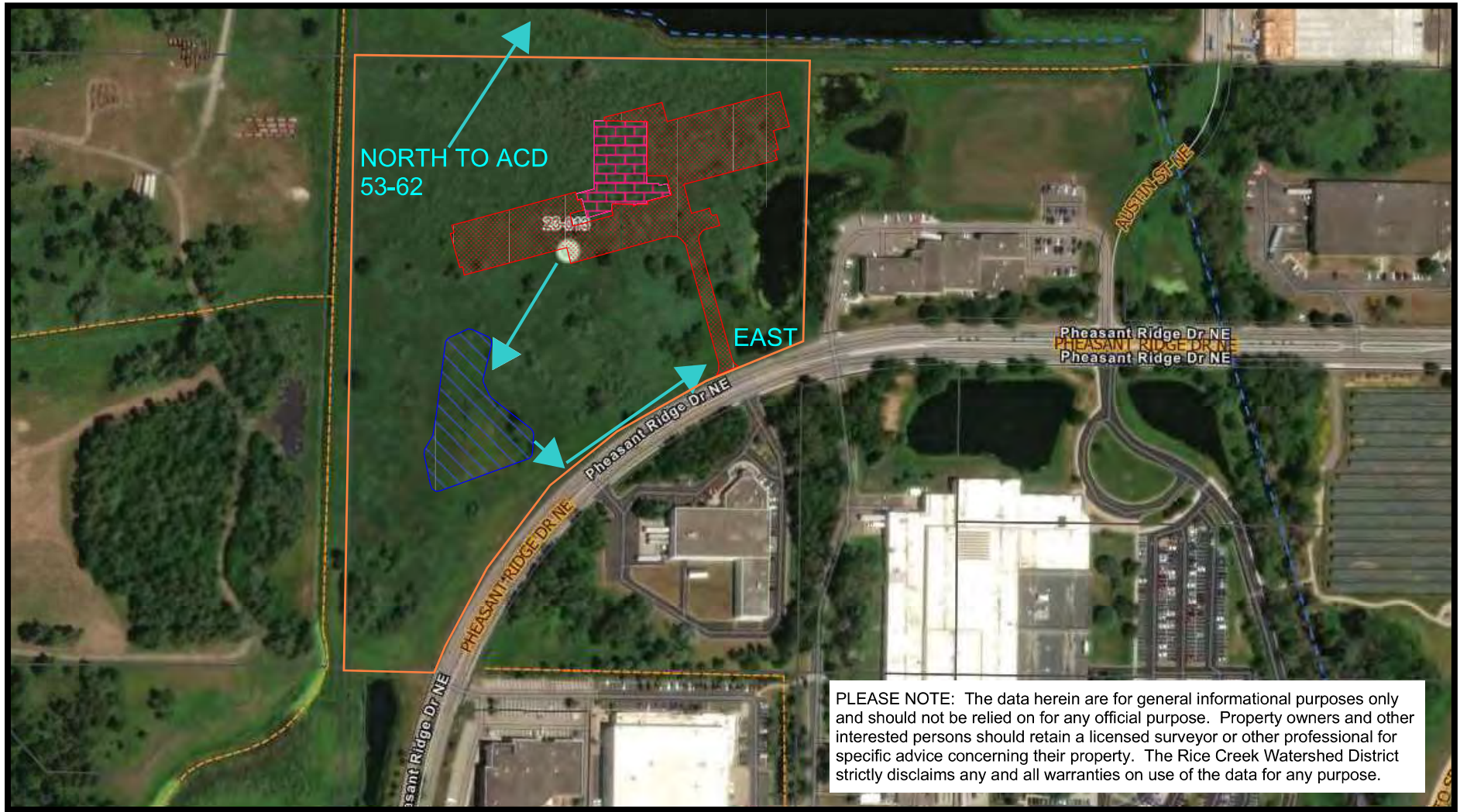
Katherine MacDonald, MN Reg. No 44590









-





PLEASE NOTE: The data herein are for general informational purposes only and should not be relied on for any official purpose. Property owners and other interested persons should retain a licensed surveyor or other professional for specific advice concerning their property. The Rice Creek Watershed District strictly disclaims any and all warranties on use of the data for any purpose.

## Legend

- |  |   |   |
|--|---|---|
|  Project Location |  Paved Surface |  Public Ditch - Open Channel |
|  Private Ditch    |  NURP Pond     |  Proposed Building            |
|  |   |  Drainage Arrow              |





## **ITEMS REQUIRING BOARD ACTION**

1. Anoka County Ditch (ACD) 10-22-32 Petition - Engineer's Report (Tom Schmidt)

# MEMORANDUM

## Rice Creek Watershed District



**Date:** April 5, 2023  
**To:** RCWD Board of Managers  
**From:** Tom Schmidt, Public Drainage Inspector  
**Subject:** Anoka County Ditch 10-22-32 Petition - Accept Engineers' Report and Set Public Hearing

---

### **Introduction**

The Board of Managers of the Rice Creek Watershed District (RCWD), Drainage Authority for Anoka County Ditch 10-22-32 (ACD 10-22-32), has been petitioned to use ACD 10-22-32 as an outlet. The engineer's report has been submitted for Board consideration.

### **Background**

On March 22<sup>nd</sup>, 2023, the Board adopted resolution 2023-05, accepting the petition action of utilizing ACD 10-22-32 as an outlet for residential development directing additional lands to the public drainage system and appointing Houston Engineering Inc. to investigate and file a report of findings. The resolution further authorized staff to schedule and notice a public hearing on the petitioned action.

### **Staff Recommendation**

Staff recommends accepting the engineer's report and scheduling a public hearing for May 10th during the regularly scheduled board meeting.

### **Proposed Motion**

Manager \_\_\_\_\_ moves to accept the engineers report and to direct staff to schedule and notice a public hearing on May 10th, 2023, during the regular board meeting, seconded by Manager \_\_\_\_\_.

### **Attachments**

- HEI technical memorandum of engineers' findings on a Petition for Additional Land to be Routed to ACD 10-22-32.
- Resolution 2023 – 05

# Technical Memorandum

**To:** Nick Tomczik  
District Administrator, RCWD

**Cc:** Tom Schmidt, RCWD Drainage Inspector  
John Kolb, Rinke-Noonan

**From:** Adam Nies, PE CFM

**Through:** Chris Otterness, PE

**Subject:** Petition for Additional Land Routed to  
ACD 10-22-32 "Preserve at Lexington Waters"  
Engineer's Findings

**Date:** April 4, 2023

**HEI Prj #:** 5555-0082.009

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.



4/4/2023

Adam N. Nies, PE  
Reg. No. 53358

Date

## BACKGROUND

On March 22<sup>nd</sup>, 2023, the Rice Creek Watershed District (RCWD) Board of Managers accepted a petition for filing and review, submitted on behalf of landowner Blaine 2022, LLC, for an outlet to Branch 3 of Anoka County Ditch (ACD) 10-22-32 for approximately 4.43 acres of land not currently within the ACD 10-22-32 sub watershed drainage area. The petition is included within **Attachment A**. The purpose of the drainage system modifications is to allow for a development project initiated by the Petitioner. Through the permit review process and permit number #22-015, the petitioner has provided narrative description of the project with associated figures and calculations completed through professional engineering consultant AE2S. The Proposed drainage area map is included within **Attachment B**.

The RCWD Board of Managers appointed Houston Engineering, Inc. (HEI) to investigate the effects of the proposed modification under MS 103E.401 and file a report of findings and provide a recommendation of the applicable watershed management district charge associated with the additional lands. This memorandum documents the engineer's findings.

## UTILITY OF SYSTEM / OUTLET ADEQUACY

In reviewing the utility of the system, we consider whether the petitioned modification will result in a decrease of capacity / outlet function for benefitted landowners within the ACD 10-22-32 public drainage system, and the likelihood of the project to adversely affect the adequacy of the outlet. To



demonstrate no-adverse impact, the applicant must mitigate the effects of runoff from additional lands. The project is routing an additional 4.43± acres to the ACD 10-22-32 public drainage system. To mitigate for this volume increase, the applicant is proposing to provide infiltration practices. The applicant has provided their analysis of the proposed modifications along with the final plans and subsequent calculations and HydroCAD modeling as submitted by AE2S. The submitted documents have been reviewed and are confirmed consistent with the petition. Modeling output show no increase in runoff volume for the 10-year event and lower. In addition, the peak discharge comparison between existing and proposed conditions show a reduction for the 2-year and 10-year peak flows entering ACD 10-22-32 Branch 3 from the project site. The reduction is primarily achieved through infiltration basins. Therefore, the project will not increase peak flow or volume to the public drainage system for rainfall events under a 10-year recurrence and thus will not adversely impact the drainage function for upstream or downstream benefitting landowners. No changes are proposed to ACD 10-22-32 Branch 3. There are no design, construction, or oversight costs to be considered in relation to the public drainage system and ownership and maintenance of the public drainage system will continue to be through the RCWD. The petitioner will maintain the proposed stormwater management system.

## **ENVIRONMENTAL IMPACTS**

The additional drainage area routed to the drainage system does not impact floodplain or runoff rates. The completion of construction activities will need to meet RCWD Rules. At this time, the petitioner has obtained CAPROC approval for a RCWD permit for the project, contingent on the results of the petition.

## **EASEMENTS/MAINTENANCE CORRIDOR**

The RCWD, in its role as drainage authority under MN Statute 103E, requires the petitioners to convey and dedicate easement for the necessary width required to perform public drainage system maintenance. No alterations are proposed to ACD 10-22-32 Branch 3, therefore no additional maintenance corridor is required to be established with this petition as it relates to the Public Drainage System.

## **PERMITS**

The petitioner has applied to the RCWD for approval under Rules C, D, and I for the Preserve at Lexington Waters project and received CAPROC approval at the May 11, 2022 Board Meeting, contingent on the authorization by the drainage authority to use the drainage system as an outlet as petitioned. The project may require approvals from other agencies, as detailed in the Engineer's Report CAPROC.

## **OUTLET FEE**

The Board recognizes that ACD 10-22-32 is within an established Water Management District (WMD) for the purpose of paying drainage system costs. Therefore, the inclusion of 4.43 acres of new lands into the WMD requires establishment of a charge for those new lands had they been included within the original



WMD. The originally established WMD charge incorporated a current and deferred charge dependent on land use and future development. In essence, the new lands draining to ACD 10-22-32 will be required to pay for the establishment/repair of system (current charge) and also the future development (deferred) charge for the additional 4.43 acres. This total combined cost of \$375.28 shall be considered the Outlet Fee for the proposed petitioned outlet and is commensurate with the originally established WMD charges across the watershed incorporating the proposed land use. It equates to approximately \$85 per acre.

The additional 4.43 acres will be subject to any future ACD 10-22-32 WMD charges that would be administered as future projects occur.

## CONCLUSION

Minnesota Statue 103E.401, Subpart 2, requires express authority from the drainage authority having jurisdiction over the drainage system proposed to be used as an outlet. The proposed outlet of additional acreage to ACD 10-22-32 Branch 3 will not impair the utility of the ditch or deprive affected landowners of its benefit. The proposed outlet will not result in an adverse environmental impact. The petitioner has met the requirements of Minnesota Statue 103E.401.

We therefore recommend the RCWD Board of Managers adopt a findings and order to authorize the outlet of additional land to ACD 10-22-32 Branch 3 as indicated in the petition subject to an outlet fee of \$375.28, in addition to any District costs incurred for administering this petition.



## ATTACHMENT A – PETITION



RECEIVED  
MAR 08 2023

Rice Creek  
Watershed District

**STATE OF MINNESOTA**

*Before the*

**Rice Creek Watershed District (RCWD)**

**SITTING AS THE DRAINAGE AUTHORITY FOR**

**ACD 10-22-32**

**In the Matter of:**

**Petition for Authority to Use ACD 10-  
22-32 as an Outlet**

**PETITION**

Pursuant to Minn. Stat. § 103E.401, Petitioners seek authority to use ACD 10-22-32 as an outlet for drainage. For their Petition, the undersigned Petitioners state and allege the following:

**Findings:**

1. Petitioners request express authority from the RCWD acting as the drainage authority for ACD 10-22-32, to use the ACD 10-22-32 as an outlet for a private stormwater discharge installed to benefit the following properties:
  - a. See Preserve at Lexington Waters, ALTA survey and final plat. + 5.20 acres – 0.77 acres = +4.43 acres, see attached exhibit. (Exhibit A – Drainage Pattern – PLW)
2. Petitioners have consulted with AE2S (Justin Klabo), a professional engineer licensed in Minnesota, to evaluate the capacity of ACD 10-22-32 as an outlet for the private drainage system benefitting petitioner's property. A copy of the engineer's report is attached hereto and marked PLW - SWMP.
3. The engineer has concluded that there is capacity in the ACD 10-22-32 for the 4.43 acres proposed to be drained by petitioners' private drainage system to outlet into ACD 10-22-32.

[Note: This template is only a suggestion and is not the format required under Minn. Stat. ch. 103E or Minnesota Law. This template is not a substitute for legal advice. You may want to consult with an attorney regarding customizing this template to a unique individual, entity, or situation.]


4. Petitioners request the drainage authority, concurrent with the proceedings on this petition, determine an outlet charge and future charge basis in a manner consistent with the established Water Management District and Water Management District Charge basis for ACD 10-22-32.
5. The Petitioner will provide 100% funding for design, construction, and oversight costs associated with the outlet as it relates to this proposed development. No funding from RCWD is being requested for this project.

The following language in the petition served as the "terms" of the bond/cash deposit. This is taken directly from state statute.

1. Accompanying this petition, the Petitioner will provide an escrow deposit of \$5,000. Petitioner acknowledges and agrees that additional deposit may be required as additional costs are incurred in the proceedings. Petitioner agrees to pay all costs and expenses that may be incurred if the proceedings are dismissed.
  2. Petitioner acknowledges that the costs incurred before the proposed drainage system modification is established may not exceed the amount in the amount of the Petitioner's deposit.
  3. Petitioner acknowledges that a claim for expenses greater than the amount of the deposit may not be paid unless an additional deposit is filed.
  4. Petitioner acknowledges that if the drainage authority determines that the cost of the proceedings will be greater than the Petitioner's deposit before the proposed drainage system modification is established, the drainage authority must require an additional deposit to cover all costs to be filed within a prescribed time.
  5. Petitioner acknowledges that the proceedings will be stopped until the additional deposit prescribed by the drainage authority is filed.
  6. Petitioner acknowledges that if the additional deposit is not filed within the time prescribed, the proceeding must be dismissed.  
Petitioner acknowledges that the costs of the Rice Creek Watershed District in the proceedings will be paid from the deposit.
6. This petition may be signed in counterparts.

Respectfully submitted this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_ by:



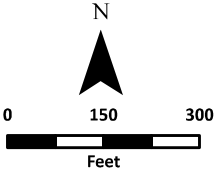
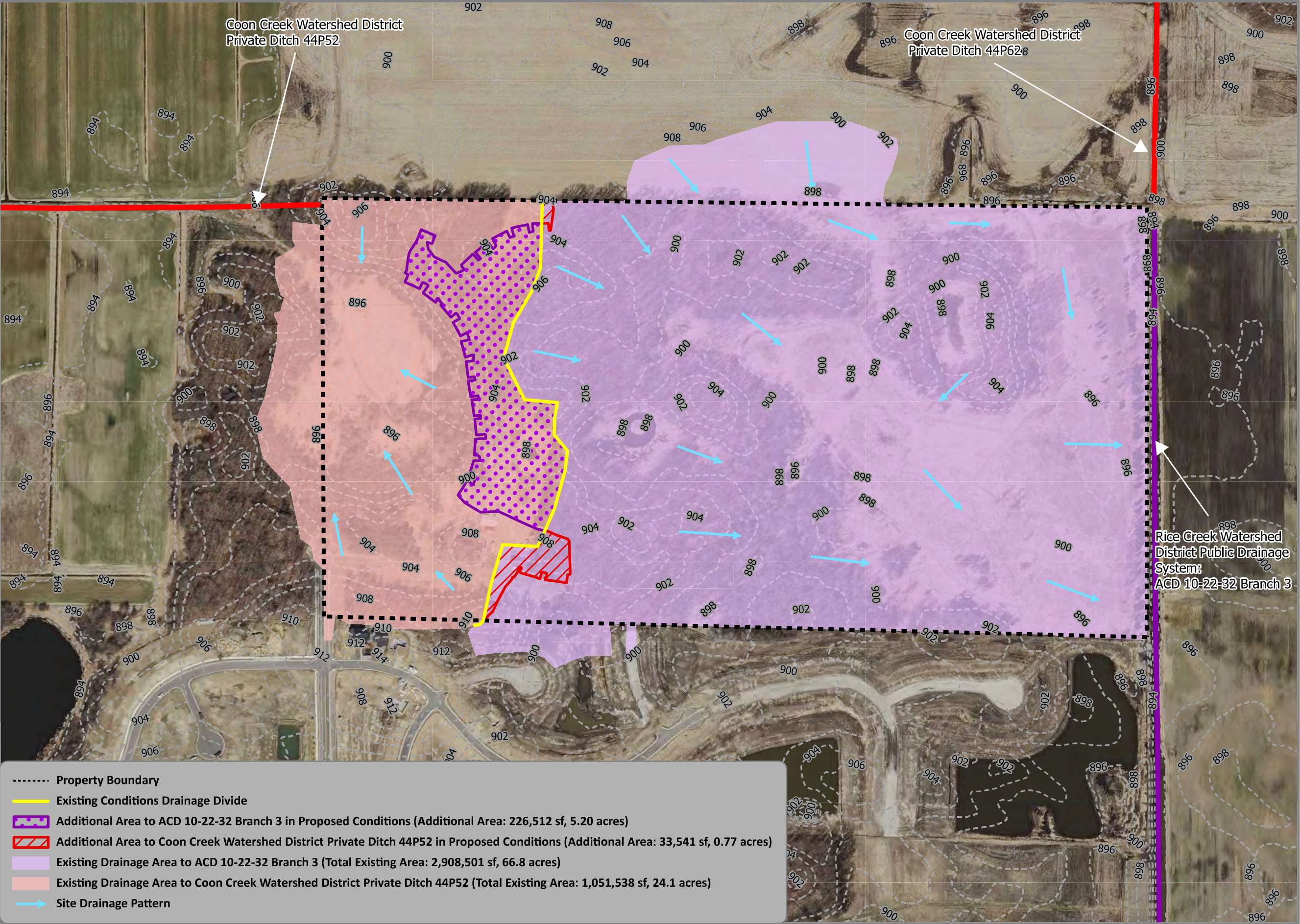
Owner Signature	Property Owned	Mailing Address	Dated
 Nathan Fair, Chief Manager Blaine 2022, LLC	Preserve at Lexington Waters (60.21 acres) 13101 Lever Street NE Blaine, MN 55449	13432 Hanson Blvd Andover, MN 55304	<u>3/6/2023</u>

[Note: This template is only a suggestion and is not the format required under Minn. Stat. ch. 103E or Minnesota Law. This template is not a substitute for legal advice. You may want to consult with an attorney regarding customizing this template to a unique individual, entity, or situation.]

## ATTACHMENT B – SITE DRAINAGE MAP







1 inch equals 300 feet



Locator Map Not to Scale

Blaine  
Anoka County, MN

Exhibit A  
**DRAINAGE  
BOUNDARIES**

1 inch = 300 feet

THE PRESERVE AT  
LEXINGTON WATERS/  
SATHRE-BERGQUIST, INC

Date: 6/13/2022



- Property Boundary
- Existing Conditions Drainage Divide
- Additional Area to ACD 10-22-32 Branch 3 in Proposed Conditions (Additional Area: 226,512 sf, 5.20 acres)
- Additional Area to Coon Creek Watershed District Private Ditch 44P52 in Proposed Conditions (Additional Area: 33,541 sf, 0.77 acres)
- Existing Drainage Area to ACD 10-22-32 Branch 3 (Total Existing Area: 2,908,501 sf, 66.8 acres)
- Existing Drainage Area to Coon Creek Watershed District Private Ditch 44P52 (Total Existing Area: 1,051,538 sf, 24.1 acres)
- Site Drainage Pattern



## RESOLUTION 2023-05

### RICE CREEK WATERSHED DISTRICT BOARD OF MANAGERS AS PUBLIC DRAINAGE AUTHORITY FOR ANOKA COUNTY DITCH 10-22-32

#### FINDINGS AND ORDER ACCEPTING PETITION AND APPOINTING ENGINEER

Manager Wagamon offered the following Resolution and moved its adoption, seconded by Manager Waller:

#### FINDINGS

1. Petitioner/landowner Blaine 2022, LLC, in conjunction with its engineer Justin Klabo of AE2S, has petitioned the Board of Managers of the Rice Creek Watershed District (RCWD), Drainage Authority for Anoka County Ditch (ACD) 10-22-32, for an outlet to Branch 3 of ACD 10-22-32 for approximately 4.43 acres of land not currently within the ACD 10-22-32 sub watershed drainage area.
2. The petition is brought pursuant to Minnesota statutes section 103E.401.
3. The addition of lands outletting to Branch 3 of ACD 10-22-32 is part of a development project initiated by the Petitioner.
4. Compliance with statutes section 103E.401 is required to authorize the outlet of new acres to Branch 3 of ACD 10-22-32.
5. The petition recites the Petitioner's commitment to pay all costs related to the outlet proceedings and provide 100% funding for design, construction, and oversight costs associated modification of the drainage area. The Petitioner does not request any funding from RCWD or other public entities for its project.
6. The Petitioner has provided a \$5,000 escrow deposit to cover costs in the proceedings. The Board finds the escrow deposit sufficient to meet its requirements under statute and policy.
7. The petition was accompanied by sufficient information to evaluate the proposed action. Upon review, the petition appears complete.
8. The Board notes that ACD 10-22-32 is within an established Water Management District (WMD) for the purpose of paying drainage system costs. Given the existence of the ACD 10-22-32 WMD and the prior use of WMD charges to fund major repair of the drainage system, the Board will consider, in determining outlet charges or future maintenance benefits, the potential charges to the 4.43 acres of land not currently within the ACD 10-22-32 sub watershed drainage area had they been included within the original WMD.

Therefore, the RCWD Board of Managers makes the following:

**ORDER**

- A. The Board of Managers accepts the petition and appoints Houston Engineering, Inc., Chris Otterness, P.E., to investigate the effect of the proposed action under the standards found in section 103E.401 and file a report of findings.
- B. The Engineer is directed to include in its investigation an assessment of the capacity of Branch 3 of ACD 10-22-32 to accommodate drainage discharges from the additional acres and to evaluate the overall impact of the development and proposed stormwater management controls on the portions of public drainage conveyance downstream of the development.
- C. The Engineer is further directed to provide an opinion on outlet charge in light of prior WMD charges within the ACD 10-22-32 WMD.
- D. Upon receipt and review of engineer's report of findings, the Board authorizes its staff to set and notice a public hearing on the petitioned action. The hearing may be held in conjunction with a regular meeting of the Board.
- E. This order is not an approval of the proposed action, nor does it modify the drainage area or any portion thereof. Subsequent proceedings on the petition will occur consistent with the requirements of Statutes Section 103E.401.

The question was on the adoption of the Resolution and there were 5 yeas and 0 nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
BRADLEY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ROBERTSON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WAGAMON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WALLER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WEINANDT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the Chair declared the Resolution passed.

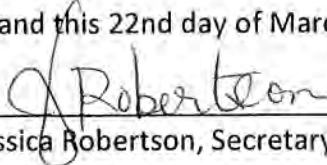
  
\_\_\_\_\_  
Jessica Robertson, Secretary

Dated: March 22, 2023

\* \* \* \* \*

I, Jessica Robertson, Secretary of the Rice Creek Watershed District, do hereby certify that I have compared the above resolutions with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

**IN TESTIMONY WHEREOF**, I hereunto set my hand this 22nd day of March 2023.

  
\_\_\_\_\_  
Jessica Robertson, Secretary

## **ITEMS REQUIRING BOARD ACTION**

2. 2022 RCWD Financial Report - Audit (Nick Tomczik)

# MEMORANDUM

## Rice Creek Watershed District



**Date:** April 5, 2023  
**To:** RCWD Board of Managers  
**From:** Nick Tomczik, Administrator  
**Subject:** 2022 District Financial Reports and Audit

---

### **Introduction**

Watershed districts must annually complete a financial report and audit pursuant to M.S. 103B and 103D.

### **Background**

On March 9, 2023, the District received the 2022 Annual Financial Report and Audit prepared by Redpath and Company, Ltd. (Redpath) for the year ending December 31, 2022. Copies of the report have been sent via email by Redpath to the State Auditor's Office and the Board of Water and Soil Resources.

The Financial Report & Audit concludes with two letters to the District Managers one titled "Report on Internal Control" found on page 63 of the Annual Financial Report and one titled "Minnesota Legal Compliance Report" found on page 65 of the Annual Financial Report.

The Report on Internal Control identified that the auditors did not identify any deficiencies in internal control that they considered to be a material weakness. The Report on Minnesota Legal Compliance states that nothing came to the attention of the auditors that caused them to believe that the RCWD failed to comply with the provisions of the *Minnesota Legal Compliance Audit Guide for Political Subdivisions*.

### **Staff Recommendation**

Staff recommends acceptance and filing of the 2022 Annual Financial Report and Audit.

### **Proposed Motion**

Manager \_\_\_\_\_ moves to accept and authorize the filing of the Rice Creek Watershed District 2022 Annual Financial Report and Audit.

