



**RAMSEY-WASHINGTON**  
METRO WATERSHED DISTRICT

# **July 2021 Board Packet**

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# Agenda

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## **Regular Board Meeting Agenda**

Wednesday, July 7, 2021

6:30 PM

*Due to the COVID19 pandemic, this month's board meeting will be held via the video conferencing platform Zoom. Board members, staff, consultants, and general public will be able to join in via video and/or phone. The public that wish to will be able to listen to meeting but not participate with the exception of the visitor comments portion of the agenda. If you have comments you may speak on the Zoom meeting during the visitor comments agenda item. Instructions for joining in on the Zoom meeting can be found after the agenda.*

1. Call to Order – 6:30 PM
2. **Approval of Agenda (pg. 3)**
3. **Consent Agenda: To all be approved with one motion unless removed from consent agenda for discussion.**
  - A. Approval of Regular Meeting Minutes June 2, 2021 (pg. 7)
  - B. Treasurer's Report and Bill List (pg. 21)
  - C. Permit Program
    - i. 21-19 KMSP Tower Guy Anchor, Shoreview (pg. 39)
  - D. Stewardship Grant Program
    - i. 20-35 CS Union Cemetery, budget adjustment request (pg. 46)
    - ii. 21-21 CS Castellanos, rain garden and native habitat restoration (pg. 47)
    - iii. 21-22 CS Wang, rain garden (pg. 49)
    - iv. 21-23 CS 2021 Lake Phalen Aquatic Vegetation Harvesting (pg. 50)
  - E. CIP Maintenance and Repair 2021 – Change Order No. 3 (pg. 51)
  - F. East St. Paul Target Store Retrofit – Change Order No. 3 (pg. 56)
4. Visitor Comments (limited to 4 minutes each)
5. Permit Program
  - A. Applications – see consent agenda
  - B. Enforcement Action Report (pg. 61)
6. Stewardship Grant Program
  - A. Applications – see consent agenda
  - B. Budget Status Update (pg. 64)
7. Presentations and/or Action Items
  - A. 2022 Budget Planning Memo and Discussion (pg. 66)
8. Board Issues, Policies and Operation (for discussion at meeting)

- A. PFOS/PFAS/PFCs in the Watershed
- B. Using Alum for Water Quality
- 9. Administrator's Report (pg. 72)
  - A. Meetings Attended
  - B. Upcoming Meetings and Dates
  - C. Ongoing Project/Program Updates
  - D. Update: COVID-19 Back to the Office Plans
  - E. Wetlands Board Workshop Outline
- 10. Attorney Report
- 11. Project and Program Status Reports (pg. 78)
  - A. Ongoing Project and Program Updates
    - i. Interim Emergency Response Planning
    - ii. Kohlman Creek Flood Risk Reduction Feasibility Study
    - iii. Ames Lake Area Flood Risk Reduction Feasibility Study
    - iv. Subwatershed Feasibility Studies for At-Risk Creeks
    - v. Special Project BMP Monitoring
    - vi. Kohlman Permeable Weir Test System
    - vii. Shallow Lake Aeration Study
    - viii. Phalen Chain of Lakes Changes in Water Quality
    - ix. 2021 Tanners Lake Alum Facility Monitoring
    - x. Target Store Stormwater Retrofit Projects
    - xi. Targeted Retrofit Projects
    - xii. Keller Channel Weir and Phalen Outlet Resiliency Modifications
    - xiii. Ryan Drive and Keller Parkway Conveyance Project
    - xiv. Beltline/Battle Creek Tunnel Five-Year Inspection
    - xv. CIP Maintenance and Repair Project 2021
    - xvi. Natural Resources Program Update
    - xvii. Education Program Update
    - xviii. Communications Program Update
    - xix. CAC Meeting Update
    - xx. WaterFest Update
- 12. Informational Items
  - A. Manager Skinner shared the following article:  
<https://www.news8000.com/wisconsin-dnr-advises-against-watering-edible-plants-in-town-of-campbell-gardens-with-pfas-contaminated-water/>
- 13. Manager Comments and Next Month's Meeting
- 14. **Adjourn**

*\*Items in **bold** signify that an action needs to be taken by the Board.*



# RAMSEY-WASHINGTON

## METRO WATERSHED DISTRICT

### **NOTICE OF BOARD MEETING**

**Wednesday, July 7, 2021**

**6:30 PM**

### **Via Web Conference and In Lieu of an In-Person Meeting**

Per Minnesota Statute 13D.021, President Lawrence Swope has determined that an in-person meeting of the RWMWD Board of Managers is not practical or prudent given the COVID-19 pandemic. In compliance with Center for Disease Control and Minnesota Department of Health guidance on minimizing potential for spread of the virus, RWMWD will conduct its regular Wednesday, July 7, 2021, meeting at 6:30 p.m. CDT, by web conference and conference call. Members of the public wishing to participate in the meeting may do so by accessing the web-based conference, or by phone.

To access the meeting via webcast, please use this link: <https://us02web.zoom.us/j/87142124380?pwd=VGhhVGVSd3BXeDdTTFNiYVJnN2laZz09>

The meeting room will open at 6:20 pm with the meeting starting at 6:30 pm. To connect to audio you may choose to use your computer audio options or you may use your mobile device to call. The phone access number is **(312) 626-6799**. The Meeting ID is **871 4212 4380**. The meeting password is **130764**. If you have any questions, please contact Tina Carstens at [tina.carstens@rwmwd.org](mailto:tina.carstens@rwmwd.org).

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# Consent Agenda

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**Ramsey-Washington Metro Watershed District  
Minutes of Regular Board Meeting  
June 2, 2021**

The Regular Meeting of June 2, 2021, was held via Zoom web conferencing. A video recording of the meeting can be found at <https://youtu.be/JNBO47wr8z8>. Video time stamps included after each agenda item in minutes.

**PRESENT:**

Larry Swope, President  
Cliff Aichinger, Vice President  
Dianne Ward, Treasurer  
Dr. Pam Skinner, Secretary  
Val Eisele, Manager

**ABSENT:**

**ALSO PRESENT:**

Tina Carstens, District Administrator  
Laurann Kirschner, Attorney for District  
Nicole Soderholm, Permit Inspector  
Dave Vlasin, Project Coordinator  
Paige Ahlborg, Project Manager  
David Filipak, SRF Consulting  
Laura Eder, Lake Owasso resident

Bill Bartodziej, Natural Resource Specialist  
Brad Lindaman, Barr Engineering  
Andy Walz, Lake Owasso resident  
Joe Bester, President Lake Owasso Association  
Mark Riegel, Washington County  
Laurann Kirschner, Attorney for the District  
Edward Roberts, Lake Owasso resident

**1. CALL TO ORDER**

The meeting was called to order by President Swope at 6:30 p.m.

**2. APPROVAL OF AGENDA (2:30)**

Motion: Manager Aichinger moved, Manager Ward seconded, to approve the agenda as presented.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye
Manager Skinner	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

**3. CONSENT AGENDA (2:44)**

- A. Approval of Minutes from May 5, 2021
- B. Treasurer's Report and Bill List
- C. Permit Program
  - i. 21-14 – Kwik Trip, North Saint Paul
- D. Stewardship Grant Program

- i. 21-28 CS – Grandview Townhomes, Native habitat restoration
- ii. 21-19 CS – O'Neill, Rain garden
- iii. 21-20 CS – Kohlman Chain LVMP Phase 3, Harvesting
- E. North St. Paul Target Store Retrofit – Change Order No. 1
- F. CIP Maintenance and Repair 2021 – Change Order No. 2

Motion: Manager Ward moved, Manager Aichinger seconded, to approve the consent agenda as presented.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye
Manager Skinner	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

#### **4. VISITOR COMMENTS (3:22)**

Andy Walz stated that there is a development proposed at the south end of Lake Owasso along a federally recognized wetland area. He stated that the area is heavily vegetated and is a special place for wildlife. He stated that the development plan would construct five luxury homes with lots that curve toward the lakeshore and converge in the thickest part of the wetlands. He stated that the increased activity on the water would devastate that natural area. He stated that he is concerned with the impacts to the lake and watershed as a whole. He stated that there are already flooding concerns and additional tree removal would not help that problem. He stated that the DNR recently released comments against platting the project but recognized that the DNR is just a commenting agency while the District would have permitting authority. He asked if the District would be able to express an opinion in support of the DNR comments against the project. He stated that residents have signed a petition requesting an EAW that will go before the City Council and perhaps the District could support that action as well. He stated that the Planning Commission approved the preliminary plat based on the comments by the developer that the District supports the project, but Walz did not believe a permit had been granted as of yet.

Joe Bester commented that the language within the letter from the DNR was fairly strong but there is a feeling that the comments will be blown off. He stated that the group of residents that have mobilized has happened organically in attempt to respond to the sensitivity of the wetland and protect it. He stated that it is important to think about livability outside of revenue generation. He stated that it would be nice to see a visionary approach to development, using the example of Central Park in New York and the benefit that provides. He hoped that something could be done to protect this area on Lake Owasso. He stated that without an area for nesting, the loon population could leave. He hoped that the District could support their concerns.

President Swope noted that the Board will discuss this item later on the agenda.

#### **5. PERMIT PROGRAM (11:35)**

##### **A. Applications**

##### **Woodbury Edgewood Culvert Replacement, Woodbury**

Nicole Soderholm stated that this project would replace failing infrastructure. She stated that an existing culvert and retaining wall are failing and the City would propose to replace those elements which would require fill within the 100-year floodplain. She stated that a variance has been submitted for compensatory storage and supporting documentation was provided explaining why the fill would not impact existing habitable structures.



Motion: Manager Aichinger moved, Manager Ward seconded, to approve the permit with the special provisions and variance request.

Further discussion: Manager Aichinger stated that he can verify that this problem has been developing for the past few decades and definitely needs to be addressed.

President Swope agreed that the pictures are dramatic, and this seems to be a more natural solution.

Manager Eisele stated that the permits both impact the Battle Creek watershed and both permits have special provisions. He asked the District responsibility to look at how this request interacts with the other larger permit. He stated that perhaps there is an interaction that is not noticed as the permits are reviewing individually.

Nicole Soderholm stated that staff updates the models based on the permits issued but the applicant is also required to submit an existing conditions model that takes into account upstream and downstream areas. She stated that the existing and proposed condition models were submitted for comparison purposes.

Brad Lindaman commented that in this situation staff has reviewed these together. He stated that the variance request for the next permit state that the 100-year rates are not increased but the lower rates that would be within the local system rather than the overall system. He stated that in this permit is the position of the culvert that requires fill and there is not more water or flow being added into the overall system. He explained that the rules are setup to ensure that small incremental projects do not add up over time.

Manager Eisele stated that it was unique to see two permits within the same watershed requesting variances.

Nicole Soderholm stated that when there is a valley like this in a creek, sometimes compensatory storage would be further damage to the creek in response to the small benefit that would be provided.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye
Manager Skinner	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

#### Metro Transit Gold Line Bus Rapid Transit (BRT), Various Cities

Motion: Manager Aichinger moved, Manager Ward seconded, to approve the permit, special provisions, and variance request.

Further discussion: Nicole Soderholm stated that this is years in the making as staff has been involved in planning meetings for years and the design team has been working for even longer. She stated that she attempted to provide a summary of the project within the packet because of the length of the submittal for the project. She stated that the gold line would provide service from Saint Paul to a future park and ride in Woodbury off 494. She stated that part of the project would be a dedicated bus guideway and part would be an additional mixed traffic lane. She stated that this project goes through multiple municipalities, counties, and two Watershed Districts. She stated that the project would exceed the stormwater quality treatment requirements of the District. She stated that the project includes two variance requests related to wetland buffer impacts and for rate control as there are slight increases for the two- and ten-year events in two subwatersheds. She stated that the rate control requirements are met with the overall project but is also reviewed on the subwatershed level for a project of this

size. She explained that the District requires assurance from the local infrastructure owner (city or county) that there is additional capacity in their system to accommodate that increase.

Manager Eisele asked if the 100-year rate control would be met. Nicole Soderholm confirmed that the rate control would be met for the 100-year event in both subwatersheds.

Manager Ward commented that the Board received a very extensive presentation on the project that includes many maps that she found helpful. She noted that perhaps that information would also be helpful to Manager Eisele.

Manager Eisele agreed that his questions arose because he did not have the history on the project.

Nicole Soderholm stated that there will be additional work to review the additional BMPs, the credits that will be ~~earned~~ banked, and who will own those credits for future roadway projects.

Tina Carstens commented that this project set the bar very high as to what can be accomplished with a linear road project. She stated that they took the District rules seriously and worked to incorporate those elements.

David Filipiak, SRF, on behalf of the applicant agreed that it is very unusual to end up with extra credit on this type of project. He stated that he has worked on a lot of large projects, both linear and not, and to achieve the water quality goals for a linear project is unique. He stated that there are a lot of elements that will require ongoing maintenance and therefore that comes with a discussion as to who will take ownership. He noted that they have attempted to work with municipalities to design different elements in the way that municipality prefers in order for that to fit into their ongoing maintenance plans.

President Swope stated that he recalls the original presentation and appreciates all the work that has gone into this.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye
Manager Skinner	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

B. Victoria Shores Permit Update

Nicole Soderholm stated that staff has been contacted by a number of residents related to this project and therefore an update was requested. She stated that the permit is not on the agenda tonight as the City of Roseville has not yet made its decision on the EAW petition.

Tina Carstens stated that residents submitted a petition to the Environmental Quality Board that forwarded that to the City of Roseville and the city will need to determine whether it will pursue requiring an EAW. She stated that the EAW is not required because of size and type of project and therefore would be discretionary. She commented that if the EAW is required, the process would be at least 60 days and the District would act in a supporting role. She reviewed the purpose of an EAW and the process which would then follow to determine whether an EIS would be required. She stated that the DNR letter was related to the City's shoreland ordinance regulations and recommendations on how the City could move forward. She stated that staff has met with City staff over the past few weeks and the discussions have focused on whether there would be a recommendation to require the EAW,

whether the lot sizes and widths would be adjusted, how the buffer area could be incorporated into the maintenance agreement, and to ensure that the agreement includes regulations on the wetland buffer requirements. She stated that there is an attempt to ensure there is strong language as to what can and cannot be done in a wetland, wetland buffer and shoreland. She stated that staff continues to provide input and comments related to the submittals that have been received.

President Swope referenced the issue of timing, as typically it would seem that a city has already permitted a project prior to the watershed receiving a request. He stated that it appears that the District received the permit request prior to the city approval being gained in this case. Tina Carstens replied that often the applicant works concurrently through both entities and typically things are straightforward which allows for both processes to move forward at the same time.

Nicole Soderholm agreed that often the applicant is working concurrently to gain both approvals. She stated that the District staff works together with city staff to ensure open lines of communication. She stated that in this case it is good that everyone is working together but additional elements need to be flushed out on the city side before the District continues to provide its own review.

President Swope asked how the District role of WCA administrator plays into this review. Nicole Soderholm agreed that the District is the LGU tasked with administered WCA. She stated that the applicant submitted a delineation which the District accepted and approved. She reviewed the definition of wetland impact and stated that this proposal does not propose a definable jurisdictional impact. She stated that while a dock may have a different impact, that is not considered an impact under WCA. She stated that the District would regulate and enforce any potential impacts by landowners in the future.

President Swope referenced the mockup of what five or six docks close together and commented that would impact the wetlands. He asked if the Board would have any regulation over that. Nicole Soderholm stated that docks do not fall under the rules of the District.

Tina Carstens explained the different types of regulation related to wetland, wetland buffer, and the lake itself along with the different entities that would have control over those regulations. She stated that the District would regulate over fill in the wetland, which is not proposed, and would regulate the buffer.

Manager Aichinger commented that he would believe there would be some alteration to the buffer in order to have access to a dock. He asked if the dock clearly bridges the wetland into the lake or whether there would be some level of fill in the wetland to access the start of the dock. Nicole Soderholm stated that fill would not be proposed. She stated that for physical access there would most likely be removal of understory. She stated that the District is still having conversation that grading and fill would not be allowed in the wetland buffer, but trees or buckthorn could be removed to physically get to that area.

Manager Aichinger commented that it would seem that if these are luxury homes, a dirt path would not be acceptable for access to the dock. He stated that if it is made clear that landscaping or an improved walkway would not be an option in the buffer area, perhaps this would not be as appealing. Tina Carstens agreed and stated that is why the District is working with legal counsel to draft clear language as to what is not allowed in the buffer area.

Manager Aichinger commented that his concern is that those impacts happen very quickly, outside of the view of people from the street or lake as it is within the woods. He stated that this is a sensitive issue and is unsure how to deal with it from a regulatory standpoint. He agreed that the recorded agreement would be the correct path but was unsure how well those will be reviewed by buyers. Nicole Soderholm recognized that most times the District finds out about things after the fact, but the agreement would provide enforcement ability.

Manager Aichinger commented that he does not believe six docks would be acceptable into that wetland area as the marshland would eventually dissipate over time from the treatment and activity. He believed a consolidated docking facility would be a more viable option but recognized that probably is not as appealing to the developer.

Manager Ward asked if the District has to provide an access agreement. Nicole Soderholm stated that the District has never done that before. Manager Ward asked why the District is doing that now. Nicole Soderholm stated that it would be an added protection in terms of enforcement that would be recorded with the properties when the permit is closed.

Tina Carstens stated that the agreements do not provide access to the homeowners but would provide access ability for the District to ensure the rules are being followed. She stated that the agreement would also contain a number of provisions related to the wetland, buffer, and the lake.

Manager Ward asked if the Board has seen the DNR letter and asked if the work that staff is doing with the city is consistent with the DNR comments. Tina Carstens replied that staff and President Swope have seen the DNR letter and stated that the general staff comments are consistent with the DNR comments. She stated that the city has indicated that some of the statements from the DNR related to the enforcement of the shoreland ordinance were incorrect and therefore city staff are working with the DNR in attempt to clarify the statements. She stated that as this moves forward, more information would be available.

Manager Skinner stated that the District and Board are limited in what they can do to prevent the development of such pristine lots. She stated that in the past the District began to pool money for land it would want to purchase and protect. She acknowledged that this land would most likely be expensive but hoped that the District could look for properties to protect. Tina Carstens clarified that there is not currently a fund of that nature to purchase properties for preservation. She stated that there are funds to implement projects for water quality or flood mitigation.

Manager Aichinger stated that the District has the ability to purchase property for capital improvement projects but has not pursued purchased for preservation and believed that would fall to a different type of entity.

Manager Eisele stated that it sounds that staff is doing their best to support some of the DNR comments and asked if the Board would have power to further support some of those recommendations. Tina Carstens commented that is not something the Board has done in the past, providing comments to a City Council about a proposed project. She stated that typically the work occurs between District staff and city staff. She stated that the city is a partner in the extra agreement the District is working on and would be named in the agreement as well.

Manager Eisele stated that he likes the idea of the additional agreement but asked how much power that would introduce. He commented that he does not believe a real estate agent is required to disclose that information during closing. Tina Carstens commented that because the agreement is tied to the property, it would be part of the closing documents but acknowledged that there would be a lot of paperwork signed at closing. She stated that the District could also make contact with the property owners once they move in to ensure they are aware of the agreement and provide additional education.

Manager Eisele asked if staff has evaluated the option to install a fence or put up a sign that states that it is a protected wetland. Nicole Soderholm stated that the applicant has shown that there would be wetland signage at each lot, as required. She stated that the buffer agreement would be in addition.

Laurann Kirschner commented that it has been helpful to hear the discussion from the Board, as that will help to inform the agreement language. She stated that there are two pieces of this, one of which would be notice to the eventual landowners. She stated that once the agreement is filed with the County, that serves as legal notice. She noted that the question then would be whether the District should be doing more to provide actual notice to the

landowners in terms of signage and/or reaching out directly. She stated that once the agreement is signed by the developer, the agreement is signed and recorded with the land and would remain in perpetuity. She stated that the other question would be related to enforcement. She stated that the agreement would require restoration, if there is impact, at the expense of the homeowner.

Manager Aichinger asked if it is clear that the amount of restoration is to be established by District staff. Nicole Soderholm stated that she met with the city of Roseville to ensure that is clear.

Manager Aichinger stated that he would want to ensure that it is clear that the District establishes the restoration that would be necessary, and that the homeowner would be responsible for the cost.

Manager Ward asked if it would help for the Board to support the request for an EAW. Tina Carstens commented that could be a discussion of the Board but was unsure that anything found from an EAW would support the agreement the District is working on.

Manager Aichinger commented that personally his opinion is that EAW's seldom provide very valuable information. He stated that in this case it could identify the nature of the habitat and the city could state that they are aware of that and an EAW is not required. He stated that an EAW provides opinions based on available information. He stated that perhaps it would be helpful if endangered animals or plants are identified. He stated that normal development impacts are acceptable. He noted that the biggest issue is the eventual impact on the wetland and lake and if the developer maintains that there will not be impacts or that the impacts would be minimal, it would come down to whether that is believable.

Manager Ward asked if additional requirements would come about if endangered species were identified.

Manager Aichinger stated that if endangered species were identified and it were stated that the habitat would be destroyed by this development, the project could most likely not move forward but did not believe that would be the case. He stated that he believes the District would be overstepping its bounds by going to Roseville and requesting an EAW.

Manager Eisele stated that there was concern from the resident comments related to boat traffic and asked if that is being considered in the agreement and how that would factor into environmental impacts. Tina Carstens stated that there are things that are hard to regulate based on a potential. She stated that the developer is not building the docks, therefore the extent of what is reviewed for the permit is different than assumptions for what could happen in the future.

Manager Eisele asked if a joint dock would be installed by the developer or come about between the property owners. Nicole Soderholm stated that there are houses proposed on the other side of Victoria that are not on the lakeside and therefore the developer is proposing community access for those properties on the south side of the development which would total six docks.

President Swope stated that the other docks on the lake are quite spaced out while these docks would be very close together. Tina Carstens stated that the city requirement for lot width is met at the homes but not the lake side. She stated that staff has brought that comment forward to the city and that could be a significant change to the plan if pursued by the city.

Nicole Soderholm stated that staff has communicated that less is more but noted that staff is attempting to work within the boundaries of the District rules and authority.

President Swope asked if the Board is interested in supporting the staff in their efforts to possibly mitigate the effects of this development, or any development on the wetlands.

Manager Ward stated that she would also want Roseville to know that an EAW would be supported.

Manager Skinner commented that staff does that all of the time and does not believe a motion would be needed.

Manager Ward noted that it would not be a message to staff but to the outside community.

President Swope agreed that his intent is to make that message clear to Roseville that the Board supports the comments from staff.

Motion: Manager Skinner moved, Manager Eisele seconded, to communicate the message to Roseville staff and City Council that the Board supports the work of District staff to mitigate any impacts to the wetland from this proposed development.

Further discussion: Tina Carstens asked if the Board could provide bulleted information on the statements, it would like included in the letter. She stated that she would also want direction on whether the letter would be sent to the City Council or to city staff and copied to the Council.

Manager Aichinger stated that he believes it would be most clear to have the letter from Tina Carstens to the City Administrator.

President Swope asked if the Roseville staff would then communicate that information to its City Council.

Manager Aichinger stated that the letter/email could be send to the City Administrator and then copied to the staff and City Council.

Manager Eisele agreed with that method.

Manager Skinner stated that she would believe a statement that the Board fully supports staff doing everything in their ability to mitigate any impacts that could occur from the development would communicate the desired intent.

Manager Aichinger stated that he would suggest bullet pointing certain elements under that statement.

The Board suggested the following bulleted statements:

- Number of access points to the lake
- Concern with ultimate impact to the wetland and vegetation adjacent to the development
- 100-foot lot width at the lakeshore
- Difficulty in enforcement without frequent inspections
- Concern with having to complete inspections and administer restoration efforts and reimbursement for that cost
- Ability to effectively communicate the regulations to potential homeowners

Tina Carstens clarified and confirmed the consensus of the Board that the motion to direct staff to send the letter would be sufficient and a resolution would not be required. She stated that she will use the information provided by the Board to draft the letter and send via email the following day.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye
Manager Skinner	aye
Manager Ward	aye
President Swope	aye

Motion carried unanimously.

Manager Aichinger referenced a resident comment that the Board also mention support for the concerns expressed within the DNR letter. Tina Carstens confirmed that she would bullet out the concerns as discussed rather than specifically calling out that letter.

C. Monthly Enforcement Report

During May, 13 notices were sent to address: install/maintain inlet protection (1), install/maintain perimeter control (3), install/maintain construction entrance (1), sweep streets (2), stabilize exposed soils (3), contain liquid/solid waste (2), and install/maintain energy dissipation (1).

**6. STEWARDSHIP GRANT PROGRAM (1:23:55)**

A. Applications – See Consent Agenda

B. Budget Status Update

President Swope asked why the maintenance costs are increasing. Paige Ahlborg explained that the budget is increasing because that is being offered to projects from the previous year and are staff approved.

**7. PRESENTATIONS AND/OR ACTION ITEMS (1:24:35)**

A. Stormwater Pollution Prevention Plan Annual Report

President Swope asked if there were members of the public present that would like to make comments on this item.

No comments were made.

President Swope concluded the public comment period.

Motion: Manager Aichinger moved, Manager Eisele seconded, to accept the 2020 MS4 Annual Report and authorize District Administrator to submit the report to the MPCA.

Further discussion: President Swope asked if the issue of zero public comments has been resolved. Tina Carstens confirmed that box would be unchecked as there were no public comments.

President Swope stated that the report mentions a training video for staff and asked if the Board could view that. Tina Carstens confirmed that could be shared with the Board.

President Swope referenced the map of the culverts and asked if that is available on the website. Tina Carstens stated that the MS4 facilities and culverts are included on the website within the interactive map feature.

A roll call vote was performed:

Manager Eisele	aye
Manager Aichinger	aye

Manager Skinner        aye  
Manager Ward            aye  
President Swope        aye

Motion carried unanimously.

The Board took a five-minute break.

## **8. BOARD ISSUES, POLICIES, AND OPERATION (1:35:42)**

### **A. Follow Up on Maintenance Strategies, Processes, and Policies**

President Swope noted that many of the items from the discussion the previous month have been allocated to staff. He stated that he wanted to follow up on the presentation that was provided related to maintenance strategies, processes, and policies. He asked if any members of the Board have ideas, they would like staff to look into. He asked if parts of the presentation could be regrouped into a shorter presentation that could be posted on the website to help educate the public. Tina Carstens confirmed that she can follow up on that.

Manager Ward asked if staff has given thought to making a more accessible method for people to report issues and commented that there should also be a policy related to the length of time in which the response would be provided. Tina Carstens stated that there is a report a problem section on the Contact Us page of the website which is used by residents. She stated that internally the policy is to respond in one business day to at least get more information and then follow up with field inspections the following business day.

Manager Eisele stated that perhaps those comments could be made public as that could help prevent multiple comments on the same topic. Tina Carstens commented that the District does not typically receive multiple contacts on the same issue. She stated that if that were an issue, that could be something they look at more specifically, but it has not been an issue to date.

Manager Ward asked if there could be a more frequent inspection schedule when CIP projects have been completed because of the disruption that can occur. Tina Carstens confirmed that is already done. She stated that the District completes heavy restoration efforts for all of its projects. Brad Lindaman noted that once a project and the restoration is complete it is not uncommon for District staff to visit the site multiple times in the year to review the condition. He noted that many of the projects also have warranties and therefore are inspected to ensure there are no issues that need to be addressed.

Manager Aichinger stated that all the District staff are aware of the capital projects and therefore they view the sites when they are out in the field doing other work. He stated that perhaps when the procedures booklet is developed a set number of inspections is mentioned for that first year.

President Swope asked if there is documented feedback that staff is checking these projects. Tina Carstens reviewed the typical inspection process and documentation that is done if an issue is observed.

Bill Bartodziej stated that staff is always in communication with each other and if an issue is noticed, staff communicates to ensure proper follow up.

