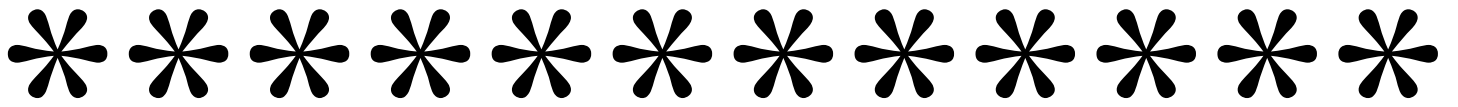




**RAMSEY-WASHINGTON**  
METRO WATERSHED DISTRICT

# **April 2020 Board Packet**



# Agenda





# RAMSEY-WASHINGTON

## METRO WATERSHED DISTRICT

### Regular Board Meeting Agenda

Wednesday, April 1, 2020

6:30 P.M.

Due to the COVID19 pandemic, this month's board meeting will be held via a video conferencing platform called 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 in on the meeting. Only items requiring action this month are included in the packet and on the agenda. If you have visitor comments they may be emailed to [tina.carstens@rwmwd.org](mailto:tina.carstens@rwmwd.org) ahead of the meeting. Instructions for joining in on the Zoom meeting can be found at the end of the agenda.

1. **Call to Order – 6:30 PM**
  2. **Approval of Agenda**
  3. Verbal Update from Administrator on RWMWD COVID-19 Response
  4. **Approval of Regular Meeting Minutes March 4, 2020**
  5. **Treasurer's Report and Bill List**
  6. **Permit Program**
    - A. **Applications**
      - i. **20-14 Central Park Pathway Maintenance, Roseville**
      - ii. **20-15 Spoon Lake Boat Launch Reconstruction**
      - iii. **20-16 Mondello Shores + 20-03 WCA Mondello Shores Wetland Replacement Plan, Vadnais Heights and Little Canada**
  7. **Stewardship Grant Program**
    - A. **Applications**
      - i. **20-06 CS Butler, native habitat restoration**
      - ii. **20-07 CS Keller Golfview, porous parking**
      - iii. **20-08 CS Hagerman, Master Water Steward shoreline restoration**
  8. **Adjourn**
- 

To access the meeting via webcast, please use this link: <https://zoom.us/j/102155567>

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 **102 155 567**.

If you have any questions, please contact Tina Carstens at [tina.carstens@rwmwd.org](mailto:tina.carstens@rwmwd.org).



# Minutes





**Ramsey-Washington Metro Watershed District  
Minutes of Regular Board Meeting  
March 4, 2020**

The Regular Meeting of March 4, 2020, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, at 6:30 p.m.

**PRESENT:**

Cliff Aichinger, Vice President  
Lawrence Swope, Treasurer  
Dianne Ward, Secretary  
Dr. Pam Skinner, Manager

**ABSENT:**

Marj Ebensteiner, President

**ALSO PRESENT:**

Tina Carstens, District Administrator  
Paige Ahlborg, Project Manager  
Nicole Soderholm, Permit Inspector  
Bill Bartodziej, Natural Resource Specialist  
Dave Vlasin, Water Quality Technician  
Viet-Hanh Winchell, Attorney for District  
Erin Anderson Wenz, Barr Engineering

Bruce Copley, Crestview Addition  
Steve LaBerge, Crestview Addition  
James and Angela Malone, Twin Lake  
Kyle Wahlstrom, Twin Lake  
Pete Clashagel, Brown and Caldwell, MCES  
Stan Martin, Twin Lake  
Burt Johnson, Twin Lake

**1. CALL TO ORDER**

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

**2. APPROVAL OF AGENDA**

Motion: Manager Skinner moved, Manager Ward seconded, to approve the agenda as presented. Motion carried 4-0. President Ebensteiner absent.

**3. CONSENT AGENDA**

A. Approval of Minutes from February 5, 2020

A staff member explained that the February minutes were completed in the new format as directed by the Board. Two board members commented that they did not believe the new format accurately describes the discussion that occurred and preferred the format that uses names and provides more detail. Two board members stated that they would not like the names mentioned and felt that it is important that the minutes reflect the highlights of the discussion, noting that the new format is more readable. A discussion was led by a board member about whether the law required a roll-call for each vote, indicating how each board member voted. The District Attorney noted that the new format still exceeds the minimum requirement for minutes and roll call vote was not necessary for each vote. A board member suggested that the discussion be tabled until the full Board is present.