### **Attachments**

2022 Annual Financial Report and Audit



**RICE CREEK WATERSHED DISTRICT**

**ANNUAL FINANCIAL REPORT**

December 31, 2022

- This page intentionally left blank -

**RICE CREEK WATERSHED DISTRICT**  
**TABLE OF CONTENTS**

---

	<u>Ref No.</u>	<u>Page No.</u>
<b>INTRODUCTORY SECTION</b>		
Organization		3
<b>FINANCIAL SECTION</b>		
Independent Auditor's Report		7
Basic Financial Statements:		
Government-Wide Financial Statements:		
Statement of Net Position	Statement 1	12
Statement of Activities	Statement 2	13
Fund Financial Statements:		
Balance Sheet - Governmental Funds	Statement 3	14
Statement of Revenues, Expenditures and Changes in Fund Balance - Governmental Funds	Statement 4	15
Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balances of Governmental Funds	Statement 5	16
Notes to Financial Statements		17
Required Supplementary Information:		
Budgetary Comparison Schedule - General Fund	Statement 6	39
Budgetary Comparison Schedule - 509 Planning Special Revenue Fund	Statement 7	40
Schedule of Proportionate Share of Net Pension Liability - General Employees Retirement Fund	Statement 8	42
Schedule of Pension Contributions - General Employees Retirement Fund	Statement 9	43
Notes to RSI		45
Individual Fund Financial Statements:		
Balance Sheet - General Fund	Statement 10	48
Comparative Statement of Revenues, Expenditures and Changes in Fund Balance - General Fund	Statement 11	49

**RICE CREEK WATERSHED DISTRICT**  
**TABLE OF CONTENTS**

---

	<u>Ref No.</u>	<u>Page No.</u>
<b>SUPPLEMENTARY FINANCIAL INFORMATION</b>		
Schedules of Revenues and Expenditures - Budget and Actual:		
509 Planning Fund:		
Communication & Outreach - 30	Exhibit 1	52
Information Management - 35	Exhibit 2	53
Restoration Projects - 60	Exhibit 3	54
Regulatory - 70	Exhibit 4	55
Ditch and Creek Maintenance - 80	Exhibit 5	56
Lake and Stream Management - 90	Exhibit 6	57
District Facilities - 95	Exhibit 7	58
<b>OTHER INFORMATION - UNAUDITED</b>		
Tax Levy and Revenue by County	Exhibit 8	60
<b>OTHER REQUIRED REPORTS</b>		
Report on Internal Control		63
Minnesota Legal Compliance Report		65

## INTRODUCTORY SECTION

- This page intentionally left blank -

**RICE CREEK WATERSHED DISTRICT**  
**ORGANIZATION**  
 December 31, 2022

	<u>Term Expires</u>
<b>Managers:</b>	
Patricia Preiner - President*	December 13, 2022
Michael J. Bradley - First Vice-President	January 17, 2024
John J. Waller - Second Vice-President	January 17, 2025
Steven P. Wagamon - Treasurer	January 17, 2025
Marcie Weinandt - Secretary	January 17, 2023
<b>Staff:</b>	
Administrator: Nick Tomeczik	
Project Manager: Vacant	
Office Manager: Theresa Stasica	
Lake and Stream Specialist: Matthew Kocian	
Permit Coordinator/Wetland Specialist: Patrick Hughes	
Communication and Outreach Coordinator: Kendra Sommerfeld	
Public Drainage Inspector: Tom Schmidt Ashlee Ricci	
Technician / Water Resource Specialist: Molly Nelson	
Regulatory Technician: Anna Grace	
Permit Review Technician: Kelsey White	
Technician / Inspector: Catherine Nester Terrence Chastan-Davis	
Water Resource Specialist/Inspector: Alissa Chalberg	
Technical Field Assistant: Mitchell Sommers Kaitlyn Hembre	

\*Position vacant as of December 31, 2022

- This page intentionally left blank -



## FINANCIAL SECTION

- This page intentionally left blank -

INDEPENDENT AUDITOR'S REPORT

To the Honorable Managers of  
Rice Creek Watershed District  
Blaine, Minnesota

**Report on the Audit of the Financial Statements**

*Opinions*

We have audited the accompanying financial statements of the governmental activities and each major fund of Rice Creek Watershed District, as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise Rice Creek Watershed District's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of Rice Creek Watershed District, as of December 31, 2022, and the respective changes in financial position, for the year then ended in accordance with accounting principles generally accepted in the United States of America.

*Basis for Opinions*

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Rice Creek Watershed District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

*Report on Summarized Comparative Information*

We have previously audited Rice Creek Watershed District's 2021 financial statements, and we expressed unmodified audit opinions on the respective financial statements of the governmental activities and each major fund in our report dated April 8, 2022. In our opinion, the summarized comparative information presented herein as of and for the year ended December 31, 2021 is consistent, in all material respects, with the audited financial statements from which it has been derived.

### ***Responsibilities of Management for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Rice Creek Watershed District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### ***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Rice Creek Watershed District's internal control. Accordingly, no such opinion is expressed.

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Rice Creek Watershed District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

### ***Change in Accounting Principle***

As described in Note 15 to the financial statements, Rice Creek Watershed District adopted new accounting guidance for the year ended December 31, 2022, Governmental Accounting Standards Board Statement No. 87, *Leases*. Our opinions are not modified with respect to this matter.

### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the budgetary comparison schedules, and the schedules of pension information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Management has omitted the management's discussion and analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board

who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinions on the basic financial statements are not affected by this missing information.

### ***Supplementary Information***

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise Rice Creek Watershed District's basic financial statements. The individual fund financial statements and supplementary financial information are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the individual fund financial statements and the supplementary financial information are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### ***Other Information***

Management is responsible for the other information included in the annual report. The other information comprises the introductory and other information sections but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon. In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

*Redpath and Company, Ltd.*  
REDPATH AND COMPANY, LTD.  
St. Paul, Minnesota

March 9, 2023

## **BASIC FINANCIAL STATEMENTS**

**RICE CREEK WATERSHED DISTRICT**  
**STATEMENT OF NET POSITION**  
December 31, 2022  
With Comparative Totals For December 31, 2021

**Statement 1**

	Primary Government Governmental Activities	
	2022	2021
Assets:		
Cash and investments	\$13,085,081	\$12,393,286
Due from other governments	38,307	264,481
Accounts receivable - net	17,357	28,653
Property taxes receivable:		
Delinquent	76,888	43,153
Due from county	49,858	102,477
Special assessments receivable:		
Deferred	137,772	402,472
Special deferred	193,164	181,815
Delinquent	14,018	21,649
Due from county	5,839	11,940
Prepaid items	64,360	19,588
Leased asset - net	272,601	368,813
Capital assets - net:		
Nondepreciable	1,239,793	1,261,311
Depreciable	890,273	838,860
Total assets	<u>16,085,311</u>	<u>15,938,498</u>
Deferred outflows of resources related to pensions	<u>315,810</u>	<u>364,865</u>
Liabilities:		
Accounts payable	297,929	242,489
Salaries payable	-	2,567
Contracts/retainage payable	2,880	35,894
Due to other governments	80,926	521,542
Deposits payable	2,309,957	1,940,507
Unearned revenue	87,223	258,693
Lease liability:		
Due within one year	96,471	92,096
Due in more than one year	188,559	285,030
Compensated absences payable:		
Due within one year	59,643	46,423
Due in more than one year	13,554	30,368
Net pension liability:		
Due in more than one year	1,005,844	520,995
Total liabilities	<u>4,142,986</u>	<u>3,976,604</u>
Deferred inflows of resources related to pensions	<u>14,935</u>	<u>481,212</u>
Total deferred inflows	<u>14,935</u>	<u>481,212</u>
Net position:		
Net investment in capital assets	2,117,637	2,091,858
Restricted	529,694	733,733
Unrestricted	9,595,869	9,019,956
Total net position	<u>\$12,243,200</u>	<u>\$11,845,547</u>

The accompanying notes are an integral part of these financial statements.



**RICE CREEK WATERSHED DISTRICT**
**STATEMENT OF ACTIVITIES**

For The Year Ended December 31, 2022

With Comparative Totals For The Year Ended December 31, 2021

**Statement 2**

Functions/Programs	Expenses	Program Revenues		Net (Expense) Revenue and Changes in Net Position		
		Charges For Services	Operating Grants and Contributions	Capital Grants and Contributions	Primary Government	
					Totals	
					2022	2021
Primary government:						
Governmental activities:						
General government	\$1,920,192	\$191,268	\$1,430	\$ -	(\$1,727,494)	(\$1,510,123)
Programs	3,803,119	-	291,695	-	(3,511,424)	(3,237,804)
Interest expense on debt	6,704	-	-	-	(6,704)	-
Total governmental activities	<u>\$5,730,015</u>	<u>\$191,268</u>	<u>\$293,125</u>	<u>\$0</u>	<u>(5,245,622)</u>	<u>(4,747,927)</u>
General revenues:						
Property taxes					5,442,997	5,414,106
Grants and contributions not restricted to specific programs					4,416	2,134
Unrestricted investment earnings					182,569	3,475
Miscellaneous other					13,293	20,200
Total general revenues					<u>5,643,275</u>	<u>5,439,915</u>
Change in net position					397,653	691,988
Net position - January 1, as restated					<u>11,845,547</u>	<u>11,153,559</u>
Net position - December 31, as restated					<u>\$12,243,200</u>	<u>\$11,845,547</u>

The accompanying notes are an integral part of these financial statements.

RICE CREEK WATERSHED DISTRICT  
BALANCE SHEET  
GOVERNMENTAL FUNDS  
December 31, 2022  
With Comparative Totals For December 31, 2021

Statement 3

Assets	General Fund	509 Planning Special Revenue Fund	Total Governmental Funds	
			2022	2021
Cash and investments	\$2,714,582	\$10,370,499	\$13,085,081	\$12,393,286
Due from other governments	-	38,307	38,307	264,481
Accounts receivable - net	-	17,357	17,357	28,653
Property taxes receivable:				
Delinquent	6,716	70,172	76,888	43,153
Due from county	4,351	45,507	49,858	102,477
Special assessments receivable:				
Deferred	-	137,772	137,772	402,472
Special deferred	-	193,164	193,164	181,815
Delinquent	-	14,018	14,018	21,649
Due from county	-	5,839	5,839	11,940
Prepaid items	22,237	42,123	64,360	19,588
<b>Total assets</b>	<b>\$2,747,886</b>	<b>\$10,934,758</b>	<b>\$13,682,644</b>	<b>\$13,469,514</b>
Liabilities, Deferred Inflows of Resources, and Fund Balance				
Liabilities:				
Accounts payable	\$135,062	\$162,867	\$297,929	\$242,489
Salaries payable	-	-	-	2,567
Contracts/retainage payable	-	2,880	2,880	35,894
Due to other governments	200	80,726	80,926	521,542
Deposits payable	2,309,957	-	2,309,957	1,940,507
Unearned revenue	-	87,223	87,223	258,693
<b>Total liabilities</b>	<b>2,445,219</b>	<b>333,696</b>	<b>2,778,915</b>	<b>3,001,692</b>
Deferred inflows of resources:				
Unavailable revenue	6,716	415,125	421,841	412,547
Fund balance:				
Nonspendable	22,237	42,123	64,360	19,588
Restricted	-	184,740	184,740	127,797
Committed	-	1,174,725	1,174,725	955,267
Assigned	-	8,784,349	8,784,349	8,747,257
Unassigned	273,714	-	273,714	205,366
<b>Total fund balance</b>	<b>295,951</b>	<b>10,185,937</b>	<b>10,481,888</b>	<b>10,055,275</b>
<b>Total liabilities, deferred inflows of resources, and fund balance</b>	<b>\$2,747,886</b>	<b>\$10,934,758</b>	<b>\$13,682,644</b>	<b>\$13,469,514</b>
Fund balance reported above			\$10,481,888	\$10,055,275
Amounts reported for governmental activities in the Statement of Net Position are different because:				
Capital assets and right to use leased assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.			2,402,667	2,468,984
Deferred outflows of resources related to pensions are not current financial resources and, therefore, are not reported in the funds.			315,810	364,865
Deferred inflows of resources related to pensions are associated with long-term liabilities that are not due and payable in the current period and, therefore, are not reported in the funds.			(14,935)	(481,212)
Long-term liabilities are not due and payable in the current period and, therefore, are not reported in the funds:				
Compensated absences payable			(73,197)	(76,791)
Net pension liability			(1,005,844)	(520,995)
Lease liability			(285,030)	(377,126)
Other long-term assets are not available to pay for current period expenditures and, therefore, are reported as unavailable revenue in the funds.			421,841	412,547
<b>Net position of governmental activities</b>			<b>\$12,243,200</b>	<b>\$11,845,547</b>

The accompanying notes are an integral part of these financial statements.

**RICE CREEK WATERSHED DISTRICT****STATEMENT OF REVENUES, EXPENDITURES AND  
CHANGES IN FUND BALANCE  
GOVERNMENTAL FUNDS****Statement 4**

For The Year Ended December 31, 2022

With Comparative Totals For The Year Ended December 31, 2021

	General Fund	509 Planning Special Revenue Fund	Total Governmental Funds	
			2022	2021
Revenues:				
General property taxes	\$471,979	\$4,937,284	\$5,409,263	\$5,427,802
Special assessments	-	227,687	227,687	275,069
Intergovernmental	125	49,541	49,666	314,370
Permits	-	191,268	191,268	159,725
Investment income	43,893	138,676	182,569	3,475
Miscellaneous	3,693	71,330	75,023	103,551
Total revenues	519,690	5,615,786	6,135,476	6,283,992
Expenditures:				
Current:				
General government	413,263	1,342,268	1,755,531	1,616,381
Programs	-	3,810,978	3,810,978	3,952,958
Capital outlay	-	43,554	43,554	13,875
Debt service				
Principal	18,418	73,678	92,096	87,900
Interest	1,342	5,362	6,704	8,500
Total expenditures	433,023	5,275,840	5,708,863	5,679,614
Revenues over (under) expenditures	86,667	339,946	426,613	604,378
Other financing sources (uses):				
Insurance recovery	-	-	0	32,613
Net change in fund balance	86,667	339,946	426,613	636,991
Fund balance - January 1	209,284	9,845,991	10,055,275	9,418,284
Fund balance - December 31	\$295,951	\$10,185,937	\$10,481,888	\$10,055,275

The accompanying notes are an integral part of these financial statements.

**RICE CREEK WATERSHED DISTRICT****RECONCILIATION OF THE STATEMENT OF REVENUES,  
EXPENDITURES AND CHANGES IN FUND BALANCES OF  
GOVERNMENTAL FUNDS****Statement 5**

For The Year Ended December 31, 2022

With Comparative Totals For The Year Ended December 31, 2021

	2022	2021
Amounts reported for governmental activities in the Statement of Activities (Statement 2) are different because:		
Net changes in fund balances - total governmental funds (Statement 4)	\$426,613	\$636,991
Governmental funds report capital outlays as expenditures. However, in the Statement of Activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation or amortization expense:		
Capital outlay	43,554	13,875
Capitalization of project expenses	82,416	-
Depreciation expense	(74,557)	(82,144)
Amortization expense	(96,212)	(96,212)
The net effect of various miscellaneous transactions involving capital assets is to increase (decrease) net position (i.e. sales, trade-ins, disposals, etc.)	(21,518)	(133)
Revenues in the Statement of Activities that do not provide current financial resources are not reported as revenues in the funds:		
Change in delinquent property taxes	33,734	(13,696)
Change in delinquent and deferred special assessments	(24,440)	94,162
The issuance of long-term debt (e.g. loans payable) provide current resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net position.		
Principal payments on lease liabilities	92,096	87,899
Some expenses reported in the Statement of Activities do not require the use of current financial resources and, therefore, are not reported as expenditures in governmental funds. Expenses reported in the Statement of Activities include the effects of the changes in these expense accruals as follows:		
Change in compensated absences payable	3,594	(106)
Change in accrued interest payable	-	-
Governmental funds report pension contributions as expenditures, however, pension expense is reported in the Statement of Activities. This is the amount by which net pension expense differed from pension contributions in the current period:		
Pension contributions	73,669	
Pension expense (net)	(141,296)	51,352
Change in net position of governmental activities (Statement 2)	<u>\$397,653</u>	<u>\$691,988</u>

The accompanying notes are an integral part of these financial statements.

**Note 1 — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The accounting policies of the Rice Creek Watershed District (the District) conform to accounting principles generally accepted in the United States of America applicable to governmental units. The following is a summary of significant accounting policies.

**A. FINANCIAL REPORTING ENTITY**

The District was organized January 18, 1972 under the Minnesota Watershed Act as amended by the Minnesota Water Resources Board as provided in Minnesota Statutes Chapter 112. The District covers areas within the following four counties: Anoka, Hennepin, Ramsey and Washington. The District is operated by a five member Board of Managers appointed by the respective County Boards of Commissioners for staggered three year terms. In accordance with Governmental Accounting Standards Board (GASB) pronouncements and accounting principles generally accepted in the United States of America, the financial statements of the reporting entity should include the primary government and its component units.

Component units are legally separate entities for which the District (primary government) is financially accountable, or for which the exclusion of the component unit would render the financial statements of the primary government misleading. There are no organizations considered to be component units of the District.

**B. GOVERNMENT-WIDE AND FUND FINANCIAL STATEMENTS**

The government-wide financial statements (i.e., the Statement of Net Position and the Statement of Activities) report information on all of the nonfiduciary activities of the primary government. For the most part, the effect of interfund activity has been removed from these statements. *Governmental activities*, which normally are supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*. There are no *business-type activities*, which rely to a significant extent on fees and charges for services.

The Statement of Activities demonstrates the degree to which the direct expenses of a given function are offset by program revenues. *Direct expenses* are those that are clearly identifiable with a specific function. *Program revenues* include 1) charges to customers or applicants who purchase, use or directly benefit from goods, services or privileges provided by a given function and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function. Taxes and other items not included among program revenues are reported instead as *general revenues*.

Separate financial statements are provided for governmental funds. Major individual governmental funds are reported as separate columns in the fund financial statements.

**C. MEASUREMENT FOCUS, BASIS OF ACCOUNTING AND FINANCIAL STATEMENT PRESENTATION**

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be *available* when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the District considers all revenues, except reimbursement grants, to be available if they are collected within 60 days of the end of the current fiscal period. Reimbursement grants are considered available if they are collected within one year of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, as under accrual accounting.

Property taxes, intergovernmental revenues, and interest associated with the current fiscal period are all considered to be susceptible to accrual and so have been recognized as revenues of the current fiscal period. All other revenue items are considered to be measurable and available only when cash is received by the District.

The District reports the following major governmental funds:

General Fund – is the general operating fund of the District. It is used to account for financial resources to be used for general administrative expenses and for the construction and maintenance of projects of common benefit to the District.

509 Planning Fund (special revenue fund) – has been established to record transactions resulting from the Metropolitan Surface Water Management Act (Chapter 509, Laws of 1982 Minnesota Statutes Section 473.875 to 473.883). Property taxes are committed for the 509 Planning Fund.

As a general rule the effect of interfund activity has been eliminated from the government-wide financial statements. Exceptions to this general rule are transactions that would be treated as revenues, expenditures or expenses if they involved external organizations, such as buying goods and services or payments in lieu of taxes, are similarly treated when they involve other funds of the District. Elimination of these charges would distort the direct costs and program revenues reported for the various functions concerned.

**D. BUDGETS**

The District prepares annual revenue and expenditure budgets for the General Fund and 509 Planning Special Revenue Fund. The District monitors budget performance on the fund basis. All amounts over budget have been approved by the Board through the disbursement approval process. The modified accrual basis of accounting is used by the District for budgeting data. All appropriations end with the fiscal year for which they were made. Encumbrance accounting, under which purchase orders, contracts and other commitments of monies are recorded in order to reserve that portion of the applicable appropriation, is not employed by the District.



**E. CASH AND INVESTMENTS**

Cash and investment balances from all funds are pooled and invested to the extent available in authorized investments. Investment income is allocated to individual funds on the basis of the fund's equity in the cash and investment pool.

Investments are stated at fair value, based upon quoted market prices. Investment income is accrued at the balance sheet date.

**F. PROPERTY TAX REVENUE RECOGNITION**

The Board of Managers annually adopts a tax levy and certifies it to the County in December (levy/assessment date) of each year for collection in the following year. The County is responsible for billing and collecting all property taxes for itself, the District, the local School District and other taxing authorities. Such taxes become a lien on January 1 and are recorded as receivables by the District at that date. Real property taxes are payable (by property owners) on May 15 and October 15 of each calendar year. Personal property taxes are payable by taxpayers on February 28 and June 30 of each year. These taxes are collected by the County and remitted to the District on or before July 7 and December 2 of the same year. Delinquent collections for November and December are received the following January. The District has no ability to enforce payment of property taxes by property owners. The County possesses this authority.

**GOVERNMENT-WIDE FINANCIAL STATEMENTS**

The District recognizes property tax revenue in the period for which the taxes were levied. Uncollectible property taxes are not material and have not been reported.

**GOVERNMENTAL FUND FINANCIAL STATEMENTS**

The District recognizes property tax revenue when it becomes both measurable and available to finance expenditures of the current period. In practice, current and delinquent taxes received by the District in July, December and January are recognized as revenue for the current year. Taxes collected by the County by December 31 (remitted to the District the following January) are classified as due from county. Taxes not collected by the county by December 31 are classified as delinquent taxes receivable. The portion of delinquent taxes not collected by the District in January are fully offset by deferred inflow of resources because they are not available to finance current expenditures.

**G. SPECIAL ASSESSMENT REVENUE RECOGNITION**

Special assessments are levied against benefited properties for the cost or a portion of the cost of special assessment improvement projects in accordance with State Statutes. These assessments are collectible by the District over a term of years usually consistent with the term of the project. Collection of annual installments (including interest) is handled by the County Auditor in the same manner as property taxes. Property owners are allowed to prepay future installments without interest or prepayment penalties.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

---

Once a special assessment roll is adopted, the amount attributed to each parcel is a lien upon that property until full payment is made or the amount is determined to be excessive by the Board or court action. If special assessments are allowed to go delinquent, the property is subject to tax forfeit sale. Proceeds of sales from tax forfeit properties are remitted to the District in payment of delinquent special assessments. Pursuant to State Statutes, a property shall be subject to a tax forfeit sale after three years unless it is homesteaded, agricultural or seasonal recreational land in which event the property is subject to such sale after five years.

GOVERNMENT-WIDE FINANCIAL STATEMENTS

The District generally recognizes special assessment revenue in the period that the assessment roll was adopted by the Board. Uncollectible special assessments are not material and have not been reported.

GOVERNMENTAL FUND FINANCIAL STATEMENTS

Revenue from special assessments is recognized by the District when it becomes measurable and available to finance expenditures of the current fiscal period. In practice, current and delinquent special assessments received by the District are recognized as revenue for the current year. Special assessments that are collected by the County by December 31 (remitted to the District the following January) are also recognized as revenue for the current year. All remaining delinquent, deferred and special deferred assessments receivable in governmental funds are completely offset by deferred inflow of resources.

**H. INVENTORIES**

The original cost of materials and supplies has been recorded as expenditures at the time of purchase. The District does not maintain material amounts of inventories of goods and supplies.

**I. CAPITAL ASSETS**

Capital assets, which include property, plant, equipment, infrastructure assets, and intangible assets such as easements and computer software, are reported in the applicable governmental columns in the government-wide financial statements. Capital assets are defined by the District as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of one year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at acquisition value at the date of donation. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

Equipment	5 - 15 years
Vehicles	5 years
Infrastructure	25 years
Temporary easements	Life of easements



**J. COMPENSATED ABSENCES**

It is the District's policy to permit employees to accumulate earned but unused vacation and sick pay benefits. All vacation and sick pay benefits that are vested as severance pay is accrued when incurred in the government-wide financial statements. A liability for these amounts is reported in the governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

**K. LONG-TERM OBLIGATIONS**

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable governmental activities.

**L. FUND BALANCE CLASSIFICATIONS**

In the fund financial statements, governmental funds report fund balance in classifications that disclose constraints for which amounts in those funds can be spent. These classifications are as follows:

*Nonspendable* - consists of amounts that are not in spendable form, such as prepaid items.

*Restricted* - consists of amounts related to externally imposed constraints established by creditors, grantors or contributors; or constraints imposed by state statutory provisions.

*Committed* - consists of internally imposed constraints. These constraints are established by Resolution of the Board of Managers.

*Assigned* - consists of internally imposed constraints. These constraints reflect the specific purpose for which it is the District's intended use. These constraints are established by the Administrator.

*Unassigned* - is the residual classification for the general fund and also reflects negative residual amounts in other funds.

When both restricted and unrestricted resources are available for use, it is the District's policy to first use restricted, and then use unrestricted resources as they are needed.

When committed, assigned or unassigned resources are available for use, it is the District's policy to use resources in the following order: 1) committed, 2) assigned and 3) unassigned.

**M. INTERFUND TRANSACTIONS**

Interfund services provided and used are accounted for as revenues, expenditures or expenses. Transactions that constitute reimbursements to a fund for expenditures/expenses initially made from it that are properly applicable to another fund, are recorded as expenditures/expenses in the reimbursing fund and as reductions of expenditures/expenses in the fund that is reimbursed. All other interfund transactions are reported as transfers.

**N. USE OF ESTIMATES**

The preparation of financial statements in accordance with generally accepted accounting principles (GAAP) requires management to make estimates that affect amounts reported in the financial statements during the reporting period. Actual results could differ from such estimates.

**O. RECLASSIFICATIONS**

Certain reclassifications were made to prior year amounts to conform to the current year presentation.

**P. PREPAID ITEMS**

Certain payments to vendors (insurance) reflect costs applicable to future accounting periods and are recorded as prepaid items in both government-wide and fund financial statements. Prepaid items are reported using the consumption method and recorded as expenditures/expenses at the time of consumption.

**Q. COMPARATIVE TOTALS**

The basic financial statements, required supplementary information, individual fund financial statements, and supplementary financial information include certain prior-year summarized comparative information in total but not at the level of detail required for a presentation in conformity with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the District's financial statements for the year ended December 31, 2021, from which the summarized information was derived.

**R. DEFERRED OUTFLOWS/INFLOWS OF RESOURCES**

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element represents a consumption of net position that applies to future periods and so will *not* be recognized as an outflow of resources (expense) until then. The government has one item that qualifies for reporting in this category. It is the pension related deferred outflows reported in the government-wide Statement of Net Position.

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to future periods and so will *not* be recognized as an inflow of resources (revenue) until that time. The government has pension related deferred inflows of resources reported in the government-wide Statement of Net Position. The government also has a type of item, which arises only under a modified accrual basis of accounting that qualifies for reporting in this category. Accordingly, the item, unavailable revenue, is reported only in the governmental fund balance sheet. The governmental funds report unavailable revenues from the following sources: property taxes and special assessments.

**S. DEFINED BENEFIT PENSION PLANS**

For purposes of measuring the net pension liability, deferred outflows and inflows of resources, and pension expense, information about the fiduciary net position of the Public Employees Retirement Association (PERA) and additions to and deductions from PERA's fiduciary net position have been determined on the same basis as they are reported by PERA, except that PERA's fiscal year end is June 30. For this purpose, plan contributions are recognized as of employer payroll paid dates and benefit payments and refunds are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

**T. LEASING ARRANGEMENTS**

The entity has recorded right to use leased assets as a result of implementing GASB 87. The right to use assets are initially measured at an amount equal to the initial measurement of the related lease liability plus any lease payments made prior to the lease term, less lease incentives and plus ancillary charges necessary to place the lease into service. The right to use assets are amortized on a straight-line basis over the life of the related lease.

**Note 2 DEPOSITS AND INVESTMENTS**

**A. DEPOSITS**

In accordance with Minnesota Statutes, the District maintains deposits at those depository banks authorized by the Board of Managers. All such banks are members of the Federal Reserve System.

Minnesota Statutes require that all District deposits be protected by insurance, surety bond, or collateral. The market value of collateral pledged must equal 110% of the deposits not covered by insurance or bonds. Securities pledged as collateral are required to be held in safekeeping by the District or in a financial institution other than that furnishing the collateral. Minnesota Statute 118A.03 identifies allowable forms of collateral. The District has no additional deposit policies addressing custodial credit risk.

Custodial Credit Risk – Deposits – this is the risk that in the event of a bank failure, the District's deposits may not be returned to it. At December 31, 2022, the entire bank balance was covered by federal depository insurance or perfected collateral held by the District's agent in the District's name.

**B. INVESTMENTS**

Subject to rating, yield, maturity and issuer requirements as prescribed by statute, Minnesota Statutes 118A.04 and 118A.05 authorize the District to invest in United States securities, state and local securities, commercial paper, time deposits, temporary general obligation bonds, repurchase agreements, Minnesota joint powers investment trust and guaranteed investment contracts.