Manager Eisele stated that he liked the visual graph and asked if there is something that could be shared with the public to educate them on ongoing inspections. He stated that after the meeting Dave Vlasin invited him to come along on a creek inspection and thanked him for that invitation.

President Swope thanked Dave Vlasin for his reporting of the trail conditions to Ramsey County, as that was quickly addressed and repaired.



Tina Carstens commented that she can speak with staff but was unsure that a list of ongoing maintenance would be a huge draw to the website. She stated that staff has attempted to increase the District social media presence by showing how the District is out in the community and maintenance has been highlighted in that effort.

President Swope commented that there are multiple audiences for the website and perhaps it could be separated between the general public and more technical information. He asked the thought process towards having a contractor that could complete items that are identified by staff, rather than having the Board approve that action as it would provide a timelier response. Tina Carstens commented that is not how the District functionally operates during the year. She stated that when something cannot wait, they do get that done.

Brad Lindaman noted that typically a contractor is engaged by the 1<sup>st</sup> of the year and is on board through some point in July, therefore there is an opportunity to add projects as change orders if something comes up. He stated that if there is an urgent issue, that is addressed, otherwise it is more efficient to create a list and continue to handle them in this method.

Manager Aichinger commented that if the District responded to issues individually the cost would increase exponentially because of the mobilization costs. He stated that there is a cost savings in packaging the items together that are not time sensitive. Tina Carstens stated that if there are time sensitive issues, there are contractors the District can engage for a timelier response.

President Swope referenced the success the District has had in working with cities to clean up municipal ponds and asked if that relationship could be expanded to other entities and cover things such as culverts. Tina Carstens stated that the role of the District is to coordinate with the cities and not to take over the flow path responsibility. She noted that the pond cleanout would typically require a contractor to be hired, whereas a culvert cleanout could be done by city staff.

President Swope commented that he would suggest leveraging that approach to the extent possible. Tina Carstens noted that the District has stepped in when asked by other entities.

Brad Lindaman noted that there is increased interest in the program each year for the pond cleanouts.

President Swope asked if there are metrics that support the inspection schedule and whether there is a need for more resources to check the systems. Tina Carstens noted that the two-year cycle only applies to the creek system and creeks are not added, therefore that system remains the same. She stated that other projects are inspected on a more, or less, frequent schedule as appropriate.

## **9. ADMINISTRATOR'S REPORT (2:07:00)**

### **A. Meetings Attended**

No comments.

### **B. Upcoming Meetings and Dates**

Manager Ward commented that she will not be in town in July and asked if there would be a hybrid option. Tina Carstens confirmed that July was planned to attempt a hybrid method unless people would not be available in person for July.

President Swope asked for the guidance provided to reestablish normal meeting functions.

Manager Skinner stated that she would prefer a hybrid option.

Tina Carstens commented that after this past year there have been efficiencies identified in offering a Zoom meeting format. She noted that it would also allow for members to attend when out of town. She stated that it is her understanding that once the emergency powers of the Governor end, a quorum would need to attend in person and while a member could attend virtually, their location would need to be made public. She anticipated that the regulation would be reviewed and possibly updated at some time in the future by the legislature. She noted that the hybrid format has been discussed as having the Managers present with staff and members of the public attending virtually. She stated that if the full Board would not be present, the meeting could be held on Zoom for July.

President Swope stated that he believes that it is most efficient to have the meeting on Zoom while still allowed.

Manager Aichinger agreed that as long as allowed the Zoom meetings should continue but once required, the hybrid format could begin with the Board attending in person and staff and the public attending virtually.

She commented that there are new technologies which increase availability and participation in an efficient manner. She hoped that the laws would catch up with technology.

Manager Ward stated that in the past when a Manager is not available, the date of a meeting has been changed and noted that she would prefer a hybrid option over changing a meeting date. She stated that she would prefer to stay with Zoom while allowed.

Laurann Kirschner stated that there is an amendment to the legislation that is in process that would not require the virtual member to disclose their location but at this time it only applies to state agencies.

Tina Carstens confirmed the consensus of the Board to hold the July meeting via Zoom.

Laurann Kirschner commented that would be fine as long as the emergency order remains in place at that time.

Tina Carstens provided an update related to the meeting that was held with the Twin Lakes residents.

Manager Eisele provided input on the feedback that he received from other Twin Lakes residents.

Paige Ahlborg provided an update on the daylight meeting for Phalen Creek.

Tina Carstens stated that there was not much work that occurred in May related to the Ramsey County permitting issues but anticipated additional work this coming month.

Manager Ward expressed concern with the length of time this process is taking and asked if it would be appropriate to bring it forward to the County Administrator. Tina Carstens stated that this was not high priority on her list for the past month. She noted that she has sufficient time to have the process in place prior to the time this comes forward again for the next season and therefore has placed it appropriately in her list of priorities.

C. Ongoing Updates

Tina Carstens reviewed the other updates included in the packet.

D. Update: COVID-19 Back to the Office Plans (Staff and Board Meetings)

No additional comments.

E. Equity, Inclusion and Belonging Training

Tina Carstens stated that she has begun the first step and would be sending a meeting request to the Board for the meeting that will be held in June.

**F. Board Workshop Planning**

Tina Carstens stated that she asked the Managers to provide input on the workshop topics they would find most valuable, noting that the top three were prioritized and the bottom three could be addressed in a regular meeting presentation. She stated that if the wetland workshop were the top priority for August, she would bring forward a proposed outline for the workshop with potential outcomes to receive additional feedback to ensure staff can adequately prepare. She asked for input on the timing of workshops and whether it would be appropriate to designate the third Wednesday of the month for workshops.

The Board confirmed consensus to hold the wetlands workshop in August and plan to schedule workshops for the third Wednesday of the month.

President Swope referenced the topic of District rules and permitting and commented that he would still find it helpful to have a presentation on that topic. Tina Carstens confirmed that could be done at a regular Board meeting.

**G. District Budget Overview and Process**

Tina Carstens reviewed the budget basic information she included in the Board packet to provide additional background on the budget, levy, general fund, and capital improvement fund. She also reviewed historical data on the levy and budget noting that while those have remained steady, the capital improvement fund has increased. She reviewed the budget process noting that there is a lot of opportunity for input from staff, consultants, and the Board. She also reviewed the budget categories within the general fund and capital improvement fund. She also provided background information on the progression of different types of projects. She also reviewed some of the feedback that she received from the Managers related to the budget categories and items to consider for 2021.

President Swope thanked staff for the presentation and believed a larger discussion could occur at the July meeting. He asked about tours. Tina Carstens asked that the Managers provide a list of things they would like to see.

**10. ATTORNEY REPORT (2:58:50)**

Laurann Kirschner stated that her office continues to work on the wetland maintenance agreement as earlier discussed. She stated that there has also been discussion related to the audit and disclosing outstanding liabilities. She provided an update on the previously potential liabilities from vehicle damage at the Target store location but that has since been dismissed as a potential liability due to unresponsiveness of the claimants.

**11. PROJECT AND PROGRAM STATUS REPORTS (3:01:00)**

**A. Ongoing Project and Program Updates**

- i. Interim Emergency Response Planning
- ii. FEMA Flood Mapping Updates
- iii. Kohlman Creek Flood Risk Reduction Feasibility Study
- iv. Ames Lake Area Flood Risk Reduction Feasibility Study
- v. Special Project BMP Monitoring
- vi. Shallow Lake Aeration Study
- vii. Phalen Chain of Lakes Changes in Water Quality
- viii. 2021 Tanners Lake Alum Facility Monitoring
- ix. Automated Lake Monitoring Systems

Manager Ward asked for an update on the automated lake monitoring systems. Tina Carstens provided an update and stated that water quality staff will be visiting the site weekly to ensure the equipment is working correctly. She noted that staff will also be working to clean up the

data that was recorded because of equipment malfunction due to winter conditions. She stated that there is also a schedule identified for each station that has a repair or need.

- x. Target Store Stormwater Retrofit Projects
- xi. Targeted Retrofit Projects
- xii. Keller Channel Weir and Phalen Outlet Resiliency Modifications
- xiii. Ryan Drive and Keller Parkway Conveyance Project
- xiv. Beltline/Battle Creek Tunnel Five Year Inspection
- xv. CIP Maintenance and Repair Project 2021
- xvi. Natural Resources Program Update
- xvii. Education Program Update
- xviii. Communications Program Update
- xix. WaterFest Update

Tina Carstens provided a brief update on the WaterFest planning.

Manager Eisele encouraged staff to reach out to lake associations to participate in a focus group related to the website improvements.

## **12. MANAGER COMMENTS AND NEXT MONTH'S MEETING (3:08:17)**

President Swope stated that Manager Aichinger mentioned that he had a slideshow about the Battle Creek changes. Manager Aichinger stated that he could attempt to find that once the office is open.

Manager Skinner referenced a recent article she read related to aluminum and noted that she would pass that onto the Board and staff.

Tina Carstens welcomed input from the Board prior to the next meeting related to tour suggestions and reviewed the other actions she would be completing following the meeting tonight as discussed. She noted that the next agenda would also feature the potential workshop frame and budget discussion.

## **13. ADJOURN**

Motion: Manager Aichinger moved, Manager Eisele seconded, to adjourn the meeting at 9:43 p.m. Motion carried unanimously.

RWMWD BUDGET STATUS REPORT  
Administrative & Program Budget  
Fiscal Year 2021  
6/30/2021

Budget Category	Budget Item	Account Number	Original Budget	Budget Transfers	Current Month Expenses	Year-to-Date Expenses	Current Budget Balance	Percent of Budget
Manager	Per diems	4355	\$8,500.00	-	-	875.00	\$7,625.00	10.29%
	Manager expenses	4360	3,500.00	-	-	-	3,500.00	0.00%
Committees	Committee/Bd Mtg. Exp.	4365	3,500.00	-	331.00	1,909.13	1,590.87	54.55%
	<b>Sub-Total: Managers/Committees:</b>		<b>\$15,500.00</b>	<b>\$0.00</b>	<b>\$331.00</b>	<b>\$2,784.13</b>	<b>\$12,715.87</b>	<b>17.96%</b>
Employees	Staff salary/taxes/benefits	4010	1,520,000.00	-	132,828.67	785,144.60	734,855.40	51.65%
	Employee expenses	4020	15,000.00	-	571.84	2,193.77	12,806.23	14.63%
	District training & education	4350	75,000.00	-	169.38	2,417.88	72,582.12	3.22%
	<b>Sub-Total: Employees:</b>		<b>\$1,610,000.00</b>	<b>\$0.00</b>	<b>\$133,569.89</b>	<b>\$789,756.25</b>	<b>\$820,243.75</b>	<b>49.05%</b>
Administration/Office	GIS system maint. & equip.	4170	10,000.00	-	(28.03)	1,687.02	8,312.98	16.87%
	Data Base/GIS Maintenance	4171	40,000.00	-	-	-	40,000.00	0.00%
	Equipment maintenance	4305	3,000.00	-	-	-	3,000.00	0.00%
	Telephone	4310	8,000.00	-	57.48	344.88	7,655.12	4.31%
	Office supplies	4320	7,000.00	-	939.52	2,894.72	4,105.28	41.35%
	IT/Internet/Web Site/Software Lic.	4325	70,000.00	-	5,051.85	32,433.54	37,566.46	46.33%
	Postage	4330	3,000.00	-	143.55	386.59	2,613.41	12.89%
	Printing/copying	4335	8,000.00	-	661.00	2,498.00	5,502.00	31.23%
	Dues & publications	4338	11,000.00	-	-	8,053.88	2,946.12	73.22%
	Janitorial/Trash Service	4341	15,000.00	-	1,341.91	5,992.54	9,007.46	39.95%
	Utilities/Bldg.Contracts	4342	30,000.00	-	1,166.44	6,995.71	23,004.29	23.32%
	Bldg/Site Maintenance	4343	150,000.00	-	934.09	19,185.11	130,814.89	12.79%
	Miscellaneous	4390	5,000.00	-	-	-	5,000.00	0.00%
	Insurance	4480	50,000.00	-	8,920.00	44,642.00	5,358.00	89.28%
	Office equipment	4703	150,000.00	-	1,801.11	130,645.33	19,354.67	87.10%
	Vehicle lease, maintenance	4810-40	43,000.00	-	451.40	1,774.74	41,225.26	4.13%
	<b>Sub-Total: Administration/Office:</b>		<b>\$603,000.00</b>	<b>\$0.00</b>	<b>\$21,440.32</b>	<b>\$257,534.06</b>	<b>\$345,465.94</b>	<b>42.71%</b>
Consultants/Outside Services	Auditor/Accounting	4110	65,000.00	-	1,879.26	15,330.07	49,669.93	23.58%
	Engineering-administration	4121	93,000.00	-	5,518.50	32,359.00	60,641.00	34.79%
	Engineering-permit I&E	4122	10,000.00	-	-	-	10,000.00	0.00%
	Engineering-eng. review	4123	55,000.00	-	-	23,666.50	31,333.50	43.03%
	Engineering-permit review	4124	55,000.00	-	6,509.50	24,953.00	30,047.00	45.37%
	Project Feasibility Studies	4129	440,000.00	-	24,719.24	89,891.88	350,108.12	20.43%
	Attorney-permits	4130	10,000.00	-	-	-	10,000.00	0.00%
	Attorney-general	4131	40,000.00	-	1,596.00	16,769.25	23,230.75	41.92%
	Outside Consulting Services	4160	20,000.00	-	-	-	20,000.00	0.00%
	<b>Sub-Total: Consultants/Outside Services:</b>		<b>\$788,000.00</b>	<b>\$0.00</b>	<b>\$40,222.50</b>	<b>\$202,969.70</b>	<b>\$585,030.30</b>	<b>25.76%</b>
Programs	Educational programming	4370	60,000.00	-	1,026.37	1,943.32	58,056.68	3.24%
	Communications & Marketing	4371	25,000.00	-	3,441.29	5,215.29	19,784.71	20.86%
	Events	4372	50,000.00	-	8,953.25	23,059.57	26,940.43	46.12%
	Water QM-Engineering	4520-30	180,000.00	-	22,811.23	61,869.86	118,130.14	34.37%
	Project operations	4650	200,000.00	-	4,069.07	49,834.78	150,165.22	24.92%
	SLMP/TMDL Studies	4661	103,000.00	-	132.50	132.50	102,867.50	0.13%
	Natural Resources/Keller Creek	4670-72	140,000.00	-	2,848.69	15,011.89	124,988.11	10.72%
	Outside Prog.Support/Weed Mgmt.	4683-84	127,000.00	-	-	17,425.00	109,575.00	13.72%
	Research Projects	4695	95,000.00	-	18,522.90	36,988.30	58,011.70	38.94%
	Health and Safety Program	4697	3,000.00	-	29.37	195.13	2,804.87	6.50%
	<b>Sub-Total: Programs:</b>		<b>\$983,000.00</b>	<b>\$0.00</b>	<b>\$61,834.67</b>	<b>\$211,675.64</b>	<b>\$771,324.36</b>	<b>21.53%</b>
<b>GENERAL FUND TOTAL</b>			<b>\$3,999,500.00</b>	<b>\$0.00</b>	<b>\$257,398.38</b>	<b>\$1,464,719.78</b>	<b>\$2,534,780.22</b>	<b>36.62%</b>
CIP's	CIP Project Repair & Maintenance	516	1,325,000.00	-	139,243.91	579,978.71	745,021.29	43.77%
	Targeted Retrofit Projects	518	2,810,000.00	-	77,825.44	155,364.37	2,654,635.63	5.53%
	Flood Risk Reduction Fund	520	4,200,000.00	-	28,622.63	1,126,929.22	3,073,070.78	26.83%
	Debt Services-96-97 Beltline/MM/Battle Creek	526	394,901.00	-	31,826.25	314,358.40	80,542.60	79.60%
	Stewardship Grant Program Fund	529	1,000,000.00	-	79,322.32	129,427.02	870,572.98	12.94%
	Wetland Restoration Projects	540	500,000.00	-	-	-	500,000.00	0.00%
	Wakefield Park Project	553	-	-	931.18	4,351.18	(4,351.18)	---
	District Office Bond Payment	585	194,885.00	-	-	-	194,885.00	0.00%
<b>CIP BUDGET TOTAL</b>			<b>\$10,424,786.00</b>	<b>\$0.00</b>	<b>\$357,771.73</b>	<b>\$2,310,408.90</b>	<b>\$8,114,377.10</b>	<b>22.16%</b>
<b>TOTAL BUDGET</b>			<b>\$14,424,286.00</b>	<b>\$0.00</b>	<b>\$615,170.11</b>	<b>\$3,775,128.68</b>	<b>\$10,649,157.32</b>	<b>26.17%</b>

Current Fund Balances:

Fund:	Beginning Fund Balance @ 12/31/20	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Fund Balance @ 06/30/21
101 - General Fund	\$4,364,963.52	-	47,464.73	257,398.38	1,464,719.78	2,947,708.47
516 - CIP Project Repair & Maintenance	627,656.44	-	46,521.00	139,243.91	579,978.71	94,198.73
518 - Targeted Retrofit Projects	1,012,501.35	-	270.87	77,825.44	155,364.37	857,407.85
520 - Flood Damage Reduction Fund	3,312,849.57	-	-	28,622.63	1,126,929.22	2,185,920.35
526 - Debt Services-96-97 Beltline/MM/Beltline-Battle Creek Tunnel Repair	949,395.60	-	-	31,826.25	314,358.40	635,037.20
529 - Stewardship Grant Program Fund	622,020.57	-	-	79,322.32	129,427.02	492,593.55
540 - Wetland Restoration Projects	-	-	-	-	-	0.00
553 - Wakefield Park Project	151,270.20	-	-	931.18	4,351.18	146,919.02
580 - Contingency Fund	891,682.00	-	-	-	-	891,682.00
585 - Certificates of Participation	204,397.98	-	-	-	-	204,397.98
<b>Total District Fund Balance</b>	<b>\$12,136,737.23</b>	<b>\$0.00</b>	<b>\$ 94,256.60</b>	<b>\$ 615,170.11</b>	<b>\$3,775,128.68</b>	<b>\$8,455,865.15</b>

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From Jun 1, 2021 to Jun 30, 2021**

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	06/01/21	met008	June 2021	MetLife-Group Benefits	Employee Benefits	\$1,585.09
EFT	06/15/21	hea002	June 2021	HealthPartners	Employee Benefits	11,560.27
40276	06/01/21	bee001	June 2021	Charlie Beech	Natural Resource Project	150.00
72268	06/14/21	adv003	00047097	Advantage Signs & Graphics, Inc.	Project Operations	56.02
72269	06/14/21	aws001	\$1335957-060121	AWS Service Center	Janitorial/Trash Service	241.91
72270	06/14/21	fle001	91061	Flemings Auto Service	Vehicle Maintenance	75.15
72271	06/14/21	gil001	205050	Gilbert Mechanical Contractors, Inc.	Bldg./Site Maintenance	345.44
72272	06/14/21	int003	179430	Intereum, Inc.	Office Equipment	625.00
72273	06/14/21	jad001	June 2021	Anita Jader Photography	Communications & Marketing	720.00
72274	06/14/21	min008	29078/29275	Minnesota Native Landscapes, Inc.	Construction Imp.-Maint & Repair	5,323.00
72275	06/14/21	pit001	3104744411	Pitney Bowes Global Financial Serv LLC	Postage Expense	143.55
72276	06/14/21	pra001	2113814900	Prairie Moon Nursery, Inc.	Construction Imp.-Maint & Repair	2,773.75
72277	06/14/21	red004	2221	Red Rock Fire	Natural Resource Project	826.50
72278	06/14/21	san003	060321	Sandstrom Land Management	Construction Imp.-Maint & Repair	5,217.50
72279	06/14/21	sch009	27039	Schlomka Services, LLC	Project Operations	2,350.00
72280	06/14/21	stu001	2019475	Studio Lola	Events	3,185.00
72281	06/14/21	usb005	444493407	US Bank Equipment Finance	Printing	294.00
72282	06/14/21	van001	78703	Vanguard Cleaning Systems of Minnesota	Janitorial/Trash Service	550.00
72283	06/29/21	ada002	3294649	Adam's Pest Control, Inc.	Bldg./Site Maintenance	79.00
72284	06/29/21	ahl001	June 2021	Paige Ahlborg	Employee Reimbursement	422.80
72285	06/29/21	app001	008022	Applied Ecological Services, Inc.	Stewardship Grant Fund	1,408.05
72286	06/29/21	at002	287256653401X06252021	AT & T Mobility - ROC	Water QM Staff	165.34
72287	06/29/21	bar001	5/15/21-6/18/21	Barr Engineering	May/June Engineering Expense	107,816.58
72288	06/29/21	bar004	June 2021	Deborah Barnes	Employee Reimbursement	40.00
72289	06/29/21	ber007	20-39 CS	John Bergquist	Stewardship Grant Fund	2,118.06
72290	06/29/21	blo001	June 2021	Simba Blood	Employee Reimbursement	276.82
72291	06/29/21	bre003	3rd Qtr-2021	Bremer Bank	Employee Benefits	8,100.00
72292	06/29/21	cad001	17562466	Allstream	Water QM Staff	74.08
72293	06/29/21	cit011	0230115	City of Roseville	IT/Website/Software	4,958.78
72294	06/29/21	com004	June 2021	Comcast	Utilities/Bldg. Contracts	79.07
72295	06/29/21	cro001	45473693	Nutrien Ag Solutions, Inc.	Natural Resource Project	485.47
72296	06/29/21	dav003	117083	Davey Resource Group, Inc.	Construction Imp.-Maint & Repair	10,642.50
72297	06/29/21	don001	May/June 2021	Matthew Doneux	Employee Reimbursement	782.42
72298	06/29/21	fit002	June 2021	Mary Fitzgerald	Employee Reimbursement	112.40
72299	06/29/21	fol004	June 2021	Dani M. Follett-Dion	Employee Reimbursement	30.86
72300	06/29/21	fox002	20-50 CS	Cameron Fox	Stewardship Grant Fund	2,065.75
72301	06/29/21	gal001	June 2021	Galowitz Olson, PLLC	June Legal Fees	2,010.00
72302	06/29/21	gil001	205787	Gilbert Mechanical Contractors, Inc.	Bldg./Site Maintenance	321.50
72303	06/29/21	gla001	GR21-145	Glacial Ridge Drilling, Inc.	Stewardship Grant Fund	1,500.00
72304	06/29/21	hau001	21-02 CS	Cynthia Haukland	Stewardship Grant Fund	1,085.00
72305	06/29/21	haw001	4927830	Hawkins, Inc.	Water QM Staff	16,886.60
72306	06/29/21	haz001	June 2021	Lauren Hazenson	Employee Reimbursement	80.00
72307	06/29/21	hom001	June 2021	Home Depot Credit Services	Water QM/Const-Maint & Rep/Natural	223.25
72308	06/29/21	ind002	INV265793	Indelco Plastics Corporation	Construction Imp.-Maint & Repair	270.00
72309	06/29/21	inn002	IN3376259	Innovative Office Solutions LLC	Office Supplies	790.62
72310	06/29/21	int001	W21050499	Office of MN, IT Services	Telephone Expense	57.48
72311	06/29/21	isc001	PO20089576	Teledyne Instruments, Inc.	Water QM Staff	1,034.30
72312	06/29/21	jac004	20-12 CS	Michele Jacobson	Stewardship Grant Fund	7,881.25
72313	06/29/21	kob001	June 2021	Julia R. Kobilka	Employee Reimbursement	78.48
72314	06/29/21	kor001	June 2021	Eric Korte	Employee Reimbursement	120.00
72315	06/29/21	kub001	June 2021	Kyle W. Kubitz	Employee Reimbursement	239.78
72316	06/29/21	lea001	June 2021	League of MN Cities Ins. Trust WC	Insurance Expense	8,920.00
72317	06/29/21	mbc001	1106	MB Consulting	Events	5,000.00
72318	06/29/21	mel001	Mar 2021	Michelle L. Melser	Employee Reimbursement	235.93
72319	06/29/21	met004	INV1834751	Metro Sales, Inc.	Printing	367.00
72320	06/29/21	min007	Pay Application #1	Minger Construction Co., Inc.	Construction Imp.-Maint & Repair	79,415.00
72321	06/29/21	min008	29574	Minnesota Native Landscapes, Inc.	Construction Imp.-Maint & Repair	6,640.00
72322	06/29/21	nep001	June 2021	NCPERS Group Life Ins.	Employee Benefits	16.00
72323	06/29/21	nor016	June 2021	Northland Trust Services, Inc.	Debt Services-Beltline Tunnel	31,826.25
72324	06/29/21	nsp001	734983562	Xcel Energy	Water QM/Utilities/Constr.	1,327.07
72325	06/29/21	odl001	20-07 MTN	Kristy Odland	Stewardship Grant Fund	1,000.00
72326	06/29/21	ols003	21-09 CS	Jennifer Olson	Stewardship Grant Fund	393.91
72327	06/29/21	pac001	21100333687	Pace Analytical Services, Inc.	Water QM Staff	3,438.63
72328	06/29/21	pem002	Progress Pay #6	Pember Companies	Construction-Flood Damage	18,305.91
72329	06/29/21	pho001	Stipend	Aloun Phoulavan	Stewardship Grant Fund	500.00
72330	06/29/21	pio001	20-31 CS	Michelle Piotrowski	Stewardship Grant Fund	2,250.00
72331	06/29/21	pre003	318170613	Premium Waters, Inc.	Utilities/Bldg. Contracts	26.00
72332	06/29/21	qwe001	June 2021	CenturyLink	Project Operations	247.07
72333	06/29/21	ram002	COR-003463	Ramsey County	Educational/Construction-Maint. & Rep.	1,310.00
72334	06/29/21	red002	150462579	Redpath & Company	May Accounting Services	1,732.16
72335	06/29/21	sim001	May/June 2021	Emily Simmons	Employee Reimbursement	167.55
72336	06/29/21	sod001	June 2021	Nicole Soderholm	Employee Reimbursement	68.00
72337	06/29/21	sto003	June 2021	Michael J Stoffel	Employee Reimbursement	92.28
72338	06/29/21	stp004	June 2021	St. Paul East Parks Lions	Events	99.50
72339	06/29/21	stu001	2019483/2019478	Studio Lola	Events/Stewardship/Communications	1,422.50
72340	06/29/21	sun001	Progress Pay #5	Sunram Construction, Inc	BMP Cost Share Program/Retrofit	67,599.84
72341	06/29/21	tim002	M263522	Timesaver Off-Site Secretarial, Inc.	Committee/Board/Meeting Expense	331.00

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From Jun 1, 2021 to Jun 30, 2021**

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
72342	06/29/21	tro002	21-06	Cathy Troendle	Educational Program	886.37
72343	06/29/21	uni001	20-35 CS	Union Cemetery Association	Stewardship Grant Fund	52,542.80
72344	06/29/21	usb002	June 2021	U.S. Bank	June Credit Card Expense	5,031.94
72345	06/29/21	van001	July 2021	Vanguard Cleaning Systems of Minnesota	Janitorial/Trash Service	550.00
72346	06/29/21	voy001	8392934232126	US Bank Voyager Fleet Sys.	Vehicle Fuel-General	376.25
72347	06/29/21	was002	5250/5263	Washington Conservation District	Stewardship Grant Fund	1,793.25
72348	06/29/21	wis002	21-12 CS	Wayne Wise	Stewardship Grant Fund	2,380.50
<b>Total</b>						<b><u>\$504,551.13</u></b>
EFT	05/14/21	myp001	05/14/21	May 14th Payroll Fees	4110-101-000	71.60
EFT	05/28/21	myp001	05/28/21	May 28th Payroll Fees	4110-101-000	81.35
Dir.Dep.	06/11/21	---	Payroll Expense-Net	June 11th Payroll	4010-101-000	31,851.69
EFT	06/11/21	int002	Internal Rev.Serv.	June 11th Federal Withholding	2001-101-000	11,082.96
EFT	06/11/21	mnd001	MN Revenue	June 11th State Withholding	2003-101-000	2,063.38
EFT	06/11/21	per001	PERA	June 11th PERA	2011-101-000	6,263.10
EFT	06/11/21	emp002	Empower Retirement	Employee Def.Comp. Contributions	2016-101-000	2,645.00
EFT	06/11/21	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	450.00
Dir.Dep.	06/25/21	---	Payroll Expense-Net	June 25th Payroll	4010-101-000	31,851.71
EFT	06/25/21	int002	Internal Rev.Serv.	June 25th Federal Withholding	2001-101-000	11,082.92
EFT	06/25/21	mnd001	MN Revenue	June 25th State Withholding	2003-101-000	2,063.38
EFT	06/25/21	per001	PERA	June 25th PERA	2011-101-000	6,263.10
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EFT	06/25/21	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	450.00
<b>Payroll/Benefits:</b>						<b><u>\$108,865.19</u></b>
<b>Total</b>						<b><u>Accounts Payable/Payroll/Benefits: \$613,416.32</u></b>