It was noted on page two, the first motion, it should state, "...3 4 – 1..." On page six, Item 10C iv, the discussion was about the bypass, not permitting. On page two, Permit #20-04, it should state, "~~The Board~~ A board member

asked...” On page five, Item G, it should state, “~~It was the consensus of the Board that~~ The Board agreed to try...” On page five, Item 10A, a statement should be added stating, “A board member asked the cost per pound of phosphorus removal.” On page three, Permit #19-21, a statement should be added stating, “The Metro Transit project is at the 30 percent design phase.” It was noted that all phrases “The board asked” should be replaced with “A board member asked”. On page six, Item 10C iv, it should state, “...shows that if the pumping is done for ~~the allowed timeframe~~ for a short time and the rain is the same as it was in 2019...”

Motion: Manager Aichinger moved, Manager Skinner seconded, to approve the consent agenda as amended. Motion carried 4-0. President Ebensteiner absent.

#### **4. TREASURER’S REPORT AND BILL LIST**

A board member asked about the staff salaries for 2020, noting that it is showing as under budget. Staff replied that is due to the vacant communications position. A board member asked about a negative balance showing for the Target retrofit projects. A staff member replied that the District is anticipating receiving grant funds from the Watershed Based Funding program.

Motion: Manager Swope moved, Manager Ward seconded, to approve the March 4, 2020, bill list as submitted. Motion carried 4-0. President Ebensteiner absent.

#### **5. VISITOR PRESENTATIONS**

Bruce Copley, Crestview resident, stated that he was disappointed with the discussion of the potential pumping of West Vadnais Lake at the last meeting. He asked the Board to revisit the decision. He stated that the presentation by Barr only covered a one-time 30-day pumping. He believed that pumping year-round, when the ability presents itself, could provide additional capacity. He stated that representatives from the City of Shoreview and Ramsey County have also supported the pumping of West Vadnais Lake.

Steve LaBerge referenced the connection to Grass Lake/West Vadnais issue and stated that the Board has been aware of the Owasso Basin constraints for a minimum of three decades. He referenced the optimization report from 2005. He asked if there would ever be downstream water connections to address the problem or whether Grass Lake/West Vadnais would continue to serve as a dead-end.

Burt Johnson, representing Twin Lake Association, commented that he was not at the last meeting and it was difficult to follow the discussion that occurred with the new minute formatting. He reviewed the priorities of the association: a West Vadnais reroute, re-establish the outlet, and improve water quality.

Kyle Wahlstrom, Twin Lake resident, stated that he has photographs that he can provide to staff from February 14. He noted that the lake was frozen to the point where he could go inside the culvert, which has been modified with plastic tile and therefore is not the same size it originally was. He commented that erosion has occurred inside the culvert and the valve has been removed. He asked that the District review the modification of the culvert that directs water from the Frattalone property.

#### **6. PERMIT PROGRAM**

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

Permit #20-09: 7<sup>th</sup> Street Townhomes – North St. Paul

Motion: Manager Skinner moved, Manager Ward seconded, to approve Permit #20-09. Motion carried 4-0. President Ebensteiner absent.

Permit #20-10: NSP 7<sup>th</sup> Avenue Reconstruction – North St. Paul

Motion: Manager Skinner moved, Manager Swope seconded, to approve Permit #20-10.

Further discussion: A board member stated that they are hopeful that the District continues to look for opportunities on these large linear projects. Staff confirmed that they do look for those opportunities, as are member cities. A staff member provided details on the underground and above ground treatment proposed for the project.

Motion carried 4-0. President Ebensteiner absent.

Permit #20-11: MCES Battle Creek Interceptor Rehab – St. Paul

This is a sanitary sewer rehab project. A staff member explained that permitting is required because the project crosses the creek in multiple locations. A board member asked if there are potential dangers to be monitored because of the proximity of the culverts to the District's pipe locations. Staff replied that they will survey the actual pipe locations in the spring and the applicant will be cautious in those locations. The staff member confirmed that the applicant would be responsible for any damage that could occur to the District pipes, noting that there will be monitoring equipment installed and monitored at least once per day. A representative for the applicant provided additional details on the project process for the creek crossing areas.