The District has investments in the Minnesota Municipal Money Market Fund (4M fund). The 4M fund is an external investment pool regulated by Minnesota Statutes and the Board of Directors of the League of Minnesota Cities. The 4M fund is an unrated pool and the fair value of the position in the pool is the same as the value of pool shares. The pool is managed to maintain a portfolio weighted average maturity of no greater than 60 days and seeks to maintain a constant net asset value (NAV) of \$1 per share. The pool measures its investments at amortized cost in accordance with GASB

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

---

Statement No. 79. The 4M Liquid Asset Fund has no redemption requirement. The 4M Plus Fund requires funds to be deposited for a minimum of 14 calendar days. Withdrawals prior to the 14-day restriction period are subject to a penalty equal to 7 days interest on the amount withdrawn.

At December 31, 2022, the amount of investments held in the 4M fund was \$13,419,599. The maximum maturity of 4M fund investments is 14 days.

A summary of the District's cash and investments at December 31, 2022 is as follows:

Deposits	(\$334,518)
Investments	13,419,599
Total cash and investments	<u>\$13,085,081</u>

The deficit deposit balance represents checks which were outstanding at year end. As checks are cashed, amounts are automatically withdrawn from the 4M fund.

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. The hierarchy has three levels. Level 1 investments are valued using inputs that are based on quoted prices in active markets for identical assets. Level 2 investments are valued using inputs that are based on quoted prices for similar assets or inputs that are observable, either directly or indirectly. Level 3 investments are valued using inputs that are unobservable.

Because investments of the 4M fund are measured at amortized cost, its investments are not categorized within the fair value hierarchy described above.

**C. INVESTMENT RISKS**

Credit Risk – this is the risk that an issuer or other counterparty to an investment will be unable to fulfill its obligation to the holder of the investment. The District follows State Statutes in regards to credit risk of investments. The District does not have an investment policy which further limits its investment choices.

Interest Rate Risk – this is the risk that changes in the interest rates of debt investments could adversely affect the fair value of an investment. The District does not have an investment policy which limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Concentration of Credit Risk – this is the risk of loss that may be attributed to the magnitude of the District's investment in a single issuer. The District does not have an investment policy which addresses the concentration of credit risk.

Custodial Credit Risk. For investments in securities, custodial credit risk is the risk that in the event of a failure of the counterparty, the District will not be able to recover the value of its investment securities that is in the possession of an outside party. The District does not have an investment policy which addresses the custodial credit risk of investments.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**Note 3 RECEIVABLES**

Significant receivable balances not expected to be collected within one year of December 31, 2022 are as follows:

	Major Funds		Total
	General	509 Planning Fund	
Deferred special assessments	\$ -	\$27,800	\$27,800
Special deferred special assessments	-	182,000	182,000
Delinquent special assessments	-	6,600	6,600
Delinquent property taxes	5,700	59,600	65,300
Total	<u>\$5,700</u>	<u>\$276,000</u>	<u>\$281,700</u>

**Note 4 UNAVAILABLE REVENUES**

Governmental funds report deferred inflows of resources in connection with receivables for revenues that are not considered to be available to liquidate liabilities of the current period. At the end of the current fiscal year, the various components of unavailable revenue reported in the governmental funds were as follows:

	Property Taxes	Special Assessments	Total
General Fund	\$6,716	\$ -	\$6,716
509 Planning Fund	70,172	344,953	415,125
Totals	<u>\$76,888</u>	<u>\$344,953</u>	<u>\$421,841</u>

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**Note 5 CAPITAL ASSETS**

Capital asset activity for the year ended December 31, 2022 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets, not being depreciated:				
Construction in process - wetland credits	\$442,598	\$ -	(\$21,518)	\$421,080
Land and permanent easements	818,713	-	-	818,713
Total capital assets, not being depreciated	<u>1,261,311</u>	<u>0</u>	<u>(21,518)</u>	<u>1,239,793</u>
Capital assets, being depreciated:				
Vehicles	146,690	43,554	-	190,244
Equipment	392,405	-	-	392,405
Infrastructure	735,355	82,416	-	817,771
Temporary easements	30,000	-	-	30,000
Total capital assets, being depreciated	<u>1,304,450</u>	<u>125,970</u>	<u>0</u>	<u>1,430,420</u>
Less accumulated depreciation for:				
Vehicles	144,309	2,381	-	146,690
Equipment	254,781	40,614	-	295,395
Infrastructure	44,500	31,062	-	75,562
Temporary easements	22,000	500	-	22,500
Total accumulated depreciation	<u>465,590</u>	<u>74,557</u>	<u>0</u>	<u>540,147</u>
Total capital assets being depreciated - net	<u>838,860</u>	<u>51,413</u>	<u>-</u>	<u>890,273</u>
Governmental activities capital assets - net	<u>\$2,100,171</u>	<u>\$51,413</u>	<u>(\$21,518)</u>	<u>\$2,130,066</u>

Depreciation expense was charged to function/programs of the District as follows:

Governmental activities:	
General government	\$ -
Programs	<u>74,557</u>
Total depreciation expense - governmental activities	<u>\$74,557</u>



**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**Note 6 RIGHT TO USE LEASED ASSET**

As discussed in Note 15, the District implemented GASB Statement No. 87 for the year ended December 31, 2022.

	Beginning Balance as restated	Increases	Decreases	Ending Balance
Right to use leased asset:				
Leased office space	\$465,025	\$ -	\$ -	\$465,025
Less accumulated amortization for:				
Leased office space	96,212	96,212	-	192,424
Total right to use leased asset - net	\$368,813	(\$96,212)	\$0	\$272,601

**Note 7 DEFINED BENEFIT PENSION PLANS**

**A. PLAN DESCRIPTION**

The District participates in the following cost-sharing multiple-employer defined benefit pension plan administered by the Public Employees Retirement Association of Minnesota (PERA). PERA's defined benefit pension plans are established and administered in accordance with Minnesota Statutes, Chapters 353 and 356. PERA's defined benefit pension plans are tax qualified plans under Section 401(a) of the Internal Revenue Code.

All full-time and certain part-time employees of the District are covered by the General Employees Retirement Fund (GERF). GERF members belong to the Coordinated Plan. Coordinated Plan members are covered by Social Security.

**B. BENEFITS PROVIDED**

PERA provides retirement, disability, and death benefits. Benefit provisions are established by state statute and can only be modified by the state Legislature. Vested, terminated employees who are entitled to benefits but are not receiving them yet are bound by the provisions in effect at the time they last terminated their public service.

Benefits are based on a member's highest average salary for any five successive years of allowable service, age, and years of credit at termination of service. Two methods are used to compute benefits for PERA's Coordinated members. Members hired prior to July 1, 1989 receive the higher of Method 1 or Method 2 formulas. Only Method 2 is used for members hired after June 30, 1989. Under Method 1, the accrual rate for Coordinated members is 1.2% for each of the first ten years of service and 1.7% for each additional year. Under Method 2, the accrual rate for Coordinated Plan members is 1.7% for all years of service. For members hired prior to July 1, 1989 a full annuity is available when age plus years of service equal 90 and normal retirement age is 65. For members hired on or after July 1, 1989, normal retirement age is the age for unreduced Social Security benefits capped at 66.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

---

Benefit increases are provided to benefit recipients each January. The postretirement increase is equal to 50% of the cost-of-living adjustment (COLA) announced by the SSA, with a minimum increase of at least 1% and a maximum of 1.5%. Recipients that have been receiving the annuity or benefit for at least a full year as of the June 30 before the effective date of the increase will receive the full increase. For recipients receiving the annuity or benefit for at least one month but less than a full year as of the June 30 before the effective date of the increase will receive a reduced prorated increase. For members retiring on January 1, 2024 or later, the increase will be delayed until normal retirement age (age 65 if hired prior to July 1, 1989, or age 66 for individuals hired on or after July 1, 1989). Members retiring under Rule of 90 are exempt from the delay to normal retirement.

**C. CONTRIBUTIONS**

Minnesota Statutes Chapter 353 sets the rates for employer and employee contributions. Contribution rates can only be modified by the state legislature.

Coordinated Plan members were required to contribute 6.5% of their annual covered salary in fiscal year 2022 and the District was required to contribute 7.5% for Coordinated Plan members. The District contributions to the GERP for the year ended December 31, 2022 were \$73,669. The District's contributions were equal to the required contributions as set by state statute.

**D. PENSION COSTS**

At December 31, 2022, the District reported a liability of \$1,005,844 for its proportionate share of GERP's net pension liability. The District's net pension liability reflected a reduction due to the State of Minnesota's contribution of \$16 million. The State of Minnesota is considered a non-employer contributing entity and the state's contribution meets the definition of a special funding situation. The State of Minnesota's proportionate share of the net pension liability associated with the District totaled \$29,551.

The net pension liability was measured as of June 30, 2022, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. The District's proportion of the net pension liability was based on the District's contributions received by PERA during the measurement period for employer payroll paid dates from July 1, 2021 through June 30, 2022, relative to the total employer contributions received from all of PERA's participating employers. The District's proportionate share was .0127% at the end of the measurement period and .0122% for the beginning of the period.

District's proportionate share of the net pension liability	\$1,005,844
State of Minnesota's proportionate share of the net pension liability associated with the District	29,551
Total	<u>\$1,035,395</u>

For the year ended December 31, 2022, the District recognized pension expense of \$141,296 for its proportionate share of the GERP's pension expense. In addition, the District recognized an additional \$4,416 as pension expense (and grant revenue) for its proportionate share of the State of Minnesota's contribution of \$16 million to the GERP.



**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

At December 31, 2022, the District reported its proportionate share of the GERF's deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual economic experience	\$8,402	\$10,764
Changes in actuarial assumptions	227,641	4,171
Net collective difference between projected and actual investment earnings	17,977	-
Changes in proportion	25,718	-
Contributions paid to PERA subsequent to the measurement date	36,072	-
Total	<u>\$315,810</u>	<u>\$14,935</u>

The \$36,072 reported as deferred outflows of resources related to pensions resulting from District contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended December 31, 2023. Other amounts reported as deferred outflows and inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ended December 31,	Pension Expense
2023	98,669
2024	99,957
2025	(24,787)
2026	90,964
2027	-
Thereafter	-

**E. ACTUARIAL ASSUMPTIONS**

The total pension liability in the June 30, 2022 actuarial valuation was determined using an individual entry-age normal actuarial cost method and the following actuarial assumptions:

Inflation	2.25% per year
Investment Rate of Return	6.50%

The long-term investment rate of return is based on a review of inflation and investment return assumptions from a number of national investment consulting firms. The review provided a range of investment return rates deemed to be reasonable by the actuary. An investment return of 6.50% was deemed to be within that range of reasonableness for financial reporting purposes.

Benefit increases after retirement are assumed to be 1.25% for the GERF.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

Salary growth assumptions range in annual increments from 10.25% after one year of service to 3.0% after 27 years of service. Mortality rates were based on the Pub-2010 General Employee Mortality Table, with slight adjustments to fit PERA's experience.

Actuarial assumptions for GERF are reviewed every four years. The most recent four-year experience study was completed in 2019. The assumption changes were adopted by the Board and become effective with the July 1, 2020 actuarial valuation.

The following changes in actuarial assumptions and plan provisions occurred in 2022:

Changes in Actuarial Assumptions:

- The mortality improvement scale was changed from Scale MP-2020 to Scale MP-2021.

The State Board of Investment, which manages the investments of PERA, prepares an analysis of the reasonableness on a regular basis of the long-term expected rate of return using a building-block method in which best-estimate ranges of expected future rates of return are developed for each major asset class. These ranges are combined to produce an expected long-term rate of return by weighting the expected future rates of return by the target asset allocation percentages. The target allocation and best estimates of geometric real rates of return for each major asset class are summarized in the following table:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Domestic equity	33.5%	5.10%
International equity	16.5%	5.30%
Fixed income	25.0%	0.75%
Private markets	25.0%	5.90%
Total	100%	

**F. DISCOUNT RATE**

The discount rate used to measure the total pension liability in 2022 was 6.5%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members and employers will be made at rates set in Minnesota Statutes. Based on these assumptions, the fiduciary net position of the GERF was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

---

**G. PENSION LIABILITY SENSITIVITY**

The following presents the District's proportionate share of the net pension liability, calculated using the discount rate disclosed in the preceding paragraph, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate one percentage point lower or one percentage point higher than the current discount rate:

	<u>1% Decrease in Discount Rate (5.5%)</u>	<u>Discount Rate (6.5%)</u>	<u>1% Increase in Discount Rate (7.5%)</u>
Proportionate share of the GERF net pension liability	\$1,588,784	\$1,005,844	\$527,744

**H. PENSION PLAN FIDUCIARY NET POSITION**

Detailed information about the pension plan's fiduciary net position is available in a separately-issued PERA financial report that includes financial statements and required supplementary information. That report may be obtained at [www.mnpera.org](http://www.mnpera.org).

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**Note 8 FUND BALANCE**

**A. CLASSIFICATIONS**

At December 31, 2022, a summary of the governmental fund balance classifications are as follows:

	General Fund	509 Planning Special Revenue Fund
Nonspendable:		
Prepaid items	\$22,237	\$42,123
Committed for:		
60-15 SW Management C-S	-	864,786
80-15 Hugo Ditch Maintenance	-	58,421
90-01 Water Quality Grant Program	-	251,518
Total Committed Fund Balance:	-	1,174,725
Assigned for:		
60-03 Lower Rice Creek WMP	-	47,343
60-04 Middle Rice Creek WMP	-	23,672
60-06 Bald Eagle Lake WMP	-	23,672
60-08 RCD 2, 3 & 5 WMP	-	534,499
60-11 Regional Water Management	-	28,746
60-24 Southwest Urban Lakes Improvement	-	79,536
60-29 Clear Lake WMP	-	19,420
60-35 Stormwater Master Plan	-	47,343
80-01 Natural Waterway Management	-	9,372
80-02 Ditch Maintenance	-	17,148
80-03 Repair Reports and Studies	-	34,610
80-08 RCD 4 repair	-	56,231
80-21 AWJD 3 Repair	-	44,749
80-23 ACD 15 & AWJD 4 WMD	-	215,554
80-25 ACD 36-62 Repair	-	99,657
90-27 Curly Leaf Pond Management	-	5,842
Communication and outreach	-	165,373
Information management	-	454,005
Regulatory purposes	-	1,178,467
District facilities	-	379,841
Lake and stream management	-	1,927,845
Ditch and creek maintenance	-	897,062
Restoration	-	2,494,362
Total Assigned Fund Balance:	-	8,784,349
Restricted for:		
60-05 Bald Eagle Lake WMD	-	31,789
80-04 ACD 10-22-32 WMD	-	14,124
80-05 ACD 31 WMD	-	(6,926)
80-06 ACD 46 WMD	-	39,710
80-07 RCD 4 WMD	-	(2,346)
80-22 ACD 15 & AWJD 4 WMD	-	18,373
80-24 ACD 53-62 WMD	-	90,016
Total Restricted Fund Balance:	-	184,740
Unassigned	273,714	-
Total	\$295,951	\$10,185,937

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**B. MINIMUM UNASSIGNED FUND BALANCE POLICY**

The District has formally adopted a policy regarding minimum unassigned and assigned fund balances. The most significant revenue source of the District is property taxes. The revenue source is received in two installments during the year – June and December. As such, it is the District's goal to begin each fiscal year with sufficient working capital to fund operations between each semi-annual receipt of property taxes.

The policy establishes a year end targeted unassigned fund balance (General Fund) and assigned fund balance (509 Planning Fund) amount for cash flow timing needs of not less than 40% of the subsequent year's budgeted operating expenditures. At December 31, 2022, the unassigned fund balance of the General Fund was 54% of the subsequent year's budgeted expenditures. The assigned fund balance of the 509 Planning Fund was sufficient to meet policy requirements.

**Note 9 FEDERALLY ASSISTED PROGRAMS - COMPLIANCE AUDITS**

The District receives financial assistance from federal, state and local governmental agencies in the form of grants. The disbursement of funds received under these programs generally requires compliance with terms and conditions specified in the grant agreements and is subject to audit by the grantor agencies. Any disallowed claims resulting from such audits could become a liability of the applicable fund. However, in the opinion of management, any such disallowed claims will not have a material effect on any of the financial statements of the individual fund types included herein or on the overall financial position of the District at December 31, 2022.

**Note 10 COMPENSATED ABSENCES PAYABLE**

Compensated absences activity for the year ended December 31, 2022 was as follows:

	Balance 12/31/2021	Additions	Deletions*	Balance 12/31/2022	Due Within One Year
Compensated absences payable	\$76,791	\$ -	(\$3,594)	\$73,197	\$58,118

\*The change in compensated absences payable is presented as a net change.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

**Note 11 LEASE LIABILITY**

As discussed in Note 15, the District implemented GASB statement No. 87 for the year ended December 31, 2022 and therefore, has recorded a lease liability at the present value of future minimum lease payments. The District has a lease agreement for office space through October 31, 2025. The lease liability is measured at a discount rate of 2% which is the District's incremental borrowing rate. There are no variable payment components.

Beginning Balance as restated	Additions	Deletions	Ending Balance
\$377,126	\$ -	(\$92,096)	\$285,030

The future minimum lease liability and the net present value of the related payments as of December 31, 2022 was as follow:

Year Ending December 31	Principal Payments	Interest Payments	Total
2023	\$96,471	\$4,823	\$101,294
2024	100,994	2,852	103,846
2025	87,565	805	88,370
	<u>\$285,030</u>	<u>\$8,480</u>	<u>\$293,510</u>

**Note 12 RISK MANAGEMENT**

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions and natural disasters.

Workers compensation coverage is provided through a pooled self-insurance program through the League of Minnesota Cities Insurance Trust (LMCIT). The District pays an annual premium to the LMCIT. The District is subject to supplemental assessments if deemed necessary by the LMCIT. The LMCIT reinsures through Workers Compensation Reinsurance Association (WCRA) as required by law. For workers compensation, the District is not subject to a deductible. The District's workers compensation coverage is retrospectively rated. With this type of coverage, final premiums are determined after loss experience is known. The amount of premium adjustment, if any, is considered immaterial and not recorded until received or paid.

Property and casualty insurance coverage is provided through a pooled self-insurance program through the LMCIT. The District pays an annual premium to the LMCIT. The District is subject to supplemental assessments if deemed necessary by the LMCIT. The LMCIT reinsures through commercial companies for claims in excess various amounts. The District retains risk for deductible portions. These deductibles are considered immaterial to the financial statements.

There were no significant reductions in insurance from the previous year or settlements in excess of insurance coverage for any of the past three fiscal years. Any pending claims against the District are expected to be fully covered by the District's insurance.

**RICE CREEK WATERSHED DISTRICT**  
**NOTES TO FINANCIAL STATEMENTS**  
December 31, 2022

---

**Note 13 CONTINGENCIES**

In settlement agreements approved in 2005, the District committed that when development occurs on two tracts then owned by the Metro Shooting Center and Trost, the application of the District's wetland rules will not have the result of affording the owner for the Metro Shooting parcel fewer than 100 contiguous upland acres for development, and the owner of the Trost parcel no fewer than 45 such acres. If additional wetland replacement is required to allow for consolidation of the stated acreage, the District will bear the cost of that replacement. The District is unable at this time to estimate the District expense if and when the liability should arise.

**Note 14 COMMITMENTS**

At December 31, 2022, the District had the following commitment:

	Remaining Commitment
Ramsey County Ditch 4 Project	\$90,569

The District has pledged future special assessment collections on the RCD4 project to pay this commitment.

**Note 15 ADOPTION OF NEW ACCOUNTING STANDARD**

The District implemented GASB statement No. 87 for the year ended December 31, 2022. As a result, a right to use leased asset and lease obligation are reported on the statement of Net Position. Comparative amounts for the year ended December 31, 2021, have been restated as a result of implementation.

Net Position as previously reported - December 31, 2021	\$11,853,860
Net changes as a result of GASB 87 implementation	(8,313)
Net position as restated - January 1, 2022	<u>\$11,845,547</u>

RICE CREEK WATERSHED DISTRICT  
NOTES TO FINANCIAL STATEMENTS  
December 31, 2022

---

**Note 16** RECENTLY ISSUED ACCOUNTING STANDARDS

The Governmental Accounting Standards Boards (GASB) recently approved the following statements which were not implemented for these financial statements:

**Statement No. 94** *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*. The provisions of this Statement are effective for reporting periods beginning after June 15, 2022.

**Statement No. 96** *Subscription-Based Information Technology Arrangements*. The provisions of this Statement are effective for reporting periods beginning after June 15, 2022.

**Statement No. 99** *Omnibus 2022*. The provisions of this Statement contain multiple effective dates, the first being for reporting periods beginning after June 15, 2022.

**Statement No. 100** *Accounting Changes and Error Corrections – an amendment of GASB Statement No. 62*. The provisions of this Statement are effective for reporting periods beginning after June 15, 2023.

The effect these standards may have on future financial statements is not determinable at this time, but it is expected that Statement No. 96 may have a material impact.



**REQUIRED SUPPLEMENTARY INFORMATION**

- This page intentionally left blank -

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**BUDGETARY COMPARISON SCHEDULE - GENERAL FUND**  
For The Year Ended December 31, 2022  
With Comparative Actual Amounts For The Year Ended December 31, 2021

**Statement 6**

	Budgeted Amounts		2022 Actual	Variance with Final Budget - Positive (Negative)	2021 Actual
	Original	Final	Amounts		Amounts
<b>Revenues:</b>					
General property taxes:					
Current and delinquent:					
Ramsey County	\$245,276	\$245,276	\$241,325	(\$3,951)	\$220,648
Anoka County	136,203	136,203	135,823	(380)	122,297
Washington County	91,329	91,329	91,372	43	84,067
Hennepin County	3,466	3,466	3,459	(7)	3,168
Total general property taxes	476,274	476,274	471,979	(4,295)	430,180
Intergovernmental	-	-	125	125	115
Investment income	239	239	43,893	43,654	690
Miscellaneous	-	-	3,693	3,693	1,696
Total revenues	476,513	476,513	519,690	43,177	432,681
<b>Expenditures:</b>					
Current:					
Hydrological engineering	56,000	56,000	42,839	13,161	41,582
Legal	50,000	50,000	44,199	5,801	39,377
Wages	230,838	230,838	232,789	(1,951)	226,515
Manager's per diem	32,500	32,500	30,150	2,350	29,750
Manager's travel and expense	6,000	6,000	8,493	(2,493)	2,687
Publication information and education	15,700	15,700	15,379	321	14,766
Contract services	19,000	19,000	9,418	9,582	5,066
Insurance	6,029	6,029	6,653	(624)	5,635
Office expense	19,886	19,886	10,668	9,218	10,128
Publication information and education	9,400	9,400	3,056	6,344	1,744
Dues and memberships	9,600	9,600	9,619	(19)	9,545
Debt Service:					
Principal	21,560	21,560	18,418	3,142	17,580
Interest	-	-	1,342	(1,342)	1,820
Total expenditures	476,513	476,513	433,023	43,490	406,195
Revenues over (under) expenditures	\$0	\$0	86,667	\$86,667	26,486
Fund balance - January 1			209,284		182,798
Fund balance - December 31			\$295,951		\$209,284

See accompanying notes to the required supplementary information.

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**BUDGETARY COMPARISON SCHEDULE - 509 PLANNING SPECIAL REVENUE FUND**  
For The Year Ended December 31, 2022  
With Comparative Actual Amounts For The Year Ended December 31, 2021

Statement 7  
Page 1 of 2

	Budgeted Amounts		2022 Actual Amounts	Variance with Final Budget - Positive (Negative)	2021 Actual Amounts
	Original	Final			
<b>Revenues:</b>					
General property taxes:					
Current and delinquent:					
Ramsey County	\$2,565,783	\$2,565,783	\$2,524,460	(\$41,323)	\$2,563,377
Anoka County	1,424,795	1,424,795	1,420,815	(3,980)	1,420,791
Washington County	955,380	955,380	955,830	450	976,652
Hennepin County	36,261	36,261	36,179	(82)	36,802
Total general property taxes	4,982,219	4,982,219	4,937,284	(44,935)	4,997,622
Special assessments	235,055	235,055	227,687	(7,368)	275,069
Intergovernmental	46,521	46,521	49,541	3,020	314,255
Permits	150,100	150,100	191,268	41,168	159,725
Investment income	3,852	3,852	138,676	134,824	2,785
Miscellaneous	47,330	47,330	71,330	24,000	101,855
Total revenues	5,465,077	5,465,077	5,615,786	150,709	5,851,311
<b>Expenditures:</b>					
Planning and projects:					
Information management:					
Boundary management program	35,000	35,000	22,459	12,541	23,557
District-wide model	40,000	40,000	30,891	9,109	27,996
Database & viewer maintenance	3,000	3,000	26,845	(23,845)	32,900
District website	7,000	7,000	5,845	1,155	24,448
Communication & outreach:					
Water communication and outreach	11,000	11,000	9,406	1,594	9,977
Master water steward program	19,000	19,000	8,000	11,000	17,866
Outreach partnership	28,000	28,000	20,065	7,935	24,908
Mini-grants program	10,000	10,000	7,262	2,738	7,810
Engineering & technical support	5,000	5,000	3,917	1,083	5,783
Watershed plan maintenance	5,000	5,000	-	5,000	4,365
Restoration projects:					
Anoka Chain of Lakes water management project	100,000	100,000	10,244	89,756	56,084
Lower Rice Creek water management project	200,000	200,000	-	200,000	29,835
Middle Rice Creek water management project	50,000	50,000	-	50,000	2,027
Bald Eagle Lake WMD	33,665	33,665	2,290	31,375	6,038
Bald Eagle Lake water management project	25,000	25,000	-	25,000	10,736
RCD 2, 3 & 5 basic water management project	200,000	200,000	31,820	168,180	10,293
Golden Lake water management project	-	-	-	-	31,767
Regional water management partnership projects	150,000	150,000	49,003	100,997	125
Stormwater management cost share	620,000	620,000	220,413	399,587	569,746
Southwest urban lakes implementation	200,000	200,000	-	200,000	590,388
Clear Lake water quality	25,000	25,000	4,252	20,748	10,884
Stormwater master planning	50,000	50,000	-	50,000	54,309
Municipal CIP early coordination	10,000	10,000	-	10,000	594
Groundwater management & stormwater reuse	15,000	15,000	-	15,000	-
Regulatory:					
Rule revision & permit guidance	20,000	20,000	-	20,000	3,175
Permit review, inspection & coordination	975,500	975,500	751,803	223,697	834,821

See accompanying notes to the required supplementary information.