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From June 1, 2021 - June 30, 2021**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
06/01/21	EFT	met008	MetLife-Group Benefits	4040-101-000	Employee Benefits-General	\$1,585.09	
06/15/21	EFT	hea002	HealthPartners	4040-101-000	Employee Benefits-General	11,560.27	
06/01/21	40276	bee001	Charlie Beech	4670-101-000	Natural Resources Project-General	150.00	
06/14/21	72268	adv003	Advantage Signs & Graphics, Inc.	4650-516-000	Project Operations-Maint. & Repair	56.02	
06/14/21	72269	aws001	AWS Service Center	4341-101-000	Janitorial/Trash Service	241.91	
06/14/21	72270	fle001	Flemings Auto Service	4820-101-000	Vehicle Maintenance-General	75.15	
06/14/21	72271	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Bldg./Site Maintenance	345.44	
06/14/21	72272	int003	Intereum, Inc.	4703-101-000	Office Equipment-General	625.00	
06/14/21	72273	jad001	Anita Jader Photography	4371-101-000	Communications & Marketing	720.00	
06/14/21	72274	min008	Minnesota Native Landscapes, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	5,323.00	
06/14/21	72275	pit001	Pitney Bowes Global Financial Serv., LLC	4330-101-000	Postage-General	143.55	
06/14/21	72276	pra001	Prairie Moon Nursery, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	2,773.75	
06/14/21	72277	red004	Red Rock Fire	4670-101-000	Natural Resources Project-General	826.50	
06/14/21	72278	san003	Sandstrom Land Management	4630-516-000	Construction Imp.-Maint. & Repair	5,217.50	
06/14/21	72279	sch009	Schlomka Services, LLC	4650-101-000	Project Operations-General	2,350.00	
06/14/21	72280	stu001	Studio Lola	4372-101-000	Events	3,185.00	
06/14/21	72281	usb005	US Bank Equipment Finance	4335-101-000	Printing-General	294.00	
06/14/21	72282	van001	Vanguard Cleaning Systems of Minnesota	4341-101-000	Janitorial/Trash Service	550.00	
06/29/21	72283	ada002	Adam's Pest Control, Inc.	4343-101-000	Bldg./Site Maintenance	79.00	
06/29/21	72284	ahl001	Paige Ahlborg	4040-101-000	Employee Benefits-General	422.80	
06/29/21	72285	app001	Applied Ecological Services, Inc.	4682-529-000	Stewardship Grant Fund	1,408.05	
06/29/21	72286	att002	AT & T Mobility - ROC	4530-101-000	Water QM Staff-General	165.34	
06/29/21	72287	bar001	Barr Engineering			107,816.58	
				4121-101-000	Engineering Admin-General Fund		5,518.50
				4123-101-000	Engineering-Review		4,874.00
				4129-101-000	Project Feasability-General		13,245.83
				4129-101-000	Project Feasability-General		4,298.50
				4129-101-000	Project Feasability-General		1,319.50
				4129-101-000	Project Feasability-General		711.41
				4129-101-000	Project Feasability-General		270.00
				4520-101-000	Water QM-Engineering		126.00
				4124-101-000	Engineering-Permit Review		6,509.50
				4661-101-000	SLMP/TMDL Studies		80.00
				4661-101-000	SLMP/TMDL Studies		52.50
				4695-101-000	Research Projects-General		195.00
				4695-101-000	Research Projects-General		6,366.00
				4695-101-000	Research Projects-General		3,060.00
				4695-101-000	Research Projects-General		8,901.90
				4650-101-000	Engineering-Project Operations		1,472.00
				4128-518-000	Engineering-School/Commer Retrofit		3,151.60
				4128-518-000	Engineering-School/Commer Retrofit		2,214.00
				4128-518-000	Engineering-School/Commer Retrofit		1,664.00
				4128-518-000	Engineering-School/Commer Retrofit		104.00
				4128-518-000	Engineering-School/Commer Retrofit		3,092.00
				4682-529-000	Stewardship Grant Fund		2,250.00
				4128-553-000	Engineering-Wakefield		931.18
				4128-520-000	Engineering-Flood Damage		7,953.50
				4128-520-000	Engineering-Flood Damage		1,798.00



**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From June 1, 2021 - June 30, 2021**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
				4128-516-000	Engineering-Maint. & Repair		15,499.26
				4128-516-000	Engineering-Maint. & Repair		1,898.00
				4128-516-000	Engineering-Maint. & Repair		10,260.40
06/29/21	72288	bar004	Deborah Barnes	4040-101-000	Employee Benefits-General	40.00	
06/29/21	72289	ber007	John Bergquist	4682-529-000	Stewardship Grant Fund	2,118.06	
06/29/21	72290	blo001	Simba Blood			276.82	
				4020-101-000	Employee Expenses-General		77.06
				4670-101-000	Natural Resources Project-General		119.76
				4040-101-000	Employee Benefits-General		80.00
06/29/21	72291	bre003	Bremer Bank	4040-101-000	Employee Benefits-General	8,100.00	
06/29/21	72292	cad001	Allstream	4530-101-000	Water QM Staff-General	74.08	
06/29/21	72293	cit011	City of Roseville	4325-101-000	IT/Website/Software	4,958.78	
06/29/21	72294	com004	Comcast	4342-101-000	Utilities/Bldg. Contracts	79.07	
06/29/21	72295	cro001	Nutrien Ag Solutions, Inc.	4670-101-000	Natural Resources Project-General	485.47	
06/29/21	72296	dav003	Davey Resource Group, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	10,642.50	
06/29/21	72297	don001	Matthew Doneux			782.42	
				4670-101-000	Natural Resources Project-General		702.42
				4040-101-000	Employee Benefits-General		80.00
06/29/21	72298	fit002	Mary Fitzgerald			112.40	
				4020-101-000	Employee Expenses-General		22.40
				4040-101-000	Employee Benefits-General		90.00
06/29/21	72299	fol004	Dani M. Follet-Dion	4020-101-000	Employee Expenses-General	30.86	
06/29/21	72300	fox002	Cameron Fox	4682-529-000	Stewardship Grant Fund	2,065.75	
06/29/21	72301	gal001	Galawitz Olson, PLLC			2,010.00	
				4131-101-000	Attorney General-General		1,596.00
				4131-520-000	Attorney-Flood Damage		414.00
06/29/21	72302	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Bldg./Site Maintenance	321.50	
06/29/21	72303	gla001	Glacial Ridge Drilling, Inc.	4682-529-000	Stewardship Grant Fund	1,500.00	
06/29/21	72304	hau001	Cynthia Haukland	4682-529-000	Stewardship Grant Fund	1,085.00	
06/29/21	72305	haw001	Hawkins, Inc.	4530-101-000	Water QM Staff-General	16,886.60	
06/29/21	72306	haz001	Lauren Hazenson	4040-101-000	Employee Benefits-General	80.00	
06/29/21	72307	hom001	Home Depot Credit Services			223.25	
				4530-101-000	Water QM Staff-General		80.91
				4630-516-000	Construction Imp.-Maint. & Repair		78.48
				4670-101-000	Natural Resources Project-General		63.86
06/29/21	72308	ind002	Indelco Plastics Corporation	4630-516-000	Construction Imp.-Maint. & Repair	270.00	
06/29/21	72309	inn002	Innovative Office Solutions, LLC	4320-101-000	Office Supplies-General	790.62	
06/29/21	72310	int001	Office of MN, IT Services	4310-101-000	Telephone-General	57.48	
06/29/21	72311	isc001	Teledyne Instruments, Inc.	4530-101-000	Water QM Staff-General	1,034.30	
06/29/21	72312	jac004	Michele Jacobson	4682-529-000	Stewardship Grant Fund	7,881.25	
06/29/21	72313	kob001	Julia R., Kobilka	4020-101-000	Employee Expenses-General	78.48	
06/29/21	72314	kor001	Eric Korte	4040-101-000	Employee Benefits-General	120.00	
06/29/21	72315	kub001	Kyle W. Kubitza			239.78	
				4020-101-000	Employee Expenses-General		98.56
				4040-101-000	Employee Benefits-General		86.73
				4530-101-000	Water QM Staff-General		54.49
06/29/21	72316	lea001	League of MN Cities Ins. Trust WC	4480-101-000	Insurance-General	8,920.00	
06/29/21	72317	mbc001	MB Consulting	4372-101-000	Events	5,000.00	

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From June 1, 2021 - June 30, 2021**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
06/29/21	72318	mel001	Michelle L. Melser			235.93	
				4343-101-000	Bldg./Site Maintenance		175.00
				4020-101-000	Employee Expenses-General		60.93
06/29/21	72319	met004	Metro Sales, Inc.	4335-101-000	Printing-General	367.00	
06/29/21	72320	min007	Minger Construction Co., Inc.	4630-516-000	Construction Imp.-Maint. & Repair	79,415.00	
06/29/21	72321	min008	Minnesota Native Landscapes, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	6,640.00	
06/29/21	72322	ncp001	NCPERS Group Life Ins.	4040-101-000	Employee Benefits-General	16.00	
06/29/21	72323	nor016	Northland Trust Services, Inc.	4708-526-000	Debt Services-Beltline Tunnel	31,826.25	
06/29/21	72324	nsp001	Xcel Energy			1,327.07	
				4342-101-000	Utilities/Bldg. Contracts		1,061.37
				4530-101-000	Water QM Staff-General		114.48
				4650-520-000	Project Operations-Flood		151.22
06/29/21	72325	odl001	Kristy Odland	4682-529-000	Stewardship Grant Fund	1,000.00	
06/29/21	72326	ols003	Jennifer Olson	4682-529-000	Stewardship Grant Fund	393.91	
06/29/21	72327	pac001	Pace Analytical Services, Inc.	4530-101-000	Water QM Staff-General	3,438.63	

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From June 1, 2021 - June 30, 2021**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
06/29/21	72328	pem002	Pember Companies	4630-520-000	Construction-Flood Damage	18,305.91	
06/29/21	72329	pho001	Aloun Phoulavan	4682-529-000	Stewardship Grant Fund	500.00	
06/29/21	72330	pio001	Michelle Piotrowski	4682-529-000	Stewardship Grant Fund	2,250.00	
06/29/21	72331	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Bldg. Contracts	26.00	
06/29/21	72332	qwe001	CenturyLink	4650-101-000	Project Operations	247.07	
06/29/21	72333	ram002	Ramsey County			1,310.00	
				4370-101-000	Educational Program-General		140.00
				4630-516-000	Construction Imp.-Maint. & Repair		1,170.00
06/29/21	72334	red002	Redpath & Company, Ltd.	4110-101-000	Auditor/Accounting	1,732.16	
06/29/21	72335	sim001	Emily Simmons	4020-101-000	Employee Expenses-General	167.55	
06/29/21	72336	sod001	Nicole Soderholm			68.00	
				4040-101-000	Employee Benefits-General		40.00
				4020-101-000	Employee Expenses-General		28.00
06/29/21	72337	sto003	Michael J. Stoffel			92.28	
				4670-101-000	Natural Resources Project-General		84.28
				4020-101-000	Employee Expenses-General		8.00
06/29/21	72338	stp004	St. Paul East Parks Lions	4372-101-000	Events	99.50	
06/29/21	72339	stu001	Studio Lola			1,422.50	
				4372-101-000	Events		668.75
				4682-529-000	Stewardship Grant Fund		153.75
				4371-101-000	Communications & Marketing		600.00
06/29/21	72340	sun001	Sunram Construction, Inc.	4682-518-000	BMP Cost Share Program	67,599.84	
06/29/21	72341	tim002	Timesaver Off-Site Secretarial, Inc.	4365-101-000	Committee/Board Meeting Expense	331.00	
06/29/21	72342	tro002	Cathy Troendle			886.37	
				4370-101-000	Educational Program-General		750.00
				4370-101-000	Educational Program-General		76.33
				4370-101-000	Educational Program-General		60.04
06/29/21	72343	uni001	Union Cemetery Association	4682-529-000	Stewardship Grant Fund	52,542.80	
06/29/21	72344	usb002	U.S. Bank			5,031.94	
				4343-101-000	Bldg./Site Maintenance		(49.71)
				4343-101-000	Bldg./Site Maintenance		62.86
				4325-101-000	IT/Website/Software		93.07
				4320-101-000	Office Supplies-General		60.00
				4320-101-000	Office Supplies-General		43.90
				4170-101-000	GIS System Maintenance & Equipment		(28.03)
				4530-101-000	Water QM Staff-General		159.00
				4040-101-000	Employee Benefits-General		55.90
				4530-101-000	Water QM Staff-General		23.30
				4530-101-000	Water QM Staff-General		89.20
				4703-101-000	Office Equipment-General		974.80
				4530-101-000	Water QM Staff-General		228.90
				4703-101-000	Office Equipment-General		185.32
				4703-101-000	Office Equipment-General		15.99
				4371-101-000	Communications & Marketing		663.00
				4371-101-000	Communications & Marketing		1,199.52
				4697-101-000	Health & Safety		29.37
				4320-101-000	Office Supplies-General		45.00
				4350-101-000	Training & Education		169.38

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From June 1, 2021 - June 30, 2021**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
				4371-101-000	Communications & Marketing		258.77
				4670-101-000	Natural Resources Project-General		416.40
				4530-101-000	Water QM Staff-General		336.00
06/29/21	72345	van001	Vanguard Cleaning Systems of Minnesota	4341-101-000	Janitorial/Trash Service	550.00	
06/29/21	72346	voy001	US Bank Voyager Fleet System	4830-101-000	Vehicle Fuel-General	376.25	
06/29/21	72347	was002	Washington Conservation District	4682-529-000	Stewardship Grant Fund	1,793.25	
06/29/21	72348	wis002	Wayne Wise	4682-529-000	Stewardship Grant Fund	2,380.50	
<b>Accounts Payable Total:</b>						<b>\$504,551.13</b>	
EFT	05/14/21	myp001	Payroll Fees	4110-101-000	May 14th Payroll Fees	71.60	
EFT	05/28/21	myp001	Payroll Fees	4110-101-000	May 28th Payroll Fees	81.35	
Dir.Dep.	06/11/21	---	Payroll Expense-Net	4010-101-000	June 11th Payroll	31,851.69	
EFT	06/11/21	int002	Internal Rev.Serv.	2001-101-000	June 11th Federal Withholding	11,082.96	
EFT	06/11/21	mnd001	MN Revenue	2003-101-000	June 11th State Withholding	2,063.38	
EFT	06/11/21	per001	PERA	2011-101-000	June 11th PERA	6,263.10	
EFT	06/11/21	emp002	Empower Retirement	2016-101-000	Employee Def.Comp. Contributions	2,645.00	
EFT	06/11/21	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	450.00	
Dir.Dep.	06/25/21	---	Payroll Expense-Net	4010-101-000	June 25th Payroll	31,851.71	
EFT	06/25/21	int002	Internal Rev.Serv.	2001-101-000	June 25th Federal Withholding	11,082.92	
EFT	06/25/21	mnd001	MN Revenue	2003-101-000	June 25th State Withholding	2,063.38	
EFT	06/25/21	per001	PERA	2011-101-000	June 25th PERA	6,263.10	
EFT	06/25/21	emp002	Empower Retirement	2016-101-000	Employee Def.Comp. Contributions	2,645.00	
EFT	06/25/21	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	450.00	
<b>Payroll/Benefits</b>						<b>\$108,865.19</b>	
<b>TOTAL:</b>						<b>\$613,416.32</b>	



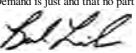
Summary of Professional Engineering Services During the Period  
May 15, 2021 through June 18, 2021

	Total Engineering Budget (2021)	Total Fees to Date (2021)	Budget Balance (2021)	Fees During Period	District Accounting Code	Plan Implementation Task Number
<b>Engineering Administration</b>						
General Engineering Administration	\$76,000.00	\$32,359.00	\$43,641.00	\$5,518.50	4121-101	DW-13
RWMWD Health and Safety/ERTK Program	\$2,000.00	\$0.00	\$2,000.00		4697-101	DW-13
Educational Program/Educational Forum Assistance	\$20,000.00	\$17,120.00	\$2,880.00	\$0.00	4129-101	DW-11
<b>Engineering Review</b>						
Engineering Review	\$55,000.00	\$28,540.50	\$26,459.50	\$4,874.00	4123-101	DW-13
<b>Project Feasibility Studies</b>						
Interim emergency response plan funds for top priority District flooding areas	\$60,000.00	\$28,894.26	\$31,105.74	\$13,245.83	4129-101	DW-19
Groundwater/Surface Water Next Steps	\$50,000.00	\$0.00	\$50,000.00		4129-101	DW-16
FEMA Flood Mapping Update (2020)	\$109,720.00	\$85,879.50	\$23,840.50	\$0.00	4129-101	DW-9
Hillcrest Golf Course (multi-use)	\$20,000.00	\$90.00	\$19,910.00		4129-101	DW-6
Gold BRT planning	\$20,000.00	\$0.00	\$20,000.00	\$0.00	4129-101	DW-6
Kohlman Creek flood damage reduction feasibility study	\$75,000.00	\$9,060.21	\$65,939.79	\$4,298.50	4129-101	DW-9, BELT-3
Grass Lake Berm Wetland	\$35,000.00	\$7,193.50	\$27,806.50	\$1,319.50	4129-101	
Ames Lake Technical Assistance and Project Planning with St. Paul	\$25,000.00	\$7,869.91	\$17,130.09	\$711.41	4129-101	DW-9, BELT-3
Battle Creek PFAS (monitoring, source ID, meetings, communications)	\$25,000.00	\$0.00	\$25,000.00		4129-101	DW-10
694/494 WQ treatment feasibility study	\$30,000.00	\$0.00	\$30,000.00		4129-101	BCL-3
Subwatershed feasibility studies for At-Risk creeks (Fish Creek and Gervais Creek)	\$35,000.00	\$270.00	\$34,730.00	\$270.00	4129-101	DW-1, DW-2, DW-6
Wetland Restoration Workshop, Education, and Planning	\$25,000.00	\$0.00	\$25,000.00		4129-101	DW-8
Contingency	\$50,000.00	\$0.00	\$50,000.00		4129-101	
<b>GIS Maintenance</b>						
GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00		4170-101	DW-13
<b>Monitoring Water Quality/Project Monitoring</b>						
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$0.00	\$10,000.00		4520-101	DW-2
Annual WQ Report Assistance	\$10,000.00	\$0.00	\$10,000.00		4520-101	DW-2
Special Project BMP Monitoring	\$25,000.00	\$8,322.50	\$16,677.50	\$126.00	4520-101	DW-12
<b>Permit Processing, Inspection and Enforcement</b>						
Permit Application Inspection and Enforcement	\$10,000.00	\$0.00	\$10,000.00		4122-101	DW-7
Permit Application Review	\$55,000.00	\$24,953.00	\$30,047.00	\$6,509.50	4124-101	DW-7
<b>Lake Studies/WRPPs/TMDL Reports</b>						
2020 Grant Applications	\$40,000.00	\$0.00	\$40,000.00		4661-101	DW-13
Tanners Flood Response Tool Model Update	\$3,000.00	\$80.00	\$2,920.00		4661-101	TAL-1
WMP Updates - Including Implementation Plan Updates	\$20,000.00	\$0.00	\$20,000.00		4661-101	DW-13
Prioritization of water quality projects from subwatershed feasibility studies	\$15,000.00	\$52.50	\$14,947.50	\$52.50	4661-101	DW-13
Contingency for Lake Studies	\$25,000.00	\$0.00	\$25,000.00		4661-101	
<b>Research Projects</b>						
New Technology Mini Case Studies (average 6 per year)	\$12,000.00	\$4,043.00	\$7,957.00	\$195.00	4695-101	DW-12
Kohlman Permeable Weir Test System - Implement Monitoring Plan	\$15,000.00	\$7,198.50	\$7,801.50	\$6,366.00	4695-101	DW-12
Phalen Chain of Lakes Changes in Water Quality	\$10,000.00	\$7,383.00	\$2,617.00	\$3,060.00	4695-101	DW-2, DW-12
Shallow Lake Aeration Study	\$36,000.00	\$18,363.80	\$17,636.20	\$8,901.90	4695-101	DW-12
<b>Project Operations</b>						
2020 Tanners Alum Facility Monitoring	\$15,000.00	\$10,597.50	\$4,402.50	\$1,472.00	4650-101	TAL-3
Beltline Outlet and Keller Channel Operations Plans	\$30,000.00	\$0.00	\$30,000.00		4650-101	DW-9, BELT-3
<b>Capital Improvements</b>						
East St. Paul Target	\$45,000.00	\$49,729.87	-\$4,729.87	\$3,151.60	4128-518	DW-6
North St. Paul Target	\$150,000.00	\$117,770.93	\$32,229.07	\$2,214.00	4128-518	DW-6
Cemstone	\$60,000.00	\$0.00	\$60,000.00		4128-518	DW-6
Commercial Sites Retrofit Projects 2021 (Targeted Retrofits)	\$45,000.00	\$2,964.00	\$42,036.00	\$1,664.00	4128-518	DW-6
School Sites Retrofit Projects 2021 (Targeted Retrofits)	\$45,000.00	\$2,418.00	\$42,582.00	\$1,040.00	4128-518	DW-6
Church Sites Retrofit Projects 2021 (Targeted Retrofit)	\$45,000.00	\$11,644.00	\$33,356.00	\$3,092.00	4128-518	DW-6
BMP Incentive Fund: Gen1 BMP Design Assistance and Review (cases where Dist is approached by landowner, or landowner is not commercial, school, church).	\$75,000.00	\$21,637.10	\$53,362.90	\$2,250.00	4682-529	DW-6
Willow Lake Area Detention (from feas. Study)	\$150,000.00	\$0.00	\$150,000.00		4128-520	DW-9, BELT-3
Kohlman Creek Storage and Detention (from feas. Study)	\$200,000.00	\$0.00	\$200,000.00		4128-520	KC-2
Aldrich Arena (soils and plantings)	\$25,000.00	\$23,836.89	\$1,163.11	\$0.00	4128-518	DW-6, WL-1
Wakefield Park/Frost Avenue Stormwater Project	\$17,500.00	\$23,082.45	-\$5,582.45	\$931.18	4128-553	DW-6, WL-1
Wetland Restoration	\$100,000.00	\$0.00	\$100,000.00		4128-529	DW-1, DW-8
Keller Channel Weir & Phalen Outlet Resiliency Modifications	\$250,000.00	\$221,650.27	\$28,349.73	\$7,953.50	4128-520	DW-9, BELT-3
Address Internal Load in TMDL lakes	\$60,000.00	\$0.00	\$60,000.00		4661-101	KL-2, BC-2, WL-3
Ryan Drive-Keller Parkway Conveyance	\$194,000.00	\$140,882.19	\$53,117.81	\$1,798.00	4128-520	DW-9, BELT-3, WC
Twin Lake Outlet Easement Acquisition, Permitting, Construction Plans (2020)	\$90,000.00	\$72,309.87	\$17,690.13	\$0.00	4128-520	DW-9
Place holder for feas. study (other) recommendations	\$25,000.00	\$0.00	\$25,000.00		4128-520	
<b>CIP Project Repair &amp; Maintenance</b>						
Routine CIP Inspection and Unplanned Maintenance Identification	\$75,000.00	\$52,319.69	\$22,680.31	\$15,499.26	4128-516	DW-5
Beltline 5-year Inspection	\$70,000.00	\$17,895.32	\$52,104.68	\$1,898.00	4128-516	BELT-2
2021 CIP Maintenance and Repairs	\$150,000.00	\$115,345.63	\$34,654.37	\$10,260.40	4128-516	DW-5
2022 CIP Maintenance and Repairs (planning, bidding, and project setup)	\$30,000.00	\$0.00	\$30,000.00		4128-516	DW-5

TOTAL PAYABLE FOR PERIOD 05/15/21 - 6/18/21

\$107,816.58

Barr declares under the penalties of Law that this Account,  
Claim, or Demand is just and that no part has been paid.