Motion: Manager Ward moved, Manager Swope seconded, to approve Permit #20-11. Motion carried 4-0. President Ebensteiner absent.

Permit #20-12: County Road D and Greenbrier SIP – Little Canada

Motion: Manager Skinner moved, Manager Swope seconded, to approve Permit #20-12. Motion carried 4-0. President Ebensteiner absent.

Permit #20-13: Menard's Remodel – Maplewood

A staff member noted that additional volume was not able to be provided through this project, but that it would be an improvement as the site currently does not have treatment and this project will provide a mix of surface and subsurface treatment. A board member asked if the District has offered to cost share an element, such as tree trenches. Staff commented that it took a lot of work to get to this point and the proposed treatment does meet the District requirements, noting that they also mentioned opportunities such as the cost-share program to the applicant.

Motion: Manager Swope moved, Manager Skinner seconded, to approve Permit #20-13. Motion carried 4-0. President Ebensteiner absent.

B. Monthly Enforcement Report

During February zero notices were sent.

A staff member provided a brief update on work that is occurring under a temporary erosion control permit for the PFAS treatment facility in the City of Woodbury, recognizing that it is an emergency declaration.

**7. STEWARDSHIP GRANT PROGRAM**

A. Applications

None.

B. Budget Status Update

No comments.

**8. PRESENTATIONS AND ACTION ITEMS**

A. Eastside Boys and Girls Club Project Bid Award

Motion: Manager Skinner moved, Manager Ward seconded, to accept the proposal and award the Eastside Boys and Girls Club to Outdoor Lab Landscape Design Inc., direct staff to prepare and mail the notice of award, prepare the draft agreements and review the required submittals.

Further discussion: A Board member asked if this was the only bid received. A staff member confirmed that this was the only bid received but the District has worked with this contractor in the past and the bid is under the engineer's estimate.

Motion carried 4-0. President Ebensteiner absent.

**B. Project Update Memo and Presentation: Twin Lake Outlet and Operating Plan**

Erin Anderson Wenz, Barr Engineering, reviewed the goals for this project and reviewed the proposed project details. A board member asked for details on the time of year identified for "summer". For this purpose, summer is identified generally for the months of March through early November. The releases during this time cannot be timed with confidence further downstream, meaning that releasing water from Twin Lake could increase flood levels on Gervais Lake during summer storm events. It was further explained why (in the original version of the Twin Lake outlet operations plan) the proposed valve would not be left open all year round as that could cause water to backflow into Twin Lake from the MnDOT system during intense storm events, impacting water quality, and would increase levels in Gervais Lake and Owasso Basin. A board member asked the difference that one inch of downstream water level increase would have. It was explained that if the gate were left open and a 100-year storm occurred, there could be one additional inch of flooding into homes on Gervais Lake. A board member stated that as this moves forward, there could be an opportunity to leave the gate open more during different times of the year, perhaps closing it prior to storm events and opening for a time after the storm event passes to allow additional water to exit Twin Lake. It was explained that the original proposed operating plan attempts to balance the risk for both residents on Twin Lake and those downstream on Gervais, providing 100-year flood protection to homes on both Twin Lake and Gervais Lake. A board member commented that this option, and type of gate, allows flexibility and additional opportunities in the future. A board member summarized the discussion of the Board in support of this type of gate with direction to evaluate additional opportunities for the gate to be open during the "summer" season. It was explained that while it would be nice to have additional opportunities to release water during the "summer" season, staff is unable to predict the risk to Gervais Lake during those months with any great degree of certainty because of the length of time it takes for the water to reach Gervais Lake from Twin Lake. A board member stated that moving the flooding risk from one area to another could have issues of liability. A board member suggested installing backflow prevention with a valve to provide additional flexibility.

Motion: Manager Aichinger moved, Manager Skinner seconded, to move forward with plans and specifications for the Twin Lake Outlet and Operating Plan but with the option of having a backflow preventer and look at an operational plan that would allow for opportunistic discharge of water when water levels in Twin Lake are above 872.2 and to have flexibility built into the design to close the gate when downstream flooding is anticipated.