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**BUDGETARY COMPARISON SCHEDULE - 509 PLANNING SPECIAL REVENUE FUND**  
For The Year Ended December 31, 2022  
With Comparative Actual Amounts For The Year Ended December 31, 2021

**Statement 7**  
**Page 2 of 2**

	Budgeted Amounts		2022 Actual Amounts	Variance with Final Budget - Positive (Negative)	2021 Actual Amounts
Expenditures: (continued)	Original	Final			
Ditch and creek maintenance:					
Hugo ditch maintenance	\$40,000	\$40,000	\$ -	\$40,000	\$201,398
Repair reports & studies	130,000	130,000	91,974	38,026	169,999
Ditches - maintenance	335,000	335,000	285,186	49,814	143,082
Natural waterway management	10,000	10,000	-	10,000	-
ACD 10-22-32 WMD	7,500	7,500	19,908	(12,408)	4,588
ACD 31 WMD	3,291	3,291	-	3,291	138
ACD 46 WMD	10,000	10,000	16,326	(6,326)	1,638
RCD 4 WMD	113,231	113,231	90,877	22,354	273,413
RCD 4 repair	60,000	60,000	-	60,000	-
WJD 2 branch 1/2 repair	15,000	15,000	31,734	(16,734)	-
AWJD 3 repair	65,000	65,000	11,482	53,518	16,557
ACD 15 & AWJD 4	225,000	225,000	2,000	223,000	-
ACD 53-62 WMD	250,740	250,740	60,882	189,858	-
ACD 53-62 repair	167,160	167,160	57,004	110,156	46,813
District facilities:					
Long Lake sediment basin maintenance	400,000	1,433,556	1,310,243	123,313	14,963
Locke Lake sediment basin maintenance	115,000	115,000	2,947	112,053	4,978
District facilities repair	152,500	152,500	91,019	61,481	33,625
Inspection, operation & maintenance	200,000	200,000	51,946	148,054	53,086
Lake and stream management:					
Water quality grant program	346,000	346,000	129,484	216,516	177,995
Surface water monitoring program	210,000	210,000	186,709	23,291	179,984
Common carp management	225,000	225,000	160,689	64,311	226,229
Curly leaf pondweed management	50,000	50,000	6,053	43,947	14,040
Total projects and planning	5,967,587	7,001,143	3,810,978	3,190,165	3,952,958
Capital outlay	42,000	42,000	43,554	(1,554)	13,875
Administrative:					
Employee education	28,850	28,850	7,451	21,399	1,882
Legal fees	13,000	13,000	7,761	5,239	11,712
Staff travel	4,500	4,500	1,781	2,719	1,355
Office expense	373,133	373,133	267,738	105,395	261,298
Payroll taxes	72,691	72,691	62,466	10,225	56,175
Rent	-	-	263	(263)	480
Salaries and wages	1,130,533	1,130,533	994,808	135,725	896,564
Total administrative	1,622,707	1,622,707	1,342,268	280,439	1,229,466
Debt service:					
Principal	86,240	86,240	73,678	12,562	70,320
Interest	-	-	5,362	(5,362)	6,800
Total debt service	86,240	86,240	79,040	7,200	77,120
Total expenditures	7,718,534	8,752,090	5,275,840	3,476,250	5,273,419
Revenues over (under) expenditures	(\$2,253,457)	(\$3,287,013)	339,946	\$3,626,959	577,892
Other financing sources (uses):					
Insurance recovery	-	-	-	-	32,613
Net change in fund balance	(\$2,253,457)	(\$3,287,013)	339,946	\$3,626,959	610,505
Fund balance - January 1			9,845,991		9,235,486
Fund balance - December 31			\$10,185,937		\$9,845,991

See accompanying notes to the required supplementary information.

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**SCHEDULE OF PROPORTIONATE SHARE OF NET PENSION LIABILITY -**  
**GENERAL EMPLOYEES RETIREMENT FUND**  
For The Last Ten Years

**Statement 8**

Measurement Date June 30	Fiscal Year Ending December 31	District's Proportionate (Percentage) of the Net Pension Liability	District's Proportionate Share (Amount) of the Net Pension Liability (a)	State's Proportionate Share (Amount) of the Net Pension Liability Associated with District (b)	District's Proportionate Share of the Net Pension Liability and the State's Proportionate Share of the Net Pension Liability Associated with District (a+b)	Covered Payroll (c)	Proportionate Share of the Net Pension Liability as a Percentage of its Covered Payroll (a+b)/c	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability
2015	2015	0.0115%	\$595,990	\$ -	\$595,990	\$677,008	88.0%	78.2%
2016	2016	0.0116%	941,862	12,247	954,109	719,843	132.5%	68.9%
2017	2017	0.0115%	734,152	9,210	743,362	739,145	100.6%	75.9%
2018	2018	0.0121%	671,258	22,024	693,282	814,170	85.2%	79.5%
2019	2019	0.0119%	657,924	20,499	678,423	844,687	80.3%	80.2%
2020	2020	0.0121%	725,450	22,239	747,689	860,483	86.9%	79.1%
2021	2021	0.0122%	520,995	15,818	536,813	876,721	61.2%	87.0%
2022	2022	0.0127%	1,005,844	29,551	1,035,395	953,338	108.6%	76.7%

The schedule is provided prospectively beginning with the District's fiscal year ended December 31, 2015 and is intended to show a ten year trend. Additional years will be reported as they become available.

See accompanying notes to the required supplementary information.

**RICE CREEK WATERSHED DISTRICT****REQUIRED SUPPLEMENTARY INFORMATION****Statement 9****SCHEDULE OF PENSION CONTRIBUTIONS - GENERAL EMPLOYEES RETIREMENT FUND**

For The Last Ten Years

Fiscal Year Ending December 31	Statutorily Required Contribution (a)	Contributions in Relation to the Statutorily Required Contribution (b)	Contribution Deficiency (Excess) (a-b)	Covered Payroll (c)	Contributions as a Percentage of Covered Payroll (b/c)
2015	\$53,360	\$53,360	\$ -	\$711,468	7.5%
2016	52,836	52,836	-	704,475	7.5%
2017	59,502	59,502	-	793,365	7.5%
2018	62,890	62,890	-	838,543	7.5%
2019	63,344	63,344	-	844,589	7.5%
2020	65,413	65,413	-	872,181	7.5%
2021	67,107	67,107	-	894,765	7.5%
2022	73,669	73,669	-	982,241	7.5%

The schedule is provided prospectively beginning with the District's fiscal year ended December 31, 2015 and is intended to show a ten year trend. Additional years will be reported as they become available.

See accompanying notes to the required supplementary information.



- This page intentionally left blank -

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**NOTES TO RSI**  
December 30, 2022

---

**Note A    LEGAL COMPLIANCE – BUDGETS**

The General Fund and 509 Planning Special Revenue Fund budgets are legally adopted on a basis consistent with accounting principles generally accepted in the United States of America. The legal level of budgetary control is at the fund level for both funds.

**Note B    PENSION INFORMATION**

**PERA – General Employees Retirement Fund**

2022 Changes in Actuarial Assumptions:

- The mortality improvement scale was changed from Scale MP-2020 to Scale MP-2021.

2021 Changes in Actuarial Assumptions:

- The investment return and single discount rates were changed from 7.50% to 6.50% for financial reporting purposes.
- The mortality improvement scale was changed from Scale MP-2019 to Scale MP-2020.

2020 Changes in Actuarial Assumptions:

- The price inflation assumption was decreased from 2.50% to 2.25%.
- The payroll growth assumption was decreased from 3.25% to 3.00%.
- Assumed salary increase rates were decreased 0.25% and assumed rates of retirement were changed resulting in more unreduced (normal) retirements and slightly fewer Rule of 90 and early retirements. Assumed rates of termination and disability were also changed.
- Base mortality tables were changed from RP-2014 tables to Pub-2010 tables, with adjustments.
- The mortality improvement scale was changed from Scale MP-2018 to Scale MP-2019.
- The spouse age difference was changed from two years older for females to one year older.
- The assumed number of married male new retirees electing the 100% Joint & Survivor option changed from 35% to 45%. The assumed number of married female new retirees electing the 100% Joint & Survivor option changed from 15% to 30%. The corresponding number of married new retirees electing the Life annuity option was adjusted accordingly.

2020 Changes in Plan Provisions:

- Augmentation for current privatized members was reduced to 2.0% for the period July 1, 2020 through December 31, 2023 and 0.0% after. Augmentation was eliminated for privatizations occurring after June 30, 2020.

2019 Changes in Actuarial Assumptions:

- The mortality projection scale was changed from MP-2017 to MP-2018.

2019 Changes in the Plan Provisions:

- The employer supplemental contribution was changed prospectively, decreasing from \$31.0 million to \$21.0 million per year. The State's special funding contribution was changed prospectively, requiring \$16.0 million due per year through 2031.

2018 Changes in Actuarial Assumptions:

- The mortality projection scale was changed from MP-2015 to MP-2017.
- The assumed benefit increase was changed from 1.00% per year through 2044 and 2.50% per year thereafter to 1.25% per year.

**RICE CREEK WATERSHED DISTRICT**  
**REQUIRED SUPPLEMENTARY INFORMATION**  
**NOTES TO RSI**  
December 30, 2022

---

**2017 Changes in Actuarial Assumptions:**

- The Combined Service Annuity (CSA) loads were changed from 0.8% for active members and 60% for vested and non-vested deferred members. The revised CSA loads are now 0.0% for active member liability, 15.0% for vested deferred member liability and 3.0% for non-vested deferred member liability.
- The assumed post-retirement benefit increase rate was changed from 1.0% per year for all years to 1.0% per year through 2044 and 2.5% per year thereafter.

**2016 Changes in Actuarial Assumptions:**

- The assumed post-retirement benefit increase rate was changed from 1.0% per year through 2035 and 2.5% per year thereafter to 1.0% per year for all future years.
- The assumed investment return was changed from 7.9% to 7.5%. The single discount rate was changed from 7.9% to 7.5%.
- Other assumptions were changed pursuant to the experience study dated June 30, 2015. The assumed future salary increases, payroll growth, and inflation were decreased by 0.25% to 3.25% for payroll growth and 2.50% for inflation.

## INDIVIDUAL FUND FINANCIAL STATEMENTS

**RICE CREEK WATERSHED DISTRICT****BALANCE SHEET****GENERAL FUND**

December 31, 2022

With Comparative Amounts For December 31, 2021

**Statement 10**

	<u>2022</u>	<u>2021</u>
Assets		
Cash and investments	\$2,714,582	\$2,160,775
Property taxes receivable:		
Delinquent	6,716	3,774
Due from county	4,351	8,122
Prepaid items	<u>22,237</u>	<u>3,918</u>
Total assets	<u>\$2,747,886</u>	<u>\$2,176,589</u>
Liabilities, deferred inflow of resources, and fund balance		
Liabilities:		
Accounts payable	\$135,062	\$22,889
Due to other governments	200	135
Deposits payable	<u>2,309,957</u>	<u>1,940,507</u>
Total liabilities	<u>2,445,219</u>	<u>1,963,531</u>
Deferred inflow of resources:		
Unavailable revenue	<u>6,716</u>	<u>3,774</u>
Fund balance:		
Nonspendable	22,237	3,918
Unassigned	<u>273,714</u>	<u>205,366</u>
Total fund balance	<u>295,951</u>	<u>209,284</u>
Total liabilities, deferred inflow of resources, and fund balance	<u>\$2,747,886</u>	<u>\$2,176,589</u>

**RICE CREEK WATERSHED DISTRICT****COMPARATIVE STATEMENT OF REVENUES, EXPENDITURES AND  
CHANGES IN FUND BALANCE****Statement 11****GENERAL FUND**

For The Year Ended December 31, 2022

With Comparative Amounts For The Year Ended December 31, 2021

	<u>2022</u>	<u>2021</u>
Revenues:		
General property taxes	\$471,979	\$430,180
Intergovernmental	125	115
Investment income	43,893	690
Miscellaneous	<u>3,693</u>	<u>1,696</u>
Total revenues	<u>519,690</u>	<u>432,681</u>
Expenditures:		
General government	<u>433,023</u>	<u>406,195</u>
Revenues over expenditures	86,667	26,486
Fund balance - January 1	<u>209,284</u>	<u>182,798</u>
Fund balance - December 31	<u><u>\$295,951</u></u>	<u><u>\$209,284</u></u>

- This page intentionally left blank -



## **SUPPLEMENTARY FINANCIAL INFORMATION**

**RICE CREEK WATERSHED DISTRICT****SCHEDULE OF REVENUES AND EXPENDITURES -****Exhibit 1****BUDGET AND ACTUAL****509 PLANNING FUND - COMMUNICATION & OUTREACH - 30****For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021**

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts				
	Original	Final	Actual		
Revenues:					
General property taxes	\$232,919	\$232,919	\$230,819	(\$2,100)	\$227,067
Intergovernmental	-	-	61	61	61
Investment income	120	120	4,524	4,404	77
Miscellaneous income	-	-	-	-	300
Total revenues	233,039	233,039	235,404	2,365	227,505
Expenditures:					
General government:					
Administration	151,259	151,259	123,456	27,803	128,655
Programs:					
Watershed communication & outreach	11,000	11,000	9,406	1,594	9,977
Master water steward program	19,000	19,000	8,000	11,000	17,866
Outreach partnership	28,000	28,000	20,065	7,935	24,908
Mini-grants program	10,000	10,000	7,262	2,738	7,810
Engineering & technical support	5,000	5,000	3,917	1,083	5,783
Watershed plan maintenance	5,000	5,000	-	5,000	4,365
Debt Service:					
Principal	10,780	10,780	9,210	1,570	8,790
Interest	-	-	670	(670)	850
Total expenditures	240,039	240,039	181,986	58,053	209,004
Revenues over expenditures	(\$7,000)	(\$7,000)	53,418	\$60,418	18,501
Fund balance - January 1			154,078		135,577
Fund balance - December 31			\$207,496		\$154,078

**RICE CREEK WATERSHED DISTRICT**  
**SCHEDULE OF REVENUES AND EXPENDITURES -**  
**BUDGET AND ACTUAL**

**Exhibit 2**

**509 PLANNING FUND - INFORMATION MANAGEMENT - 35**

**For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021**

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts				
	Original	Final	Actual		
Revenues:					
General property taxes	\$222,503	\$222,503	\$220,496	(\$2,007)	\$259,316
Intergovernmental	-	-	58	58	9,304
Investment income	125	125	5,100	4,975	94
Total revenues	222,628	222,628	225,654	3,026	268,714
Expenditures:					
General government:					
Administration	159,238	159,238	97,383	61,855	75,213
Programs:					
Boundary management program	35,000	35,000	22,459	12,541	23,557
District-wide model	40,000	40,000	30,891	9,109	27,996
Database & viewer maintenance	3,000	3,000	26,845	(23,845)	32,900
District website	7,000	7,000	5,845	1,155	24,448
Debt Service:					
Principal	5,390	5,390	4,605	785	4,395
Interest	-	-	335	(335)	425
Total expenditures	249,628	249,628	188,363	61,265	188,934
Revenues over expenditures	(\$27,000)	(\$27,000)	37,291	\$64,291	79,780
Fund balance - January 1			416,714		336,934
Fund balance - December 31			\$454,005		\$416,714

**RICE CREEK WATERSHED DISTRICT**  
**SCHEDULE OF REVENUES AND EXPENDITURES -**  
**BUDGET AND ACTUAL**  
**509 PLANNING FUND - RESTORATION PROJECTS - 60**  
**For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021**

**Exhibit 3**

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts				
	Original	Final	Actual		
Revenues:					
General property taxes	\$992,411	\$992,411	\$983,461	(\$8,950)	\$1,444,329
Special assessments	-	-	-	-	891
Intergovernmental	46,521	46,521	40,537	(5,984)	288,753
Investment income	957	957	43,609	42,652	866
Total revenues	1,039,889	1,039,889	1,067,607	27,718	1,734,839
Expenditures:					
General government:					
Administration	217,110	217,110	183,246	33,864	182,451
Programs:					
Anoka Chain of Lakes water management project	100,000	100,000	10,244	89,756	56,084
Lower Rice Creek water management project	200,000	200,000	-	200,000	29,835
Middle Rice Creek water management project	50,000	50,000	-	50,000	2,027
Bald Eagle Lake WMD	33,665	33,665	2,290	31,375	6,038
Bald Eagle Lake water management project	25,000	25,000	-	25,000	10,736
RCD 2, 3 & 5 basic water management project	200,000	200,000	31,820	168,180	10,293
Golden Lake water management project	-	-	-	-	31,767
Regional water management partnership projects	150,000	150,000	49,003	100,997	125
Stormwater management cost share	620,000	620,000	220,413	399,587	569,746
Southwest urban lakes implementation	200,000	200,000	-	200,000	590,388
Clear Lake water quality	25,000	25,000	4,252	20,748	10,884
Stormwater master planning	50,000	50,000	-	50,000	54,309
Municipal CIP early coordination	10,000	10,000	-	10,000	594
Groundwater management & stormwater reuse	15,000	15,000	-	15,000	-
Capital outlay	12,000	12,000	12,555	(555)	-
Debt Service:					
Principal	10,780	10,780	9,210	1,570	8,790
Interest	-	-	670	(670)	850
Total expenditures	1,918,555	1,918,555	523,703	1,394,852	1,564,917
Revenues over (under) expenditures	(\$878,666)	(\$878,666)	543,904	\$1,422,570	169,922
Fund balance - January 1			3,651,264		3,481,342
Fund balance - December 31			\$4,195,168		\$3,651,264

**RICE CREEK WATERSHED DISTRICT**  
**SCHEDULE OF REVENUES AND EXPENDITURES -**  
**BUDGET AND ACTUAL**

**Exhibit 4**

509 PLANNING FUND - REGULATORY - 70

For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts		Actual		
	Original	Final			
Revenues:					
General property taxes	\$1,229,725	\$1,229,725	\$1,218,635	(\$11,090)	\$1,268,975
Intergovernmental	-	-	8,223	8,223	6,873
Investment income	745	745	27,950	27,205	521
Licenses and permits	150,100	150,100	191,268	41,168	159,725
Miscellaneous	-	-	13,636	13,636	-
Total revenues	1,380,570	1,380,570	1,459,712	79,142	1,436,094
Expenditures:					
General government:					
Administration	457,120	457,120	413,362	43,758	406,779
Programs:					
Rule revision & permit guidance	20,000	20,000	-	20,000	3,175
Permit review, inspection & coordination	975,500	975,500	751,803	223,697	834,821
Capital outlay	12,000	12,000	10,333	1,667	-
Debt Service:					
Principal	26,950	26,950	23,024	3,926	21,975
Interest	-	-	1,676	(1,676)	2,125
Total expenditures	1,491,570	1,491,570	1,200,198	291,372	1,268,875
Revenues over (under) expenditures	(\$111,000)	(\$111,000)	259,514	\$370,514	167,219
Fund balance - January 1			918,953		751,734
Fund balance - December 31			\$1,178,467		\$918,953

**RICE CREEK WATERSHED DISTRICT**  
**SCHEDULE OF REVENUES AND EXPENDITURES -**  
**BUDGET AND ACTUAL**

**Exhibit 5**

509 PLANNING FUND - DITCH AND CREEK MAINTENANCE - 80

For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts				
	Original	Final	Actual		
Revenues:					
General property taxes	\$1,316,264	\$1,316,264	\$1,304,391	(\$11,873)	\$825,782
Special assessments	235,055	235,055	227,687	(7,368)	274,178
Intergovernmental	-	-	344	344	221
Investment income	887	887	27,933	27,046	792
Miscellaneous	47,330	47,330	56,129	8,799	99,573
Total revenues	1,599,536	1,599,536	1,616,484	16,948	1,200,546
Expenditures:					
General government:					
Administration	323,735	323,735	260,773	62,962	214,087
Programs:					
Hugo ditch maintenance	40,000	40,000	-	40,000	201,398
Repair reports & studies	130,000	130,000	91,974	38,026	169,999
Ditches - maintenance	335,000	335,000	285,186	49,814	143,082
Natural waterway management	10,000	10,000	-	10,000	-
ACD 10-22-32 WMD	7,500	7,500	19,908	(12,408)	4,588
ACD 31 WMD	3,291	3,291	-	3,291	138
ACD 46 WMD	10,000	10,000	16,326	(6,326)	1,638
RCD 4 WMD	113,231	113,231	90,877	22,354	273,413
RCD 4 repair	60,000	60,000	-	60,000	-
WJD 2 branch 1/2 repair	15,000	15,000	31,734	(16,734)	-
AWJD 3 repair	65,000	65,000	11,482	53,518	16,557
ACD 15 & AWJD 4	225,000	225,000	2,000	223,000	-
ACD 53-62 WMD	250,740	250,740	60,882	189,858	-
ACD 53-62 repair	167,160	167,160	57,004	110,156	46,813
Capital outlay	6,000	6,000	11,625	(5,625)	-
Debt Service:					
Principal	16,170	16,170	13,814	2,356	13,185
Interest	-	-	1,006	(1,006)	1,275
Total expenditures	1,777,827	1,777,827	954,591	823,236	1,086,173
Revenues over (under) expenditures	(\$178,291)	(\$178,291)	661,893	\$840,184	114,373
Other financing sources (uses):					
Insurance recovery	-	-	-	-	12,310
Net change in fund balance	(\$178,291)	(\$178,291)	661,893	\$840,184	126,683
Fund balance - January 1			923,862		797,179
Fund balance - December 31			\$1,585,755		\$923,862

**RICE CREEK WATERSHED DISTRICT**
**SCHEDULE OF REVENUES AND EXPENDITURES -  
BUDGET AND ACTUAL**
**Exhibit 6**
**509 PLANNING FUND - LAKE AND STREAM MANAGEMENT - 90**
**For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021**

	2022			Variance with Final Budget - Positive (Negative)	2021 Actual
	Budgeted Amounts				
	Original	Final	Actual		
Revenues:					
General property taxes	\$717,107	\$717,107	\$710,639	(\$6,468)	\$478,099
Intergovernmental	-	-	246	246	8,910
Investment income	533	533	18,464	17,931	325
Miscellaneous income	-	-	-	-	1,982
Total revenues	717,640	717,640	729,349	11,709	489,316
Expenditures:					
General government:					
Administration	220,860	220,860	206,413	14,447	192,393
Programs:					
Water quality grant program	346,000	346,000	129,484	216,516	177,995
Surface water monitoring program	210,000	210,000	186,709	23,291	179,984
Common carp management	225,000	225,000	160,689	64,311	226,229
Curly leaf pondweed management	50,000	50,000	6,053	43,947	14,040
Capital outlay	6,000	6,000	3,444	2,556	13,875
Debt Service:					
Principal	10,780	10,780	9,210	1,570	8,790
Interest	-	-	670	(670)	850
Total expenditures	1,068,640	1,068,640	702,672	365,968	814,156
Revenues over (under) expenditures	(\$351,000)	(\$351,000)	26,677	\$377,677	(324,840)
Other financing sources (uses):					
Insurance recovery	-	-	-	-	17,183
Net change in fund balance	(\$351,000)	(\$351,000)	26,677	\$377,677	(\$307,657)
Fund balance - January 1			2,158,528		2,466,185
Fund balance - December 31			\$2,185,205		\$2,158,528



**RICE CREEK WATERSHED DISTRICT****SCHEDULE OF REVENUES AND EXPENDITURES -  
BUDGET AND ACTUAL****509 PLANNING FUND - DISTRICT FACILITIES - 95**

For The Year Ended December 31, 2022 With Comparative Actual Amounts For The Year Ended December 31, 2021

**Exhibit 7**

	2022				
	Budgeted Amounts			Variance with Final Budget - Positive (Negative)	2021 Actual
	Original	Final	Actual		
Revenues:					
General property taxes	\$271,290	\$271,290	\$268,843	(\$2,447)	\$494,054
Intergovernmental	-	-	72	72	133
Investment income	485	485	11,096	10,611	110
Miscellaneous income	-	-	1,565	1,565	-
Total revenues	271,775	271,775	281,576	8,236	494,297
Expenditures:					
General government:					
Administration	93,385	93,385	57,635	35,750	29,888
Programs:					
Long Lake sediment basin maintenance	400,000	1,433,556	1,310,243	123,313	14,963
Locke Lake sediment basin maintenance	115,000	115,000	2,947	112,053	4,978
District facilities repair	152,500	152,500	91,019	61,481	33,625
Inspection, operation & maintenance	200,000	200,000	51,946	148,054	53,086
Capital outlay	6,000	6,000	5,597	403	-
Debt Service:					
Principal	5,390	5,390	4,605	785	4,395
Interest	-	-	335	(335)	425
Total expenditures	972,275	2,005,831	1,524,327	481,504	141,360
Revenues over (under) expenditures	(\$700,500)	(\$1,734,056)	(1,242,751)	\$489,740	352,937
Other financing sources (uses):					
Insurance recovery	-	-	-	-	3,120
Net change in fund balance	(700,500)	(1,734,056)	(1,242,751)	489,740	356,057
Fund balance - January 1			1,622,592		1,266,535
Fund balance - December 31			\$379,841		\$1,622,592

**OTHER INFORMATION – UNAUDITED**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Ramsey County	\$2,202,222	\$2,204,856	\$2,207,574	\$2,234,648	\$2,255,190	\$2,260,135	\$2,244,642	\$2,380,608	\$2,682,100	\$2,784,025	\$2,765,785
Anoka County	1,196,927	1,178,812	1,147,655	1,128,470	1,200,535	1,175,521	1,215,977	1,287,817	1,434,715	1,543,088	1,556,638
Washington County	831,490	843,526	838,854	846,772	870,937	867,386	848,569	920,932	1,008,834	1,060,719	1,047,202
Hennepin County	31,090	31,359	31,259	30,080	30,239	34,244	32,838	34,135	37,345	39,970	39,638
Total	4,261,729	4,258,553	4,225,342	4,239,970	4,356,901	4,337,286	4,342,026	4,623,492	5,162,994	5,427,802	5,409,263
Minnesota State Aid - Market Value Credit	1,533	1,260	1,168	1,613	1,579	1,453	1,272	1,351	1,432	1,450	1,430
Additions/(Abatelements)	-	-	-	-	-	-	-	-	-	-	-
Total revenue	\$4,263,262	\$4,259,813	\$4,226,510	\$4,241,583	\$4,358,480	\$4,338,739	\$4,343,298	\$4,624,843	\$5,164,426	\$5,429,252	\$5,410,693
Levy amount - per RCWD budget	\$4,300,000	\$4,300,000	\$4,300,000	\$4,300,000	\$4,383,000	\$4,383,000	\$4,383,000	\$4,710,392	\$5,181,376	\$5,409,299	\$5,458,494
Collection percentage	99.1%	99.1%	98.3%	98.6%	99.4%	99.0%	99.1%	98.2%	99.7%	100.4%	99.1%

## OTHER REQUIRED REPORTS

- This page intentionally left blank -



## REPORT ON INTERNAL CONTROL

To the Honorable Managers of  
Rice Creek Watershed District  
Blaine, Minnesota

In planning and performing our audit of the financial statements of the governmental activities and each major fund of Rice Creek Watershed District as of and for the year ended December 31, 2022, in accordance with auditing standards generally accepted in the United States of America, we considered Rice Creek Watershed District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Rice Creek Watershed District's internal control. Accordingly, we do not express an opinion on the effectiveness of Rice Creek Watershed District's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses. Given these limitations, during our audit, we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

This communication is intended solely for the information and use of the Board of Managers, management, and others within the organization, and is not intended to be, and should not be, used by anyone other than these specified parties.

*Redpath and Company, Ltd.*

REDPATH AND COMPANY, LTD.  
St. Paul, Minnesota

March 9, 2023

- This page intentionally left blank -





## MINNESOTA LEGAL COMPLIANCE REPORT

To the Honorable Managers of  
Rice Creek Watershed District  
Blaine, Minnesota

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the governmental activities and each major fund of Rice Creek Watershed District as of and for the year ended December 31, 2022, and the related notes to the financial statements, which collectively comprise Rice Creek Watershed District's basic financial statements, and have issued our report thereon dated March 9, 2023.