  
Bradley J. Lindaman, Vice President



**Application for Payment No. 01**

**Beltline - East Mechanic Branch and McKnight Basin Structure 98 Repairs  
Ramsey-Washington Metro Watershed District**

**Owner:** Ramsey-Washington Metro Watershed District

**Contractor:** Minger Construction Co., Inc.

**Engineer:** Barr Engineering, Co.

For work accomplished through the date of June 22, 2021

1.0	Completed to Date:	\$79,415.00
2.0	Less Previously Billed:	\$0.00
3.0	Amount Completed This Period:	\$79,415.00
4.0	Amount Previously Retained:	\$0.00
5.0	Amount Retained This Period (See Note 1):	\$0.00
6.0	Total Amount Retained:	\$0.00
7.0	Retainage Released Through This Period:	\$0.00
8.0	Less Total Retainage Remaining:	\$0.00
9.0	Less Amounts Previously Paid:	\$0.00
10.0	Amount Due This Estimate:	\$79,415.00

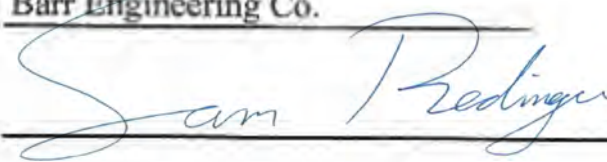
**CONTRACTOR's Certification**

The undersigned CONTRACTOR certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

**SUBMITTED BY:**

Name: Ryan Blake Date: 6/22  
Title: Project Manager  
Contractor: Minger Construction Co., Inc.  
Signature: 

**RECOMMENDED BY:**

Name: Sam Redinger Date: June 22, 2021  
Title: Project Engineer  
Engineer: Barr Engineering Co.  
Signature: 

**APPROVED BY:**

Name: Lawrence Swope Date: \_\_\_\_\_  
Title: President  
Owner: Ramsey-Washington Metro Watershed District  
Signature: \_\_\_\_\_

Beltline - East Mechanic Branch and McKnight Basin Structure 98 Repairs  
 Ramsey-Washington Metro Watershed District  
 Summary of Work Completed through June 22, 2021 for Progress Payment No. 01

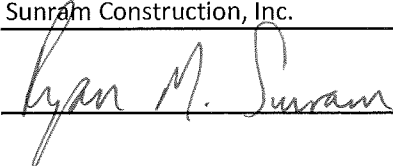
				Minger Construction Co., Inc.		(1) Total Completed This Period		(2) Total Completed Previous Periods		(3) Total Completed To Date	
Item	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT COST	EXTENSION	Quantity		Quantity		Quantity	
Beltline - East Mechanic Branch Repairs											
A	Mobilization	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$3,000.00		\$0.00	1	\$3,000.00
B	Water Management	LS	1	\$ 12,500.00	\$ 12,500.00	1	\$12,500.00		\$0.00	1	\$12,500.00
C	Erosion Control	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$3,000.00		\$0.00	1	\$3,000.00
D	Traffic Control	LS	1	\$ 4,750.00	\$ 4,750.00	1	\$4,750.00		\$0.00	1	\$4,750.00
E	Point Repair (Station 231+62)	EA	1	\$ 3,750.00	\$ 3,750.00	1	\$3,750.00		\$0.00	1	\$3,750.00
G	Invert Repair (Station 232+09)	SF	10.00	\$ 550.00	\$ 5,500.00	18.00	\$9,900.00		\$0.00	18.00	\$9,900.00
G	Invert Repair (Station 231+86)	SF	4.00	\$ 550.00	\$ 2,200.00	12.00	\$6,600.00		\$0.00	12.00	\$6,600.00
G	Invert Repair (Station 234+60)	SF	6.00	\$ 550.00	\$ 3,300.00	2.40	\$1,320.00		\$0.00	2.40	\$1,320.00
G	Invert Repair (Station 234+68)	SF	2.00	\$ 950.00	\$ 1,900.00	3.90	\$3,705.00		\$0.00	3.90	\$3,705.00
McKnight Basin Structure 98 Repairs											
A	Mobilization	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$4,000.00		\$0.00	1	\$4,000.00
B	Water Management	LS	1	\$ 17,000.00	\$ 17,000.00	1	\$17,000.00		\$0.00	1	\$17,000.00
C	Erosion Control	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$3,000.00		\$0.00	1	\$3,000.00
F	Precast Joint Repairs	LF	32	\$ 117.00	\$ 3,744.00	32	\$3,744.00		\$0.00	32	\$3,744.00
BASE BID TOTAL					\$ 67,644.00	\$76,269.00		\$0.00		\$76,269.00	
CHANGE ORDER - ADDITIONAL ITEMS											
1-1	Invert Repair (Station 234+89)	SF	11.44	\$ 275.00	\$ 3,146.00	11.44	\$3,146.00		\$0.00	11.44	\$3,146.00
SUBTOTAL CHANGE ORDERS					\$ 3,146.00	\$3,146.00		\$0.00		\$3,146.00	
TOTAL BASE BID PLUS CHANGE ORDERS					\$ 70,790.00		\$79,415.00		\$0.00		\$79,415.00
RETAINAGE (5% Retainage, up to 100% of Work Completion)					\$ 3,539.50		\$0.00		\$0.00		\$0.00
TOTAL AMOUNT DUE:							\$79,415.00		\$0.00		\$79,415.00

**Target East St. Paul Retail Store Stormwater Retrofits**  
**Progress Payment Number 5**

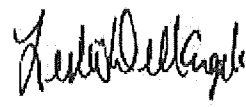
1.0	Total Completed Through This Period:	<u>\$646,527.13</u>	
2.0	Total Completed Previously:	<u>\$575,369.41</u>	
3.0	Total Completed This Period:		<u>\$71,157.73</u>
4.0	Amount Previously Retained:	<u>\$28,768.47</u>	
5.0	Amount Retained This Period (See Note 1):		<u>\$3,557.89</u>
6.0	Total Amount Retained (See Note 1):	<u>\$32,326.36</u>	
7.0	Retainage Released Through This Period:		<u>\$0.00</u>
8.0	Total Retainage Remaining:	<u>\$32,326.36</u>	
9.0	Amounts Previously Paid:	<u>\$546,600.94</u>	
10.0	Amount Due This Estimate:		<u><u>\$67,599.84</u></u>

Note 1: At rate of 5%.

**SUBMITTED BY:**

Name: Ryan Sunram Date: 6/25/21  
Title: Project Manager  
Contractor: Sunram Construction, Inc.  
Signature: 

**RECOMMENDED BY:**

Name: Leslie DellAngelo Date: 6/25/2021  
Title: Project Engineer  
Engineer: Barr Engineering Company  
Signature: 

**APPROVED BY:**

Name: Larry Swope Date: \_\_\_\_\_  
Title: President  
Owner: Ramsey-Washington Metro Watershed District  
Signature: \_\_\_\_\_



**Target East St. Paul Retail Store Stormwater Retrofits  
Ramsey-Washington Metro Watershed District  
Summary of Work Completed Through June 22, 2021 for Progress Payment Number 5**

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Through Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
A	Mobilization/Demobilization	LS	1	39,750.70	39,750.70	1.00	\$39,750.70	0.75	\$29,813.03	0.25	\$9,937.68
B	Traffic and Pedestrian Safety Control Measures	LS	1	10,500.00	10,500.00	1.00	\$10,500.00	1.00	\$10,500.00	0	\$0.00
C	Remove and Re-set Two Light Poles	LS	1	10,000.00	10,000.00	1.00	\$10,000.00	1.00	\$10,000.00	0	\$0.00
D	Inlet Protection (P)	EA	15	150.00	2,250.00	12	\$1,800.00	12	\$1,800.00	0	\$0.00
E	Mulch/Rock Filter Biolog	LF	741	4.00	2,964.00	741	\$2,964.00	741	\$2,964.00	0	\$0.00
F	Silt Fence	LF	68	5.00	340.00	0	\$0.00	0	\$0.00	0	\$0.00
G	Street Sweeping	HR	32	125.00	4,000.00	15	\$1,875.00	15	\$1,875.00	0	\$0.00
H	Removal and Disposal of Tree < 7 inch Diameter	EA	20	365.00	7,300.00	20	\$7,300.00	20	\$7,300.00	0	\$0.00
I	Removal and Disposal of Tree 7 inch to 12 inch Diameter	EA	1	750.00	750.00	1	\$750.00	1	\$750.00	0	\$0.00
J	Removal and Disposal of Tree 12 inch to 28 inch Diameter	EA	1	1,100.00	1,100.00	1	\$1,100.00	1	\$1,100.00	0	\$0.00
K	Sawcut Bituminous Pavement (Full Depth) (P)	LF	2,275	4.13	9,395.75	2275	\$9,395.75	2275	\$9,395.75	0	\$0.00
L	Remove and Dispose of Concrete Curb & Gutter	LF	559	8.00	4,472.00	559	\$4,472.00	559	\$4,472.00	0	\$0.00
M	Remove and Dispose of 8 inch Bituminous Pavement (P)	SY	2,976	5.70	16,963.20	2976	\$16,963.20	2976	\$16,963.20	0	\$0.00
N	Remove and Salvage Class 5 Aggregate (P)	CY	407	6.75	2,747.25	407	\$2,747.25	407	\$2,747.25	0	\$0.00
O	Remove and Dispose of Existing RC Storm Sewer Pipe (12 inch-18 inch)	LF	54	26.00	1,404.00	54	\$1,404.00	54	\$1,404.00	0	\$0.00
P	Bulkhead Manhole (at 12 inch RCP Removal)	LS	1	200.00	200.00	1	\$200.00	1	\$200.00	0	\$0.00
Q	Remove and Dispose of Existing Catch Basin	EA	2	575.00	1,150.00	2	\$1,150.00	2	\$1,150.00	0	\$0.00
R	Remove and Salvage Existing Top Soil (P)	CY	39	11.50	448.50	39	\$448.50	39	\$448.50	0	\$0.00
S	Common Excavation (P)	CY	1,521	14.65	22,282.65	1521	\$22,282.65	1521	\$22,282.65	0	\$0.00
T	Dispose Excavated Material Offsite (P)	CY	1,229	14.65	18,004.85	1229	\$18,004.85	1229	\$18,004.85	0	\$0.00
U	Soil Loosening - 18 inch Depth (P)	SY	860	0.85	731.00	860	\$731.00	860	\$731.00	0	\$0.00
V	Replace Salvaged Class 5 Aggregate Base (P)	CY	318	21.75	6,916.50	318	\$6,916.50	318	\$6,916.50	0	\$0.00
W	Replace Salvaged Topsoil (P)	CY	39	20.00	780.00	39	\$780.00	39	\$780.00	0	\$0.00
X	Furnish and Install Class 5 Aggregate Base	TON	2	245.00	490.00	2	\$490.00	2	\$490.00	0	\$0.00
Y	Furnish and Install Topsoil	TON	274	41.75	11,439.50	198	\$8,266.50	198	\$8,266.50	0	\$0.00
Z	Bituminous Base Course 2.5 inch thick (P)	SY	1,901	16.80	31,936.80	1804	\$30,307.20	1804	\$30,307.20	0	\$0.00
AA	Bituminous Wearing Course 1.5 inch thick (P)	SY	1,901	12.60	23,952.60	1804	\$22,730.40	1349	\$16,997.40	455	\$5,733.00
BB	Tack Coat (P)	SY	1,901	0.22	418.22	1804	\$396.88	1349	\$296.78	455	\$100.10
CC	B6-12 Concrete Curb & Gutter	LF	993	29.85	29,641.05	993	\$29,641.05	993	\$29,641.05	0	\$0.00
DD	Curb cut	EA	2	315.00	630.00	2	\$630.00	2	\$630.00	0	\$0.00
EE	Concrete Swale	LF	120	57.60	6,912.00	120	\$6,912.00	120	\$6,912.00	0	\$0.00
FF	Concrete Edge at Swale	LF	240	24.40	5,856.00	240	\$5,856.00	240	\$5,856.00	0	\$0.00
GG	Painted Pavement Marking	LS	1	2,500.00	2,500.00	1	\$2,500.00	1	\$2,500.00	0	\$0.00
HH	48 inch-Dia. Pre-cast Storm Sewer Manhole, Complete	EA	8	4,475.00	35,800.00	8	\$35,800.00	8	\$35,800.00	0	\$0.00
II	72 inch-Dia. Pre-cast Storm Sewer Manhole w/ Weir, Complete	EA	2	11,437.50	22,875.00	2	\$22,875.00	2	\$22,875.00	0	\$0.00
JJ	3 foot x 2 foot Catch Basin with Sump, Complete	EA	5	3,375.00	16,875.00	5	\$16,875.00	5	\$16,875.00	0	\$0.00
KK	Agri drain & Stop Logs, Complete	EA	3	1,935.00	5,805.00	3	\$5,805.00	3	\$5,805.00	0	\$0.00
LL	Connect to Existing Storm Structure	EA	6	1,130.00	6,780.00	6	\$6,780.00	6	\$6,780.00	0	\$0.00
MM	12 inch RC Storm Sewer Pipe	LF	17	52.50	892.50	17	\$892.50	17	\$892.50	0	\$0.00
NN	10 inch DI Storm Sewer Pipe	LF	59	74.00	4,366.00	59	\$4,366.00	59	\$4,366.00	0	\$0.00
OO	12 inch Perforated CPE Drainile Pipe and Fittings, no sock (P)	LF	550	37.15	20,432.50	550	\$20,432.50	550	\$20,432.50	0	\$0.00
PP	10 inch PVC Sewer Pipe and Fittings (P)	LF	60	50.50	3,030.00	60	\$3,030.00	60	\$3,030.00	0	\$0.00
QQ	6 inch Perforated Dual Wall HDPE Drainile Pipe and Fittings (no sock) (P)	LF	200	17.30	3,460.00	200	\$3,460.00	200	\$3,460.00	0	\$0.00
RR	6 inch PVC Storm Sewer Pipe and Fittings (P)	LF	90	33.50	3,015.00	90	\$3,015.00	90	\$3,015.00	0	\$0.00

**Target East St. Paul Retail Store Stormwater Retrofits  
Ramsey-Washington Metro Watershed District  
Summary of Work Completed Through June 22, 2021 for Progress Payment Number 5**

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Through Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
SS	6 inch Draintile Cleanout and Cover Unit	EA	12	475.00	5,700.00	6	\$2,850.00	6	\$2,850.00	0	\$0.00
TT	6 inch Draintile Connection to Structure	EA	5	815.00	4,075.00	4	\$3,260.00	4	\$3,260.00	0	\$0.00
UU	Clean Washed Sand with 5 percent iron aggregate (P)	CY	46	245.00	11,270.00	57	\$13,965.00	57	\$13,965.00	0	\$0.00
VV	Small Splash Block Assembly (Pipe Discharge)	EA	5	800.00	4,000.00	5	\$4,000.00	5	\$4,000.00	0	\$0.00
WW	Large Splash Block Assembly (Curb cut)	EA	2	1,885.00	3,770.00	1	\$1,885.00	1	\$1,885.00	0	\$0.00
XX	Limestone Block Retaining Wall	SFF	432	53.25	23,004.00	445	\$23,696.25	445	\$23,696.25	0	\$0.00
YY	Twice Shredded Hardwood Mulch (P)	CY	110	63.00	6,930.00	110	\$6,930.00	110	\$6,930.00	0	\$0.00
ZZ	Planting Soil (75% sand, 25% leaf compost - MnDOT Grade II) (P)	CY	203	47.00	9,541.00	203	\$9,541.00	203	\$9,541.00	0	\$0.00
AAA	2 inch-4 inch Clean Washed Angular Rock (Granite)	TON	300	73.75	22,125.00	302	\$22,272.50	302	\$22,272.50	0	\$0.00
BBB	Filtration Soil Washed into 2 inch-4 inch Rock (P)	CY	45	96.00	4,320.00	45	\$4,320.00	45	\$4,320.00	0	\$0.00
CCC	1/4 inch Clean Washed Chip (Granite)	TON	80	87.00	6,960.00	80	\$6,960.00	80	\$6,960.00	0	\$0.00
DDD	3/4 inch Clean Washed Chip (Granite)	TON	80	87.00	6,960.00	83	\$7,221.00	83	\$7,221.00	0	\$0.00
EEE	MnDOT Type V Geotextile Filter Fabric (P)	SY	570	3.00	1,710.00	570	\$1,710.00	570	\$1,710.00	0	\$0.00
FFF	Pre-cast Concrete Tree Box with Concrete Frame	EA	3	4,675.00	14,025.00	3	\$14,025.00	3	\$14,025.00	0	\$0.00
GGG	Tree Guard	EA	3	1,625.00	4,875.00	3	\$4,875.00	3	\$4,875.00	0	\$0.00
HHH	Tree Grate	EA	3	2,052.00	6,156.00	3	\$6,156.00	3	\$6,156.00	0	\$0.00
III	Snout Separator	EA	2	1,165.00	2,330.00	2	\$2,330.00	2	\$2,330.00	0	\$0.00
JJJ	4 inch Trench Drain with Concrete Encasement and Herringbone Grate, Complete	LF	210	237.00	49,770.00	210	\$49,770.00	210	\$49,770.00	0	\$0.00
KKK	Perennials - 4 inch pot (P)	EA	303	16.80	5,090.40	303	\$5,090.40	0	\$0.00	303	\$5,090.40
LLL	Perennials - 1 gallon pot (P)	EA	1,701	20.00	34,020.00	1701	\$34,020.00	0	\$0.00	1701	\$34,020.00
MMM	Shrub (#2 Gallon Container) (P)	EA	277	45.15	12,506.55	277	\$12,506.55	0	\$0.00	277	\$12,506.55
NNN	Deciduous Tree (#20, Cont.) (P)	EA	17	305.00	5,185.00	17	\$5,185.00	17	\$5,185.00	0	\$0.00
OOO	Sodding (Salt Tolerant)	SY	62	15.00	930.00	0	\$0.00	0	\$0.00	0	\$0.00
C.O.1	6" Solid Dual Wall HDPE Storm Sewer Pipe and Fittings (P)	LF	290	17.30	5,017.00	290	\$5,017.00	290	\$5,017.00	0	\$0.00
C.O.2.a	Draintile connections and irrigation line repairs in the tree trench	LS	1	1,675.00	1,675.00	1	\$1,675.00	1	\$1,675.00	0	\$0.00
C.O.2.b	Repairs to top of existing storm structure	LS	1	900.00	900.00	1	\$900.00	1	\$900.00	0	\$0.00
C.O.4.A	Large Splash Block Assembly Modification	EA	2	1,885.00	3,770.00	2	\$3,770.00	0	\$0.00	2	\$3,770.00
TOTAL BASE BID =					658,172.52	TOTAL EXT. =	\$646,527.13	\$575,369.41		\$71,157.73	

**Keller Channel Weir and Phalen Outlet Resiliency  
Progress Payment Number 6**

1.0	Total Completed Through This Period:	<u>\$1,210,333.99</u>	
2.0	Total Completed Previously Completed:	<u>\$1,195,033.99</u>	
3.0	Total Completed This Period:		<u>\$15,300.00</u>
4.0	Amount Previously Retained:	<u>\$59,751.70</u>	
5.0	Amount Retained This Period (See Note 1):		<u>\$765.00</u>
6.0	Total Amount Retained:	<u>\$60,516.70</u>	
7.0	Retainage Released Through This Period:		<u>\$0.00</u>
8.0	Total Retainage Remaining:	<u>\$60,516.70</u>	
9.0	Amounts Previously Paid:	<u>\$1,135,282.31</u>	
10.0	Amount Due This Estimate:		<u><u>\$14,535.00</u></u>

Note 1: Retainage shall be 5 percent of the value of the Work completed.

SUBMITTED BY:

Name: Joe Pember Date: \_\_\_\_\_  
Title: Project Manager  
Contractor: Pember Companies, Inc.

Signature: \_\_\_\_\_

RECOMMENDED BY:

Name: Brad Lindaman Date: \_\_\_\_\_  
Title: District Engineer  
Engineer: Barr Engineering Company

Signature: \_\_\_\_\_

APPROVED BY:

Name: Lawrence Swope Date: \_\_\_\_\_  
Title: President  
Owner: Ramsey-Washington Metro Watershed District

Signature: \_\_\_\_\_

**Keller Channel Weir and Phalen Outlet Resiliency**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through June 22, 2021 for Progress Payment Number 6**

						(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
Item	Description	Unit	Estimated Quantity	Unit Price	Extension	Quantity	Amount	Quantity	Amount	Quantity	Amount
General											
1.04.A	Mobilization/Demobilization	L.S.	1	58,900.00	58,900.00	1.00	\$58,900.00	1.00	\$58,900.00	0.00	\$0.00
1.04.B	Clearing and Grubbing	L.S.	1	6,500.00	6,500.00	1	\$6,500.00	1	\$6,500.00	0	\$0.00
1.04.C	Control of Water	L.S.	1	225,000.00	225,000.00	1.00	\$225,000.00	1.00	\$225,000.00	0.00	\$0.00
1.04.D	Construction Entrance	Each	3	1,000.00	3,000.00	3	\$3,000.00	3	\$3,000.00	0	\$0.00
1.04.E	Silt Fence	L.F.	450	2.70	1,215.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.F	Siltation Log	L.F.	250	4.20	1,050.00	425	\$1,785.00	425	\$1,785.00	0	\$0.00
1.04.G	Floatation Silt Curtain	L.F.	400	24.00	9,600.00	450	\$10,800.00	450	\$10,800.00	0	\$0.00
1.04.H	Erosion Control Blanket	S.Y.	347	3.70	1,283.90	1,029	\$3,807.30	1029	\$3,807.30	0	\$0.00
1.04.I	Hydro-Mulch	S.Y.	780	3.00	2,340.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.J	Inlet Protection	Each	14	130.00	1,820.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.K	Traffic and Pedestrian Control	L.S.	1	10,000.00	10,000.00	1.00	\$10,000.00	1.00	\$10,000.00	0	\$0.00
Phalen Lake East and West Outlet Structures											
1.04.L	Remove, Salvage and Replace Split Rail Fence	L.F.	135	30.00	4,050.00	135	\$4,050.00	135	\$4,050.00	0	\$0.00
1.04.M	Remove and Salvage Existing Overflow Structure Grate Trash Rack	Each	2	3,000.00	6,000.00	2	\$6,000.00	2	\$6,000.00	0	\$0.00
1.04.N	Remove and Disposal of Existing 24" RCP Flared End Section and Trash Rack Inlet	Each	2	2,000.00	4,000.00	2	\$4,000.00	2	\$4,000.00	0	\$0.00
1.04.O	Excavate and Removal of Riprap from Infront of Structures and Regrade Area	L.S.	1	50,000.00	50,000.00	1.00	\$50,000.00	1.00	\$50,000.00	0	\$0.00
1.04.P	Construction Provisions/Methods to Protect Existing Concrete Structures D	L.S.	1	15,000.00	15,000.00	1.00	\$15,000.00	1.00	\$15,000.00	0	\$0.00
1.04.Q	Remove Partial Section of Existing Concrete Weir Wall	Each	2	7,500.00	15,000.00	2	\$15,000.00	2	\$15,000.00	0	\$0.00
1.04.R	36" RCP Class II	L.F.	140	300.00	42,000.00	151	\$45,300.00	151	\$45,300.00	0	\$0.00
1.04.S	36" RC Flared End Section w/Bull Nose Trash Rack	Each	4	5,000.00	20,000.00	4	\$20,000.00	4	\$20,000.00	0	\$0.00
1.04.T	Connect 36" RCP to Existing Outlet Control Structure	Each	4	10,000.00	40,000.00	4	\$40,000.00	4	\$40,000.00	0	\$0.00
1.04.U	Random Granite Riprap Mn/DOT Class IV	Ton	556	83.00	46,148.00	398	\$33,034.00	398	\$33,034.00	0	\$0.00
1.04.V	Granular Filter Material	Ton	277	32.50	9,002.50	115	\$3,737.50	115	\$3,737.50	0	\$0.00
1.04.W	72" Dia. RC Control Structure Manhole with Integral Base, Weir Wall and Door Hatch Cast in Top Slab	Each	4	15,000.00	60,000.00	4	\$60,000.00	4	\$60,000.00	0	\$0.00
1.04.X	Construct 8" Reinforced Concrete Weir Wall in Existing Outlet Structure	Each	4	5,500.00	22,000.00	4	\$22,000.00	4	\$22,000.00	0	\$0.00
1.04.Y	Aluminum Angle Frame Floor Door Hatch – Single Leaf	Each	4	2,500.00	10,000.00	4	\$10,000.00	4	\$10,000.00	0	\$0.00
1.04.Z	Furnish and Install 48" Wide x 48" High Drop Weir Gate (Whipps, Inc.™) with Electric Actuator	Each	4	20,500.00	82,000.00	4	\$82,000.00	4	\$82,000.00	0	\$0.00
1.04.AA	Furnish and Install Custom Fabricated Special Overflow Structure Galvanized Trash Rack (Haala Ind.™)	Each	2	6,400.00	12,800.00	2	\$12,800.00	2	\$12,800.00	0	\$0.00
1.04.AB	Aggregate Fill	C.Y.	578	32.50	18,785.00	588	\$19,110.00	588	\$19,110.00	0	\$0.00
1.04.AC	Import Topsoil	C.Y.	58	70.00	4,060.00	58	\$4,060.00	58	\$4,060.00	0	\$0.00
1.04.AD	Protect Trails/Paths and Repair/Restoration of any Damaged Bituminous	L.S.	1	40,000.00	40,000.00	1.00	\$40,000.00	1.00	\$40,000.00	0.00	\$0.00

**Keller Channel Weir and Phalen Outlet Resiliency**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through June 22, 2021 for Progress Payment Number 6**

Item	Description	Unit	Estimated Quantity	Unit Price	Extension	(1) Total Completed Through This Period		(2) Total Completed Previous Period		(3) Total Completed This Period	
						Quantity	Amount	Quantity	Amount	Quantity	Amount
1.04.AE	Seeding	S.Y.	347	5.00	1,735.00	1,029	\$5,145.00	1029	\$5,145.00	0	\$0.00
1.04.AF	Site Restoration	L.S.	1	5,000.00	5,000.00	1.00	\$5,000.00	1.00	\$5,000.00	0.00	\$0.00
<b>Keller Channel Weir</b>											
1.04.AG	Remove Top 3 Feet of Existing Weir Wall	L.S.	1	18,000.00	18,000.00	1	\$18,000.00	1	\$18,000.00	0	\$0.00
1.04.AH	Construction Provisions/Methods to Protect Existing Concrete Structure During Selective Demolition/Removals	L.S.	1	8,500.00	8,500.00	1	\$8,500.00	1	\$8,500.00	0	\$0.00
1.04.AI	Concrete Modifications to Weir, (Add 1 foot to top of weir and 6 inches to side walls as shown on Drawings)	L.S.	1	8,000.00	8,000.00	1	\$8,000.00	1	\$8,000.00	0	\$0.00
1.04.AJ	Repair/Regrade Existing Channel Side Slopes, Construct Level Access Pad Area for Control Panel, Remove and Replace Riprap Upstream and Downstream of Structure, Add Topsoil, Seed, and Erosion Control Blanket	L.S.	1	28,000.00	28,000.00	1	\$28,000.00	1	\$28,000.00	0	\$0.00
1.04.AK	Furnish and Install 132" Wide x 30" High Drop Weir Gate (Whipps, Inc.™) with Interconnected Gearbox and Electric Actuator	Each	3	23,000.00	69,000.00	3	\$69,000.00	3	\$69,000.00	0	\$0.00
1.04.AL	Valve Stem Cover Box/Lid Installed	Each	3	4,100.00	12,300.00	3	\$12,300.00	3	\$12,300.00	0	\$0.00
1.04.AM	Protect Trails/Paths and Repair/Restoration of any Damaged Bituminous	L.S.	1	20,000.00	20,000.00	1.00	\$20,000.00	1.00	\$20,000.00	0.00	\$0.00
1.04.AN	Site Restoration	L.S.	1	14,000.00	14,000.00	1.00	\$14,000.00	1.00	\$14,000.00	0.00	\$0.00
<b>Electrical</b>											
1.04.AO	Electrical - Phalen Lake East and West Outlet Structures	L.S.	1	130,000.00	130,000.00	0.99	\$128,700.00	0.9	\$117,000.00	0.09	\$11,700.00
1.04.AP	Electrical - Keller Channel Weir	L.S.	1	40,000.00	40,000.00	0.99	\$39,600.00	0.9	\$36,000.00	0.09	\$3,600.00
<b>Electrical Allowance</b>											
1.05B	Schedule of Allowances	Each	1	21,000.00	21,000.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Contract Base Extensions =</b>						<b>\$1,197,089.40</b>	<b>\$1,162,128.80</b>	<b>\$1,146,828.80</b>	<b>\$1,146,828.80</b>	<b>\$15,300.00</b>	<b>\$15,300.00</b>
<b>Change Order 1</b>											
C.O.1.A	Crushed Granite Stone (Barton CA1)	Ton	400	83.00	33,200.00	416	\$34,528.00	416	\$34,528.00	0	\$0.00
C.O.1.B	Type 5 Stabilization Geotextile	SY	350	2.50	875.00	350	\$875.00	350	\$875.00	0	\$0.00
C.O.3.A	Keller Channel Sediment/Muck Excavation and Disposal	CY	105	56.68	5,951.00	105	\$5,951.00	105	\$5,951.00	0	\$0.00
C.O.4.A	Phalen Riprap Fill - 70/30 Mixture (Sand/Compost)	CY	63	54.25	3,417.75	63	\$3,417.75	63	\$3,417.75	0	\$0.00
C.O.4.B	Keller Riprap Fill - Topsoil	CY	22	41.67	916.74	22	\$916.74	22	\$916.74	0	\$0.00
C.O.4.C	Concrete Core Drill Holes for Electrical Conduits	Each	6	275.00	1,650.00	6	\$1,650.00	6	\$1,650.00	0	\$0.00
C.O.4.D	Additional Manhole Steps Installed	Each	18	48.15	866.70	18	\$866.70	18	\$866.70	0	\$0.00
<b>Change Order Extensions =</b>						<b>\$46,877.19</b>	<b>\$48,205.19</b>	<b>\$48,205.19</b>	<b>\$48,205.19</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Contract Grand Total =</b>						<b>\$1,243,966.59</b>	<b>\$1,210,333.99</b>	<b>\$1,195,033.99</b>	<b>\$1,195,033.99</b>	<b>\$15,300.00</b>	<b>\$15,300.00</b>

Galowitz Olson, PLLC  
10390 39th Street North  
Lake Elmo, Minnesota 55042  
Office: (651) 777-6960  
Fax: (651) 777-8937

Ramsey-Washington Metro Watershed District  
C/O Tina Carstens  
2665 Noel Drive  
Little Canada MN 55117

Page: 1  
June 23, 2021  
File No: 9M

	Balance
General Account	\$1,596.00
Twin Lakes Litigation	\$414.00
	<u>\$2,010.00</u>

# Permit Application Coversheet

Date July 07, 2021

Project Name KMSP Tower Guy Anchor

Project Number 21-19

Applicant Name Bill Greep, Fox 9 KMSP

Type of Development Utility Maintenance

## Property Description

This project is located on the west side of Grass Lake, south of Gramsie Road in the City of Shoreview. The total site area is 0.02 acre. The applicant is proposing to replace the eastern outer guy wire and anchor for the existing KMSP tower. The anchor is corroded and damaged due to exposure to water. In order to do this, the existing peninsula in Grass Lake is proposed to be expanded slightly to the east and raised, resulting in fill below the 100-year floodplain elevation. Compensatory storage is proposed via excavation north of the peninsula. This area was previously excavated in the 1980s for DNR compensatory storage requirements at that time. A Wetland Conservation Act (WCA) application was submitted and approved to delineate the wetland edge and request that the excavated area be considered incidental (#21-07 WCA). A DNR Public Waters permit was issued on 6/25/21. Due to a narrow construction window and concern over stability of the existing anchor, a temporary erosion control permit was issued by District staff on 6/28/21. Temporarily disturbed wetland buffer areas will be restored with a native mesic prairie seed mix. The applicant plans to work with the watershed district in 2022 on potential grant opportunities for enhanced shoreline and emergent vegetation.