Further discussion: A staff member noted that the pumping that occurred the previous year did increase flood levels on Lake Gervais but did not cause flooding downstream on Gervais Lake because a 100-year storm event was not received during that time.

Motion carried 4-0. President Ebensteiner absent.

**C. New Project Scope: Watershed Management Plan Update Process**

A staff member noted that the proposed scope and schedule were included for the Watershed Management Plan update, noting that the Board would hold a workshop on the topic.

**9. ADMINISTRATOR'S REPORT**

**A. Meetings Attended**



No comments.

B. Upcoming Meetings and Dates

No comments.

C. Communications and Outreach Coordinator Position Update

A staff member noted that a staff group is working to narrow the pool of candidates.

D. Board of Managers Meeting Minutes

No additional discussion.

E. Community Conversation: Water Management in Northern Ramsey County

Board members provided input on whether they would be attending the meeting.

F. Comments on Beltline Resiliency Study

A board member commented that all of the elements should be made available to the public. A board member stated that within the report they would like to see the staff replies to the comments received. A staff member replied that a memorandum/table will be provided to the Board showing the staff replies to the comments which will be added to the study/report after acceptance from the board.

G. Governance Manual Table of Contents

A board member commented that this is a great idea and also suggested adding a section in the back in which amended policies could be added. A board member suggested developing a process for documenting and responding to citizen questions and also commented that they would like to see a more meaningful role for the Board Secretary and Board Treasurer.

H. Metro I-Net Joint Powers Agreement Discussion

A board member commented that they have experience with Metro I-Net and provided background noting that the company provides high quality service at a reasonable cost. A board member agreed that this is a good service but agreed that staff should keep an eye on the cost. A staff member stated that a concern the company brought up was that the costs change significantly if there are a different number of entities involved. It was noted that staff will keep an eye on that and will bring back the JPA.

Motion: Manager Ward moved, Manager Skinner seconded, to join the Joint Powers Agreement for Metro I-Net. Motion carried 4-0. President Ebensteiner absent.

**10. PROJECT AND PROGRAM STATUS REPORTS**

A. Ongoing Project and Program Updates

- i. Beltline Resiliency Study
- ii. Twin Lake Flood Risk Mitigation Feasibility Study
- iii. FEMA Flood Mapping
- iv. Lowering of West Vadnais Lake Outlet

A board member asked for a clarification on the timeline. A staff member provided an update on the timeline, noting that the District is still awaiting DNR and MnDOT permits.

- v. 500-Year Atlas 14 Modeling

A staff member noted that the maps are complete and will be provided to the Board.

- vi. Hillcrest Golf Course

A staff member provided an update on the Technical Advisory Committee (TAC) meeting held earlier in the day.

vii. Wetland Restoration Site Search

A board member suggested that the District's role in wetlands be better defined/explained.

viii. Battle Creek PFAS

A board member asked why it would be important to have a presentation on this topic. Another board member explained that ground water is important, as is water quality, and therefore it is helpful to know the impact that PFAS would have on ground and surface water. A staff member explained that the presentation provided to staff was eye opening and is important as to how the District would manage Battle Creek, as the presentation does discuss the impact on Battle Creek.

ix. 2020 Feasibility Studies Stemming from Beltline Resiliency Study

- a) Owasso Basin Bypass Pipeline
- b) Willow Creek Flood Damage Reduction
- c) Ames Lake Flood Damage Reduction
- d) West Vadnais to South I-694 Conveyance

A board member requested that consistent words are used in this document and the budget. A staff member explained that the language in the budget was not made to be specific and was meant to be a placeholder for a project that could move water out of West Vadnais Lake. The staff member explained that the feasibility study will identify the recommended method to move the water. Two board members stated that there are funds in the budget for this year and believed that a project should move forward this year. A staff member explained that funds are often budgeted that are not expended during the year. The staff member further explained the process that is necessary to look at the big picture and then go into more detail with the feasibility study and actually ordering the project. A staff member provided additional details on the timing and scope, noting that the understanding was that some of these elements would not move forward without the other elements being previously in place. A board member explained that often an item is placed in the budget as a placeholder and then a feasibility study is completed which provides the Board with the information necessary to determine if that is a feasible option.