In connection with our audit, nothing came to our attention that caused us to believe that Rice Creek Watershed District failed to comply with the provisions of the contracting – bid laws, depositories of public funds and public investments, conflicts of interest, public indebtedness, claims and disbursements and miscellaneous provisions sections of the *Minnesota Legal Compliance Audit Guide for Other Political Subdivisions*, promulgated by the State Auditor pursuant to Minnesota Statute § 6.65, insofar as they relate to accounting matters. However, our audit was not directed primarily toward obtaining knowledge of such noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding Rice Creek Watershed District's noncompliance with the above referenced provisions, insofar as they relate to accounting matters.

This report is intended solely for the information and use of those charged with governance and management of Rice Creek Watershed District and the State Auditor and is not intended to be, and should not be, used by anyone other than these specified parties.

*Redpath and Company, Ltd.*  
REDPATH AND COMPANY, LTD.  
St. Paul, Minnesota

March 9, 2023

- This page intentionally left blank -

## **ITEMS REQUIRING BOARD ACTION**

3. RCWD Annual Report (Kendra Sommerfeld)



## **MEMORANDUM**

### **Rice Creek Watershed District**

---

**Date:** March 27, 2023  
**To:** RCWD Board of Managers  
**From:** Kendra Sommerfeld, Communications & Outreach Coordinator  
**Subject:** RCWD 2022 Annual Report

---

#### **Introduction**

Rice Creek Watershed District is required to submit an annual activity report to the Board of Water and Soil Resources, the Commissioner of Natural Resources, and the Director of the Division of Ecological and Water Resources of the Department of Natural Resources within 120 days of the end of the District's fiscal year.

#### **Background**

The content of this annual activity report includes an assessment of the previous year's annual work plan including progress made towards WMP goals and objectives, a projected work plan for the next year, and several other administrative criteria.

The format and reporting for the 2022 is aligned with the RCWD Watershed Management Plan 2020 – 2029 and includes documentation of information required by the MS4 permit.

Content for the 2022 plan has been completed as a draft for Board review. Board members are encouraged to share typographical errors with staff before final submittal.

#### **Staff Recommendation**

Staff recommends approval of the 2022 Annual Report with any necessary formatting and non-substantive changes for submission to the Board of Water and Soil Resources and other required recipients by the deadline.

#### **Proposed Motion**

Motion by Manager \_\_\_\_\_ to approve the 2022 Annual Report with any necessary formatting and non-substantive changes and authorize submission to the Board of Water and Soil Resources and other required recipients by the deadline.

#### **Attachments:**

2022 Annual Report

# RICE CREEK WATERSHED DISTRICT

ANNUAL  
REPORT 2022







# RCWD

## RICE CREEK WATERSHED DISTRICT

RCWD CELEBRATES 50 YEARS OF SERVICE 1972-2022

4325 Pheasant Ridge Drive  
Suite 611

Blaine, Minnesota, 55449-4539

Phone: (763) 398-3070

Fax: (763)398-3088

Contact:

Nick Tomczik, Administrator

Email:

[ntomczik@ricecreek.org](mailto:ntomczik@ricecreek.org)

[www.ricecreek.org](http://www.ricecreek.org)



Clickable Links





# About Rice Creek Watershed District (RCWD)

- A special-purpose unit of government
- Established by the Minnesota Board of Water and Soil Resources on January 18, 1972, upon petition by county boards with support from citizens and cities.
- Approximately 186 square miles of urban and rural lands in Anoka, Hennepin, Ramsey, and Washington Counties.
- Includes all or portions of 28 cities and townships. (Arden Hills, Birchwood Village, Blaine, Centerville, Circle Pines, Columbia Heights, Columbus, Dellwood, Falcon Heights, Forest Lake, Fridley, Grant, Hugo, Lauderdale, Lexington, Lino Lakes, Mahtomedi, May Township, Mounds View, New Brighton, Roseville, Saint Anthony, Scandia, Shoreview, Spring Lake Park, White Bear Lake, White Bear Township and Willernie).



## RCWD Mission

To manage, protect, and improve the water resources of the District through flood control and water quality projects and programs.



## RCWD Watershed Management Plan 2020-2029

- Completed in 2019 (approval and adoption in 2020).
- Board adopted Resolution 2021-08 on May 26, 2021, to approve several minor updates



## Table of Contents

Budget, Expenditures & Revenue .....	2
2022 Board of Managers & Advisory Committee .....	3
2022 Staff.....	4
Legal, Professional, and Consulting Services .....	5
Introduction .....	6
Rice Creek Watershed District Map .....	7
2022 Highlights.....	8
MS 103E Public Drainage Systems .....	10
Non-103E Systems.....	13
District Facilities .....	14
Flooding .....	17
Water Quality Management.....	21
Surface Water Monitoring .....	26
Surface Water / Groundwater Interactions.....	28
Funding .....	29
Collaborations.....	33
Regulatory.....	36
Permitting and Enforcement .....	38
Communications, Outreach, and Education .....	42
Resources for Adequate Outreach, Communication, and Education.....	43

## Budget, Expenditures & Revenue

*Based on Audit*

Expenditures/Programs	2021 Budget	2021 Expenditures	2022 Budget	2022 Expenditures	2023 Budget
<b>General Administration</b>	\$ 433,956	\$ 406,195	\$ 476,513	\$ 433,023	\$ 505,680
<b>Programs</b>					
<b>Environmental Education</b>	229,059	209,004	240,039	181,986	231,081
<b>Information Mgmt/Technology</b>	261,593	188,934	249,628	188,363	317,679
<b>Water Resource Restoration</b>	2,274,227	1,564,917	1,918,555	523,703	2,037,423
<b>Regulatory</b>	1,413,832	1,268,875	1,491,570	1,200,198	1,422,713
<b>Ditch &amp; Creek Maintenance</b>	1,365,620	1,086,173	1,777,827	954,591	2,036,181
<b>Lake &amp; Stream Mgmt/Monitoring</b>	920,353	814,156	1,068,640	702,672	1,084,134
<b>District Facilities</b>	498,391	141,360	2,005,831	1,524,327	709,196
<b>Total Program Expenses</b>	<b>7,397,031</b>	<b>5,679,614</b>	<b>9,228,603</b>	<b>5,708,863</b>	<b>8,344,087</b>

## 2022 Board of Managers & Advisory Committee

### 2022 Board of Managers

**Patricia Preiner, President**

Email: ppreiner@ricecreek.org

County: Anoka

Term Expired: December 2022

**Mike Bradley, First Vice President**

Email: mbradley@ricecreek.org

County: Ramsey

Term Expires: January 2024

**John Waller, Second Vice President**

US Mail Only

County: Washington

Term Expires: January 2025

**Steve Wagamon, Treasurer**

Email: swagamon@ricecreek.org

County: Anoka

Term Expires: January 2025

**Marcie Weinandt, Secretary**

Email: mweinandt@ricecreek.org

County: Ramsey

Term Expires: January 2023

### 2022 Citizen Advisory Committee\*

**Raj Alexander**, Washington County

**Dave Anderson**, Anoka County

**Megan Forbes**, Ramsey County

**Peter Larsen**, Washington County

**William Lazarus**, Ramsey County

**Bridget Osborn**, Ramsey County

**Douglas Ramseth**, Washington County &  
Clear Lake Association

**Bob Rosenquist**, Supervisor & Liaison from  
Washington SWCD

**Heidi Schleicher**, Anoka County

**Michael Schroeder**, Liaison from Ramsey  
Conservation Department

**Mary Jo Truchon**, Supervisor & Liaison from  
Anoka SWCD

**Puneet Vedi**, Anoka County

\*All members appointed annually

## 2022 Staff

Nick Tomczik – Administrator

Kyle Axtell – Project Manager- Ended December 2022

Ali Chalberg- Water Resource Specialist and Inspector- Started June 2022

Beth Carreño – Communications & Outreach Coordinator- Ended June 2022

Kendra Sommerfeld- Communications & Outreach Coordinator- Started Aug 2022

Terrence Chastan-Davis – Technician / Inspector

Anna Grace – Watershed Technician / Water Resource Specialist

Molly Nelson – Watershed Technician / Water Resource Specialist

Patrick Hughes – Permit Coordinator / Wetland Specialist

Matthew Kocian - Lake & Stream Specialist

Catherine Nester – Technician/Inspector

Ashlee Ricci – Public Drainage Inspector

Lauren Sampedro – Tech / Water Resource Specialist/Inspector- Ended March 2022

Tom Schmidt - Public Drainage Inspector

Theresa Stasica - Office Manager

Kelsey White – Regulatory Assistant

Mitch Sommers- Technical Field Assistant-Started September 2022



Figure 1 Top Row: Molly Nelson, Kelsey White, Mitch Sommers, Matt Kocian, Patrick Hughes, Nick Tomczik  
Bottom Row: Tom Schmidt, Catherine Nester, Anna Grace, Theresa Stasica, Kendra Sommerfeld, Ali Chalberg, Ashlee Ricci, Terrence Chastan-Davis

## Legal, Professional, and Consulting Services

RCWD solicited statements of interest for legal, technical, and accounting professional services in 2022. Following solicitation, the RCWD selected Smith Partners for legal counsel, Rinke – Noonan for legal counsel related to drainage, Redpath and Company for accounting, and Houston Engineering.

RCWD maintains a list of professional service providers to call upon for assistance with engineering, design, construction, and general consulting. Companies complete and submit the Professional Services Sign-up Form to be considered for potential work with the RCWD.

### ***Legal Counsel***

Smith Partners  
Louis N. Smith, Charles B. Holtman  
400 Second Avenue S., Suite 1200  
Minneapolis, MN 55401  
Phone: 612-344-1400



Rinke Noonan  
John Kolb (legal counsel related to drainage)  
Suite 300, US Bank Plaza  
PO Box 1497  
St. Cloud, MN 56302  
Phone: 320-251-6700



### ***Consulting Engineers & Other Services***

Houston Engineering  
Chris Otterness, P.E.  
6901 E Fish Lake Rd  
Maple Grove, MN 55369  
Phone: 763-493-4522



Redpath & Company - Accounting & Auditing  
Mark Gibbs  
4810 White Bear Parkway  
White Bear Lake, MN 55110  
Phone: 651-426-7000





## Introduction

This annual report is a review and assessment of the previous year's work and its efforts towards the goals of the Watershed Management Plan (WMP).

The RCWD WMP includes 9 management categories. The annual report is organized to provide a review and assessment of RCWD efforts in these categories and includes implementation activities. Implementation activities include projects and programs that directly address the management issues and associated measurable goals. The nine management categories include:

- 103E Public Drainage Systems
- Non 103E Drainage Systems
- District Facilities
  - section includes documentation of MS4 activities\*
- Flooding
- Water Quality Management
- Funding
- Collaborations
- Regulatory
  - section includes documentation of MS4 activities\*
- Communication, Outreach, and Education
  - section includes documentation of MS4 activities\*

RCWD has an MS4 permit through the Minnesota Pollution Control Agency for portions of the public drainage system. This annual report includes documentation of information required by the MS4 permit.

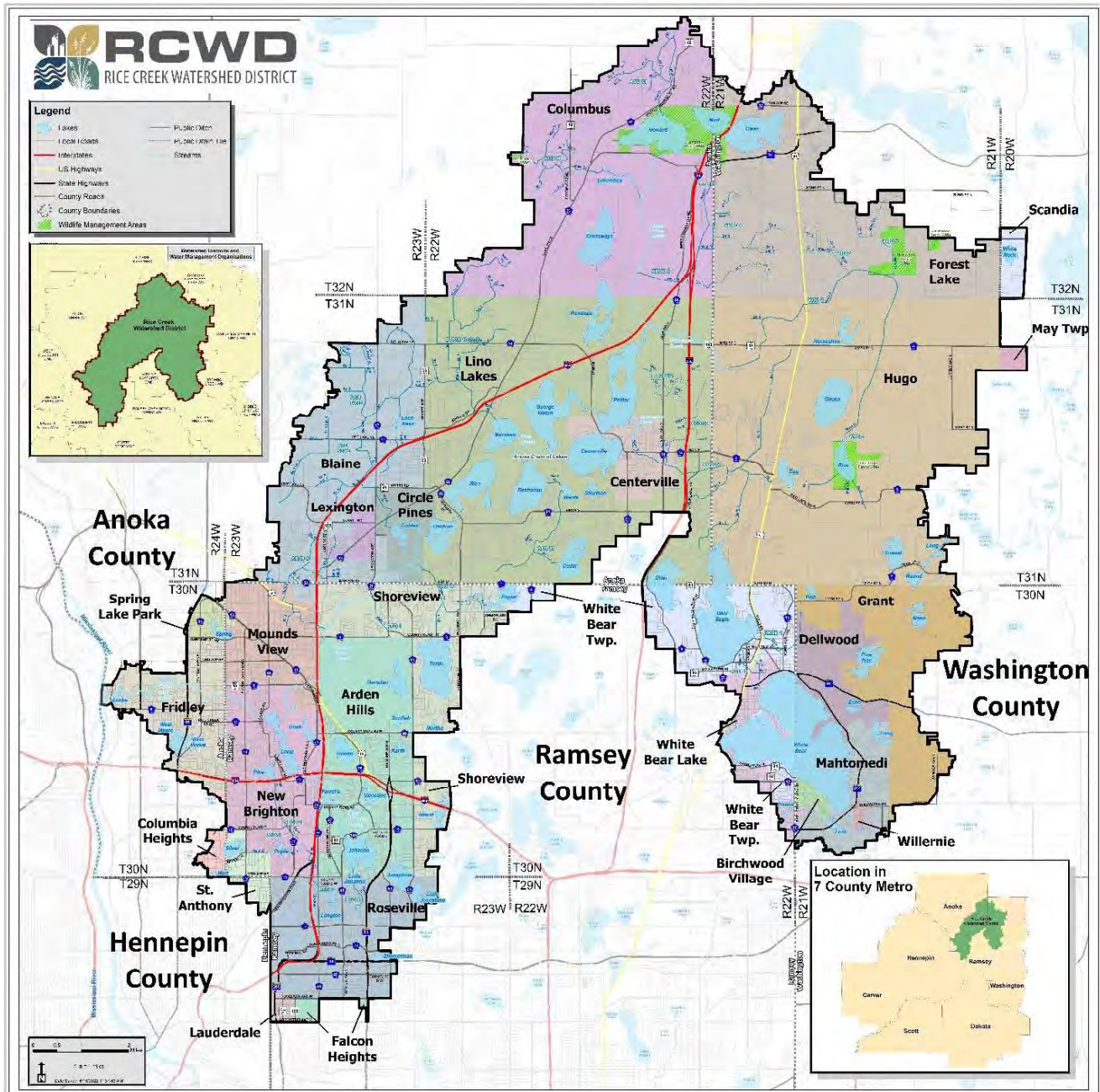


*Figure 2 Lower Rice Creek*



## Rice Creek Watershed District Map

The headwaters of the District are located in Clear Lake, Hardwood Creek, and Clearwater Creek. Water then flows through the Rice Creek Chain of Lakes and empties into the Mississippi River.





## 2022 Highlights

- RCWD 2020-2029 Watershed Management Plan: [2020 Watershed Management Plan - Rice Creek Watershed District](#)
  - Continued to align District activities and budget to the priorities outlined in the watershed management plan
- Public Drainage Systems
  - Completed 86 inspections and 22 maintenance projects on 10 of 22 different public drainage systems (45%)
  - Began major repair of Anoka County Ditch 53-62 and allocated costs using a hybrid approach
  - Added inspections for illicit discharge in public drainage systems identified by the MPCA as part of the RCWD's MS4
- District Facilities
  - Completed 24 facilities inspections (77%)
  - Have legal access to 20 District facilities (65%)
  - Regional Flood Control and Stormwater Management
    - Ramsey County Ditches 2, 3 & 5 Basic Water Management Project: Continued efforts with the Cities of New Brighton, Saint Anthony, and Roseville to complete Phase 3 of this project and to detail an anticipated implementation schedule and priorities, cost allocations, and revenue generation methods.
- Water Quality
  - District staff monitored 9 lakes, 12 long-term stream and ditch sites, and 3 synoptic or project specific sites
    - Partners and volunteers monitored an additional 18 lakes
    - District staff collected 244 water samples on lakes, streams, and ditches
    - 1,411 individual laboratory analyses were conducted
  - Lower Rice Creek Stabilization Project
    - Project closed-out in 2021, on time and under budget
    - Detailed inspection by RCWD staff and State partners (DNR and BWSR) in 2022 found the project to be in excellent condition, and fully successful
- Aquatic Invasive Species
  - The Carp Management Program
    - 15,100 adult carp were removed from the Long Lake / Lino Chain of Lakes system
    - Population surveys indicate we are approaching density goals
    - Phosphorus concentrations in Long Lake (South Basin) were the lowest on record (39 years) in 2022
  - RCWD partnered with 3 lake associations to manage curlyleaf pondweed
- Cost-Share Programs
  - Stormwater Management Grant Program
    - Awarded \$435,000 to 3 cities and 2 counties to implement six water quality and/or flood control projects
  - Water Quality Grant Program

- 14 projects were awarded approximately \$126,269 to assist landowners with installation of Best Management Practices (BMPs) to improve the quality of surface waters within the District.
- Mini-Grants Program
  - \$10,000 was available. A total of 23 mini-grants were issued: 2 grants for rain barrels, 2 grants for low-mow turf, 2 grants for water outreach and education, and 17 for native plantings.
- Additional Highlights
  - The District received 118 permit applications in 2022
    - 108 permits were issued in 2021
  - Continued collaboration with city and county partners to evaluate high priority stormwater reuse for irrigation sites, possible rule revisions, outreach and engagement, and project implementation
    - Hosted two city-county partner meetings
  - Successfully implemented first year of new equitable fee structure for permit applications (took effect 1/1/22)



Figure 3 Rice Creek

## MS 103E Public Drainage Systems

The District has identified “MS 103E Public Drainage Systems” as one of its nine management categories. The category is defined as, “Management and maintenance of public drainage systems in its role as Drainage Authority (County and Judicial Ditches established under MS 103E).” There are 3 key issues within this category: Public Drainage System Maintenance, Repair, and Management Approach; Repair Project Financing; and Stakeholder Outreach on Drainage System Roles and Expectations.

### **Public Drainage System Maintenance, Repair, and Management Approach**

The District has identified the need to comprehensively manage public drainage systems to provide the necessary level of service to both current and future development. The complexity of managing public drainage systems has led to several challenging issues faced by the District, including reestablishing the as-constructed and subsequently improved condition (ACSIC); prioritization and scheduling of drainage system inspection and maintenance; maintaining drainage records in centralized locations and providing for public access to these records; and managing the public drainage systems to serve multiple land uses as well as current and future development without exceeding the geometry and conveyance of the ACSIC.

**Goal:** Schedule, prioritize, and execute inspection and maintenance of the District’s public drainage systems to preserve and/or restore drainage function for multiple uses.

**Measurable Goal:** Inspect each of the District’s public drainage systems over each 5-year period of the Plan. RCWD Board adopted 4 policies to ensure adequate progress in this category. See policies in [2020 Watershed Management Plan - Rice Creek Watershed District](#).

As the public drainage authority, RCWD is responsible for maintaining approximately 116 miles of public drainage systems.

#### **2022 Activities:**

The District completed 86 inspections and 22 maintenance projects on 10 of 22 different public drainage systems in 2022. This is 45% of the total drainage systems, which exceeds the minimum of 20% goal identified in the watershed management plan. 17 of 17 scheduled inspections. These inspections also involve illicit discharge detection in public drainage systems identified by the MPCA as part of RCWD's MS4.

Examples of 2022 Public Drainage Maintenance Projects include (but not limited to):

- ACD 10-22-32 – wetland replacement plan and excavation of accumulated sediment
- ACD 31 – main trunk and branches right of way mowing
- ACD 46 – main trunk and branches right of way mowing
- ACD 46 – main trunk and branch 1 excavation of accumulated sediment
- ACD 53-62 – main trunk excavation of beaver dams and accumulated sediment
- WJD 2 – main trunk beaver dam removals, right of way mowing
- WJD 2 – branch 2 repair from headwaters to Rice Lake
- WJD 5 – main branch tile replacement/repair from outlet to branch 1

## **2023 Work Plan**

The District will continue to inspect and maintain the public drainage systems and complete maintenance projects as recommended by the Public Drainage Inspector and in accordance with the inspections schedule. The District will continue to collaborate and promote effective use of public funds on maintenance activities with partners.

2023 efforts planned by Public Drainage Inspector include (but not limited to):

- ACD 46 – branch 1 bank stabilization
- ACD 72 – replacement of existing clay tile with HDPE on various branches
- ARJD 1 – Work with City of Mounds View to coordinate maintenance
- ARJD 1 – main trunk tree & brush removal from County Road J to 93rd Ave; main trunk excavation; Restwood Rd. to Flowerfield Rd. and Naples to I-35W
- WJD 5 – continue tile replacement on Branch 1 and main trunk
- Drainage system right-of-way maintenance on various systems as possible
- ACD #53-62 – Main Trunk Repair from 35W to Golden Lake
- Ditch bank mowing

## **Municipal Separate Storm Sewer System (MS4) Permit**

The Minnesota Pollution Control Agency (MPCA) has deemed that some of the public drainage systems are considered part of the Municipal Separate Storm Sewer System (MS4). During public drainage systems inspections, illicit discharges are included in the items being inspected and, if found, are noted in the inspection report and reported as required.

The RCWD did not detect any illicit discharges in 2021. When illicit discharges are detected, staff follow the District's internal protocols and enforcement response procedures. Public drainage staff are trained each year in illicit discharge recognition.

RCWD has evaluated the land use around the public drainage systems that are included in the District's MS4 and determined that priority areas are not present. However, District staff regularly monitor the open systems, remove obstructions, and evaluate opportunities to prevent pollutants and improve water quality.

## **Repair Project Financing**

The District has identified a need for establishing an equitable means of apportioning the cost of MS 103E public drainage system repair projects.

**Goal:** Equitably apportion costs of public drainage system repairs.

**Measurable Goal:** Utilize 100% of the District's established cost allocation methodology.

The District has 1 policy to ensure adequate progress in this category.

## **2022 Activities**

In 2021, RCWD allocated the costs of public drainage system repairs through implementation of the hybrid legal framework. This included the allocation of water management district (WMD) charges to begin in 2022 for the ACD 53-62 Main Trunk Repair project. The cost of the project was apportioned to two benefit categories: 60% to landowners draining to ACD 53-62 (WMD) and 40% to the District as a whole (ad valorem).

## **2023 Work Plan**

Continue to allocate the costs of public drainage system repairs through implementation of the hybrid legal framework, which includes MS 103E, 103D, and 103B.

Charge allocations for the ACD 53-62 Main Trunk repair project begin in 2022. Forty percent of the preliminary cost is allocated to the whole district via ad valorem funds. The other 60% is allocated to landowners directly draining to the system (WMD charge). Landowners with WMD charges will pay a single-year annual charge (collected through property taxes) for amounts less than \$300. In instances where the parcel's charge incurred exceeds \$300, the landowner will pay three equal annual installments (still collected through property taxes). No interest will accrue in the first three years.

## **Stakeholder Outreach on Drainage System Roles and Expectations**

The District has identified the need to ensure communication to stakeholders is clear about the condition of the public drainage system, the effect of proposed repairs, and the District's roles and authorities.

**Goal:** Use communication and outreach tools as an integral element in managing public drainage systems to credibly convey District roles and authorities and system data and information, thereby increasing knowledge, awareness, and capacity among stakeholders.

**Measurable Goal:** Send at least 1-2 project communications to affected landowners and stakeholders in addition to MS 103E legal requirements; release 1 press statement for each major repair project; and update the RCWD website's drainage systems page quarterly with project updates.

The District has 3 policies to ensure adequate progress in this category.

## **2022 Activities:**

In an effort to communicate landowner rights to convey the District's role and authority, the District held 3 informational meetings prior to the legally required public hearings in 2021. The District continues to update the Drainage Portal, which is available online and maintains the official drainage systems records.

## **2023 Work Plan**

In 2023, the District will continue to hold informational meetings prior to public hearings. The District will also ensure the use of consistent terms and definitions when communicating about drainage. The District will make an effort to send notices in advance of maintenance activities.



## Non-103E Systems

The District has identified “Non-103E Drainage Systems” as one of its nine management categories. The category is defined as “Management of drainage systems not established under MS 103E and stormwater conveyance systems within the District boundary.” There is one key issue within this category: Management of Non-103E Systems.

The District has identified that despite the limited role and authority of the District in managing non-103E systems, these systems can impact upstream and downstream water quantity conveyance and water quality and may serve a public benefit.

**Goal:** In consideration of the District’s limited role, address conveyance concerns on non-103E systems within the framework of District policy.

**Measurable Goal:** Address 100% of all non-103E system concerns as determined by the District's Natural Channel Management Policy.

The District has 2 policies to ensure adequate progress in this category.

### 2022 Activities:

Continued to engage in collaboration with private partners to address existing issues according to its policies. The RCWD Natural Channel Management Policy guides any work in the Natural Waterway Management Program and specifies the triggers and actions related to RCWD’s role in maintaining natural or recreational systems.

Communicated to landowners and partners the RCWD Natural Channel Management policy when an inquiry was received regarding private drainage. District staff followed the policy to assess the involvement of the District in the private drainage matter.

### 2023 Work Plan

In 2023, the District will continue to use consistent messaging when engaged in non-103E drainage systems and follow the Natural Channel Management Policy. RCWD’s new website will include information on the Natural Channel Management Policy.



## District Facilities

The District has identified “Management of District Facilities” as one of its nine management categories. The category is defined as, “Operation and maintenance of water management structures and property constructed and/or owned by the District.” The key issue within this category is Management of District Facilities.

A “District facility” is defined as a physical water management project constructed and/or owned and maintained by the District for purposes of addressing water quality, regional flooding, or wetland habitat. In recent years, the District has focused on understanding what District facilities exist, where they are located, what their current condition is, and whether the facilities need maintenance or repair. In some cases, access to the facilities is an issue, and the District has been researching and documenting both the physical and legal access to each District facility.

### Goals:

- Development of an updated District program that focuses on the construction, inspection, maintenance, and/or operation of District facilities in accordance with their water management purposes and gauges their effectiveness over time.
- Strive to obtain and maintain legal access for the operation and maintenance of those District facilities that currently do not have legal access.

**Measurable Goal:** Inspect 100% of District facilities over the 10-year time period of the watershed management plan (2020-2029) and obtain legal access to 75% of District facilities over that same time period.

The District has 5 policies to ensure adequate progress is achieved towards these goals.

### 2022 Activities:

District staff tracks all facility inspection activities as well as maintenance or repairs completed each year. Of 31 total inventoried facilities, 17 were inspected in 2021 (55%). At the end of 2021, the District had legal access to 20 of 31 facilities (65%). A breakdown of these general activities can be found in the table below.