## Watershed District Policies or Standards Involved:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> <i>Wetlands</i>   | <input checked="" type="checkbox"/> <i>Erosion and Sediment Control</i> |
| <input type="checkbox"/> <i>Stormwater Management</i> | <input checked="" type="checkbox"/> <i>Floodplain</i>                   |

## Water Quantity Considerations

The proposed grading plan is sufficient to achieve no net loss of floodplain storage.

## Water Quality Considerations

### *Short Term*

The proposed erosion and sediment control plan is sufficient to protect downstream water resources during construction.

### *Long Term*

There are no long term water quality considerations.

## Staff Recommendation

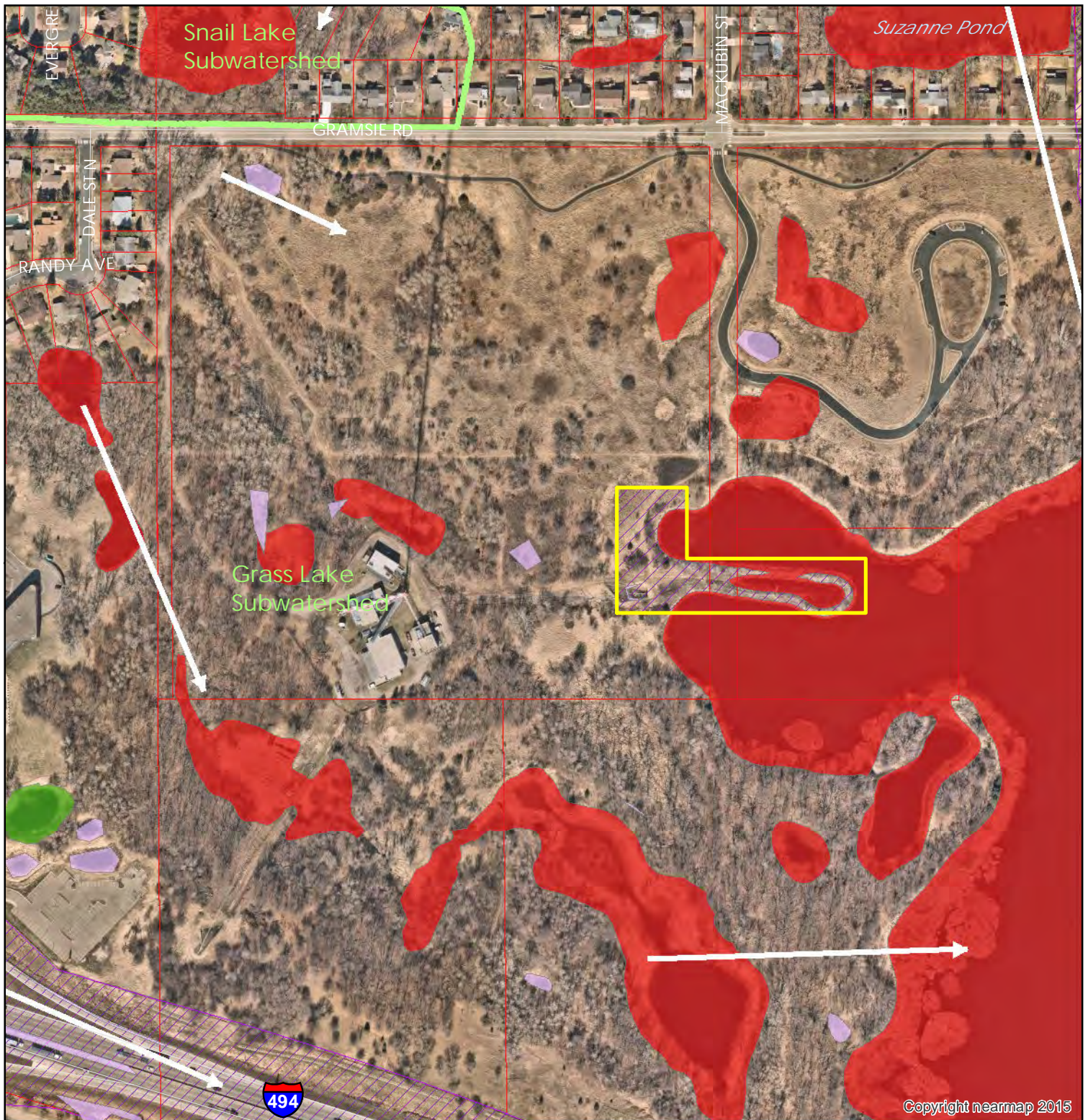
Staff recommends approval of this permit with the special provisions.

## Attachments:

- ☒ Project Location Map
- ☒ Project Grading Plan



# #21-19 KMSP Tower Guy Anchor

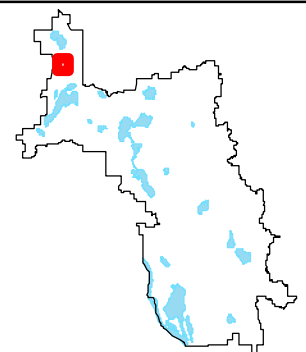
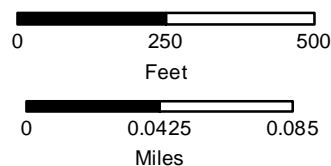


## Wetlands

- Manage A
- Manage B
- Manage C
- Lake
- Sediment Pond
- Not Assessed

- RWMWD Boundary
- Flow Arrows
- Major Flow Arrows
- Subwatersheds
- Creeks
- Permits
- Ramsey Co Parcels

Highlighted Areas  
Represent Active Permit

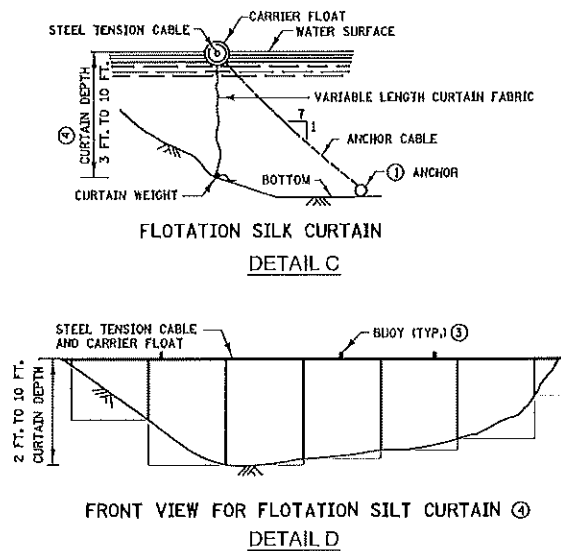
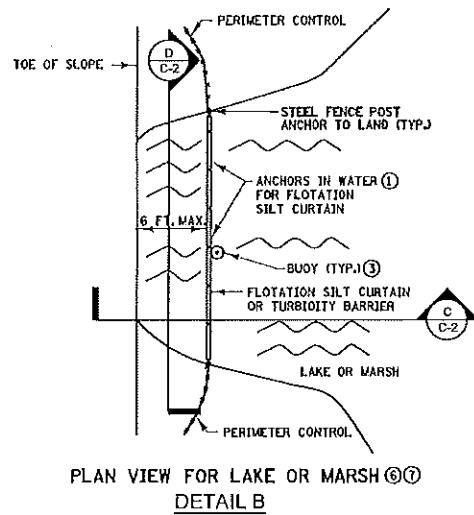
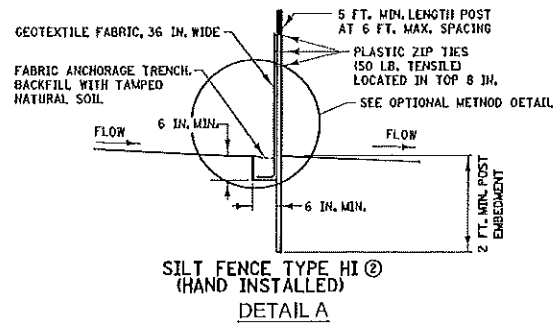




### Special Provisions

1. The applicant shall add symbology for seeded buffer restoration area (ex: hatching) and/or include a note on the plans about restoration with specified seed mix.
2. The applicant shall add notes to the plans:
  - A. Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to beginning construction activity in order to schedule an initial SWPPP inspection.
  - B. The specified erosion and sediment control practices are the minimum. Additional practices may be required during the course of construction.
3. The applicant shall submit the final, signed plans set.
4. The applicant shall provide contact information for the erosion control coordinator responsible for implementing the erosion control plan.

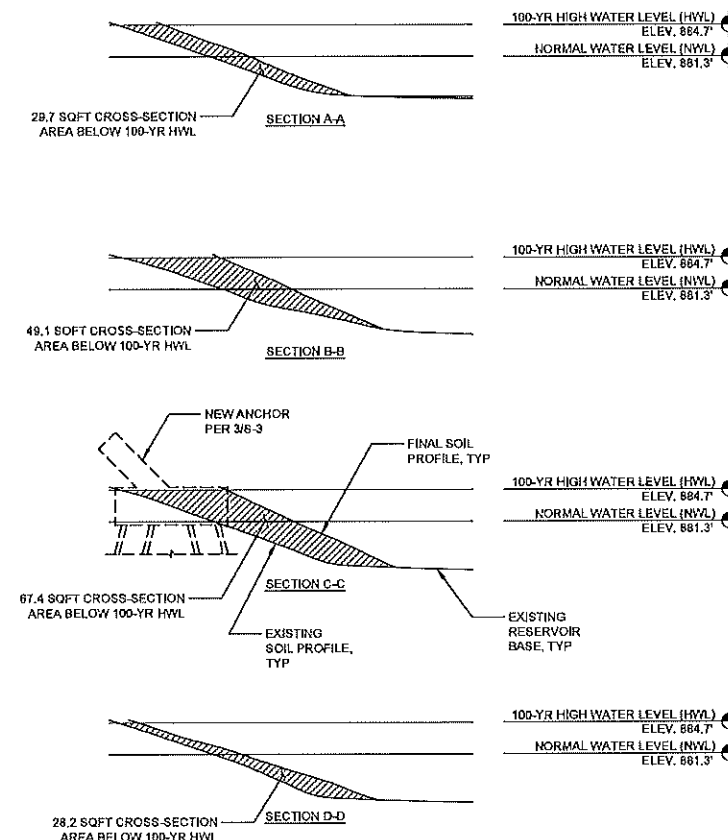
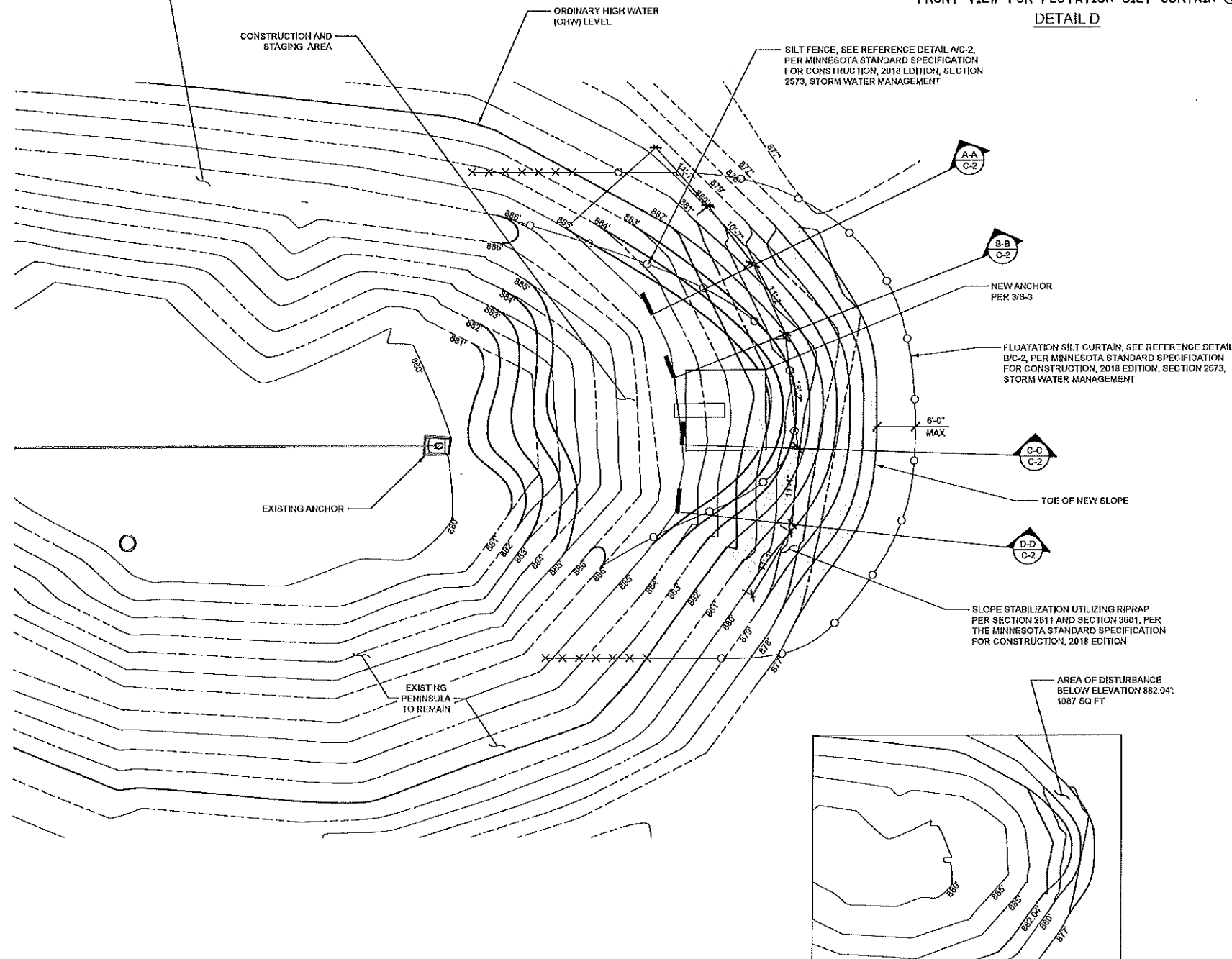
NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES



- NOTES:
- SEE SPECS. 2573, 3866, 3887 & 3893.
- ① FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE SPEC. 2573.
- ② IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT A BRIDGE, CULVERT, OR SLOPE, A TEMPORARY ROCK BERM CONSTRUCTED FROM THE RIPRAP CAN BE USED TO PROVIDE ADDITIONAL PROTECTION, WHEN THE WORK IS COMPLETE, THE RIPRAP CAN THEN BE MOVED TO THE PERMANENT LOCATION INDICATED IN THE PLANS, THE TEMPORARY ROCK BERM IS INCIDENTAL.
- ③ ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY, PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ④ WATER DEPTH CAN BE 0 TO 10 FEET, THE DEPTH OF THE SILT CURTAIN VARIES.
- ⑤ MINIMUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR TURBIDITY BARRIER FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR TURBIDITY BARRIER.
- ⑥ SILT CURTAIN SHOULD BE REMOVED WHEN THE AREA CONTRIBUTING DIRECT RUNOFF HAS BEEN TEMPORARILY OR PERMANENTLY STABILIZED, SILT CURTAIN SHOULD ALSO BE REMOVED BEFORE WINTER IF ICE UP OR ICE FLOW IS ANTICIPATED.
- ⑦ EMBED POST INTO BOTTOM A MINIMUM OF 40% OF THE WATER DEPTH (INCLUDING WAVE HEIGHT), BUT IN NO CASE SHALL EMBEDMENT BE LESS THAN 2 FEET.
- ⑧ ANCHOR FLOAT MUST BE CONNECTED SECURELY TO SLEEVE WITH A MINIMUM TENSILE STRENGTH OF 100 LBS. CONNECTION METHOD MUST ALLOW FOR SLEEVE TO MOVE FREELY ON POST.
- ⑨ PROVIDE SUFFICIENT NUMBER OF POST ANCHORS TO MAINTAIN SILT CURTAIN POSITION.

#### DETAIL NOTES

CLEAR AND GRUB AS NECESSARY FOR ACCESS FOR GUY ANCHOR CONSTRUCTION



SECTION	SECTION SPACING	CROSS-SECTION AREA	VOLUME
-	FT	FT^2	FT^3
0	0.0	0.0	0
MISC	11.6	3.0	17
A-A	10.6	29.7	173
B-B	11.2	49.1	441
C-C	16.2	67.4	944
D-D	11.1	28.2	531
MISC	11.1	0.0	157
TOTAL			2263
			83.8

VOLUME CALCULATION SUMMARY

**Technology Associates**

SEATTLE OFFICE LOCATION  
9725 3RD AVENUE NE, STE. 410  
SEATTLE, WA 98108  
www.taec.net

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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.

SIGNATURE: *K. Burke*  
NAME: KOLBY K. BURKE  
DATE: 5.27.21 LICENSE NUMBER: 58091

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

REV	DATE	DESCRIPTION	BY
A	05/27/2021	PERMIT SET	DET
REV	DATE	DESCRIPTION	BY

ENGINEER REVIEW	
INITIALS	DATE

R077

KMSP-TV  
TOWER

550 GRAMSIE ROAD  
SHOREVIEW, MN 55126

GUYED TOWER

SHEET TITLE

**PENINSULA  
GRADING PLAN**

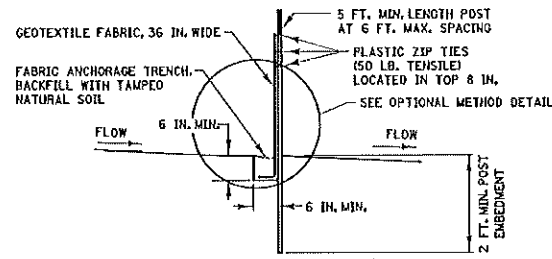
SHEET NUMBER

**C-2**

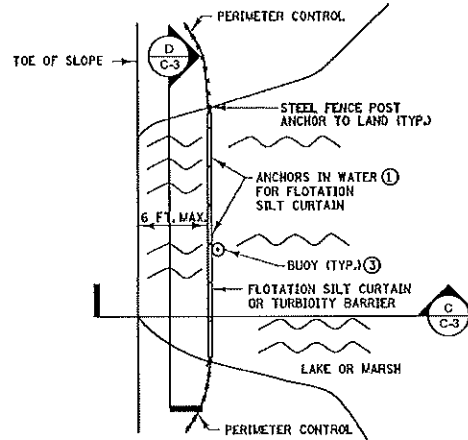
NOTES:

- 1) APPLY THE PROPOSED MINNESOTA DEPARTMENT OF TRANSPORTATION 35-241 MESIC PRAIRIE GENERAL MIX, APPLIED AT A RATE OF 38.5 POUNDS PER ACRE

SILT FENCE, SEE REFERENCE DETAIL A/C-3, PER MINNESOTA STANDARD SPECIFICATION FOR CONSTRUCTION, 2018 EDITION, SECTION 2573, STORM WATER MANAGEMENT



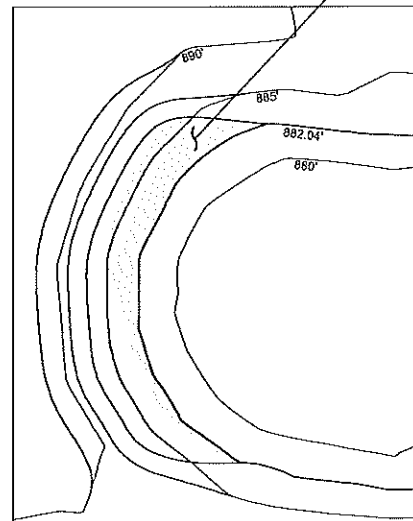
SILT FENCE TYPE HI (HAND INSTALLED)  
DETAIL A



PLAN VIEW FOR LAKE OR MARSH (C-3)  
DETAIL B

FLOTATION SILT CURTAIN, SEE REFERENCE DETAIL B/C-3, PER MINNESOTA STANDARD SPECIFICATION FOR CONSTRUCTION, 2018 EDITION, SECTION 2573, STORM WATER MANAGEMENT

MITIGATION AREA BELOW ELEVATION 882.04': 2183 SQ FT  
AREA OF DISTURBANCE PER C-2: 1087 SQ FT  
RATIO: 2.01

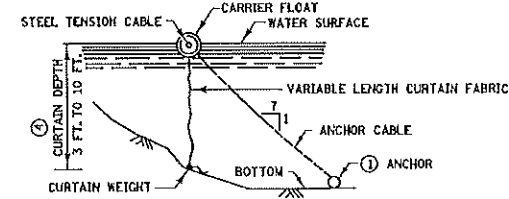


NOTES:

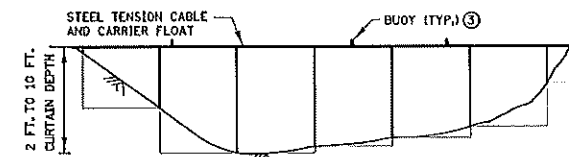
SEE SPECS. 2573, 3886, 3887 & 3893.

- 1) FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE SPEC. 2573.
- 2) IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT A BRIDGE, CULVERT, OR SLOPE, A TEMPORARY ROCK BERM CONSTRUCTED FROM THE RIPRAP CAN BE USED TO PROVIDE ADDITIONAL PROTECTION. WHEN THE WORK IS COMPLETE THE RIPRAP CAN THEN BE MOVED TO THE PERMANENT LOCATION INDICATED IN THE PLANS. THE TEMPORARY ROCK BERM IS INCIDENTAL.
- 3) ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- 4) WATER DEPTH CAN BE 0 TO 10 FEET. THE DEPTH OF THE SILT CURTAIN VARIES.
- 5) WINDUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR TURBIDITY BARRIER FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR TURBIDITY BARRIER.
- 6) SILT CURTAIN SHOULD BE REMOVED WHEN THE AREA CONTRIBUTING DIRECT RUNOFF HAS BEEN TEMPORARILY OR PERMANENTLY STABILIZED. SILT CURTAIN SHOULD ALSO BE REMOVED BEFORE WINTER IF ICE UP OR ICE FLOW IS ANTICIPATED.
- 7) EMBED POST INTO BOTTOM A MINIMUM OF 40% OF THE WATER DEPTH (INCLUDING WAVE HEIGHT), BUT IN NO CASE SHALL EMBEDMENT BE LESS THAN 2 FEET.
- 8) ANCHOR FLOAT MUST BE CONNECTED SECURELY TO SLEEVE WITH A MINIMUM TENSILE STRENGTH OF 100 LBS. CONNECTION METHOD MUST ALLOW FOR SLEEVE TO MOVE FREELY ON POST.
- 9) PROVIDE SUFFICIENT NUMBER OF POST ANCHORS TO MAINTAIN SILT CURTAIN POSITION.

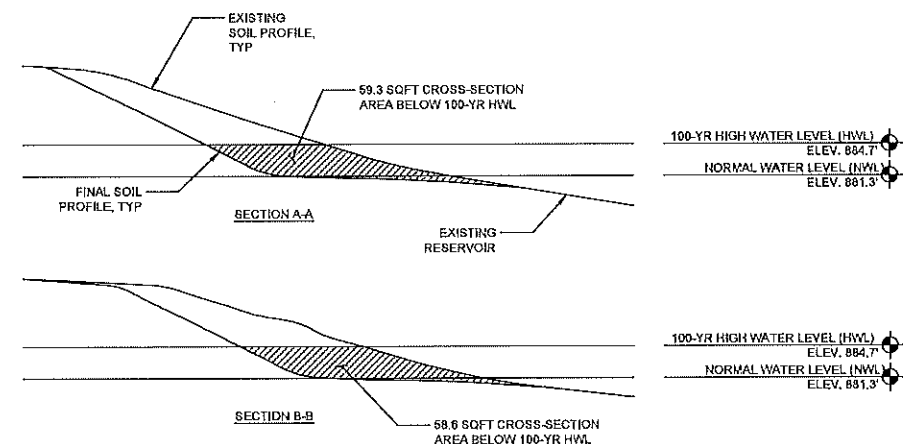
DETAIL NOTES



FLOTATION SILT CURTAIN  
DETAIL C



FRONT VIEW FOR FLOTATION SILT CURTAIN (C-3)  
DETAIL D



SECTION	SECTION SPACING	CROSS-SECTION AREA	VOLUME
	FT	FT <sup>2</sup>	FT <sup>3</sup>
0	0.0	0.0	0
A-A	34.5	59.3	2046
B-B	52.0	58.6	3047
END	28.8	58.6	1688
TOTAL		6781	6781
		251.1	251.1

TOTAL VOLUME OF FLOODPLAIN IMPACT	83.8	YD <sup>3</sup>
TOTAL COMPENSATORY STORAGE VOLUME	251.1	YD <sup>3</sup>
RATIO	3.00	YD <sup>3</sup>

VOLUME CALCULATION SUMMARY

Technology Associates

SEATTLE OFFICE LOCATION  
9725 3RD AVENUE NE, STE. 410  
SEATTLE, WA 98108  
www.taec.net

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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.