x. Water Management Plan Updates

xi. Automated Lake Monitoring Systems

xii. Wakefield Park/Frost Avenue Stormwater Project

xiii. Targeted Retrofit Projects

xiv. Target Store Retrofit Projects

A board member referenced discussion from a previous meeting related to the cost per pound of removal of phosphorus. A staff member explained the acceptable range and noted that in areas of intense impervious surface, the District does support projects within the higher range. A staff member stated that the design is still being modified due to input received from Target since the last Board meeting, and the proposed cost therefore will likely decrease from the cost shown at the last meeting. It was explained that the District has completed some of the projects on the lower range first and is now moving along towards the projects further along the range. A Board member expressed concern with the process and stated that they would like to be more involved in these types of project reviews and would like to see formal motions before a project moves too far along.

xv. Aldrich Arena Stormwater Retrofit

xvi. CIP Maintenance and Repair 2020 Project

A staff member provided an update on the progress that has been made thus far.

xvii. Beltline/Battle Creek Tunnel Inspection

xviii. 2019 Tanners Lake Alum Facility Monitoring

xix. Natural Resources Program

A staff member provided information related to the electric carp management.

xx. Education Program

**11. INFORMATIONAL ITEMS**

No comments.

**12. REPORTS OF MANAGERS**

A board member asked for an update on the ditch petition. A staff member replied that it is the opinion of legal counsel that the petition has been satisfied and staff replied to the recent email. A board member referenced an email received about a visitor presentation from a resident that could not attend. A staff person replied that the resident stated that they would not be attending the meeting and simply wanted to provide comments. The staff person stated that staff will reply to the email. A board member asked for an update on a recent insurance claim. A staff member replied that the District's insurance company denied the claim of damages and no further action is needed at this time.

**13. ADJOURN**

Motion: Manager Skinner moved, Manager Ward seconded, to adjourn the meeting at 9:26 p.m. Motion carried 4-0. President Ebensteiner absent.

DRAFT



# Bill List



RWMWD BUDGET STATUS REPORT  
 Administrative & Program Budget  
 Fiscal Year 2020  
 3/31/2020