ID	Facility Name	Inspected	Maintenance	Notes	MS4 ^
CB-1	Walls Bros. Wetland Restoration	X	X	Vegetation management	
LL-2	Rondeau Lake Outlet Channel				
LL-3	Rondeau Lake Fish Barrier	X			
LL-4	Hardwood Creek Restor. (2012)				
SV-5	Middle Rice Creek Restor. (2005)	X		Fair Condition	
AH-6	Middle Rice Creek Restor. (2016)	X		Good Condition	
FD-7	Locke Lake Sedimentation Basin	X			
NB-8	Long Lake Sedimentation Basin	X		See Below	
NB-9	Jones Lake Outlet				
NB-10	35W Wetland Treatment Area				
AH-11	E2 Wetland Weir	X	X		
AH-12	Lake Johanna Outlet				
AH-13	Floral Park Berm & Outlet	X			
AH-14	Hwy 10 & 694 Outlet	X			



WBT-15	RWJD1 & Hwy 61 Treatment Ponds				X
WBT-16	RWJD1 Fish Barrier	X	X		
MM-17	Hall's Marsh Outlet	X			
RV-18	Oasis Pond Sediment Basin & Weir	X			X
AH-19	Lake Josephine Outlet	X			
FL-20	Lamprey Pass	X			
RV-21	Little Josephine Outlet	X			
CB-22	Browns Preserve	X	X		
NB-23	Hansen Park Sediment Basin				X
NB-24	Hansen Park IESF	X	X	See Below	X
AH-25	Bethel North	X			
HG-26	Oneka Ridge Golf Course Reuse *	X	X		
FL-27	Rehbein Farms	X			
RV-28	Oasis Pond IESF *	X	X	See Below	
WBL-134	Priebe Lake Outlet	X		See Below	
FD-139	Lower Rice Creek Stabiliz. (2020)	X			
WBT-138	Bald Eagle Lake IESF	X	X	See Below	X
Total		24	9		

\* RCWD has only a limited role in operating and maintaining these facilities.

^ RCWD has interpreted generic MS4 permit language from the MPCA to assess which facilities may be relevant to the District's MS4 annual report.

Following is a summary of non-routine facility maintenance completed by the District and other unique takeaways from 2022.

**Priebe Lake Outfall Project (PLOP):** Replacement of the Priebe Lake outlet control structure (OCS) was completed in 2022. The new OCS is of a modern design and much safer to access for maintenance than the original structure. The new design maintained the original hydraulic operation of the OCS, but also added an operable stoplog system that will allow for improved lake level control in the future if a drawdown of Priebe Lake is needed.

RCWD worked extensively with its partners throughout 2022, including Birchwood Village, Mahtomedi, White Bear Lake and DNR, to negotiate a long-term maintenance Memorandum of Agreement (MOA) to deal with the accumulation of potential contaminated sediments throughout the PLOP system. The District does not have any agreement from back at time of establishment but presumably all municipalities were comfortable with it. Birchwood Village completed limited sediment sampling that showed slightly elevated levels (Level II) of polycyclic aromatic hydrocarbons (PAHs) in deposited sediments where the PLOP pipe discharges into Hall's Marsh. Additional investigation is required to determine the full extent of the issue once all parties agree to the terms of the proposed MOA.

**Iron-Enhanced Sand Filters:** The IESF systems at Hansen Park, Oasis Pond, and Bald Eagle Lake operated for as much of the open water season as the drought would allow. Hansen Park's IESF, as is usual with RCD 2 maintaining a strong baseflow, was still afforded a nearly complete operation season. Periodic tilling and weeding activities kept the IESFs filtering at acceptable rates during operation.

The IESF at Hansen Park treated 45,186,252 gallons of RCD 2 runoff in 2022. The IESF at Oasis Pond treated 5,147,601 gallons of RCD 4 runoff in 2022 (low due to technical issues and the drought). The IESF at Bald Eagle Lake treated 5,700,468 gallons of RCD 11 runoff in 2022.

### **2023 Work Plan**

District staff will continue to inspect its facilities for proper operation and maintenance needs. Many facilities are inspected annually or more frequently, while some are only inspected on an as-needed basis. At a minimum, all facilities will be inspected once every ten years. The District began a more detailed evaluation of each facility in relation to its physical location and condition based on site inspection. Staff will continue this investigation in 2023 and make recommendations for next steps for each facility.

The District conducts active operational activities at the Hansen Park and Bald Eagle Lake IESFs and provides support to the City of Roseville at the Oasis Pond IESF and to Oneka Ridge Golf Course for its stormwater reuse irrigation system. These activities will continue in 2023.

The District will continue to work with its partners to establish agreeable terms for additional investigation under the Priebe Lake Outfall Project MOA. Once the MOA is fully executed, the District will fulfill its obligations.

The Browns Preserve wetland bank is scheduled to undergo a prescribed burn consistent with its long-term management plan. Staff will work closely with professionals to complete the burn.



*Figure 4 Culvert on Rice Creek*

## Flooding

The District has identified “Flooding” as one of its nine management categories. The category is defined as, “Managing the peak rate and volume of runoff from the landscape in an attempt to reduce potential flood damages in receiving surface waters.” There are three key issues within this category: Addressing Existing Flooding Issues; Impacts of Future Developments on Downstream Rate and Volume; Modeling and Mapping.

### Addressing Existing Flooding Issues

To prevent increases in the magnitude and duration of flooding, one of the District’s primary functions is the maintenance of its public drainage system, which serves as the sole outlet for many areas of the District. The District also has an interest in managing the peak rate and volume of runoff from the landscape to reduce potential flood damages on properties adjacent to downstream receiving surface waters. Within the District, opportunities exist to decrease the risk and impact of known flooding issues through collaboration with local partners. The District has completed studies and analyses that demonstrate that District stormwater management rules (Rule C) alone cannot meet current and future flood management needs. Instead, the District utilizes a combination of regulation, projects, and programs to provide a multi-faceted approach for managing flooding.

**Goal:** Decrease the risk and impact of known flooding issues through collaboration with local municipal partners.

**Measurable Goal:** Collaborate with partners to implement District-prioritized flood risk reduction projects to accrue 200 acre-feet of new live flood storage during the 10-year lifespan of the watershed management plan (2020-2029), aimed at reducing the rate and volume of runoff.

The District has 4 policies to ensure adequate progress is achieved toward meeting this goal.

### 2022 Activities:

The District has several ongoing efforts, in collaboration with several municipal partners, aimed at developing suites of future capital projects that will create substantial volumes of new flood storage across the watershed:

- **Ramsey County Ditches 2, 3 & 5 Basic Water Management Project:** RCWD moved forward with concept planning and site-level feasibility work for the Hansen Park South, Jones Lake Improvements, and Silver Lake Outlet Modification in late 2022, working with Houston Engineering. This work will continue into 2023, with an aim to improve RCWD’s position in applying for State and/or Federal grant funding for these projects.
- **Anoka Washington Judicial Ditch #4 (AWJD4) Forest Lake Study.** The City of Forest Lake completed the study in 2021 with \$31,650 in financial assistance from the RCWD. The AWJD4 headwaters are located in the City of Forest Lake. This area of the City is subject to development pressure, and the study indicates that the AWJD4 system would be subject to capacity concerns if mitigation measures beyond the District’s rule requirements are not taken.
- **Stormwater Management Grant Program:** In 2022, three of the six District-funded capital improvement projects resulted in reductions in rate control and runoff volume (listed below).

*Note: Additional issue-specific information on this cost-share program is provided in the water quality and collaborations sections of this report.*

- City of Roseville – C2 & Simpson Underground Infiltration - \$100,000
- Washington County – CSAH 12 Improvements - \$10,000
- City of New Brighton – Public Works Facility Flood Mitigation Project - \$100,000

**Priebe Lake Outlet:** In 2022, District staff completed replacement of the failing outlet structure at Priebe Lake. This structure and the pipe system downstream was constructed by the District in the 1970s under petition from the Cities of White Bear Lake and Birchwood Village to address frequent severe flooding of the homes around Priebe Lake which was originally constructed with no outlet. The outlet is designed to prevent flooding of the homes around the lake by allowing excess water to flow downstream through Hall's Marsh and into White Bear Lake. The pipe system remains in good condition, and the lake outlet operated successfully in 2022. Additional information on the Priebe Lake Outlet is in this report's section on District Facilities.

District rules require volume reduction and rate control. For areas that contribute flow to areas that flood, an additional 20% reduction in peak runoff control for 2, 10, and 100-year events is required.

### **2023 Work Plan**

The District anticipates continuing its work with partners to implement components of the Ramsey County Ditches 2, 3 & 5 Basic Water Management Project in 2023. Finding adequate funding sources, both internal and external, has proven difficult for the large "prerequisite" project components, but the District is pursuing funding from the MN DNR and legislature.

Continue to collaborate with the City of Forest Lake and developer applicants on potential solutions in the Anoka Washington Judicial Ditch #4 (AWJD4) Forest Lake Study.

The District has allocated \$300,000 in Stormwater Management Grant Program funding for 2023 to assist public and private entities with implementation of projects that provide stormwater quality treatment, runoff volume reductions, peak runoff rate control and/or reductions in groundwater usage.

The District will continue to work with its municipal partners to ensure successful operation of the Priebe Lake Outfall Project, including the outlet structure.

### **Impacts of Future Development on Downstream Rate and Volume**

As the headwater portions of the District and various drainage areas are developing, downstream flooding is an increased concern. To identify the location and scope of these flooding locations, the District developed hydrologic and hydraulic modeling of future developed conditions based on current and future community land use maps and application of District rules.

This analysis shows that projected future development will result in regional increases in runoff rate and volume, even with current District rules in place. Additionally, the limited conveyance of several public drainage systems that serve as the primary outlet for stormwater in some communities has raised awareness of volume constrained areas. Within these areas the runoff volume increases from future development will exacerbate existing and/or create new flood issues.

**Goal:** Understand the effects of future development on runoff volume, flow rates, and flooding, and work to minimize those effects through regulation, projects, and programs.

**Measurable Goal:** Update its Future Conditions Model at least once during the 10-year lifespan of the watershed management plan (2020-2029) to account for realized and proposed land development and modeled changes in regional precipitation patterns.

The District has 5 policies to ensure adequate progress is achieved toward meeting this goal.

#### **2022 Activities:**

The District continued work with the City of Lino Lakes on its NE Lino Lakes Drainage Area Comprehensive Stormwater Management Program (CSMP) in 2021. The city altered the project approach from an open waterway to a pipe system in response to regulatory reviews at the State and Federal level and the District approved CSMP changes and permit.

The District continued its support of the City of Forest Lake and its JD 4 study; the study was completed in 2021. RCWD contributed \$31,650 to the City's regional study of development and additional run-off from the landscape. The District went further to issue letters of support as the city sought State funding to initiate a storage project on the landscape.

The District accepted a City of Forest Lake petition for a partial transfer of Anoka-Washington Judicial Ditch 4; this is an integral part of further development and stormwater management in the area. The District's MS 103E Public Drainage Systems section has additional information on this.

The District's regulatory permit program implements RCWD rules and considers flooding concerns related to development. These include individual project site controls, regional storage, implications from conveyance, and outlet downstream implications on flood elevations. Property development in the CSMP area must comply with the terms of the CSMP.

#### **2023 Work Plan**

The District will continue to communicate on this issue to its community partners as individual sites develop and contribute to the regional plan. The District will respond to applications in the CSMP area with the District tracking the municipalities' and developers' development of capacity and allocations to other developments. An update of the District's Future Conditions Model will occur later in the ten-year plan cycle.

#### **Modeling and Mapping**

The District initiates maintenance of its modeling products to ensure the continued value of the models and their results. This maintenance includes annual updates to models to reflect changing infrastructure and land use, correcting deficiencies and errors, and adding new detail and data where and when it becomes available. Most notably, the NOAA Atlas 14 Precipitation Frequency Estimates have been incorporated into the model, which consider the available historic record including recent decades that have seen increasing rainfall in the District. The District has developed a District Modeling Update Policy, including updates in tools and the development of MS4Front, to guide implementation of this maintenance effort.

**Goal:** Maintain and update District hydrology and hydraulic models to reflect changing conditions and adapt to evolving technology.



**Measurable Goal:** Complete an update to the District-wide model (existing conditions) annually (throughout the 10-year lifespan of the watershed management plan).

The District has 4 policies to ensure adequate progress is achieved toward meeting this goal.

**2022 Activities:**

Engaged its engineer to complete the annual update of the District-wide model, incorporating landscape-scale changes from new development and major capital projects that were completed in the watershed over the previous year. The previous year's work with DNR resulted in the calculation of the 500-yr floodplain, and the District will be mapping these boundaries at the landscape scale to further understand those locations at risk of flooding and continue ongoing floodplain management.

Received a grant from the MPCA to support a Climate Resiliency Building project with workshops to address climate change issues within the entire district with stakeholders.

**2023 Work Plan**

The District received a grant in 2022 from the MPCA to support a Climate Resiliency Building project with workshops to address climate change issues within the entire district with stakeholders. Workshops will be implemented in 2023.

The City of New Brighton will be submitting a Federal Emergency Management Agency (FEMA) Letter of Map Revision (LOMR) for the area around Hansen Park. The District's Hansen Park project required significant modeling of the area and resulted in a much-improved understanding of the floodplain. The District will be supporting the City through cost-share and modeling detail in its application and intended relief to landowners.



*Figure 5 Howard Lake*

## Water Quality Management

The District has identified “Water Quality Management” as one of its nine management categories. The category is defined as, “Protecting and/or improving the water quality of District streams, rivers, lakes, and other watercourses.” There are six key issues within this category: Accelerated Sedimentation; Aquatic Invasive Species; Wetlands; Nutrient Enrichment, Algae, and Cultural Eutrophication; Surface Water Monitoring; and Surface Water / Groundwater Interactions.

### Accelerated Sedimentation

As changes in land use and rainfall patterns continue to occur within the RCWD, increases in runoff volume, flow, and velocity are experienced in portions of the watershed. These hydrologic changes can cause sedimentation rates to accelerate, leading to negative ecological and economic impacts. accelerated sedimentation can lead to a reduction in the storage capacity of lakes, ponds, and plunge pools, resulting in costly maintenance dredging efforts to restore storage capacity. Rice Creek flows through two lakes prone to rapid sedimentation: Long Lake in New Brighton and Locke Lake.

The District maintains sediment basins adjacent to Long Lake, in Locke Lake, on Ramsey County Ditch 2 within New Brighton’s Hansen Pond, on Ramsey County Ditch 4 within Roseville’s Oasis Pond, on Ramsey-Washington Judicial Ditch 1 just upstream of U.S. Highway 61, and on Ramsey County Ditch 11 just west of Eagle Street in White Bear Township.

#### Goals:

- Employ District regulatory authority and collaborate with partners (e.g. state, municipalities) on inspections to minimize sediment loading from erosion associated with land disturbance, land development, increases in impervious surface, or other changes in landscape construction sites that contribute to accelerated sedimentation.
- Pursue collaborations to implement agricultural and urban BMPs to address sediment delivery to District water resources.
- Reduce in-channel erosion throughout the RCWD, and particularly in Lower Rice Creek and Middle Rice Creek, through the implementation of programs and practices to stabilize eroding channels and banks.

#### Measurable Goals:

- Reduce the average number of sediment-related permit violations per active construction site to less than one per site per year (by the end of the 10-year 2020-2029 watershed management plan timeframe);
- Continue the annual implementation of cost share programs for water quality BMPs resulting in a total reduction of TSS loading to receiving waters of 100 tons (during period of the plan); and
- Pursue implementation of at least one BMP that addresses in-channel sediment delivery in Lower Rice Creek and one BMP that addresses in-channel sediment delivery in Middle Rice Creek (during the period of the plan).

The District has 6 policies to ensure adequate progress is achieved toward meeting this goal.

#### 2022 Activities:

RCWD completed dredging of the **Long Lake Sedimentation Basin** in 2022. Nearly 18,000 cubic yards of accumulated sediment were hydraulically removed from the site, located on Ramsey County Regional



Park. Low water levels due to the ongoing drought made easier equipment access throughout the work site.

Projects funded through the **2022 Stormwater Management Grant Program** are anticipated to reduce annual pollutant loading to District surface waters. Annual total suspended sediment (TSS) loading is expected to be reduced by approximately 4.7 tons, and annual total phosphorus (TP) loading is expected to be reduced by approximately 41 lbs.

**Iron-Enhanced Sand Filter (IESF) Projects** continued to operate in 2022. The IESF at Hansen Park treated 45,186,252 gallons of RCD 2 runoff in 2022. The IESF at Oasis Pond treated 5,147,601 gallons of RCD 4 runoff in 2022 (low due to technical issues and the drought). The IESF at Bald Eagle Lake treated 5,700,468 gallons of RCD 11 runoff in 2022.

The District completed the **Middle Rice Creek Restoration Project** in 2018. In 2019 and 2020, sediment monitoring was conducted in cooperation with the US Geological Survey. The results of this work were published in a USGS study in 2022. The report found a decrease in fine sediment transport downstream of the restoration project, as well as reductions in bank shear stress throughout the project area. Cross-section surveys indicate the restored channel is stable. However, high variability in data, and consistently very high flows post-project, made it impossible to draw conclusions about overall changes in sediment transport.

### **2023 Work Plan**

The District's **Stormwater Management Grant and Water Quality Grant Programs** (and the Mini-Grants program) will continue operation in 2023. Collectively, they offer over \$500,000 to District local governments, residents, businesses, and other stakeholders who aim to implement water quality improvement projects and best management practices within the District. IESFs at Hansen Park, Oasis Pond, and Bald Eagle Lake will continue operation in 2023 and beyond, reducing sediment and nutrient loads from Ramsey County Ditches 2, 4, and 11, respectively.

### **Aquatic Invasive Species**

Consistent with its mission, the RCWD takes an active role in managing those AIS that impact water quality or contribute to algae blooms and decreased water clarity. For other AIS that do not directly impact water quality, but may affect ecology or recreation, the District offers supporting services (i.e. data collection and general guidance). Research suggests that curly-leaf pondweed (*Potamogeton crispus*) and common carp (*Cyprinus carpio*) are linked to water quality degradation and algae blooms. For this reason, the District plays an active role in managing these species.

#### **Goals:**

- Mitigate adverse water quality impacts of common carp by reducing and maintaining their density with a long-term, sustainable approach.
- Partner with lake associations and homeowner groups to manage curly-leaf pondweed to improve water quality and native plant diversity.

#### **Measurable Goals:**

- Develop 3 system-specific common carp management plans, with priority to Clear-Mud-Howard Lakes, Peltier-Centerville Lakes, and Silver Lake (by 2029)

- Implement plans over the long-term to reduce carp density below their adverse impact threshold (100 kg/ha) on a per system basis.
- Work towards achieving 100 kg/ha carp density in the Long-Lino Chain (during the WMP time period).
- Implement annual curly-leaf pondweed management programs in District lakes that have lake association and/or landowner support with DNR technical guidance.

The District has 3 policies to ensure adequate progress is achieved toward meeting this goal.

### **2022 Activities:**

Partnered with 7 lake associations to manage curlyleaf pondweed in 2022. On Bald Eagle, Clear, Centerville, Johanna, Josephine, Peltier, and Silver Lakes, the district delineated beds of curlyleaf pondweed and procured permits from the DNR. On Bald Eagle and Clear Lakes, the District also hired a contractor to apply herbicide as stipulated by the DNR permit. Staff attended technical conferences and collaborated with colleagues at the DNR and other agencies to ensure that best practices are followed to minimize negative impacts to native plants and promote water quality protection and improvement.

Continued implementing its Long Lake / Lino Chain of Lakes Carp Management Plan. In 2022, a total of 15,100 adult carp were removed from the system. Removals from Rice Creek, associated with the spring migration were successful, accounting for about 13,600 of the total removed. Baited box nets were used in Long Lake to remove another 2,000 carp during late summer. Population surveys conducted in late summer suggest that the Long Lake / Lino Chain of Lake carp population has been significantly reduced, approaching the management goal.

Data collected during spring migration suggested that a small, physical barrier on the south end of Long Lake, is justified. Received a \$50,000 grant from BWSR via the Watershed-Based Implementation Funding program and began planning for barrier construction in 2023.

A carp population survey on Centerville Lake found the density to be moderate – approx. 50-60 kg/ha. Typically, ecological damage and water quality impacts begin around 100 kg/ha. Thus, carp do not appear to be a major problem in Centerville Lake at the current time.

### **2023 Work Plan**

The District plans to partner with the same homeowner groups to manage curlyleaf pondweed in 2023.

The District will continue implementing the Long Lake / Lino Chain of Lakes Carp Management Plan. Primary activities will include adult carp removal during spring migration using the NEPTUN electronic guidance system and a new electrical aggregating system. Additionally, District staff Will complete construction of a physical barrier on the small southern tributary to Long Lake, known as “Johanna Creek.”

The District will initiate development of the Clear/Mud/Howard Lakes Carp Management Plan in cooperation with the MN DNR.

## **Wetlands**

Managing wetlands is critical to many District interests including water quality and flood control. The availability of banked wetland credits (public or private) is vital to District projects.

**Goal:** Manage wetlands in a manner which improves diversity and ecological integrity on a District-wide basis, consistent with the Wetland Conservation Act and augmenting Comprehensive Wetland Protection and Management Plans (CWPMMP) and local opportunities for preservation, enhancement, and restoration, while balancing multiple resource issues.

**Measurable Goals:** Continue implementation of the WCA and CWPMMPs and complete annual reports summarizing implementation of the CWPMMPs.

The District has 3 policies to ensure adequate progress in this category.

### **2022 Activities:**

The RCWD is the Local Government Unit (LGU) responsible for the implementation of the State Wetland Conservation Act (WCA), except for within the cities of Hugo, Circle Pines, and most recently Mounds View, or associated projects on state lands, such as those involving MnDOT and the DNR. Both WCA and District rules specify sequencing processes to avoid and minimize wetland impacts and replacement requirements for unavoidable impacts to wetlands. The District's role as the Wetland Conservation Act (WCA) Authority is also a key issue in the RCWD regulatory program and incorporated into that section of this report.

RCWD maintains a set of rules that govern wetlands within special areas of the District, which are known as CWPMMP areas. The CWPMMP rules were developed as a component of Resource Management Plans (RMPs), which were developed for several locations in the District experiencing rapid urbanization, and included wetland management, public drainage systems, and water quality/quantity management considerations. The CWPMMPs, RMPs, and Rule F were implemented as an effort to balance the responsibilities of the RCWD as LGU for the WCA, drainage authority for MS 103E public drainage systems, and as a manager of water quality and quantity.

RCWD continued its administration and implementation of WCA and CWPMMPs. In addition to the review and noticing of WCA applications, the District reported all 2022 WCA activity to the Board of Water and Soil Resources (BWSR) and will be completing an audit review of Circle Pines, Hugo, and Mounds View permitting administration as cities within the District that have accepted the LGU responsibility.

## **Nutrient Enrichment, Algae, and Cultural Eutrophication**

Several lakes and streams in the RCWD have issues related to nutrient enrichment and cultural eutrophication. The RCWD has worked diligently to address the impacts of nutrient enrichment and cultural eutrophication by conducting diagnostic studies and assessments to mitigate excess nutrient loading to District waterbodies. These studies and assessments are essential tools in targeting actions, such as implementation of best management practices (BMPs), that diminish the effect of cultural eutrophication and will be relied upon by District staff to prioritize protection and TMDL implementation efforts.

**Goal:** Protect and improve water quality conditions in District resources by managing nutrient loading and restoring aquatic ecosystems.

**Measurable Goals:** Decrease the number of District lakes classified as "restoration" and increase the number of District lakes classified as "protection" by 2 over the next 10 years using the District's Lake Classification System. This will be accomplished through the annual implementation of cost share programs for water quality BMPs which results in a cumulative total reduction of total phosphorus loading to receiving waters of 300 pounds per year (during the WMP 10-year time period).

The District has 5 policies to ensure adequate progress is achieved toward meeting this goal.

**2022 Activities:**

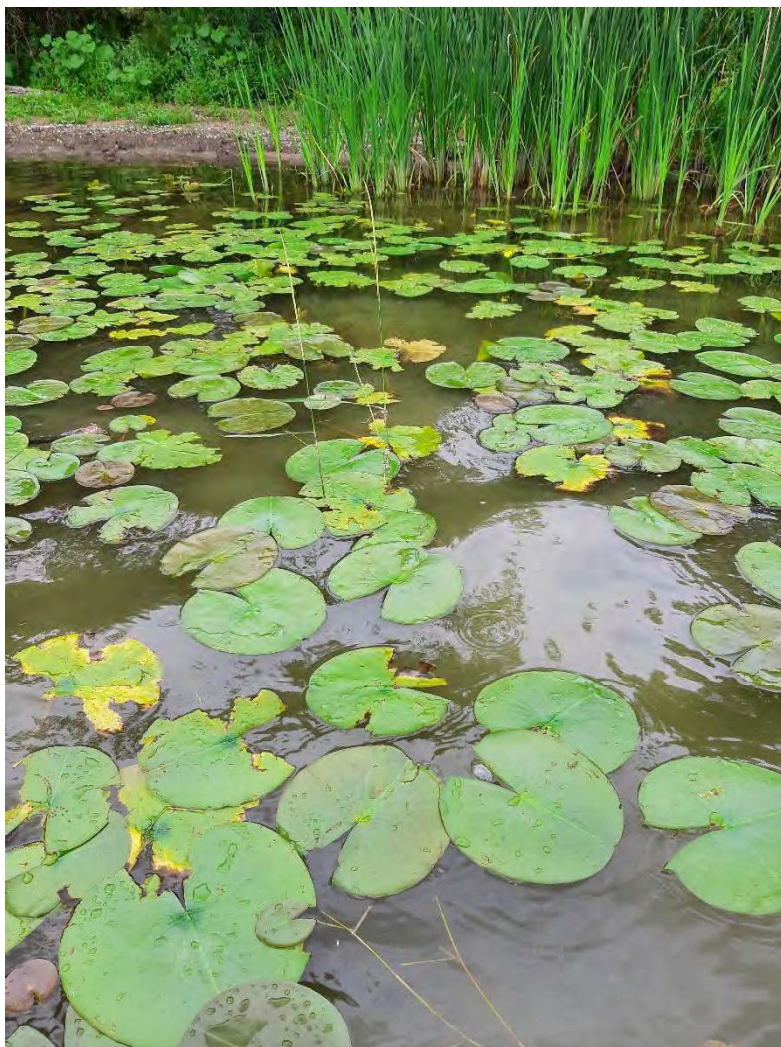
Projects funded through the 2022 Stormwater Management Grant Program are anticipated to reduce annual pollutant loading to District surface waters. Annual total suspended sediment (TSS) loading is expected to be reduced by approximately 4.7 tons, and annual total phosphorus (TP) loading is expected to be reduced by approximately 41 lbs.

**2023 Work Plan**

The District's Stormwater Management Grant and Water Quality Grant Programs will continue operation in 2023. Collectively, they offer over \$500,000 to District local governments, residents, businesses and other stakeholders who aim to implement water quality improvement capital projects and best management practices within the District.

IESFs at Hansen Park, Oasis Pond, and Ramsey County Ditch 11 will continue operation in 2023 and beyond, reducing sediment and nutrient loads from Ramsey County Ditches 2, 4 and 11, respectively. The Lower Rice Creek Stabilization Project will decrease nutrient loading to downstream Locke Lake and the Mississippi River.

The District will continue tracking water quality project information through the MS4Front database and utilize the information to monitor TMDL progress and reduce water quality treatment gaps on the landscape.



## Surface Water Monitoring

Surface water monitoring is a core function of the RCWD. The Monitoring Program Plan establishes monitoring goals and objectives, describes program organization, and identifies data quality objectives.