SIGNATURE: *K. Burke*  
NAME: KOLBY K. BURKE  
DATE: 5.27.21 LICENSE NUMBER: 58091

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

REV	DATE	DESCRIPTION	BY
A	05/27/2021	PERMIT SET	DET

ENGINEER REVIEW	
INITIALS	DATE

R077

KMSP-TV  
TOWER

550 GRAMSIE ROAD  
SHOREVIEW, MN 55126

GUYED TOWER

SHEET TITLE

MITIGATION  
GRADING PLAN

SHEET NUMBER

C-3

## Minnesota Wetland Conservation Act Notice of Decision

<b>Local Government Unit:</b> Ramsey-Washington Metro Watershed District (RWMWD) <b>County:</b> Ramsey	
<b>Applicant Name:</b> Bill Greep (Fox 9 KMSP) <b>Applicant Representative:</b> Tony Kaster (Stantec)	
<b>Project Name:</b> KMSP Antenna Anchor Incidental	<b>LGU Project No. (if any):</b> 21-07 WCA
<b>Date Complete Application Received by LGU:</b> 5/12/2021	
<b>Date of LGU Decision:</b> 6/10/2021	
<b>Date this Notice was Sent:</b> 6/15/2021	

**WCA Decision Type - check all that apply**

<input checked="" type="checkbox"/> <b>Wetland Boundary/Type</b> <input type="checkbox"/> <b>Sequencing</b> <input type="checkbox"/> <b>Replacement Plan</b> <input type="checkbox"/> <b>Bank Plan (not credit purchase)</b>	
<input type="checkbox"/> <b>No-Loss (8420.0415)</b> <input type="checkbox"/> <b>Exemption (8420.0420)</b>	
<b>Part:</b> <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> H	<b>Subpart:</b> <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9

**Replacement Plan Impacts (replacement plan decisions only)**

<b>Total WCA Wetland Impact Area:</b>
<b>Wetland Replacement Type:</b> <input type="checkbox"/> Project Specific Credits: <input type="checkbox"/> Bank Credits:
<b>Bank Account Number(s):</b>

**Technical Evaluation Panel Findings and Recommendations (attach if any)**

<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Approve w/Conditions <input type="checkbox"/> Deny <input type="checkbox"/> No TEP Recommendation
<b>Nicole Soderholm (RWMWD-LGU) and Ben Meyer (BWSR) joined Tony Kaster onsite on 5/25/21 to review the boundary and discuss the application. No changes were requested to the report.</b>

**LGU Decision**

<input type="checkbox"/> Approved with Conditions (specify below) <sup>1</sup> List Conditions:	<input checked="" type="checkbox"/> Approved <sup>1</sup>	<input type="checkbox"/> Denied
<b>Decision-Maker for this Application:</b> <input checked="" type="checkbox"/> Staff <input type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other:		
<b>Decision is valid for:</b> <input checked="" type="checkbox"/> 5 years (default) <input type="checkbox"/> Other (specify):		

<sup>1</sup> *Wetland Replacement Plan approval is not valid until BWSR confirms the withdrawal of any required wetland bank credits. For project-specific replacement a financial assurance per MN Rule 8420.0522, Subp. 9 and evidence that all required forms have been recorded on the title of the property on which the replacement wetland is located must be provided to the LGU for the approval to be valid.*

**LGU Findings – Attach document(s) and/or insert narrative providing the basis for the LGU decision<sup>1</sup>.**

<input checked="" type="checkbox"/> Attachment(s) (specify): <b>1988 DNR Permit File: Site Plan</b> <input checked="" type="checkbox"/> Summary: <b>A review of historical photos and past DNR permit information confirm the two lobes of Grass Lake on either side of the peninsula were expanded and excavated in historical upland to account for previous compensatory storage requirements. The excavated area is considered incidental.</b>
---

<sup>1</sup> Findings must consider any TEP recommendations.



### Attached Project Documents

☒ Site Location Map   ☐ Project Plan(s)/Descriptions/Reports (specify): Click here to enter text.

### Appeals of LGU Decisions

If you wish to appeal this decision, you must provide a written request within 30 calendar days of the date you received the notice. All appeals must be submitted to the Board of Water and Soil Resources Executive Director along with a check payable to BWSR for \$500 *unless* the LGU has adopted a local appeal process as identified below. The check must be sent by mail and the written request to appeal can be submitted by mail or e-mail. The appeal should include a copy of this notice, name and contact information of appellant(s) and their representatives (if applicable), a statement clarifying the intent to appeal and supporting information as to why the decision is in error. Send to:

Appeals & Regulatory Compliance Coordinator  
Minnesota Board of Water & Soils Resources  
520 Lafayette Road North  
St. Paul, MN 55155  
[travis.germundson@state.mn.us](mailto:travis.germundson@state.mn.us)

Does the LGU have a local appeal process applicable to this decision?

☐ Yes<sup>1</sup>   ☒ No

<sup>1</sup>If yes, all appeals must first be considered via the local appeals process.

**Local Appeals Submittal Requirements** (LGU must describe how to appeal, submittal requirements, fees, etc. as applicable)

--------------

### Notice Distribution (include name)

*Required on all notices:*

<input checked="" type="checkbox"/> SWCD TEP Member: <b>Michael Schumann (Ramsey County)</b>	<input checked="" type="checkbox"/> BWSR TEP Member: <b>Ben Meyer</b>
<input type="checkbox"/> LGU TEP Member (if different than LGU contact):	
<input checked="" type="checkbox"/> DNR Representative: <b>Leslie Parris, Dan Scollan</b>	
<input type="checkbox"/> Watershed District or Watershed Mgmt. Org.:	
<input checked="" type="checkbox"/> Applicant (notice only):	<input type="checkbox"/> Agent/Consultant (notice only):

*Optional or As Applicable:*

<input checked="" type="checkbox"/> Corps of Engineers:	
<input type="checkbox"/> BWSR Wetland Mitigation Coordinator (required for bank plan applications only):	
<input type="checkbox"/> Members of the Public (notice only):	<input type="checkbox"/> Other:

Signature:



Date:

6/15/2021

This notice and accompanying application materials may be sent electronically or by mail. The LGU may opt to send a summary of the application to members of the public upon request per 8420.0255, Subp. 3.



(651) 792-7950  
rwmwd.org

2665 Noel Drive  
Little Canada, MN 55117

July 7, 2021

**To:** RWMWD Board of Managers

**From:** Paige Ahlborg, Watershed Project Manager

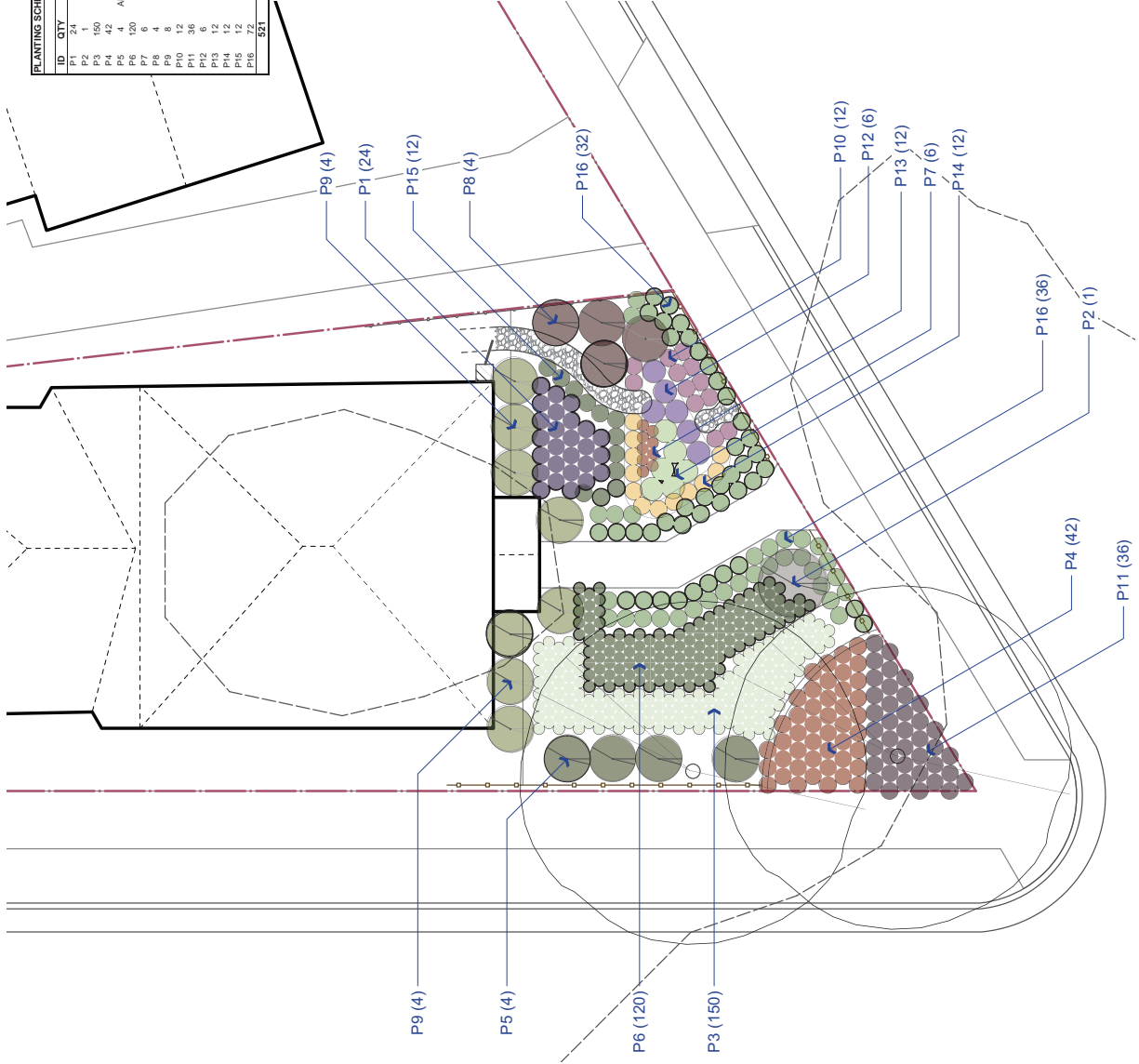
**Re:** Budget Adjustment - Union Cemetery 20-35 CS

The Union Cemetery in Maplewood applied for a Stewardship Grant and was approved on 8/5/2020 for \$50,000 for the installation of two rain gardens. This project is within a priority area therefore the project is eligible for 100% funding up to \$100,000. During the project installation, a change to one of the structures was made at staff discretion to ensure the project would be successful.

The project is now complete and the applicant is requesting an additional \$2,542.80 to cover the additional costs accrued due to the changes made in the field at the time of construction. The total grant award of \$52,542.80 is still within the eligible amount of \$100,000 for this project type.



PLANTING SCHEDULE				
ID	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE
P1	24	AGASTACHE FOENICULUM	ANISE HYSSOP	2" PLUG
P2	1	AMELANCHIER ALNIFOLIA 'REGENT'	REGENT SERVICEBERRY	#6 CONT.
P3	150	ANEMONE CANADENSIS	CANADA ANEMONE	2" PLUG
P4	42	ARCTIC FIRE DOGWOOD	ARCTIC FIRE DOGWOOD	2" PLUG
P5	4	ARONIA MELANOCARPA AUTUMN MAGIC	BLACK CHOKEBERRY	#6 CONT.
P6	120	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE	2" PLUG
P7	6	CAREX VULPINOIDEA	FOX SEDGE	3.5" POT
P8	4	CORNUS SERICEA 'FARROW'	DOGWOOD	#2 CONT.
P9	4	ECHINACEA PURPUREA 'RUBY STAR'	PURPLE CONEFLOWER	3.5" POT
P10	12	GERANIUM MACULATUM	WILD GERANIUM	#2 CONT.
P11	36	LOBELIA CARDINALIS	BLUE FLAG IRIS	2" PLUG
P12	6	RUDBECKIA HYPOCOTYLE	BLACK WATERSHED	3.5" POT
P13	12	SCHIZACHYRIUM SCOPARIUM	PRAIRIE DROPSEED	3.5" POT
P14	12	SPOROBOLUS HETEROLEPS	PRAIRIE DROPSEED	3.5" POT
P15	12	SPOROBOLUS HETEROLEPS	PRAIRIE DROPSEED	3.5" POT
P16	72	SPOROBOLUS HETEROLEPS	PRAIRIE DROPSEED	3.5" POT
TOTAL				521



## Stewardship Grant Application Summary

**Project Name:** Castellanos

**Application Number:** 21-21 CS

**Board Meeting Date:** 7/7/2021

**Applicant Name:** Will Castellanos

**Residential** ☒

**Commercial/Government** ☐

### Project Overview:

This project is located off Ruth St N and Manitou Ave in the City of St. Paul. The property lies at the bottom of a slope and receives runoff from several neighboring properties. The applicant is proposing to install a rain garden and native planting area to help filter the runoff and alleviate drainage issues they have on their property. They are also interested in reducing the need to mow and increase pollinator habitat in the neighborhood.

The rain garden work is eligible to receive 75% coverage and the native planting area is eligible to receive 50% coverage up to \$15,000.

### BMP type(s):

Native Habitat Restoration(1), Rain Garden(1)

### Grant Request:

\$9,200.00

### Recommendation:

Staff recommends approval of this application.

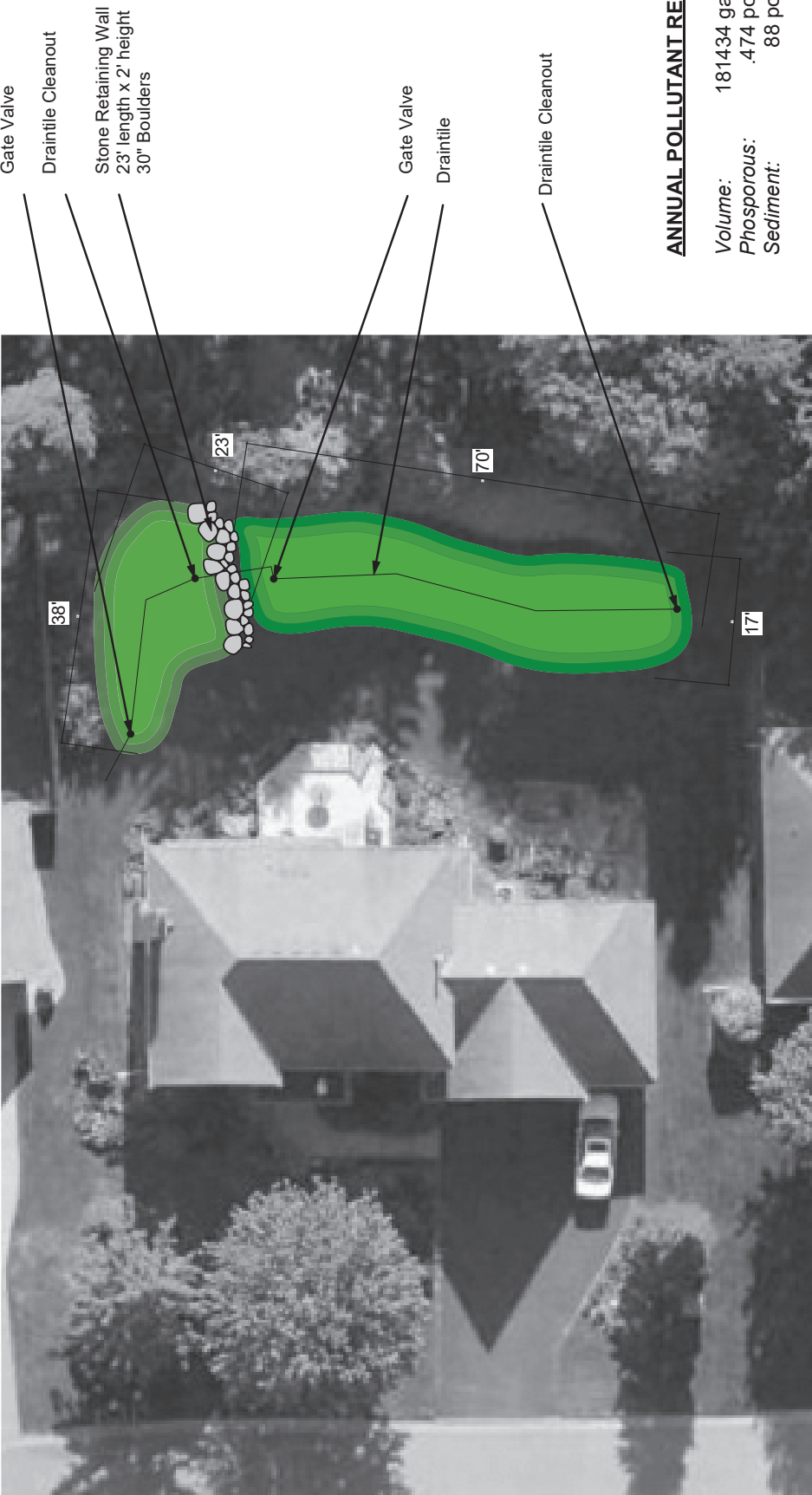
### Subwatershed:

St. Paul Beltline

### Location Maps:







**ANNUAL POLLUTANT REDUCTION**

Volume: 181434 gallons  
 Phosphorous: .474 pounds  
 Sediment: 88 pounds

93%  
 97%  
 100%

1 Raingarden  
 Scale: 1/16" = 1'-0"

plan created by: 	Washington Conservation District 455 Hayward Ave N Oakdale, MN 55128 (651) 330-8220 <a href="http://www.mnwcdd.org">www.mnwcdd.org</a>		2665 Noel Drive - Little Canada, MN 55117 (651) 792-7950 <a href="http://www.rnwcd.org">www.rnwcd.org</a>		Project Address Stephanie Wang 1702 Stonefield Woodbury, MN 55125	Project Title Wang Raingarden	CAD File Name RWCD-Wang_Raingarden.dwg	Scale 1/16" = 1'-0"
	Project Designer Andrew Novak Washington Conservation District		Sheet Title Raingarden Layout		Revision 3	Drawn By 7	Reviewed By 3	Date 4/13/21
					Sheet No. 3	of 7		

## Stewardship Grant Application Summary

**Project Name:** Wang

**Application Number:** 21-22 CS

**Board Meeting Date:** 7/7/2021

**Applicant Name:** Stephanie Wang

**Residential** ☒

**Commercial/Government** ☐

### Project Overview:

This project is located off Tamberwood Trail and Somerset Road in the City of Woodbury. The applicant experiences high volumes of runoff in the backyard during heavy rain events. They are proposing to install a rain garden to help capture and infiltrate runoff before it enters Battle Creek Lake. They are also interested in reducing the amount of turf grass that needs to be cared for on the property.

This project is eligible for 75% coverage up to \$15,000.

### BMP type(s):

Rain Garden(1)

### Grant Request:

\$13,050.00

### Recommendation:

Staff recommends approval of this application.

### Subwatershed:

Battle Creek Lake

### Location Maps:



## Stewardship Grant Application Summary

**Project Name:** 2021 Lake Phalen Aquatic Vegetation Harvesting **Application Number:** 21-23 CS

**Board Meeting Date:** 7/7/2021

**Applicant Name:** Michael Hahm

**Residential** ☐

**Commercial/Government** ☒

### Project Overview:

As part of the 2018 Stewardship Grant Program, RWMWD offered 50% cost share funding up to \$15,000 for materials and labor associated with harvesting aquatic plants. The City of St. Paul will be contracting mechanical lake weed harvesting services for Eurasian watermilfoil on Lake Phalen. Harvesting will be performed to remove organically-bound phosphorous within the plants and will also enhance recreational access at the boat launch, swimming beach, and fishing access points. Harvesting will occur in July and will take one week to complete. The applicant has received an Invasive Aquatic Plant Management Permit from the MnDNR.

### BMP type(s):

Aquatic Vegetation Harvesting(1)

### Grant Request:

\$9,000.00

### Recommendation:

Staff recommends approval of this application.

### Subwatershed:

Lake Phalen

### Location Maps:



# Consent Agenda Action Item

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**Board Meeting Date:** June 2, 2021

**Agenda Item No:** 3E

**Preparer:** Tina Carstens, Administrator

---

**Item Description:** Change Order No. 3 for the 2021 CIP Maintenance & Repair Project

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**Background:**

Attached is change order number 3 for the 2021 CIP Maintenance and Repair Project. This change order includes additional work requested by district staff to restore an area in the Grass Lake area and an extension in contract time in order to complete the clean out of the channel adjacent to Owasso Basin. Additional information is included in the attached information.

---

**Applicable District Goal and Action Item:**

**Goal: Manage risk of flooding:** The District will reduce the public's risk to life and property from flooding through programs and projects that protect public safety and economic well-being.

**Action Items:** Maintain District flood storage facilities and storm sewer systems.

---

**Staff Recommendation:**

Approve Change Order No. 3.

---

**Financial Implications:**

This request increases the contract price by \$5,600. This increase is available in the project contingency funds.

---

**Board Action Requested:**

Approve Change Order No. 3.

**Change Order No. 3  
Ramsey-Washington Metro Watershed District  
2021 Capital Improvement Project (CIP)**

**DATE OF ISSUANCE:** June 29, 2021

**Owner:** Ramsey-Washington Metro Watershed District  
2665 Noel Drive  
Little Canada, MN 55117  
Attn: Lawrence Swope

**Contractor:** Fitzgerald Excavating & Trucking, Inc.  
21432 350<sup>th</sup> Street  
Goodhue, MN 55027  
Attn: Jason Fitzgerald

**Engineer:** Barr Engineering Company  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Attn: Brad Lindaman

**C.O.3.A      Grass Lake Emergency Overflow Repair**

Description of Change:

While the contractor was mobilized at Site #14 (Grass Lake Overflow, Shoreview), the Owner requested a quote for work to remove riprap and install permanent turf reinforcement mat (TRM) as originally installed as part of the Grass Lake Berm Raise project. Previously, during high water conditions an emergency repair using riprap was made to stabilize the erosion washout occurring between the park trail and the constructed wetland downstream of the trail. To restore the area to its original project design, the contractor was asked to remove and dispose of the riprap material offsite, install the TRM per manufacturer's recommendations and recreate the overflow to proper grade and re-establish the appropriate vegetation as directed with seed and erosion control blanket.

The contractor performed the work in good faith as directed by the owner's representative while the equipment was mobilized onsite to minimize cost. The attached document provides the contractor's quote for the work including restoration of the trail which was not required as anticipated.

Measurement and Payment:

This work was performed on an adjusted lump sum unit cost basis (L.S.) since the trail restoration was not required. The unit price was based on the attached quote provided on May 19, 2021 by the contractor.

Change in Contract Time:

None

Impact on Contract Price:

The dollar amount to complete the work as described is \$5,600 and as shown on the attached document.

**C.O.3.B Contract Completion Extension**

Description of Change:

The contractor is requesting an extension to the Contract Time to complete the work that remains at Site #10 - Owasso Basin, Little Canada. The contractor is requesting more time to explore other means and methods to complete the work. The portion of the channel yet to be cleaned is located west of North Star Estates and north of South Owasso Boulevard. Previous attempts last winter were unsuccessful. A letter requesting an extension is attached.

Measurement and Payment:

None

Change in Contract Time:

The contractor is requesting that the final completion date be changed from July 3, 2021 to December 30, 2021.

Impact on Contract Price:

None

This Change Order No. 3 is:

Submitted By:  
(ENGINEER)



Bradley J. Lindaman, Project Engineer  
Barr Engineering Company

Date: June 29, 2021

Authorized By:  
(OWNER)

Lawrence Swope, President  
Ramsey-Washington Metro Watershed District

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

Approved By:  
(CONTRACTOR)



Jason Fitzgerald, President  
Fitzgerald Excavating & Trucking, Inc.

Date: 6/29/2021

**Fitzgerald Excavating & Trucking Inc.**

**21432 350<sup>th</sup> Street**

**Goodhue, MN 55027**

**651-923-4060 Office 651-923-4080 Fax**

**5-19-2021**

**Ramsey Washington Change Order**

**Remove 18" of Rip Rap**

**Add soil & TRM Mat**

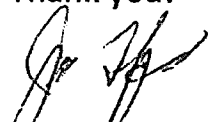
<b>Seed and Blanket</b>	<b>\$5600</b>
-------------------------	---------------

<b>Trail Restoration</b>	<b>\$3000</b>
--------------------------	---------------

<b>Total Change Order</b>	<b>\$8600</b>
---------------------------	---------------

**Access down bike trail, need to use 145 Link-Belt. Should be able to salvage all Rip Rap to reuse ourselves. We will need screened dirt to fill TRM Mat.**

**Thank you!**

  
**Jason Fitzgerald**

**Fitzgerald Excavating & Trucking Inc.**

**21432 350<sup>th</sup> Street**

**Goodhue, MN 55027**

**651-923-4060 Office 651-923-4080 Fax**

**June 22,2021**

**Ramsey Washington Metro Watershed District**

**Attn: David Vlasin**

**We are requesting an extension on our completion date to finish dredging the Owasso Basin. We have encountered some unforeseen circumstances in one segment of the creek, due to the logistics of the channel and wetness of it. We are asking for a revised completion date of December 30<sup>th</sup>, 2021.**

**Thank you for your consideration**

A handwritten signature in black ink, appearing to read 'J Fitzgerald', with a stylized flourish at the end.

**Jason Fitzgerald**



# Consent Agenda Action Item

---

**Board Meeting Date:** July 7, 2021

**Agenda Item No:** 3F

**Preparer:** Tina Carstens, Administrator

---

---

**Item Description:** Change Order No. 3 for the East St. Paul Target Store Retrofit

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---

## **Background:**

Attached is change order number 3 for the East St. Paul Target Store Stormwater Retrofit project. The change order includes additional work requested of the contractor after observing the rain garden performance during rain events this spring. The additional work increased the contract price by \$3,770. Please see attached for more information on this change order.

---

## **Applicable District Goal and Action Item:**

**Goal: Achieve quality surface water** – The District will maintain or improve surface water quality to support healthy ecosystems and provide the public with a wide range of water-based benefits.

**Action Item:** Implement retrofit water quality improvement projects.

---

## **Staff Recommendation:**

Approve Change Order No. 3.

---

## **Financial Implications:**

This change order increases the contract price by \$3,770.00. The project budget includes contingency that will cover this change order amount.

---

## **Board Action Requested:**

Approve Change Order No. 3.

**Change Order No. 3**  
**Ramsey-Washington Metro Watershed District**  
**East St. Paul Target Retail Store Stormwater Retrofits**

**DATE OF ISSUANCE:** June 1, 2021

**Owner:** Ramsey-Washington Metro Watershed District  
2665 Noel Drive  
Little Canada, MN 55117  
Attn: Lawrence Swope

**Contractor:** Sunram Construction, Inc.  
20010 75th Avenue North  
Corcoran, MN 55340  
Attn: Ryan Sunram

**Engineer:** Barr Engineering Company  
4300 MarketPointe Drive, Suite 200  
Minneapolis, MN 55435  
Attn: Brad Lindaman, Katie Turpin-Nagel

### **C.O.3.A      Rain Garden 1 and 2 Large Splash Block Assembly Modification**

Description of Change:

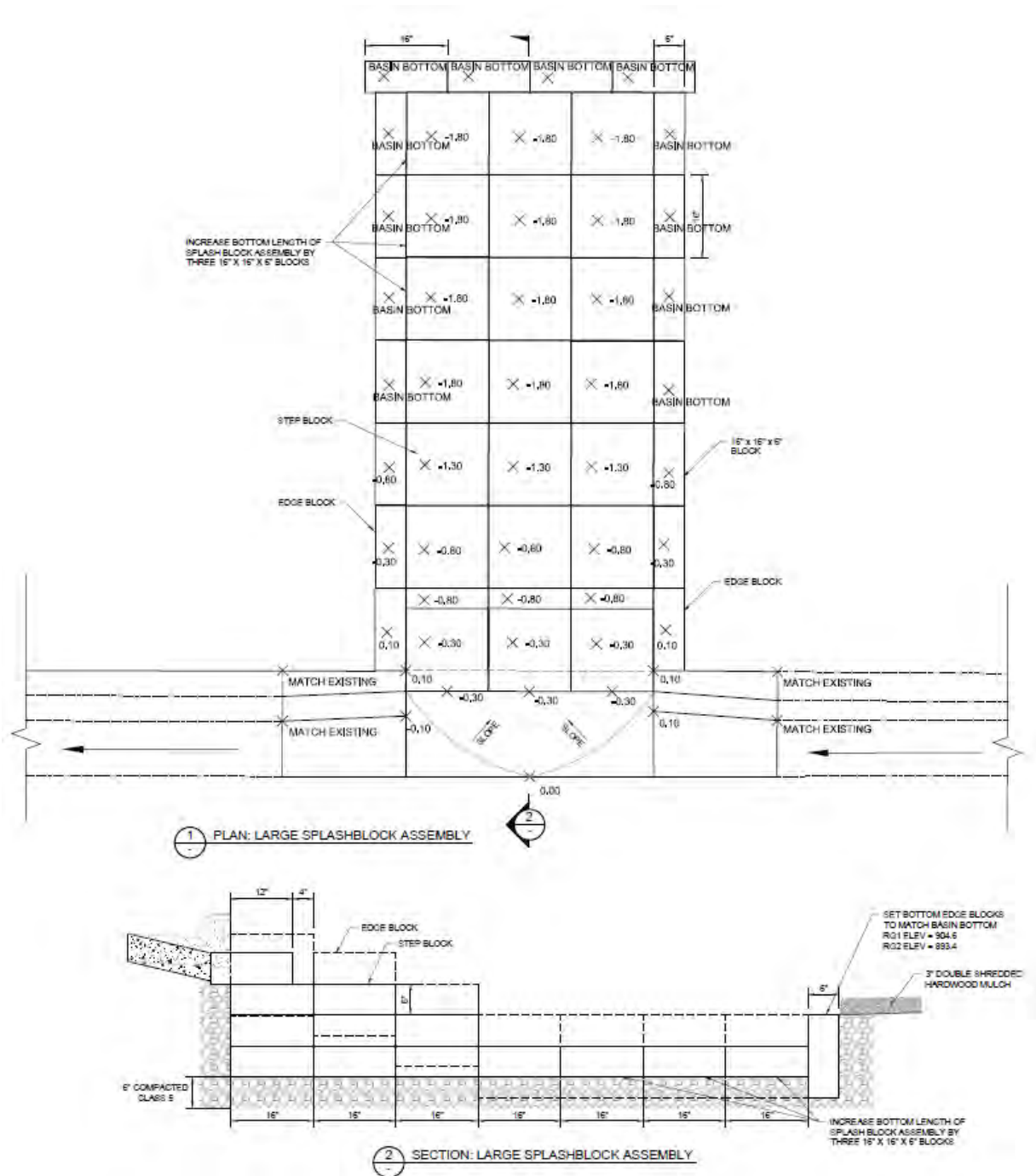
After observing erosion in rain gardens 1 and 2 following storm events in late spring 2021, Barr recommended the elongation of the splash block assemblies in rain gardens 1 and 2. This required the Contractor to perform additional work, which has since been completed. This work included:

- Hand excavate basin bottoms for additional class 5 and splash block install. No large construction equipment shall be allowed in the basin bottoms to ensure infiltration capacity remains sufficient.
- Haul excavated material offsite
- Furnish and install 6"-depth of Class 5 aggregate base under new blocks
- Furnish and install 15 additional 16" x 16" x 6" splash blocks in each of the two basins (30 total)
- Adjust 4 edge splash blocks in each basin to extend bottom length.
- See figure on next page.