Monitoring data is used to inform an array of RCWD activities. Monitoring at long-term, fixed sites provides insight on resource condition and long-term water quality trends. Synoptic monitoring allows District staff to determine if projects achieve predicted water quality benefits, if similar projects should be pursued in the future, and how similar projects might be optimized to attain greater pollutant reductions. One-time (investigative) samples are also collected by the District typically to address a perceived transient or short-term water quality problem. Monitoring data is used to calibrate hydrologic, hydraulic, and water quality models that are relied upon by the District in implementation, collaboration, and regulatory efforts.

In addition to monitoring efforts conducted by RCWD staff, the District supports several volunteer monitoring programs. Volunteers monitor lake water quality through the Metropolitan Council's Citizen Assisted Monitoring Program (CAMP). Through Friends of the Mississippi River, volunteers in the Stream Health Evaluation Program (SHEP) track biological health by collecting and documenting aquatic macroinvertebrates. Several other organizations monitor District lakes and share collected data with the RCWD. The District partners with county conservation districts to measure lake levels. Finally, the District partners with the United States Geological Survey (USGS) to operate a stream gauging station on Rice Creek in Mounds View.

**Goals:** Monitor District resources to aide in the planning and evaluation of RCWD management activities.

**Measurable Goal:** Annually update and implement the RCWD Monitoring Schedule, guided by the RCWD Monitoring Program Plan.

The District has 5 policies to ensure adequate progress towards this goal.

### 2022 Activities:

In 2022, District staff collected 244 water samples on lakes, streams, and ditches; a total of 1,411 individual laboratory analyses were conducted. District staff regularly monitored 9 lakes throughout the watershed, collecting water samples and physical lake measurements (e.g. temperature, pH, dissolved oxygen). District partners and volunteers monitored another 18 lakes.

District staff monitored water quality and physical parameters at 12 long-term stream and ditch sites and at 3 synoptic sites.

The District continued its partnership with the U.S. Geological Survey to operate a continuous USGS stream gage on Rice Creek.

Aquatic plant surveys were conducted at 10 lakes to manage invasive species and qualify overall lake health.



District staff and the District engineer drafted an updated Monitoring Program Plan in 2022. The update considered the District's recently updated Watershed Management Plan (WMP) and ensured that the Monitoring program is well-positioned to support the goals and priorities of the Plan.

### **2023 Work Plan**

District staff will be finalizing and implementing an updated Monitoring Program Plan in 2023. District staff will monitor water quality and physical parameters on District streams and ditches, and partner with the USGS to operate their stream gage. District staff, cooperators, and volunteers will continue to monitor lake water quality throughout the watershed. The District will continue to support the SHEP program and conduct aquatic plant surveys on area lakes.



*Figure 6 Howard Lake*

## Surface Water / Groundwater Interactions

The District's role in the management of groundwater resources is primarily as a collaborator and advisor through funding stormwater reuse projects and directing infiltration where appropriate. The RCWD is also responsible for conforming with groundwater plans developed by relevant counties and will review and submit comments to the DNR for water appropriation permits.

**Goal:** Protect groundwater-reliant District resources by implementation of surface water management activities.

**Measurable Goal:** Promote implementation of at least 1 BMP annually that benefits groundwater-reliant natural resources, such as stormwater infiltration practices or stormwater reuse projects.

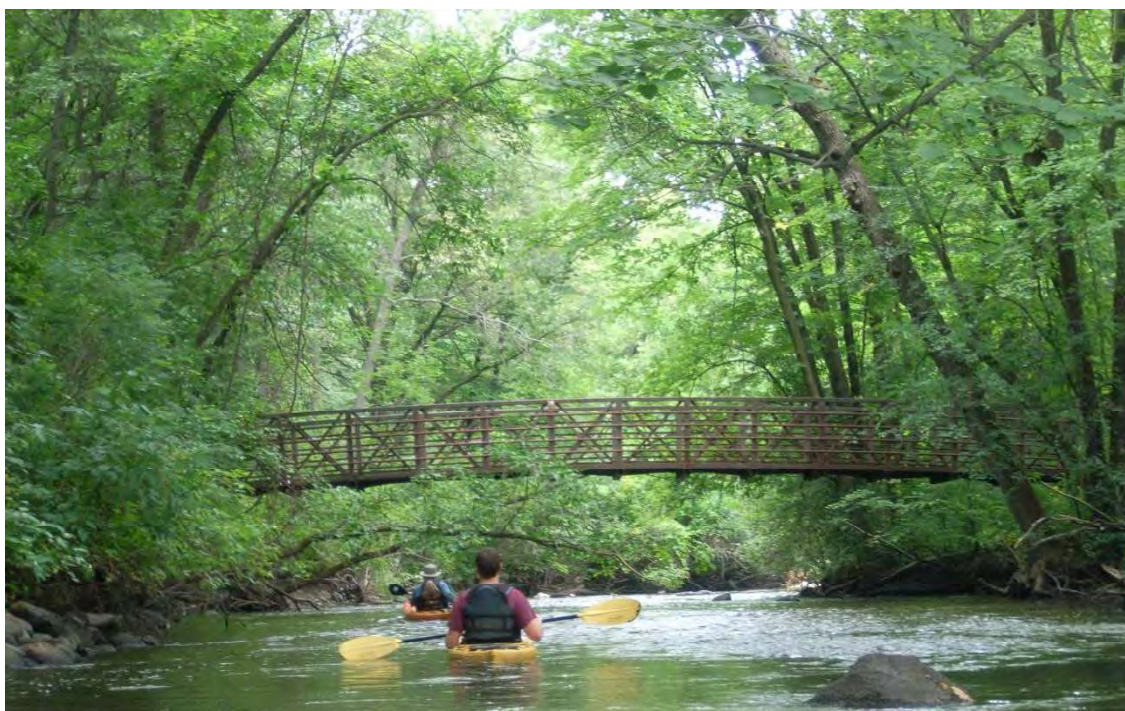
The District has 5 policies to ensure adequate progress in this category.

### 2022 Activities:

Updated GIS database by incorporating new wellhead protection plan (WHPP) information from its partner municipalities. This information is used to evaluate the feasibility of stormwater infiltration during District permit application reviews.

### 2023 Work Plan

Continue to promote the reuse of stormwater for its benefits to groundwater resources and improvement of surface water quality. Support and promotion can come through direct funding appropriation when a project is aligned with the 2020 WMP or through one of the District's grant programs. The District expects to continue developing these types of projects with its partners.



*Figure 7 Lower Rice Creek*



## Funding

The District has identified “Funding” as one of its nine management categories. The category is defined as, “Prioritized budgeting of costs for District programs and projects and identification of revenue sources.” There are two key issues within this category: Financing and Funding Sources *and* Funding Distribution.

### Financing and Funding Sources

The District needs reliable sources of funding and sound financial management policies in order to carry out its mission.

**Goal:** Develop and implement an effective framework for sourcing District and external financing and revenue to implement projects and programs to achieve the District’s goals.

**Measurable Goal:** Develop effective and actionable framework by 2022. Implementation of the framework to assess 100% of District program and capital improvement projects to address financing and funding needs consistent with the framework.

#### 2022 Activities:

Examined and revised its General Fund Balance Policy. The revision establishes a benchmark by which to provide a fund balance cash flow operating reserve. The reserve being comprised of two elements:

- An unassigned fund balance within the General Fund of not less than 40 percent of the General Fund budget.
- An assigned fund balance within the Implementation Fund of not less than 40 percent of the next year’s administrative budget lines.

This is to capture the administrative needs of each fund and the amount will fluctuate with each year’s specific budget objectives.

The District is attentive to its budget and works to document the allocation of funds. It included further documentation in the budget to provide clarity on fund use. The effort recognizes the importance of a reasonably consistent levy and its achievement through planning and saving for future needs. This includes the previously noted administrative cash flow reserve of both General Fund and its Implementation Administrative Budget, Restricted Funds, Committed Funds, Implementation Fund and Assigned Fund Balance. The definition of each classification follows:

- General Fund – covers the general administrative expenses of the District, including salaries, benefits, and office expenses.
- Implementation Administrative Budget – covers the administrative costs of preparing or amending the District’s plan and the administrative costs of implementation of the plan through projects and programs, pursuant to Minnesota Statutes Section 103B.241.
- Restricted Fund – amounts are subject to externally enforceable legal restrictions, such as funds levied in a Water Management District (WMD) which are restricted to the defined purpose.
- Committed Fund - amounts that can be used only for the specific purposes determined by a formal action of the government's highest level of decision-making authority, such as grant program awards. The commitments may be changed or lifted only by the government taking the same formal action that imposed the constraint originally.

- Program/Project Anticipation Fund – funds accumulated and committed as an alternative to issuing bonds to finance improvements based on findings as to the potential future need of funds for a particular purpose.
- Assigned Fund - amounts a government intends to use for a specific purpose.

RCWD values sound financial management policies to ensure financial stability of the District for the benefit of residents and businesses. The financing and funding of District efforts are carried out using a variety of funding methods. The Board of Managers strives to provide a balance between equity in paying for activities and a streamlined process minimizing administrative costs.

These financial methods can be grouped into two subcategories:

1. District-derived funds and
2. Outside funding sources.

The District can use ad valorem taxes (property tax to all taxable property within the District); the establishment of water management districts (WMDs) (property tax specific to local benefitted parcels, restricted funds) for the purpose of collecting revenues and paying for costs of projects initiated under 103D. Fees and charges are collected based on services provided for permit applications and other services.

The District also continues to apply for outside funding including state grant programs (Clean Water Fund). The Board of Water and Soil Resources' Watershed-Based Funding Program is proving to be a meaningful source of project funds for RCWD and its partners. RCWD used the first "round" of funds it received through this program as pass-through grants for its communities to implement eligible projects. RCWD awarded those funds in 2019 and 2020 and all funded projects were completed by the end of 2021. The second "round" of funding was allocated to the Peltier Centerville Backflow Feasibility Study – the next critical piece of information needed to begin implementation work under the Peltier and Centerville Lakes TMDL. The third round in 2022, BWSR allocated funds by watershed. The District convened eligible parties to collaborate and discuss potential projects ultimately putting forth to BWSR a slate of prioritized projects to implement the funds on the landscape. The District looks forward to working with its partners in 2023 to further resource projects using this funding during the next biennium (BWSR FY23).

The District can borrow funds to finance activities over the interim timeframe between project implementation and receipt of dedicated project funding. The District does not have any of the low-interest Clean Water Partnership Act Revolving Fund loans (from the MPCA) at this time.

The RCWD has frequently used the concept that the responsibility of paying for the completion of a project should be borne by and in proportion to the relative benefits received. When the benefits are regional in nature serving the public, ad valorem revenue is used. As the benefits become more localized, the different funding mechanisms will be considered, sometimes in combination.

RCWD developed its 2022 budget to align with the watershed management plan and deliver improved transparency for long-term financial stability. This is part of an effort to develop and implement an effective framework that supports balanced and steady District levy financing. There was a .91% levy increase (less than 1%) for 2022, yet as always a future year's changes in market value, economic conditions may require cutbacks or an increase in levy rate. The remainder of the

revenue came from water management districts, fees, grants, investment income, and use of the District's fund balance. The impact for a \$200,000 property was estimated at \$36 per year. The impact of the levy is down from past years; at which the RCWD portion of a \$200,000 property taxes was over \$40 a decade ago.

Fund balance reserves are an important component of the financial health of RCWD and ensure the District has enough funds to meet contingency and cash-flow needs. The District's 2022 budget followed the District's General Fund Balance Policy and maintained an unassigned 40%. The District fund balance also includes a process to save and self-finance future large projects. This "forced self-saving of funds" earmarks dollars for these future projects and eliminates the need to borrow funds and mitigates large swings or increases in the District's levy. The "forced self saving of funds" are identified in the 2023 budget under the project anticipation fund. These are financial best practices and as stated above in this section additional documentation in developing the 2023 budget.

### **Funding Distribution**

The Board of Managers continues to refine its process for prioritizing the funding and implementation of projects and programs using a variety of funding sources that are available to the District.

**Goal:** Prioritize funding of projects and programs to most effectively meet the goals of the District.

**Measurable Goal:** As a part of each annual budgeting cycle, re-evaluate prioritization of District capital projects for the upcoming 5-year period.

The District has established 2 policies to ensure adequate progress in this category:

The Board of Managers values the equitable prioritization of projects throughout the District. 100% of communities and counties participated in the development of the watershed management plan; all requested and identified projects were included. The Board of Managers complete an annual budget that considers the District's capital projects and the requests of our stakeholder communities. They may consider the following factors when establishing priorities:

- Location
- Sustainability
- Consistency with District Programs
- Consistency with local plan priorities
- Capital and maintenance costs
- Expected benefits
- Multiple benefits

The Board works to prioritize requests for financial assistance to preferentially place District-led and cooperative regional projects within those geographic locations which provide the most flood control and water quality benefits to the region. The intent of prioritizing is to facilitate decisions regarding which projects provide the greatest benefit within the District compared to the fiscal investment with the realization that this may not always be possible. In 2022, District staff continued to actively engage our partner communities regarding upcoming capital projects and budgetary needs for consideration in

developing the 2023 District budget. It is anticipated that several projects that were discussed through this effort will be able to be funded by the RCWD Board in the coming year.

When the prioritization of proposed projects based on the factors above are comparable, the Board will strive to ensure that geographic funding equity is maintained across the District.

### **2023 Work Plan**

Continue to develop a transparent budget in consideration of its mission and the needs of residents and stakeholders. The Board will re-evaluate prioritization of District capital projects and protection of past public dollar infrastructure investments during the annual budgeting cycle and continue to develop an effective framework for secure funding.

Evaluate any new concerns or assistance requests with consideration to the urgency of the problem, the nature of the District's responsibility, and the capacity of the District to respond (including available funding and staffing considerations). The Board requires that all cases be fairly considered and evaluated.

When the prioritization of proposed projects (based on the factors listed above) are comparable, the Board will strive to ensure that geographic funding equity is maintained across the District.



*Figure 8 Lower Rice Creek*

## Collaborations

The RCWD has identified “Collaborations” as one of its nine management categories. This category is defined as: “developing and maintaining positive, collaborative relationships and agreements with other agencies and partners to better carry out the District’s mission.” There are two key issues within this category: Collaborations with Local, State, and Federal Partners *and* Collaborations with Private Partners.

**\*\*See Outreach and Communications section for additional information.**

### **Collaborations with Local, State, and Federal Partners**

The RCWD has a long history of collaboration and partnership with federal, state, and local agencies. However, demands for District collaboration continue to increase.

**Goals:** Continue collaboration with local, state, and federal partners through project implementation, outreach programs, and city/county partner meetings to better carry out the District’s mission.

**Measurable Goal:** Hold 1 or more city/county partner meetings annually. It will also implement cost-share programs with public partners annually.

The District has 2 policies to ensure adequate progress in this category.

### **Collaborations with Private Partners**

The District must collaborate with private partners (e.g. landowners, businesses) to better carry out its mission.

**Goal:** Collaborate with private partners through voluntary action or cost-share incentives by effectively implementing the Natural Waterway Management Program, Stormwater Management Grant Program, and Water Quality Grant Program to achieve District and landowner goals.

**Measurable Goal:** Continue to fund its existing cost-share incentive programs annually.

The District has 2 policies to ensure adequate progress in this category.

### **2022 Activities:**

The District partners with its 28 member cities and townships and 4 counties (Washington, Ramsey, Anoka, and Hennepin) on various initiatives to complete or progress District goals.

The Municipal Capital Improvements – Early Coordination Program enables staff to work closely with cities and other agency partners to identify voluntary capital improvement opportunities for water quality and water quantity conservation. The program works to provide cities (and other qualified applicants) access to funds from the District’s Water Quality Grant Program and the Stormwater Management Grant Program.

The District helps municipalities through coordination of Local Water Planning efforts. As of 2021, 27 of the District’s 28 communities had approved plans. District staff worked with the City of Birchwood



Village, the remaining community, to approve their local water management plan. The plan received board approval at the December 14, 2022, meeting. All 28 communities now have RCWD Board-approved Local Water Management Plans.

The Modelling and Planning Program impacts the effectiveness of collaborations but also addresses water quality and flooding issues (see those sections for additional information). RCWD collaborated with The US Army Corps of Engineers to implement the Wetland Conservation Act (WCA) within our District. RCWD collaborated with FEMA about their Flood Insurance Rate Maps (FIRMs). RCWD also collaborated with the Met Council, DNR, MPCA, MDH, and the USGS on various water quality monitoring initiatives. RCWD continues to work with communities and surrounding watershed districts on its Boundary Management Program. Ongoing efforts to update watershed boundaries will continue in 2023.

The Stormwater Management Grant Program and the Water Quality Grant Program are two very successful incentive programs implemented annually. These cost-share programs also make funds available to our public stakeholders. The Stormwater Management Grant Program is a grant program that funds capital improvements constructed by counties, cities, townships, school districts, libraries, and other entities, to enhance water quality (e.g., sediment, nutrient, & chloride management), alleviate flooding issues, or increase groundwater recharge.

The District's cost-share programs have substantial impacts on water quality and flooding issues; they also support the efforts of programs including the Groundwater Management & Stormwater Reuse Assessment Program. Issue specific information on this program is included in the Water Quality and Flooding sections of this report.

Approved project funding for the 2022 Stormwater Management Cost Share Program is laid out in the table below:

Applicant	Project Title	Total Funding Amount
City of Fridley	Farr Lake and Danube Ponds Pretreatment Project	\$100,000
City of New Brighton	Public Works Facility Flood Mitigation Project	\$100,000
City of Roseville	C2 and Simpson Underground Infiltration	\$100,000
Ramsey County	Bald Eagle Blvd SAFL Baffle	\$25,000
Ramsey County	Silver Lake Road at Rice Creek Stabilization and SAFL Baffles	\$100,000
Washington County	CSAH 12 Improvements	\$10,000
TOTAL FUNDS COMMITTED:		\$435,000

The Water Quality Grant Program provides funding and assistance for landowners to install Best Management Practices (BMPs) or projects that aim to improve the quality of surface water within the District.

RCWD allocated \$175,000 for 2022 projects. 10 projects were completed in Ramsey County. Also in 2022, one project was completed in Washington County and one project was completed in Anoka County. Contractor scheduling continued to be an issue, so one additional large-scale project that was approved in 2021 in Anoka County will not be installed until 2022. This will allow the contractor to

coordinate a scheduled road construction project. This remaining project includes six curb cut raingardens. Consumer demand for contractors and the District's grant programs continued to be higher than usual due to more landowners doing home improvement and landscaping projects during the COVID-19 pandemic. The total approved funding for 2021 was approximately \$126,269 for 14 grant awards that include:

- 1 streambank stabilization project
- 6 shoreline stabilization and restoration projects
  - 2 were part of a partnership with the Bald Eagle Area Association
  - 1 was in partnership with White Bear Township at a public beach
  - 1 was in partnership with White Bear Lake at a public dog beach/park
  - 1 included an extra 15,000 square feet of upland turf grass conversion
  - 1 continued a Minnesota Water Steward partnership effort around Turtle Lake
- 7 curb cut raingardens
  - 6 of the raingardens were part of a partnership with the City of Fridley for installation in conjunction with street reconstruction projects
- 4 additional raingardens
- 1 permeable paver driveway

### **2023 Work Plan**

RCWD will hold at least two city-county partner meetings in 2023.

RCWD has allocated \$300,000 in 2023 to continue collaborations with our partners through the Stormwater Management Grant Program. RCWD increased its budget for the 2022 Water Quality Grant Program by \$25,000, allocating \$175,000 for projects to help meet the increased demand for the program and allow more funding for larger, targeted projects. The District continues its goal to expand the quantity and type of projects funded through the program by continuing to conduct outreach to the agricultural and rural landowners of the District. Rural landowners' input from the District's outreach and relationship-building efforts will be used to make program improvements. Additionally, in 2022 the District's goal is to prioritize targeting projects in TMDL areas, projects identified in completed sub watershed assessment reports, and projects that create new partnerships such as Minnesota Water Steward capstone projects.

The District plans to continue its partnerships with the City of White Bear Lake, White Bear Township, and the City of Fridley to add water quality treatment, like curb cut raingardens, in conjunction with City street reconstruction projects. The District plans to collaborate with the City of Mahtomedi on curb cut raingardens in a targeted sub watershed in 2022 in partnership with the Washington Conservation District. Staff are also partnering with the Anoka Conservation District on a Centerville Lake sub watershed assessment report that will likely be completed in 2022 to help target projects in Centerville.



## Regulatory

RCWD has identified “Regulatory” as one of its nine management categories. The category is defined as, “administration of District rules to manage District water resources.” There are three key issues within this category: District Rules, the District’s Role as WCA Authority, and Permitting and Enforcement.

### **District Rules**

The District has adopted a set of rules to guide its decision-making regarding stormwater management, soil erosion and sediment control, floodplain alterations, wetland alterations, illicit discharge, and other activities within the boundaries of the District. These rules also incorporate the State’s NPDES and MS4 requirements.

**Goal:** Ensure that implementation of District rules adequately protects RCWD resources while providing enough flexibility that the program does not unreasonably hinder land use.

**Measurable Goal:** Implement the District’s rules through the permitting program and will solicit stakeholder input on the District rules every five years.

The District has 2 policies to ensure adequate progress in this category.

The current RCWD regulatory rules were adopted by the Board of Managers for implementation on January 1, 2021. Consistent with the policy in the Watershed Management Plan, the District plans to evaluate the need for additional rule revision in 2023.

### **District’s Role as Wetland Conservation Act (WCA) Authority**

The District is responsible for the implementation of WCA (as augmented by the CWPMPs) to achieve no net wetland loss while recognizing the need to develop land and manage the maintenance/repair of public drainage systems.

**Goal:** Fulfill the District’s responsibility as the designated WCA LGU, as outlined in MN Rule 8420.

**Measurable Goal:** Implement the District’s wetland permitting program and annually report the LGU administration of the rule.

The District has 3 policies to ensure adequate progress in this category.

### **2022 Activities:**

Local Government Unit (LGU) responsible for the implementation of state Wetland Conservation Act (WCA), except for within the cities of Hugo, Circle Pines, and Mounds View, or associated projects on state lands, such as those involving MnDOT and the DNR.

RCWD maintains a set of rules that govern wetlands within special areas of the District, which are known as CWPMP areas. The CWPMP rules were developed as a component of Resource Management Plans (RMPs), which were developed for several locations in the District experiencing rapid urbanization, and included wetland management, public drainage systems, and water quality/quantity management considerations. The CWPMPs, RMPs, and Rule F were implemented as an effort to balance the responsibilities of the RCWD as LGU for the WCA, drainage authority for MS 103E public drainage

systems, and as a manager of water quality and quantity.

Reported all 2022 WCA activity to the Board of Water and Soil Resources (BWSR) and will complete an audit review of Circle Pines, Hugo, and Mounds View as permitting administration cities within the District that have accepted the LGU responsibility.

### **2023 Work Plan**

- Continue its administration/implementation of the WCA and CWPMPs.
- Review and notice all WCA applications



*Figure 9 Ditch Maintenance*

## Permitting and Enforcement

In accordance with District rules, permits are issued to protect public health and welfare and the District's natural resources.

**Goal:** Create efficiency and flexibility in the permitting process, while maintaining the intent of the rules.

**Measurable Goal:** Survey permit applicants to consider solutions to issues of stormwater and wetland permit flexibility, at least once during the 10-year implementation period of the Plan.

The District has 3 policies to ensure adequate progress in this category.

### 2022 Activities:

Continued to implement an efficient regulatory program. The District remains committed to improving the application review process with simplified "insufficient" emails, increased phone calls on application review status, and pre-application meetings. The District has also transitioned to electronic permit application submittals to improve regulatory process speed, reduce burden on applicants, and reduce the amount of hard copy files retained at the District office.

The updated permit application fee schedule was adopted by the Board on December 9, 2021, and implemented on January 1, 2022. After one year of application, the fee schedule has been successful in meeting the goals of the Board of Managers. No changes were recommended to the fee schedule, with further analysis after gathering more data in 2023.

The District has a publicly available GIS viewer which is found on the front page of the District's website. The viewer contains map layers for roads, waterways, floodplains, RCWD's public drainage system (ditches and tiles), wetlands, topography, aerial imagery, and more. The viewer is intended to assist landowners, cities, consultants and others in planning. In addition, RCWD completed its first full year of a new permit database, MS4Front. The database has improved RCWD's effectiveness in tracking permits, stormwater BMPs, inspection reporting, and annual MS4 reporting among other benefits.

The cities of Circle Pines and Hugo continued to assume administrative delegation of District Rules C, D, E, and F. The City of Mounds View began its first year of similar administration. Staff continue to provide support to these cities when requested (e.g. questions on rule administration, etc.) and will complete the annual audit in the near future to ensure proper administration of District rules/standards.

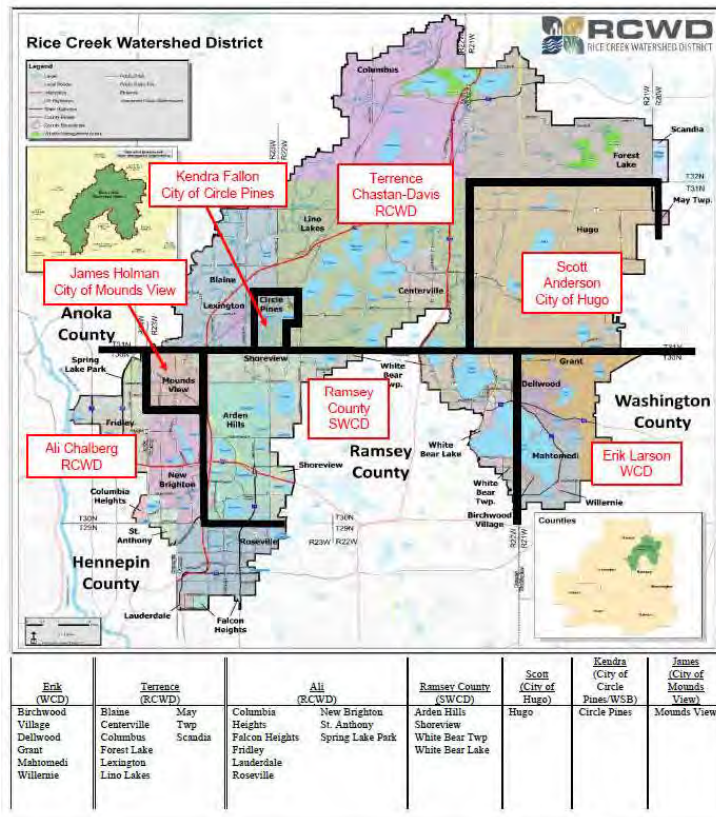
### Inspections

The RCWD is geographically subdivided into inspection areas served by separate staff with multiple duties (not including the City of Hugo, the City of Circle Pines, and the City of Mounds View who have permitting authority for RCWD Rules C, D, E, and F—see map below). The RCWD continues to contract with the Ramsey County Soil & Water Conservation Division (SWCD) (formally Ramsey Conservation District) for inspection services within a portion of the District. The inspection service agreement term with Ramsey County SWCD will end in December 2024. The relationship with Ramsey County SWCD continues to substantially contribute to the RCWD's overall inspection activity. Moving into 2022, RCWD inspectors are fully staffed capacity. The map on the right shows the current inspector areas within the District.



**Rice Creek Watershed District**  
**Inspector Area Map**  
 December 29, 2022

Inspector Contact Information  
 Ali Chalberg (RCWD)- schalberg@ricecreek.org / 763-398-3078  
 Terrence Chastan-Davis (RCWD)- tchastandavis@ricecreek.org / 763-398-3074  
 Kendra Fallon (City of Circle Pines/W/SB)- kfallon@wsb.org / 612-201-1361  
 Scott Anderson (City of Hugo)- sanderson@ci.hugo.mn.us / 651-762-4326  
 James Holman (City of Mounds View)- james.holman@moundsviewmn.org / 763-717-4035  
 Erik Larson (Washington Conservation District)- elarson@mnawcd.org / 952-500-0525  
 Justin Townsend (Ramsey County SWCD)- justin.townsend@co.ramsey.mn.us / 651-266-7277



The District began a new partnership with the City of Centerville in the spring of 2021. RCWD entered into a Joint Powers Agreement (JPA) with the city for erosion and sediment control inspection services to assist with meeting the requirements of Minimum Control Measure (MCM). A JPA amendment will be executed early March 2023.

Through this pilot partnership program, RCWD conducts erosion and sediment control inspections for City/District permitted projects, regularly communicates with the city on permitted projects, partners on necessary enforcement action to influence permit compliance, and the District bills the city at a specified hourly rate for its services under the JPA. RCWD and the city will evaluate the program in 2022 to determine if the JPA will be extended.

The RCWD inspectors continue to maintain a regular presence on active construction sites while balancing the need to resolve older, inactive/historical

permits. Inspectors will proceed with efforts to avoid creating more historical permits. Inspectors review the historical permit list annually; this review routinely shows a decrease in the number of outstanding historical permits. Regulatory staff will continue to annually review the list of inactive/historical permits and make efforts to close open permits.

Inspectors will continue working towards the established goals of inspecting each active construction site at least once a month and contacting permittees at least once per year for inactive/historical or stabilized sites with remaining permit requirements.

The following table shows the quantification of permit applications, inspections, and enforcement actions from 2020 – 2022 (last three years):

Year	2020	2021	2022
Review Files (WCA-only decisions, complaint files, and other site reviews)	260	340	297
Permit Applications	121	137	118

General Permits Issued		98	138	108
Variances Issued		5	2	1
Enforcement Actions Taken		0	0	0
Construction sites inspected		228	225	242
Notices of violation - includes all inspection reports issued containing at least one non-compliant item (including minor compliance issues)		113	80	98
Total inspections		648	637	729
Stop work orders (10-day notice)		5	8	5
Frequency at which construction site inspections are conducted		Weekly	Weekly	Weekly
Permits closed		125	118	83
Previously permitted sites inspected for permanent Stormwater BMP maintenance		0	1	1
Board Orders		0	1	0

#### 2022 Activities:

- Received 118 Permit applications
- 108 permits were issued in 2022; this includes applications from 2022 and previous years

The District measures the success of permit review by the issuance of permits and the closure of permits. District inspectors review permits to ensure that they are meeting the permit obligations. When deficiencies are observed inspectors continue to document the issues and actively work with applicants to bring their sites into compliance.

#### 2023 Work Plan

- Ensure that permits are processed in a timely and professional manner
- Continue improvements to the regulatory department to increase efficiencies of permit processing
- Utilize the District database (MS4 Front) to administer permitting, increase inspection efficiency, assist the District with MS4 permit compliance tracking (permitting and regulatory administration), and meet other program needs
- Work with cities to ensure that the RCWD rules are well-understood by city staff through RCWD partnership meetings and direct communications with municipalities and shared applicants.
- Ensure the District's permit program and responsibilities as the WCA Local Government Unit (LGU) are applied fairly and uniformly throughout the District

- Continue acceptance of electronic permit application materials to make files more accessible and use less office space
- Ensure permit holders and municipalities are using and encouraging proper erosion control measures at development sites through regular site inspections
- Continue to provide best project value to citizens by expending local efforts in coordinated regulation of MnDOT design-build approach to projects
- Improve readability of regulatory materials on the District's website
- Continue to hold an annual/semi-annual RCWD and consulting engineer permit team training seminar
- Continue to encourage early project coordination with pre-application meetings
- Utilize an enforcement memo to determine "level of risk" for permit compliance
- Work with the City of Mounds View through the first permitting audit since adopting standards equivalent to the District's standards
- Continue contracted erosion and sediment control inspections under a new JPA with the City of Centerville and evaluate its effectiveness at the end of 2022
- Continue to coordinate with Ramsey SWCD and Washington Conservation District for inspection services under agreements
- Review historic permit files and develop strategies for closure
- Review need for revision to the regulatory rules



*Figure 10 Inspection*



## Communications, Outreach, and Education

The District has identified “Communications, Outreach, and Education” as one of its nine management categories. The category is defined as, “Implementation of effective outreach efforts related to District priorities, policies, activities, and projects. Outreach efforts tailored to four main audiences: General Public; Counties; Cities; and State Agencies.”

**Communications and outreach efforts were documented and aligned with the requirements of the MS4 permit.**

### **Communication Opportunities and Strategies**

RCWD must identify and implement communication strategies and education opportunities for stakeholders to facilitate informed decision-making related to District resources.

**Goal:** Communicate with District constituents to define RCWD priorities and available data, to highlight activities and projects, and receive constituent input

#### **Measurable Goals:**

- Participate in at least 6 constituent meetings annually (homeowners’ associations, lake associations, neighborhood groups, or other city-hosted events).
- Post monthly updates to District social media platforms.
- Complete an information sheet and maintain current project information on the District website for all RCWD capital improvement projects.
- Complete an annual report and post it on the District website.

#### **2022 Activities:**

- Daily to weekly updates and informational articles posted on social media platforms.
- Annual report completed and posted on website.
- Website updated weekly/monthly when applicable.
- New “About RCWD” informational sheet created for handout and distribution purposes.
- Engaged citizens to promote sustainable stewardship of lakes, wetlands, and other bodies of water. Volunteer programs include the Minnesota Water Steward Program and Stream Health Evaluation Program (SHEP) were implemented.
- Supported communities and regional partners in their outreach efforts by providing content, resources, and appropriate assistance. This included; shared content and materials, creation of targeted materials, expertise, and cost-share and incentive programs for partners to use with (including but not limited to) newsletters or community publications, social media and websites, community events or presentations, school programs, targeted audience or topic outreach, or implementation of a BMP program.
- Shared information on District programs, projects, policies, priorities, and activities with stakeholders (including cities, townships, counties, legislators and legislative staff, state officials and staff, and partner organizations) using appropriate methods and strategies.

## Resources for Adequate Outreach, Communication, and Education

**Goal:** Ensure adequate resources are available to District constituents to ensure broad communication of the District's mission.

**Measurable Goal:** Distribute at least 6 articles per year to partners and media on topics supporting the District's mission and produce/provide stormwater-related outreach materials to District partners at least two times per year.

The District has 4 policies to ensure adequate progress in this category.

### 2022 Activities:

- Participated and hosted multiple workshops with partners for residents, contractors, staff, and professionals throughout the district, including
  - Blue Thumb and partner workshops related to Landcare, BMP maintenance, wetlands
  - development of a shoreline workshop and a land care academy
  - White Bear Lake raingarden workshops Fortin Consulting, MPCA, and other partners to deliver 1 winter maintenance (smart salting) workshops and promoted others
- Conference and Symposium Support
- RCWD staff served on the planning committees and presented at a number of conferences including the Minnesota Association of Watershed Districts annual conference and the MN Water Resources Conference
- Attended over 5 table events with local libraries, community centers, and non-profit organizations to share educational materials, talk with residents, and present on stormwater topics.
- RCWD actively supported community and regional outreach efforts including East Metro Water Resource Education Program (EMWREP), Anoka County Water Resource Outreach Collaborative (AWROC), Blue Thumb (and Lawns to Legumes), and Metro Watershed Partners
  - Provided support to communities interested in the Adopt a Drain program and collaborated on the Anoka Adopt a Drain Challenge (an initiative to increase Adopt a Drain participation and reporting)
  - Implemented targeted outreach efforts for churches and community buildings
  - Assisted communities with priority efforts – HOA communication, stormwater ponds, pet waste.
- Provided assistance and resources to public groups including lake associations, HOAs, and neighborhood associations
- Supported various educational video projects with partners, including Anoka County Soil and Water Conservation District.
- Supported water quality and native plant projects from a non-profit, Growing Green Hearts
- Submitted over 6 articles for community newspapers and newsletters – varied topics and district updates.
- Utilized outreach toolkits for priority topics and audiences
- Provided event handouts and displays for various events across the district.
- Provided materials to local schools for education purposes such as water quality books, activity books, and coloring books.
- Collaborated with stakeholders to improve regional communication on stormwater and other shared priority issues.

## Volunteer Groups

### Minnesota Water Stewards Program

- Partnership with Freshwater
- 1 steward completed the program in 2022
- 2 stewards recruited for 2022-2023

### Stream Health Evaluation Program (SHEP)

- Volunteers that monitor water quality in area lakes
- In collaboration with Friends of the Mississippi River

### Adopt- A- Drain- 2022 Results

- Collected 7,737.1 lbs. of debris
- 138 new participants
- 262 new drains adopted

The District implemented three incentive programs with two specifically targeting individuals (the Mini Grant and Water Quality Programs). \$10,000 was provided through the Mini-Grant program in 2022. A total of 23 mini-grants were issued: 2 grants for rain barrels, 2 grants for low-mow turf, 2 grants for water outreach and education, and 17 for native plantings. Of the 23 mini grant awards, 2 awards were forfeited.

## 2023 Work Plan

- Continue grant programs.
- Continue to host city-county partner meetings. 2023 partner meetings will take place in the first and fourth quarters of the year.
- Continue to host workshops related to stormwater, water quality, and other district-related topics with watershed districts, Blue Thumb, EMWREP, and other partners.
- Continue support for MN Water Stewards Program, East Metro Water Resource Education Program (EMWREP), Anoka County Water Resource Outreach Collaborative (AWROC), Blue Thumb (and Lawns to Legumes), and Metro Watershed Partners, and other non-profit organizations.
- Continue volunteer programs with partners.
- Continue to work on the redesign of the RCWD website. It is anticipated to be completed at the end of 2023.
- Develop informational, outreach, and educational materials and programs for targeted audiences including local governments, legislators, citizens, educators, the development community, special interest organizations like lake associations and homeowners' associations, and other audiences that use the services of the District.



Figure 11 Storm Drain Stenciling

- Provide support and materials for community partners in their communication, outreach, and education efforts, when possible, especially when those efforts are in collaboration with the District and its programs or requirements.
- Utilize and support collaborative outreach to enhance content, materials, and resources for communication, outreach, and education by the District.



*Figure 12 Matt Kocian with University of Minnesota students*





## **ITEMS REQUIRING BOARD ACTION**

4. US Sitework, Inc. Partial Pay Request #4 Anoka County  
Ditch (ACD) 53-62 Main Trunk Repair Project (Ashlee Ricci)



# MEMORANDUM

## Rice Creek Watershed District



**Date:** April 5, 2023  
**To:** RCWD Board of Managers  
**From:** Ashlee Ricci, Public Drainage Inspector  
**Subject:** Anoka County Ditch 53-62 US Sitework, Inc. Partial Pay Request #4

---

### Introduction

The Board is being asked to consider approval of the third partial pay request from US Sitework, Inc. for the Anoka County Ditch (ACD) 53-62 Main Trunk Repair.

### Background

US Sitework, Inc. has performed traffic control and completed tree removal from I-35W to Lexington Avenue. All work has been certified by the District Engineer.

Partial payment #4 totals \$20,737.31. The Watershed Management Plan describes the development and purpose of the ACD 53-62 Water Management District (WMD). Per Board resolution 2021-19, costs of the repair are to be allocated between the WMD at 60 percent (\$12,442.39) and the District as a whole (ad valorem) at 40 percent (\$8,294.92).

Staff concurs with the District Engineer's recommendation (attached) that the pay request is accurate and ready for approval. RCWD will hold a 5% retainage on this contract.

### Staff Recommendation

District staff recommends that \$20,737.31 be issued to US Sitework, Inc. as detailed in Partial Payment #4.

***Proposed Motion #1:*** Manager \_\_\_\_\_ moves to approve US Sitework, Inc.'s pay request #4 as submitted and certified by the District Engineer and directs staff to issue a payment in the amount of \$20,737.31, seconded by Manager \_\_\_\_\_.

### Attachments

HEI Technical Memorandum (04-04-2023)  
Partial Payment Documentation

# Technical Memorandum

---

**To:** Nick Tomczik, RCWD  
Ashlee Ricci, RCWD  
**From:** Chris Otterness, PE  
**Subject:** ACD 53-62 Main Trunk Repair Project Partial Payment #4  
**Date:** April 4, 2023  
**Project:** 5555-0255

---

The purpose of this memorandum is to recommend Partial Payment #4 to US SiteWork, Inc. for the ACD 53-62 Main Trunk Repair Project.

## Project Update

In the last 3 months, the contractor has performed traffic control and cleared trees along the ditch from Lexington Avenue to Interstate 35W.

## Payment Application Review

We have reviewed the materials submitted by US SiteWork, Inc.. We have verified the items for which payment have been requested have been completed.

The following is a summary of payment:

Work Completed to Date:	\$ 79,421.25
Less 5% retainage:	\$ 3,971.06
<u>Less previous payments:</u>	<u>\$ 54,712.88</u>
Pay Request for this estimate:	\$ 20,737.31

A detailed summary of work completed and partial payment certification are attached.

## Recommendation

We recommend authorization of Partial Payment #4 in the amount of \$20,737.31 to US SiteWork Inc. for work completed under this pay request.

ACD 53-62 Main Trunk Repair Project  
 Partial Payment #4  
 3/31/2023

Item Code	Item Description	Units	Unit Price	Contract		Completed to Date		% Completed
				Quantity	Extension	Quantity	Extension	
1	Mobilization	LS	\$58,280.00	1	\$58,280.00	0.6	\$34,968.00	60%
2	Traffic Control	LS	\$1,515.00	1	\$1,515.00	0.75	\$1,136.25	75%
3	Temporary and Permanent Removals	LS	\$1,650.00	1	\$1,650.00	1	\$1,650.00	100%
4	Tree Clearing (P)	Acre	\$14,300.00	6.6	\$94,380.00	2.25	\$32,175.00	34%
5	Excavation of Existing Channel (P)	Ln Ft	\$6.00	5850	\$35,100.00	0	\$0.00	0%
6	Spreading and Smoothing of Spoils (P)	Ln Ft	\$10.00	4150	\$41,500.00	0	\$0.00	0%
7	Excavation of Access Ramp (CV) (P)	Cu Yd	\$5.00	1400	\$7,000.00	1000	\$5,000.00	71%
8	Haul and Place in Disposal Area (LV) (P)	Cu Yd	\$18.00	2870	\$51,660.00	0	\$0.00	0%
9	Curb and Gutter, Design D	Ln Ft	\$65.00	60	\$3,900.00	32	\$2,080.00	53%
10	SWPPP Documentation & Reporting	LS	\$4,500.00	1	\$4,500.00	0.2	\$900.00	20%
11	Seeding and Mulch (P)	Acre	\$2,300.00	6.6	\$15,180.00	0	\$0.00	0%
12	Silt Fence, Type PA	Ln Ft	\$2.70	712	\$1,922.40	560	\$1,512.00	79%
13	Erosion Control Blanket Cat. 3	Sq Yd	\$1.20	4100	\$4,920.00	0	\$0.00	0%
14	Rock Construction Entrance	Ea	\$2,575.00	1	\$2,575.00	0	\$0.00	0%
15	Extend and Stabilize Stormwater Outfall	Ea	\$21,550.00	2	\$43,100.00	0	\$0.00	0%
16	Clay Borrow (P)	Cu Yd	\$90.00	12	\$1,080.00	0	\$0.00	0%
17	Topsoil (P)	Cu Yd	\$60.00	17	\$1,020.00	0	\$0.00	0%
18	Remove and Seal Stormwater Outfall	Ea	\$1,500.00	1	\$1,500.00	0	\$0.00	0%

TOTAL

\$370,782.40

\$79,421.25

Retainage 5%	\$3,971.06
Previous Payments	\$54,712.88
TOTAL DUE	\$20,737.31

## PARTIAL PAYMENT CERTIFICATION

OWNER: Rice Creek Watershed District  
ENGINEER: Houston Engineering Inc.

PROJECT: ACD 53-62 Main Trunk Repair  
Project  
CONTRACTOR: US SiteWork, Inc.

PARTIAL PAYMENT: #4  
PERIOD OF ESTIMATE: 12/31/22 – 3/31/23

### CONTRACT CHANGE ORDER SUMMARY

No.	Deduction	Additions
001		\$ 2,898.90
002		\$15,438.00
003		\$0.00
Totals		
Net Change to Contract		\$18,336.90

### CONTRACT TIME:

Original Days:	422
Revisions:	1
Days Remaining:	93 (substantial completion)
On Schedule (y/n):	Y
Starting Date:	May 26, 2022
Substantial Completion	July 2, 2023
Projected Completion:	October 1, 2023

### ESTIMATE

Original Contract Amount.....	\$ 370,782.40
Change Orders.....	\$ 18,336.90
Revised Contract Amount.....	\$ 389,119.30
Completed to Date Amount.....	\$ 79,421.25
Materials On-Site.....	\$ 0
Subtotal.....	\$ 79,421.25
Retainage.....	\$ 3,971.06
Previous Payments.....	\$ 54,712.88
Amount Due This Payment.....	\$ 20,737.31

(see attached breakdown)

### CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that to the best of their knowledge, information and belief, the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the Contractor for work for which previous payment estimates were issued and for which payments were received from the Owner, and that current payment shown herein is now due.

RELEASE OF CLAIMS AND WAIVER OF LIEN: NOW THEREFORE, upon receipt of the above payment amount, the undersigned does hereby irrevocably releases and waives any and all claims for payment of any type for any work up through and including the date of this application, and irrevocably releases and waives all bond claims, construction liens, mechanic's liens, and/or other liens, or right to claim any against the above project or any part thereof.

Contractor: US SiteWork, Inc

By: 

Date: 4/4/2023

### ENGINEER'S CERTIFICATION

The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.

Engineer: Houston Engineering, Inc.

By: 

Date: 4/4/23

### OWNER'S APPROVAL

Owner: Rice Creek Watershed District

By: \_\_\_\_\_

Date: \_\_\_\_\_

## **ITEMS REQUIRING BOARD ACTION**

5. Check Register Dated April 12, 2023, in the Amount of \$107,276.00 Prepared by Redpath and Company



**Rice Creek Watershed District**  
**Check Register**  
**March 23, 2023 - April 12, 2023**  
**To Be Approved at the April 12, 2023 Board Meeting**

Check #	Date	Payee	Description	Amount	
25042	03/22/23	Peterson Companies, Inc.	Construction	\$33,012.50	<b>Paid 03/22/23</b>
25043	04/03/23	Postmaster	Legal Notices	549.60	
25044	04/12/23	Agri Drain Corporation	Construction	157.88	
25045	04/12/23	Anoka County	Training and Education	149.43	
25046	04/12/23	Barr Engineering	Engineering	7,118.00	
25047	04/12/23	Career Enhancement Options, Inc.	Professional Services	2,573.75	
25048	04/12/23	City of Shoreview	Professional Services	500.00	
25049	04/12/23	Comcast	Telecommunications	506.01	
25050	04/12/23	GHA Technologies	Computer Equipment	155.00	
25051	04/12/23	KE Properties, LLC.	ACD 53-62 WMD Refund	271.38	
25052	04/12/23	League of MN Cities Insurance Trust	Contracted Services	302.00	
25053	04/12/23	ODP Business Solutions, LLC.	Office Supplies	252.68	
25054	04/12/23	Print Central	Legal Notices	319.57	
25055	04/12/23	Rymark	Computer Equipment	3,605.85	
25056	04/12/23	Tech Sales Co.	Equipment	1,666.00	
25057	04/12/23	Timesaver Off Site Secretarial, Inc.	Professional Services	305.63	
25058	04/12/23	Twin City Fab, Inc.	Construction	4,524.16	
25059	04/12/23	U.S. Bank Equipment Finance, Inc.	Equipment Lease	249.98	
25060	04/12/23	Washington Conservation Dist.	Contracted Services	795.90	
25061	04/12/23	Washington County Taxation	Professional Services	12.00	
25062	04/12/23	Zayo Group, LLC	Telecommunications	1,243.89	
11310	04/12/23	Troy Lund	Surety Release - #17-054	1,000.00	
11311	04/12/23	Joel Vancanneyt	Surety Release - #17-004	1,000.00	
Payroll	04/14/23	April 14th Payroll (estimate)	April 14th Payroll (estimate)	26,195.11	
EFT	04/12/23	Wex Bank	Vehicle Fuel	55.99	
EFT	04/12/23	Xcel Energy	Telecommunications	13.23	
EFT	04/12/23	Xcel Energy	Telecommunications	14.21	
EFT	04/12/23	Card Services-Elan	March/April Credit Card	1,926.79	
EFT	04/14/23	Internal Revenue Service	04/14 Federal Withholding (estimate)	10,140.39	
EFT	04/14/23	Minnesota Revenue	04/14 State Withholding (estimate)	1,825.00	
EFT	04/14/23	Empower Retirement	04/14 Deferred Compensation	825.00	
EFT	04/14/23	Empower Retirement	04/14 Roth IRA	265.00	
EFT	04/14/23	PERA	04/14 PERA (estimate)	5,744.07	
<b>Total</b>				<b>\$107,276.00</b>	

## **ITEMS FOR DISCUSSION AND INFORMATION**

1. ACD 53-62 Main Trunk Repair Change Order and Project Update (Ashlee Ricci)

# MEMORANDUM

## Rice Creek Watershed District



**Date:** March 29, 2023  
**To:** RCWD Board of Managers  
**From:** Ashlee Ricci, Public Drainage Inspector  
**Subject:** ACD 53-62 Main Trunk Repair Update – Change Order #3

---

### **Introduction**

The District Board on April 27, 2022 awarded ACD 53-62 Main Trunk Repair to US SiteWork, Inc and authorized the District administrator to transmit notice to proceed and sign task/change orders.

### **Background**

The District and U.S. SiteWork entered a contract to repair Anoka County Ditch 53-62 Main Trunk. The contract required that work on the repair be completed by July 2, 2023. U.S. SiteWork has requested an extension to this timeline due to site conditions and unfavorable winter conditions.

District staff and the engineer have reviewed the request and discussed with U.S. SiteWork, and concluded that a change in contract timing is acceptable. Specifically, the substantial completion date will remain July 2, 2023, but the final completion date will be extended to October 1, 2023 to allow the contractor to meet MnDOT fall seeding requirements for optimal vegetation establishment. This change will not increase the project cost and has been documented in a change order.

This item is informational only.

## **ITEMS FOR DISCUSSION AND INFORMATION**

2. District Engineer Update and Timeline



## District Engineer - Monthly Project Report March 2023 Rice Creek Watershed District



Date Prepared:  
Prepared by:

3-Apr-23  
M. Sikkink & C. Otterness

Project Name	Task Order Manager	Estimated Budget	Cost to Date	Remaining Budget	Project Complete / Transfer Funds?	Estimated Progress Based on Work Completed	Percentage of Budget Utilized	Within Budget? (Y/N)	District Billed for Exceedence of Budget? (Y/N)	Initial Target Completion Date	Items of Interest / Concern
Anoka County Ditch 53-62 Main Trunk Repair Design and Construction	Chris Otterness	\$111,900	\$72,825	\$39,075	N	65.0%	65.1%	Y	N/A	31-Dec-22	Tree clearing and grading work continues.
MS4Front Annual Subscription and Implementation Services	Brian Fischer	\$16,000	\$1,646	\$14,355	N	25.0%	10.3%	Y	N/A	31-Dec-23	Additional implementation efforts have been completed by HEI at District staff request.
GIS and Ditch Records Maintenance	Brian Fischer	\$16,000	\$5,423	\$10,578	N	25.0%	33.9%	Y	N/A	31-Dec-23	HEI completes updates to various GIS layers utilized in MS4Front and DrainagedB.
2022 Public Drainage Systems Level 2 and 3 Inspections	Chris Otterness	\$9,000	\$7,567	\$1,433	Y	100.0%	84.1%	Y	N/A	30-Jun-22	Drone flights of several drainage systems and a field survey have been completed. As-built drawings are currently being prepared.
Climate Change and Floodplain Resiliency	Bret Zimmerman	\$84,182	\$50,335	\$33,848	N	60.0%	59.8%	Y	N/A	30-Jun-23	Mapping of future flood risk has been prepared for use in stakeholder and public engagement activities
Ramsey County Ditch 4 Repair Report	Chris Otterness	\$35,000	\$15,836	\$19,164	N	45.0%	45.2%	Y	N/A	1-Oct-22	A preliminary plan set and repair report have been developed for internal review
AWJD 3 Branches 1, 2, and 4 Engineering Design and Bidding	Chris Otterness	\$54,000	\$22,906	\$31,094	N	40.0%	42.4%	Y	N/A	31-Dec-22	Plans and specification are now being advertised for bids.
ACD 10-22-32 Evaluation of Maintenance Alternatives	Chris Otterness	\$21,500	\$14,441	\$7,059	N	95.0%	67.2%	Y	N/A	31-Dec-22	A memorandum evaluating maintenance alternatives has been completed and will be presented at an April 26 public information meeting
Hansen Park FEMA LOMR Modeling Support	Chris Otterness	\$9,800	\$4,045	\$5,755	N	40.0%	41.3%	Y	N/A	31-Oct-22	HEI is beginning to prepare modeling products for use by the City of New Brighton in a FEMA submittal.
RCD 2, 3, & 5 Basic Water Management Project	Joe Lewis	\$167,500	\$75,461	\$92,039	N	30.0%	45.1%	Y	N/A	2-May-23	Preliminary plans for all three sites are continuing in development.
Centerville FEMA LOMR Modeling Support	Bret Zimmerman	\$16,900	\$22,945	(\$6,045)	N	95.0%	135.8%	N	N	31-Jan-23	HEI has completed meetings with the DNR and is developing models for submittal to FEMA
Centerville Lake WMD Alternative Assessment Methods	Chris Otterness	\$8,500	\$3,248	\$5,252	N	40.0%	38.2%	Y	N/A	28-Feb-23	HEI is beginning to review alternatives for allocating WMD charges for Centerville Lake internal loading reduction
Comprehensive Wetland Protection and Management Plans Annual Reporting - 2022	Chris Otterness	\$17,000	\$14,208	\$2,792	N	95.0%	83.6%	Y	N/A	6-Feb-23	HEI has prepared a draft report of the CWPMP annual report for internal review.

Values in red are either potential budget concerns or changes in schedule.

The "overage" for those projects shown as "over budget" is not billed to the District. The cost to date column reflects HEI's actual internal cost. Projects are considered within budget if  $\pm 5\%$ .

**District Engineer  
Monthly Progress Report (Actual & Estimated Progress)  
Through March 2023**