**Bid Form and Base Bid:**

Add the following to Section 00 41 00 ARTICLE 4.01.A. BID ITEMS:

Bid Item	Description	Unit	Estimated Quantity	Unit Price	Estimated Cost
C.O.4.A	Large Splash Block Assembly Modification	EA	2	1,885.00	\$3,770.00



### C.O.3.B Contract Completion Extensions

#### Description of Change:

Due to drainage and erosion concerns found during the punchlist walk-through; the work could not be completed within the contract time. The Owner is extending the final project completion date in the contract from June 1, 2021 to July 16, 2021. All plantings shall be warranted for one (1) calendar year after installation.

### Change in Contract Time:

Final Project Completion Date is revised to be July 16, 2021.

### Total Impact on Contract Price:

These changes are anticipated to *increase* the contract price by **\$3,770.00**.

This Change Order No. 3 is:

Submitted By:	_____	Date: <u>July 1, 2021</u>
(ENGINEER)	Leslie DellAngelo, Project Engineer Barr Engineering Company	

Authorized By:	_____	Date: _____
(OWNER)	Lawrence Swope, President Ramsey-Washington Metro Watershed District	

Approved By:	_____	Date: _____
(CONTRACTOR)	Ryan Sunram, Project Manager Sunram Construction, Inc.	

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# Permit Program

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# RAMSEY-WASHINGTON

## METRO WATERSHED DISTRICT

### MEMORANDUM

**Date:** July 7, 2021

**To:** Board of Managers and Staff

**From:** Nicole Soderholm, Permit Coordinator  
Mary Fitzgerald, District Inspector

**Subject:** June Enforcement Action Report

During June 2021:

<b>Number of Violations:</b>	<b>13</b>
Install/Maintain Inlet Protection	2
Install/Maintain Perimeter Control	3
Install/Maintain Construction Entrance	2
Sweep Streets	1
Stabilize Exposed Soils	4
Contain Liquid/Solid Waste	1

#### Activities:

Permitting assistance to private developers and public entities, miscellaneous inquiries, ongoing ESC site inspections and reporting, WCA administration and procedures, new permit review with Barr Engineering, initial erosion control walk-throughs with contractors, BMP install site visits, MS4 General Permit application submittal and revisions, preconstruction meeting, annual IDDE training

#### Project Updates:

#20-23 White Bear Lake High School South Gym

Work continues at the White Bear Lake High School gym addition. Staff inspected the site on June 2<sup>nd</sup> and found the site to be compliant, but a few maintenance items were needed including cleaning of inlet protection devices, sweeping paved surfaces, repairing back-of-curb perimeter control, and cleaning up all improperly disposed concrete waste. Staff revisited the site on June 16<sup>th</sup> and noted improvements, but many maintenance items from

the previous report were needed again from all the activity occurring onsite. Staff also observed the infiltration basin was graded with media mix installed. Staff spoke with contractors onsite to ensure this basin would be properly protected from construction traffic and prepared to withstand rain events in its temporary state.

#### #21-14 Kwik Trip North St. Paul

Kwik Trip in North St. Paul, part of the Anchor Blocks Common Development, has begun work in the month of June. Staff walked the site with contractors on June 15<sup>th</sup> to ensure all necessary erosion and sediment control items were installed correctly, and to discuss the District's typical inspection process. There are several temporary ponds throughout the common development, 3 of which Kwik Trip has tied into. These pipes will stay offline through the duration of the project and will be put online once all sites are at final restoration. The temporary ponds will then be converted to permanent filtration basins.

#### #20-01 Carver Elementary School Addition (Maplewood)

Site work is ramping up at Carver Elementary with the old building being demolished, old parking lots being removed, and new improvements throughout the project. Staff requested a site walk-through with contractors to ensure all necessary erosion and sediment control items were up to date in this multi-year project. Staff revisited the site on June 22<sup>nd</sup> and found it to be compliant, but maintenance was needed including: inlet protection replacement, soil stabilization, and installing perimeter control across all construction entrances at the end of each day, or prior to any rain events. Staff will continue to inspect the site regularly.

#### #20-39 Midland Terrace Phase I (Shoreview)

Demolition of the old building is complete, and the new residential building is being constructed. Site contractors have been doing an excellent job of keeping the site maintained and diligently protecting the adjacent wetland. Staff inspected the site on June 16<sup>th</sup> and did not discover any maintenance items needed at that time. The site has received all necessary approvals and permits to dewater into storm sewer, granted that they follow all necessary sediment control requirements. Staff will continue to inspect the site regularly and have the site staff submit proof of water clarity during dewatering operations.

### **Single Lot Residential Permits Approved by Staff:**

21-17 2501 Arcade Street (Little Canada)

### **Permits Closed:**

19-34 3M Building 301 H Annex (Maplewood)

21-13 2596 Edgerton Street (Little Canada)

21-17 2501 Arcade Street (Little Canada)

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# Stewardship Grant Program

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## Stewardship Grant Program Budget Status Update

**July 7, 2021**

<b>Homeowner</b>	<b>Coverage</b>	<b>Number of Projects: 15</b>	<b>Funds Allocated</b>
Habitat Restoration and rain garden w/o hard surface drainage	50% Cost Share \$15,000 Max	11	\$22,198.90
Rain garden w/hard surface drainage, pervious pavement, green roof	75% Cost Share \$15,000 Max	4	\$30,585*
Master Water Steward Project	100% Cost Share \$15,000 Max	0	\$0
Shoreland Restoration	100% Cost Share \$15,000 Max	0	\$0

<b>Commercial, School, Government, Church, Associations, etc.</b>	<b>Coverage</b>	<b>Number of Projects: 8</b>	<b>Funds Allocated</b>
Habitat Restoration	50% Cost Share \$15,000 Max	3	\$26,519
Shoreland Restoration (below 100-year flood elevation w/actively eroding banks)	100% Cost Share \$100,000 Max	1	\$110,000
Priority Area Projects	100% Cost Share \$100,000 Max	0	\$0
Non-Priority Area Projects	75% Cost Share \$50,000 Max	0	\$0
Public Art/Project Research	50% Cost Share	2	\$19,000
Aquatic Veg Harvest/LVMP Development	50% Cost Share \$15,000 Max	2	\$17,460*

Maintenance	50% Cost Share \$5,000 Max for 5 Years	50	\$41,750
Consultant Fees			\$29,523
<b>Total Allocated</b>			<b>\$36,550</b>

<b>2021 Stewardship Grant Program Budget</b>	
Budget	\$1,000,000
Total Funds Allocated	\$368,535.90
<b>Total Available Funds</b>	<b>\$631,464.10</b>

*\*This includes applications pending approval at the July 7, 2021 board meeting.*

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# Action Items

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## MEMORANDUM

**TO:** Board of Managers and Staff  
**FROM:** Tina Carstens, Administrator  
**SUBJECT:** 2022 Budget Discussions  
**DATE:** June 30, 2021

It is that time of year again where we start to discuss the budget for the following year. I have reviewed the current year's budget and spending and asked staff and Barr Engineering to give me input on the anticipated work plan and budget issues for 2022. I will take the input from the board at our July meeting along with the staff input to develop the preliminary budget table and narrative that will come back to you at the August board meeting.

The information in this memo is to highlight the larger budget items and those that may be different than we have done in the past. Items not covered here are anticipated to remain at or near current budget levels.

At the July board meeting, I will review this memo and respond to any questions from the board. At the August meeting, I will present and review a draft budget table with a line-by-line description of the items. In September, I will present a revised budget based on our August discussions, and we will hold a public hearing on the preliminary budget. The preliminary budget and proposed levy with the reflected changes from our September meeting discussion will be sent to the county auditor by September 30, as required. This budget and levy can be modified anytime until our December meeting when we will need to approve our final budget and levy for 2022.

### **1. 2021 Work Program Analysis**

My look at the current year budget and work plan shows that projects and programs are proceeding as planned, and we should be completing most items by the end of the year.

### **2. Overall Budget Reserve Level**

As was indicated in our 2020 audit summary, the district has kept the reserve at an acceptable level. The district currently has over 100% of its planned year general fund expenditure budget in reserve. As usual, I consider that as I am preparing the budget and

levy for the following year. The board may wish to use some of the budget reserves for 2022 activities or continue to keep that amount available in reserves. We also have a healthy contingency fund for our capital improvement funds that will increase when we close out the Wakefield Park Project this year.

### **3. Staffing and Program Support**

***Salaries and Benefits*** - The draft budget will include salaries for existing staff and interns. Current salaries will be used in the budget with a calculated 3-5% overall increase and an estimated increase due to health insurance premium increases. I hope to have some projection information on insurance increases by the September meeting. I am not asking for any added full-time staffing in 2022. That being said, I can see there being more contracted work with consultants for some of our education, communications, and outreach efforts to support the work that Lauren has been coordinating. This may require an increase in our communications budget for 2022.

***Outside Program Support*** - There are several external programs that we have supported in the past to help supplement the work we are doing without having to add to our staff or overreach our existing staff. In the past, we have provided financial support to Watershed Partners, Blue Thumb, East Metro Education Collaboration, Cooperative Weed Management Program, and Ramsey County GIS Users Group. The entities that I have listed are all valuable programs that we get tangible benefits from. I will propose in the draft budget that we continue to support those programs as we have in the past.

### **4. Building Maintenance and Office Equipment**

Every year as the building gets older, we evaluate the potential needs and related budget required. For 2021, we budgeted a larger amount to make some office changes that allowed for full-time office space and collaboration spaces and also replace the carpet in the building. We are evaluating the building maintenance and equipment needs that may arise for 2022 and will highlight that in the budget table next month.

### **5. Natural Resources Program**

The natural resources program will be finishing up the multi-year emphasis on restoration in the Vadnais-Snail Lake Regional Park. It will next be working with the county on restoration on Lake Owasso county property. In conjunction, Paige will be talking with Lake Owasso homeowners on shoreline restoration work adjacent to this project. We will continue to work in the Phalen and Owasso Chain of Lakes on carp management as we maintain a healthy fish population in those lakes. And as usual, the maintenance of our hundreds of acres of past restoration sites continues.

## **6. BMP Stewardship Grant Program**

We continue to be successful in our BMP grant program, especially in the residential category. This has been another busy year, with many homeowners looking to spend time in their yards and focused on rain gardens and native plantings. Our shoreline restoration projects on Snail and Twin Lakes have also been popular, and for 2022 the focus will shift to Lake Owasso, where we will offer a similar program of combining the interested homeowners in one project. For 2022, we will be looking to call out the public art line item with a particular amount allocated for the year.

## **7. Education, Communications, and GIS Programs**

The education program will continue in 2022 to work in our schools and alongside our natural resources staff with restoration projects. There is also coordination happening with our schools and churches as they relate to our retrofit projects. The Adopt-a-Drain program continues to be of interest to our cities, and we are working to support that interest and supporting the Minnesota Water Stewards as well. The communication program will look at changes to the website and outreach to our priority areas. There are no big changes to our needs in GIS other than some smaller, new equipment purchases. For events, we look forward to a big WaterFest celebration in 2022.

## **8. Water Monitoring Program**

We have usual monitoring equipment purchasing and maintenance needs in 2022. There is some older equipment that needs replacing as part of a rotation. We also will buy new equipment as needed as we monitor special projects.

## **9. Permit and Inspection Program**

No new budget needs have been identified for the permitting and inspection program.

## **10. Research**

The district will continue to fund research and seek opportunities to do more research to advance our work. We will continue to look at using aeration for shallow lakes treatment and continuing our work with the St. Anthony Falls Research Lab to look at the use of iron and spent lime to treat phosphorus in stormwater ponds. We also will continue our research using the Kohlman Basin permeable weirs. As the district moves into needing to make internal load management decisions, research dollars can be spent to explore options. We will likely receive another request to support the Minnesota Stormwater Research Council (MSRC), which the board has supported for several years. It is good to have a healthy contingency in this line item for opportunities that come up during the year as well.

## 11. Capital Improvements Planning and Projects

**Feasibility Studies** – 2022 will continue with any necessary feasibility work to follow up from the Beltline Resiliency Study and move projects into implementation. A study to look at strategic monitoring of Battle Creek to identify the best projects to move forward with that stems from the past study and modeling work. We are evaluating whether Kohlman Lake should be delisted from the impaired waters list. This will require discussions with the MPCA and a look at the monitoring results from the past 15 years of work in this subwatershed. Internal load management will also be a focus for 2022.

**Flood Damage Reduction Fund** – Over the last several years, the board has added money to the fund to prepare for future projects as feasibility studies were being completed. Projects like the Keller Channel and Phalen Outlet modifications and the Keller Parkway and Ryan Drive will be completed in 2021. In 2021, the feasibility studies for the Ames Lake area and Kohlman and Willow Creek will also be completed. Staff is currently evaluating the projects that will be proposed to move forward in 2022 to decrease the risk of flooding in those areas. We will also continue to pursue phase 3 of the Owasso Basin bypass study.

Keeping this fund healthy has shown valuable, as we have seen over several years of flood management. While we have implemented and completed much work, it is wise to continue to have the funds available to act swiftly as needs arise. This is also valuable to our city and county partners as they ask for assistance on these matters.

**Targeted Retrofit Projects** – Since the studies have been completed for our impaired and at-risk of impairment subwatersheds, the potential projects have been placed in the prioritization tool developed to help guide staff in pursuing projects that would best meet the goals of the district. The staff has identified several potential projects in 2022 that have risen to the top of the water quality priorities. More details on anticipated costs for these projects will be shown at the August meeting, but here is a list of potential projects that are being pursued.

- South Lake Judy bioretention – Regional BMP – Emily subwatershed
- Knowlan's Fresh Foods rain garden – Beaver subwatershed
- Wildlife Rehabilitation Center of MN rain garden – Owasso subwatershed
- Shawnee Park rain garden – Battle Creek Lake subwatershed
- Pleasantview Park rain garden – Fish Creek subwatershed
- Muriel Shalon Arboretum rain garden – Owasso subwatershed
- Oakdale neighborhood rain garden project – Battle Creek Lake subwatershed

- Equity area projects – a number have been identified that will be evaluated in the prioritization tool. More to come.

***Maintenance and Repair Project***— We continue to find our CIP Maintenance and Repair budget adequate even with the additional items we address each year. We expect a similar level of need for our annual contract and will continue to offer our cities the ability to add their pond clean-out projects to our contract. As was suggested by the board during its discussion around the maintenance program, the staff is evaluating the need and ability to expand that program to offer help on other maintenance needs our cities face. This will be an upcoming topic at a public works forum we will host this fall.

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# Administrator's Report

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## MEMO

**TO:** Board of Managers and Staff  
**FROM:** Tina Carstens, Administrator  
**SUBJECT:** July Administrator's Report  
**DATE:** June 30, 2021

### A. Meetings Attended

Wednesday, June 2	6:30 PM	June Board Meeting
Thursday, June 3	8:00 AM	Water Resources Conference Planning
	10:00 AM	Meet with Twin Lake Association
Friday, June 4	11:00 AM	North St. Paul Flood Mapping
Monday, June 7	11:30 AM	Meet with Barr staff
Wednesday, June 9	9:00 AM	Meet with Interium
Thursday, June 10	9:00 AM	MAWA Executive Committee
Thursday, June 24	8:30 AM	MAWA Subcommittee Meeting
Monday, June 28	11:30 AM	Metro WBIF Prep Meeting
Tuesday, June 29	9:00 AM	MAWA Summer Meeting
Wednesday, June 30	11:30 AM	BWSR Committee Meeting – WBIF Funding

### B. Upcoming Meetings and Dates

Metro MAWD	July 21, 2021
MAWD Summer Meeting	July 22, 2021
August Board Meeting	August 4, 2021
September Board Meeting	September 1, 2021
CAC Meeting	September 28, 2021
October Board Meeting	October 6, 2021
Metro MAWD	October 20, 2021
CAC Meeting	October 26, 2021
November Board Meeting	November 3, 2021
December Board Meeting	December 1, 2021
MAWD Annual Meeting	December 2-4, 2021
CAC Meeting	December 7, 2021

### C. Ongoing Updates

**Victoria Shores** – After the board's last meeting and the letter staff sent to the city with our comments, the city council voted to have a discretionary EAW completed for the project. That process is ongoing.

**Ramsey County Permitting** – This is ongoing. I am continuing to work with Ramsey County staff and our attorney staff on this. I anticipate having something in place by the end of fall.

**District Art Policy** – Staff have researched other watershed and city policies on public art related to their cost-share programs. This is also ongoing, and we will have something for the board at a future meeting.

**Watershed Based Implementation Funding Letter to BWSR** – This letter was sent to BWSR and included in a packet of letters sent by seven other metro watersheds to date. In addition, a BWSR subcommittee meeting was held on June 30<sup>th</sup>, where Emily Javens, Mark Doneux (Capitol Region), and Tim Kelly (Coon Creek) spoke on behalf of the metro watersheds. It is anticipated that the BWSR board will make final decision on this program this fall.

### D. Wetland Workshop Outline

At the last meeting, the board discussed holding a workshop regarding wetlands on Wednesday, August 18 (time TBD). The following is a proposed outline for that workshop. I would plan the workshop to be between 1.5-2 hours, including discussion. The board can discuss the proposed outline and make sure it covers the items you had hoped it would.

GOAL: To define and clarify the district's role and goals in the stewardship of wetlands.

WHO WILL PRESENT: District staff, Barr Wetland Staff, BWSR Wetland Staff

1. Wetland definitions and common terms
  - a. Types/Classifications
  - b. Functions and values
2. State of the district wetlands (mapping, classifications, history)
3. Roles and Responsibilities
  - a. Staff/Board
  - b. Other agencies
4. District policy, rules, and goals regarding wetlands
  - a. No net loss
  - b. Buffers and water quality
  - c. Protect, preserve, and restore – what does this mean for the district?

**E. UPDATE: COVID-19 Back to the Office Plans (Staff and Board Meetings)**

At the last meeting, the board decided to continue with a virtual meeting for everyone in July. The state executive orders were still in place at the time but has since expired, as of July 1. Attached to this memo is correspondence from our attorney that states changes to the open meeting law requirements in Minnesota that also apply to us as a watershed district.

Governor Walz announced on June 29<sup>th</sup> that he would end the COVID-19 emergency on July 1, and that the medical exception for entity meetings could be used through August 30, 2021. The exemption can be used only three times between July 1 and August 30.

I propose that we continue with our plan for an all virtual meeting on July 7<sup>th</sup>. We could continue with that method for our August regular board meeting as well as the workshop meeting planned for August 18<sup>th</sup>. That would mean that our regular meeting in September would follow the guidelines as laid out in the attached memo.

The board should discuss how they would like to proceed with their meetings planned for August.



## Memorandum

To: Ramsey Washington Metro Watershed District Managers and Staff  
From: Laurann J. Kirschner, Esq.; Tracey A. Galowitz, Esq.  
Date: June 24, 2021

### Re: Remote Meeting Attendance by Managers

**Issue:** Do Minnesota statutes permit attendance and voting at a regular meeting by telephone and/or interactive technology?

**Short Answer:** Yes, but there are conditions that must be met.

#### **Analysis:**

##### *A. During the Pandemic*

Minn. Stat. § 13D.021 allows the District to suspend all in-person attendance at District meetings, as long as the following conditions are followed:

- (1) “The presiding officer, [or] chief legal counsel” for the District determines that an in-person meeting or a meeting where some members are in-person and others join by interactive technology “is not practical or prudent because of a health pandemic;”
- (2) Determination that in-person attendance by anyone, including, but not limited to the District managers, District staff, District consultants, or members of the public is not feasible due to the health pandemic;
- (3) All members of the body participating in the meeting, wherever their physical location, can hear one another and can hear all discussion and testimony;
- (4) Any business that requires voting, must be completed by roll call for identification purposes; and
- (5) The District must follow the normal rules of notice for the respective meeting, but must also include the fact that the meeting will be held remotely due to the health pandemic.

*B. Executive Order:* The most recent Executive Order (21-24) declaring a pandemic is set to expire on July 14, 2021, and meetings held through interactive technology will be subject to the requirements of Minn. Stat. § 13D.015.

C. Participation by Telephone or Interactive Technology

During the pandemic, the Minnesota legislature revised the Open Meeting laws, which were signed by the Governor on May 6, 2021. The revised laws are effective retroactively to January 1, 2021.

Minnesota Statute 13D.015 requires the following conditions for managers attending meeting by telephone or other electronic means:

- (1) “All members of the entity participating in the meeting, wherever their physical location, can hear one another and can hear all testimony;”
- (2) Members of the public present at the regular meeting location can hear all discussion and all votes of the managers, and participate in testimony;
- (3) “At least one member of the entity is physically present at the regular meeting location;”
- (4) All votes must be conducted by roll call;
- (5) If a manager is attending by telephone or interactive technology, members of the public should also be allowed to monitor the meeting electronically from a remote location;
- (6) The District must provide notice of the regular meeting location, and include in the notice that some members may participate by interactive technology, and that members of the public may also monitor the meeting electronically from a remote location. The notice must be posted at the regular meeting location provided in Minn. Stat. § 13D.04, and at least ten days before any regular meeting of the District.

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# Project and Program Status Reports

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## Memorandum

**To:** Board of Managers and Staff  
**From:** Tina Carstens and Brad Lindaman  
**Subject:** Project and Program Status Report – June 2021  
**Date:** May 26, 2021

### Project feasibility studies

#### Interim emergency response planning for district areas at risk of flooding (Barr project manager: Gareth Becker; RWMWD project manager: Tina Carstens)

*The purpose of this project is to provide information and guidance to cities throughout the district about how to protect low-lying habitable structures from flooding during the 100-year storm event. These emergency response plans address areas for which there is 1) not currently a feasible project that has been identified to protect structures or 2) a project that cannot be implemented in the near future due to logistical and/or budgeting reasons. This effort is an outcome of the Beltline resiliency study.*

During June, Barr finished surveying private commercial, institutional, multiunit, and single-family properties where we had consent. In some cases, homeowners reached out with questions about survey work, ultimately granting permission once they understood the intent of the effort. The processing of laser scan data is nearing completion, and Barr's modeling group is receiving elevation data to help determine actual structures in the flood zone.

Response statistics for the outreach to single-family homeowners via flyers are shown below:

<b>Total single-family homes that received flyers</b>	<b>43</b>
<b>Total consented prior to survey</b>	<b>16 (37%)</b>
<i>Text consent</i>	<i>8 (18%)</i>
<i>Postcard consent</i>	<i>5 (12%)</i>
<i>In-person consent</i>	<i>3 (7%)</i>
<b>Consented in field*</b>	<b>5 (12%)</b>
<b>Total surveyed</b>	<b>21 (49%)</b>

For the 22 single-family properties for which we did not ultimately obtain consent, Barr will rely on LiDAR topography to create the response plan for each property.

*\*Consent was obtained during the field visit.*

**Kohlman Creek flood risk reduction feasibility study (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Tina Carstens)**

*The purpose of this study is to evaluate the benefit-cost relationships of infrastructure changes throughout the Kohlman Creek subwatershed by reviewing potential pipe alignments, land acquisition costs, utility conflicts, permitting issues, and related design as well as construction and long-term maintenance costs associated with each alternative that achieves the project objective of removing habitable structures from the 100-year floodplain in this area. This study is a follow-up step to the Beltline resiliency study.*

Barr coordinated surveying of the Kohlman Creek area with the emergency response planning described above, both of which are nearing completion. Survey elevations collected included the low opening and low adjacent grade near each structure considered to be at risk of flooding based on our review of the LiDAR data. This information is needed to provide more accurate elevations than those estimated from LiDAR to determine which structures within the flood zone warrant more attention.

Flood damage reduction projects that were described conceptually in the Beltline resiliency study will next be evaluated in greater detail for the Kohlman Creek subwatershed feasibility study.

In addition, Barr recently incorporated storm sewer data for some of the smaller systems surrounding Postal Credit Union (PCU) Pond into the district's XP-SWMM model. We are currently working with the City of Maplewood to obtain additional information on immediately adjacent areas to help with our evaluation in the feasibility study.

**Ames Lake flood risk reduction feasibility study (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Tina Carstens)**

*The purpose of this study is to evaluate the benefit-cost relationships of infrastructure changes that would remove habitable structures from the floodplain in this area. This study will be phased. The first phase (currently underway) involves communications with the City of Saint Paul about how to approach flood management in this area, which involves both regional and localized flooding issues. The second phase (if pursued) will encompass reviewing potential pipe alignments, land acquisition costs, utility conflicts, permitting issues, and related design as well as construction and long-term maintenance costs associated with each alternative that achieves the project objective, as defined in partnership with the city. This study is a follow-up step to the Beltline resiliency study.*

Barr coordinated surveying of the Ames Lake area with the emergency response planning described above, both of which are nearing completion. Survey elevations collected include the low opening and low adjacent grade near each structure considered to be at risk of flooding based on our review of the LiDAR data. This information is needed to provide more accurate elevations than those estimated from LiDAR to determine which structures within the flood zone warrant more attention.

Flood damage reduction projects that were described conceptually in the Beltline resiliency study will next be evaluated in greater detail for the Ames Lake area feasibility study, concurrent with and similar to the Kohlman Creek subwatershed feasibility study.



**Subwatershed feasibility studies for at-risk creeks (Fish Creek and Gervais Creek) (Barr project manager: Erin Anderson Wenz; RWMWD project manager: Paige Ahlborg)**

*The purpose of this study is to look for retrofit opportunities in the Fish Creek and Gervais Creek subwatersheds that would improve the water quality of these creeks, which are considered to be at risk of nutrient impairment.*

During June, Barr revisited these studies to review ways to address both water quality and flood risk reduction concerns in each subwatershed. The information will be considered as a part of the 2022 project planning process.

## **Monitoring water quality/project monitoring**

**Special project best management practice (BMP) monitoring (Barr project manager: Katie Turpin-Nagel; RWMWD project manager: Paige Ahlborg)**

*The primary objective of this project is to monitor specific water quality BMPs that the RWMWD has implemented, particularly those that include filtration media such as iron-enhanced sand, spent lime, or CC17 crushed limestone aggregate, and/or which leverage continuous monitoring and adaptive control (CMAC) technology.*

This period, Barr and the RWMWD continued to plan monitoring and maintenance efforts for the Willow Pond CMAC spent-lime filter in Roseville's Willow Pond Park. We continue to coordinate long-term monitoring of lakes, stormwater ponds, and watershed BMPs.

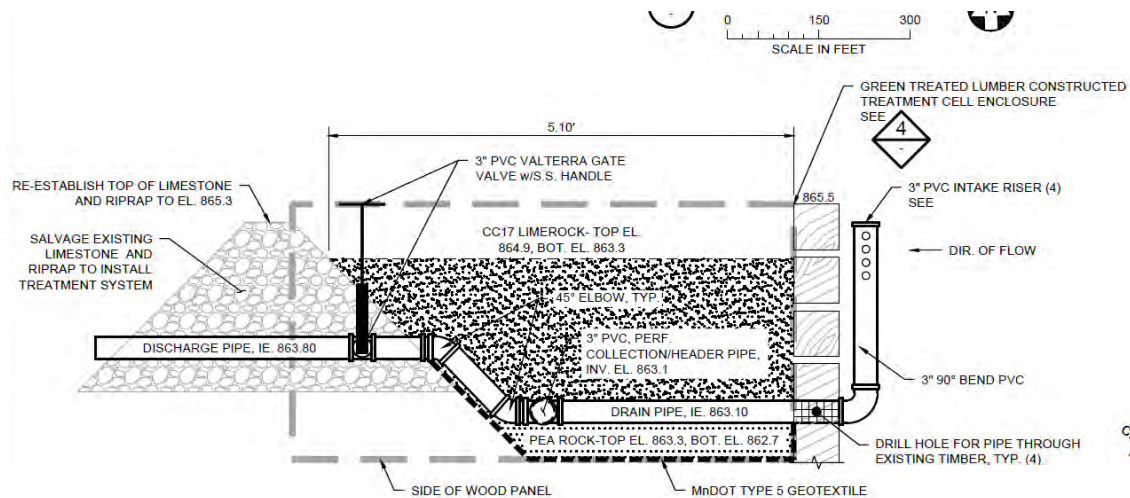
## **Research projects**

**Kohlman permeable weir test system (Barr project manager: Keith Pilgrim; RWMWD project manager: Bill Bartodziej)**

*The objective of this current investigation is to develop one or more conceptual designs that will fit within the footprint of the existing Kohlman Basin permeable weir and allow for ongoing testing of the system's effectiveness at removing total suspended solids and phosphorus.*

Two test cells were constructed in May as a part of the 2021 CIP maintenance and repairs project. These test cells will allow Barr and the RWMWD to evaluate the functionality of an upflow treatment cell (see figure below) designed to maximize the volume of water treated by filtration in the Kohlman Basin. This unique test system design requires a one- to two-year test period to evaluate the system's hydraulics in a small area before upflow filtration cells are constructed across the basin. The media in the treatment

cell is a crushed limestone called CC17. If the system modifications are effective, broad implementation across the weir is expected to significantly improve the performance of the entire permeable weir system. Most recently, Keith Pilgrim inspected the test cells and made minor field modifications to the filters to confirm that the hydraulics can be evaluated properly once testing is fully underway. In addition, the stilling well and level sensors were installed to identify the cells' treatment capacity as a function of water height at the upstream weir.



**Shallow lake aeration study (Barr project manager: Keith Pilgrim; RWMWD project manager: Bill Bartodziej)**

*The purpose of this study is to evaluate the potential effectiveness of aeration in shallow lakes by studying the effect of aeration in two smaller shallow systems (Markham Pond and Frog Pond) in detail during 2021 and 2022. This approach is being pursued as an alternative to whole-lake alum treatments.*

Field activities were successfully completed in May to determine “background” conditions of these systems—that is, the potential for phosphorus release from pond bottom sediments without aeration. This project is ongoing, with sampling and testing planned for June, July, August, and September. One potential complication is that the City of Roseville may install a fountain in Frog Pond, which could render the pond measurements to be reflective of a partially aerated state. The plan is to proceed with measurements and evaluate results on a real-time basis to determine whether it is reasonable to continue taking measurements in Frog Pond. Measurements will proceed in Markham Pond in accordance with the initial work plan.

**Phalen Chain of Lakes changes in water quality (Barr project manager: Keith Pilgrim; RWMWD project manager: Bill Bartodziej)**

*The primary objective of this study is to develop an overall assessment of a number of at-risk or total maximum daily load (TMDL) lakes with respect to the magnitude of internal phosphorus loads, benefits of controlling internal loads, and potential internal-load mitigation approaches.*

Recently, Barr evaluated changes in phosphorus loading in Kohlman Creek from 2009 to 2020 to understand the effect of BMP implementation on phosphorus loads in the creek. The previously developed P8 model (for the Kohlman Lake TMDL) and monitoring data were employed to determine if current phosphorus loads (e.g., 2019 and 2020) are lower than loads in 2009, 2010, and 2011 (pre-BMP

implementation). Activity during this period focused on refining the analysis to more accurately quantify changes in phosphorus concentrations from 2009 to 2020. The effort demonstrates that BMPs installed in the Kohlman Creek watershed are effectively reducing phosphorus concentrations, as well as the importance of long-term monitoring efforts to document the outcome of management efforts.

## Project operations

### **2021 Tanners Lake alum facility monitoring (Barr project manager: Meg Rattei; RWMWD project manager: Eric Korte)**

*The purpose of this project is to complete monitoring and reporting required by the general National Pollutant Discharge Elimination/State Disposal System permit for municipal separate storm sewer systems (MS4s).*

The Tanners Lake alum facility was shut down on June 16 due to a low inflow pH of 3. The outflow pH was 7.3 and did not appear to be impacted by the low inflow pH. Barr believes that the dosing for the very low flow entering the facility may be off and that the inflow chamber may have an accumulation of alum, causing the low inflow pH. We believe that a storm will flush out the inflow chamber and normalize inflow pH. Hence, we intend to restart the alum treatment facility after the next storm and then check inflow pH to verify that it has normalized.

## Capital improvements

### **Target store stormwater retrofit projects (Barr project manager: Katie Turpin-Nagel; RWMWD project manager: Paige Ahlborg)**

*The purpose of this project is to design, provide bid assistance for, and oversee construction of BMP retrofits at two Target retail stores.*

The pre-construction meeting for the North Saint Paul Target project was held in the Target parking lot on June 23 and was well attended by staff from Target, the RWMWD, and Peterson Construction. Construction is expected to begin in early July 2021.

Some remaining construction work at the East Saint Paul Target site was completed this period after RWMWD staff noted some erosion at the inlets of rain gardens 1 and 2, warranting expansion of the splash block assemblies at their inlets. Change order 4, included as a part of the consent agenda for consideration at the July 7 board meeting, outlines the changes that were requested and implemented this period.

Also this period, for the East Saint Paul Target project, Barr continued to coordinate with Target about breaks in irrigation lines that have appeared after construction (unrelated to construction activities). Target has committed to repairing the issues with minimal disruption to the rain gardens. Payment application 5 for the East Saint Paul project is included for consideration this month.

**Targeted retrofit projects (Barr project manager: Matt Kumka; RWMWD project manager: Paige Ahlborg)**

*The purpose of this project is to design, provide bid assistance for, and oversee construction of BMP retrofits on previously identified commercial, school, and faith-based properties throughout the district.*

Final design and bidding are complete on the St. Rose of Lima parking lot retrofit, in partnership with the City of Roseville. The city is leading contracting with the apparent low bidder, OMG Construction. The RWMWD's portion of the work includes reducing impervious surface of the parking lot without losing stalls by reorienting the stall positions and adding larger islands to support trees. The City of Roseville is installing an underground storage and infiltration system, while the church is contributing money for asphalt reconstruction. Site construction, beginning with the underground infiltration system, has been delayed but is set to commence shortly.

Site visits have begun to identify BMP opportunities in the district's equity areas. These areas have been identified as locations where the district has limited or no existing BMPs or capital improvement projects, and where increased levels of poverty exist. The goal of this effort is to identify potential BMP locations, contact interested partners, and implement rain gardens and other cost-effective projects.

This period, Barr revisited the project prioritization tool to identify stewardship grant opportunities that had been recommended in the RWMWD's subwatershed feasibility studies. The district will reach out to these property owners in the following weeks as planning for 2022 evolves.

**Keller channel weir and Phalen outlet resiliency modifications (Barr project manager: Greg Nelson; RWMWD project manager: Tina Carstens)**

*This project includes design, bid document development, bidding, permitting, and project procurement of modifications to the Keller channel structure and the Phalen outlet structure. The purpose is to implement a design that will allow the RWMWD to remotely adjust the weir heights on the Keller channel structure and the Phalen outlet structure in accordance with an approved operating plan. Operation of the structures under certain conditions will help reduce upstream flood levels where homes exist in the floodplain. This CIP is an implementation item from the Beltline resiliency study.*

During this period, the contractor, subcontractor, and product vendors continued to work together to initialize the gate controller systems. Xcel Energy finished installing electric transformers for three-phase electricity at both locations. Equipment installation and necessary adjustments to the system will be finalized soon. The schedule is on track to complete the work in early July. A final system checklist and demonstration are planned for the week of July 4, and Pember has received a final punch list of site work items, which are expected to be complete by the week ending July 2. Partial payment 6 is included for board consideration.

**Ryan Drive and Keller Parkway conveyance (Barr project manager: Sam Redinger; RWMWD project manager: Dave Vlasin)**

*The purpose of this project is to implement improved conveyance through Gervais Creek, as recommended by the Owasso Basin bypass feasibility study. This CIP is an implementation item from the study recommended in the Beltline resiliency study.*

Fitzgerald Excavating is coordinating its construction schedule around an August delivery of the precast box culverts. Barr and the RWMWD are scheduling a preconstruction meeting for the next few weeks with Fitzgerald Excavating and other project stakeholders (the City of Little Canada, Ramsey County, etc.). Notice to proceed will be issued soon as the contractor's schedule is finalized. Construction is anticipated to begin in late July or early August.

All right-of-entry access agreements and temporary construction easements have been received, save one that is expected shortly. The Minnesota DNR permit (MPARS) is anticipated soon as well. Fitzgerald Excavating will coordinate other permits (right-of-way/obstruction permit, traffic control plan, etc.), which will be discussed during the preconstruction meeting.

## **CIP project repair and maintenance**

### **Beltline/Battle Creek tunnel five-year inspection (Barr project manager: Sam Redinger; RWMWD project manager: Dave Vlasin)**

*The purpose of this project is to maintain the existing Beltline and Battle Creek tunnel systems and infrastructure owned and operated by the RWMWD.*

Minger Construction Co., Inc. completed the Beltline East Mechanic Branch and McKnight Basin structure 98 repairs in early May. The first (and final) payment application has been submitted.

The remaining portion of the 2020 inspection (the Mississippi River Branch and Battle Creek pipe), along with the baseline survey of the Battle Creek pipe, will be completed this fall/winter as flow conditions allow and the tunnel(s) can be accessed safely.

### **CIP maintenance/repairs 2021 project (Barr project manager: Greg Nelson; RWMWD project manager: Dave Vlasin)**

*The purpose of this project is to maintain existing systems and infrastructure owned and operated by the RWMWD and to assist and facilitate stormwater pond cleanouts to allow other public entities to meet their MS4 requirements.*

During this period, the contractor (Fitzgerald) finished work at all sites except for Owasso Basin near Ryan Drive. Work will continue this week to add soil to the berm to its proper flood protection design height. Cleanout of the Owasso Basin channel has not been finished; the contractor has requested an extension. The remaining cleanout work was attempted last winter but not completed when the equipment and methods used were unsuccessful. Change order 3 is included in this month's agenda for consideration.



## Natural Resources Update – Bill Bartodziej and Simba Blood

### Wetland A – buffer establishment

With the drought conditions lasting through June, it has been a very interesting start to the planting and seeding season. The upland areas around the wetland have been extremely dry, so our main focus has centered on the wetland transitional zone. With the water level dropping considerably, we are in the process of introducing a wide range of wetland and aquatic emergent plant species within this transitional zone.

We are doing this by using a mix of plant containers (grown at the Ramsey County Correctional Facility) and native seed. We have been able to keep on top of the dynamic water level situation, and will continue to revegetate exposed wetland areas if the water level continues to drop. Our plant supply is solid and we can modify our planting plan, based on the changes in the water level throughout the summer.

We are in the final stages of site preparation work in Phase III, the southeast side of the wetland. We will be removing large branches with a field rake mounted on a tractor. Once this is done, we will be able to use our gator and prairie drill for seeding. And once we start receiving some steady rains (fingers crossed), we will be planting these upland prairie and woodland areas as well.

The community has been actively involved in the project. In June, we had a 3M volunteer group as well as Master Water Stewards out to the wetland to assist with the planting. We are planning to have the District's CAC and other groups join in on the planting throughout the year. Overall, the restoration project is on schedule, plant communities are taking hold, and we are getting through the challenges posed by the drought.



**3M volunteers ready to plant. The group did really well, considering it was 95 degrees with oppressive humidity and full sun. (A fence was placed in the water to keep geese away from the young plants.)**





**Intern Emily is planting arrowhead amongst cottonwood branches. This is natural protection against goose and muskrat herbivory.**



**Matt is watering the newly planted and seeded mud flat area. The water is used to work the seed into the soil.**



## Public Involvement and Education Program Update – Sage Passi



### South Shore of Lake Phalen Restoration Gets a Remake

**Above** Teachers who taught at Cleveland Quality Middle School, Aloun Phoulavan, Randee Edmundson, Pam Bloedorn, Sue Fourniea and volunteered at a recent “reunion” restoration planting along the south shoreline at Lake Phalen. They returned to the same site where they planted multiple seasons many years ago with their students. **Below left:** 3M volunteers assist with the restoration at Snail Lake Regional Park wetland. They also helped at Lake Phalen. **Below Left:** 3M volunteers are hard at work at Lake Phalen. **Below right:** Bobbie Scott, Water Steward basks in the sun after a morning of planting at Lake Phalen.



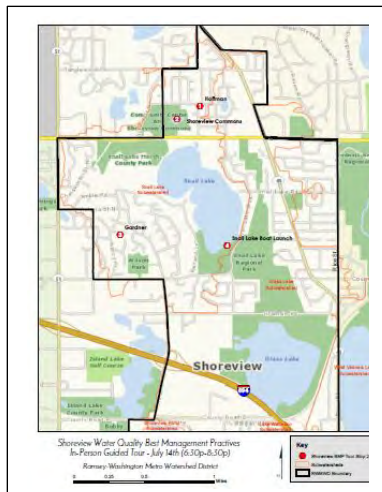


## Supporting Snail Lake Wetland and Garden Design in East St. Paul



The months of June and the end of May in the Watershed District were very active on many fronts with the opening up of Covid restrictions. We accomplished quite a variety of projects in the Watershed with the help of volunteers and engaged and educated the public in a range of settings with initiatives including planting projects at Lake Phalen and Snail Lake Regional Park with Water Stewards and 3M volunteers and teachers, a school yard rain garden spring maintenance effort (cutting back last year's vegetation in Central Park Elementary School's rain garden with sixth graders), weeding at Farnsworth demonstration garden, planning for a large scale native plant installation at the East Side Boys and Girls Club in St. Paul with involvement of youth and staff and beginning the planning process for the installation of a sculpture located within that native garden with the help of mentor artist, Aloun Phoulavan, CAC member, Randee Edmundson and two youth who will be chosen to participate in the art project and Watershed Education staff supporting the garden design and installation project. Watch for more news about WaterFest in our next education report!

## Shoreview BMP Guide Tour on July 14 Planned By Water Steward



Jennifer Olson, a Shoreview Water Steward-in training has been working with staff (Paige and Sage) to plan a BMP tour for the public to be held on July 14 as a part of her capstone project that will take participants to the northern half of Shoreview with four stops, planning and prep for a self guided tour around Shoreview for other sites both public and private, initial discussion for another tour to be led by a Water Stewards and staff and partners in east St. Paul We also spent significant time preparing for and implementing our Covid modified WaterFest event. There will also be a self-guided tour in the city of Shoreview with eight potential stops to see other BMPs around the city.

## Explore the Shore Plant Walk at Lake Phalen on June 22



**Above:** Stuart Knapmiller (Water Steward) and Cathy Troendle (Education Consultant) prepare plant signs for installation on the shore. The plant signs will stay up for the summer. Twenty-five people attended the event.

**Below:** Mark Gernes, MPCA wetland ecologist engages the tour with his vast knowledge of plants. Simba kicked off the tour for the public by sharing stories about the history of the shoreline restoration. A fall tour may be in the works too!



## **Communications Program Update – Lauren Hazenson**

### **Communications Strategy and General Updates**

#### **Waterfest**

Communications staff increased social media and newsletter promotion of Waterfest immediately before and during the nine day festival. Coverage of the “We Are Water” exhibit and Waterfest was featured in Minneapolis/ St. Paul Magazine the week of the event, and was also included in their weekend calendar.

#### **Carp Fishing Contest**

Contest events are planned for July 31 at Gervais Lake and August 28 at Lake Owasso. Promotion for both events will begin in early July, as will sponsor recruitment. We are coordinating with both respective lake associations to recruit volunteers and event participants.

#### **Shoreview Water Steward Tour**

RWMWD Water Steward Jennifer Olson is conducting a tour of four properties showcasing water-friendly restoration work and residential rain gardens. We began promotion of the in-person tour on June 24, and promotion of the self-guided tour will begin on July 7<sup>th</sup>. We are coordinating with the City of Shoreview to promote the tour to city residents. Social media promotion will be targeted to those who are unfamiliar with rain garden or watershed management, and then will extend to those who follow our regular channels or volunteer with RWMWD.

### **Publications/ Original Content**

#### **Stewardship Grant Site Signage**

We have hired an illustrator and graphic designer to give the new set of Stewardship Grant signs a distinct look and feel that will convey the beauty of the natural spaces while providing key project details in a dynamic manner. The size and placement of the signs has been identified and is under review by the property owners at each site. The expected installation of the signs is expected in September to allow time for the specialized sign fabricator to complete work.

#### **Annual Report**

The 2020 Annual Report tells the story of the resilience of RWMWD as an organization in the face of unprecedented challenges. The finished report is available here:

<https://en.calameo.com/read/0039489310184b7cb221b?authid=jAGGr0UO29CE>.

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## **ENewsletter**

### **June 11**

Open rate: 36.9%

Article link clicks: 2.3%

### **June 24**

Open rate: 34%

Clicks: 3%

## **Social Media (Facebook, Twitter, Instagram)**

Numbers as of 6/28 for June:

Audience: 2,639

Impressions/Post Views: 10, 241

Engagement (likes, comments, shares): 440

## **Website Updates**

Content updates to the “ Clean Water Tips” pages will be pushed to the live site in early July. These updates include water-friendly yard care, adopt-a-drain information, cross links to rain garden resources, and water-friendly pet care (dropping removal and proper goldfish disposal).

## **Resident Communications/Misc.**

- IDI Orientation
- CAC Meeting
- Waterfest shifts: 6/19, 6/21, 6/23, 6/25, 6/27



## Citizen Advisory Committee Update – Carrie Magnuson

The Citizen Advisory Commission met on June 8<sup>th</sup>, 2021 at 6:30 pm via Zoom. In attendance were 13 CAC members, Board of Manager liaison, Cliff Aichinger, 5 staff members, and event coordinator, Maddy Bohn. The following initiatives were discussed and further developed:

1. At the time of the meeting, **WaterFest** was approaching. The CAC often plays a key role in volunteering and exhibiting at this annual educational event. In 2019, they hosted a table regarding aquatic invasive species and had a goldfish surrender program. WaterFest Coordinator, Maddy Bohn, reviewed how this year's event would be held as a 9-day event, June 19-27<sup>th</sup>. She previewed what activities and exhibits would be present on different days and asked for CAC participation. As in previous years, the CAC were greatly supportive and signed up for several of the volunteer positions.
2. **Carp Fishing Contest Pilot** organizers, Lauren Hazenson, Bill Bartodziej, and newly commissioned Contest Coordinator, Maddy Bohn updated the group on progress with the project to date. They reviewed the main goals developed at the last CAC meeting and discussed the next planning phases. The event will take place on July 31<sup>st</sup> and August 28<sup>th</sup> on Gervais and Owasso Lakes. There will be on-site disposal for participants. Organizers have connected with one of the lake associations and they seem excited about the project. The CAC helped brainstorm logistics, promotional opportunities and how the group could be useful.
3. RWMWD Communications Coordinator, Lauren Hazenson, and the newly-hired Communications Intern, Dani Follett-Dion reviewed the status of the **Lake Phalen Chain of Lakes video series project**. This project will build on the static [Phalen Chain of Lakes Water Trail](#) map developed by the CAC. Communications staff will promote use of the lakes by developing a series of 1 to 3-minute videos of the lakes, and interviewing diverse local community members recreating on or near the water. The primary goals developed by the CAC in the past meetings include:
  - a. Showcasing the Lake Phalen Chain as a unique/special recreation area
  - b. Featuring recreation opportunities that will appeal to disparate audiences
  - c. Highlighting unique attributes of each lake
  - d. Featuring maps and other info available on RWMWD's websiteLauren asked the CAC members for input on what messaging should be included in the video and what audiences should be targeted for footage creation and distribution of the completed products.
4. Each year, the CAC uses their time and expertise to assist several projects that help advance RWMWD projects and programs. The group, including 7 new members, voted to continue the following efforts and discussed logistics:
  - a. CAC/LEAP Team Planting at Wetland A – Bill
  - b. Casey Lake Rain Garden Cleanup Project - Simba

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- c. LEAP Program nominations and subcommittee - Mark & Dana
- d. Watershed Excellence Awards & Volunteer Recognition Dinner planning and organization
- e. CAC Work Plan and training opportunities – Dana & Carrie

More details on these discussions will be available on the [CAC website](#) when meeting minutes are approved. Future meetings – Zoom or In-Person: September 28<sup>th</sup>, October 26<sup>th</sup>, December 7<sup>th</sup>

## WaterFest 2021 Update - Maddy Bohn June 30, 2021



### Overview

Event Dates: June 19 - June 27, 2021 Location: Lake Phalen Regional Park Time: 11am-6pm DAILY

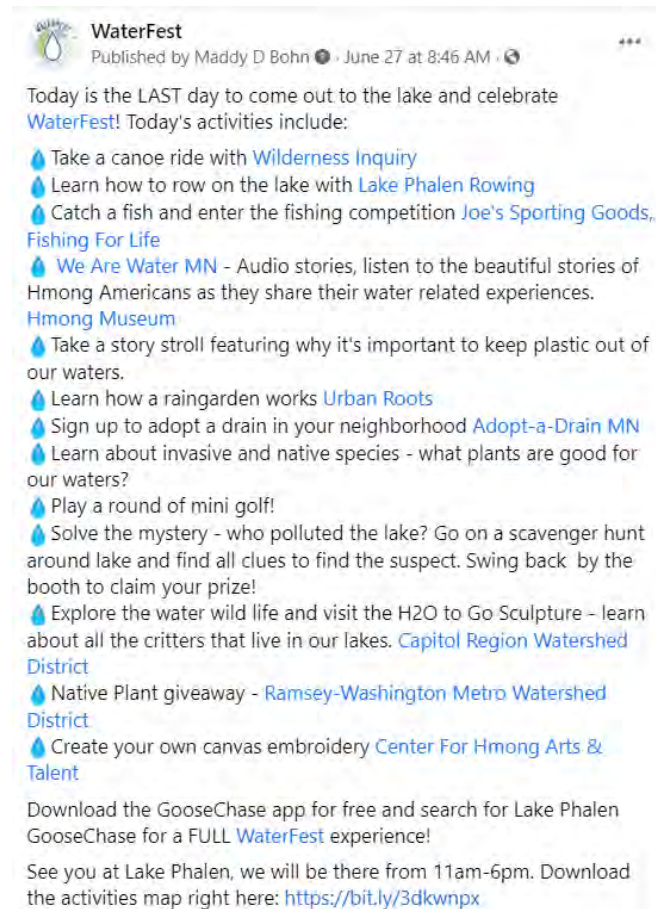
### Sponsorships

- Sponsorship Total came in at \$7,500

### Marketing

- Daily social media posts sharing activities for the day
- Lawn signs were distributed on the Lake Phalen grounds + neighbors yards in the area
- QR Codes were distributed to the activities tables to help guide the participants

### Social Media examples:



### Article featured in the MSP Mag



## Volunteers

- Many water stewards and CAC members volunteered filling up the open shifts. Everyone was pleasant to work with and happy to assist with the event!

## Activities included:

- Twin Cities Paddlesports – learn how to kayak
- Lake Phalen Rowing – learn how to row
- Lake Phalen Sailing – learn how to sail
- Wilderness Inquiry – take a canoe ride on the lake (They had over 70 participants in one day)
- Fish off the pier – Two volunteers from Joe's sporting goods and 2 paid helpers assisted with the event. Over 30 fishing poles were given away and prizes were awarded to the smallest and largest caught fish of the day.
- CHAT (Center for Hmong Arts and Talent) – embroidery on a canvas
- Learn about the invasive species in our lakes
- How does a raingarden work?
- What happens to groundwater?
- Who polluted the water – solve the mystery and win a prize! 6 clues were hidden around the phalen grounds.
- Goose Chase App (online scavenger hunt) has been approved and the activities are currently being set up.
- Adopt a Drain – learn how you can make an impact by keeping your neighborhood drain clean
- and more..... see FINAL activities map below:



Overall, we believe that WaterFest 2021 was a success this year. We were able to pull off an event stretching over 9 days that included educating the public, creating awareness about our water management efforts, and build community relationships. Many kids enjoyed the raingarden exhibit, the mini golf game and the water sports. We hope to be back to a one day in person event next year – tentatively scheduled for **Saturday, June 4, 2022.**









# 2021 EVENT MAP

June 19-27\*  
(11am-6pm)



Changsha  
China  
Friendship  
Garden

Sunfish  
Launch

Fox  
Cove

Fishing  
Pier

Bass  
Bay

Heron  
Hill

Amphitheater

Pavilion

LAKE  
PHALEN

## SCHEDULE OF EVENTS & EXHIBITS

#	EXHIBIT NAME	*DATES AVAILABLE
1	EMREP Groundwater Exhibit and Water Pollution Mystery Game	All
2	RWMWD Native Plant Give Away	June 26, 27
3	CHAT—Embroidery on Canvas	June 27
4	Learn How to Row	June 19, 20, 26, 27
5	Water Invader Toss	All
6	Raingarden Exhibit	All
7	Adopt-a-Drain	All
8	Putt Putt Mini Golf	All
9	Recycling Story Stroll	All
10	Lower Phalen Creek Project	June 19
11	Blue Bird House Give-Away	June 19-24
12	St. Paul Library Bookmobile (Beach House)	June 22, 24 (5:30p-7p)
13	We are Water Exhibit—Hmong Museum	All
14	Hmong Museum Information Booth	June 19-20, 24-27
15	Come Sail Away	June 19 (11a-2p)
16	Wilderness Inquiry Canoe Rides	June 27
17	Turtle Splash Story	All
18	Fishing on the Pier	June 26
19	CRWD Water Wildlife Sidewalk Stencils & H2O Go Sculpture	All
19	Paddleboat Rides (Sunfish Launch)	June 19
20	Shoreline Tour (starting South of the Beach)	June 22 (6:30p-8p)

### KEY

- June 19-27th
- Select Days (See Schedule)
- First Aid
- Waterfest Info Tent

Monarch  
Valley

Lakeside  
Center