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	-	500.00	500.00	\$8,000.00	5.88%
	Manager expenses	4360	3,500.00	-	-	-	3,500.00	0.00%
	Committees	4365	3,500.00	-	580.00	834.50	2,665.50	23.84%
<b>Sub-Total: Managers/Committees:</b>			<b>\$15,500.00</b>	<b>\$0.00</b>	<b>\$1,080.00</b>	<b>\$1,334.50</b>	<b>\$14,165.50</b>	<b>8.61%</b>
Employees	Staff salary/taxes/benefits	4010	1,450,000.00	-	115,443.28	328,148.81	1,121,851.19	22.63%
	Employee expenses	4020	10,000.00	-	379.29	697.83	9,302.17	6.98%
	District training & education	4350	25,000.00	-	100.00	855.04	24,144.96	3.42%
	<b>Sub-Total: Employees:</b>		<b>\$1,485,000.00</b>	<b>\$0.00</b>	<b>\$115,922.57</b>	<b>\$329,701.68</b>	<b>\$1,155,298.32</b>	<b>22.20%</b>
Administration/ Office	GIS system maint. & equip.	4170	15,000.00	-	-	987.02	14,012.98	6.58%
	Data Base/GIS Maintenance	4171	5,000.00	-	-	-	5,000.00	0.00%
	Equipment maintenance	4305	3,000.00	-	-	-	3,000.00	0.00%
	Telephone	4310	8,000.00	-	57.48	172.44	7,827.56	2.16%
	Office supplies	4320	5,000.00	-	321.81	822.52	4,177.48	16.45%
	IT/Internet/Web Site/Software Lic.	4325	55,000.00	-	4,258.72	12,718.03	42,281.97	23.12%
	Postage	4330	5,000.00	-	143.55	143.55	4,856.45	2.87%
	Printing/copying	4335	8,000.00	-	947.35	1,241.35	6,758.65	15.52%
	Dues & publications	4338	11,000.00	-	-	7,500.00	3,500.00	68.18%
	Janitorial/Trash Service	4341	15,000.00	-	-	-	15,000.00	0.00%
	Utilities/Bldg.Contracts	4342	20,000.00	-	5,472.58	10,005.11	9,994.89	50.03%
	Bldg/Site Maintenance	4343	200,000.00	-	2,214.42	3,445.69	196,554.31	1.72%
	Miscellaneous	4390	5,000.00	-	377.00	377.00	4,623.00	7.54%
	Insurance	4480	40,000.00	-	-	357.02	39,642.98	0.89%
	Office equipment	4703	150,000.00	-	-	-	150,000.00	0.00%
	Vehicle lease, maintenance	4810-40	43,000.00	-	-	1,337.29	41,662.71	3.11%
<b>Sub-Total: Administration/Office:</b>			<b>\$588,000.00</b>	<b>\$0.00</b>	<b>\$13,792.91</b>	<b>\$39,107.02</b>	<b>\$548,892.98</b>	<b>6.65%</b>
Consultants/ Outside Services	Auditor/Accounting	4110	60,000.00	-	5,053.55	9,441.09	50,558.91	15.74%
	Engineering-administration	4121	93,000.00	-	6,042.00	18,266.90	74,733.10	19.64%
	Engineering-permit I&E	4122	10,000.00	-	-	-	10,000.00	0.00%
	Engineering-eng. review	4123	55,000.00	-	2,927.00	7,357.00	47,643.00	13.38%
	Engineering-permit review	4124	55,000.00	-	8,223.50	15,896.50	39,103.50	28.90%
	Project Feasibility Studies	4129	570,000.00	-	4,583.50	21,214.50	548,785.50	3.72%
	Attorney-permits	4130	10,000.00	-	-	-	10,000.00	0.00%
	Attorney-general	4131	40,000.00	-	5,985.00	8,516.00	31,484.00	21.29%
	Outside Consulting Services	4160	40,000.00	-	-	-	40,000.00	0.00%
	<b>Sub-Total: Consultants/Outside Services:</b>			<b>\$933,000.00</b>	<b>\$0.00</b>	<b>\$32,814.55</b>	<b>\$80,691.99</b>	<b>\$852,308.01</b>
Programs	Educational programming	4370	60,000.00	-	1,961.68	5,522.15	54,477.85	9.20%
	Communications & Marketing	4371	25,000.00	-	159.93	1,469.61	23,530.39	5.88%
	Events	4372	50,000.00	-	7,281.77	13,072.31	36,927.69	26.14%
	Water QM-Engineering	4520-30	185,000.00	-	4,293.63	26,202.69	158,797.31	14.16%
	Project operations	4650	160,000.00	-	8,829.90	9,344.76	150,655.24	5.84%
	SLMP/TMDL Studies	4661	173,000.00	-	1,445.50	1,445.50	171,554.50	0.84%
	Natural Resources/Keller Creek	4670-72	140,000.00	-	4,930.85	5,506.64	134,493.36	3.93%
	Outside Prog.Support/Weed Mgmt.	4683-84	67,000.00	-	10,455.35	25,461.08	41,538.92	38.00%
	Research Projects	4695	95,000.00	-	-	-	95,000.00	0.00%
	Health and Safety Program	4697	3,000.00	-	90.64	90.64	2,909.36	3.02%
	NPDES Phase II	4698	10,000.00	-	-	-	10,000.00	0.00%
	<b>Sub-Total: Programs:</b>			<b>\$968,000.00</b>	<b>\$0.00</b>	<b>\$39,449.25</b>	<b>\$88,115.38</b>	<b>\$879,884.62</b>
<b>GENERAL FUND TOTAL</b>			<b>\$3,989,500.00</b>	<b>\$0.00</b>	<b>\$203,059.28</b>	<b>\$538,950.57</b>	<b>\$3,450,549.43</b>	<b>13.51%</b>
CIP's	CIP Project Repair & Maintenance	516	1,115,000.00	-	624,541.69	667,413.64	447,586.36	59.86%
	Targeted Retrofit Projects	518	1,012,000.00	-	32,290.58	79,321.88	932,678.12	7.84%
	Flood Risk Reduction Fund	520	4,000,000.00	-	26,003.40	107,829.67	3,892,170.33	2.70%
	Debt Services-96-97 Beltline/MM/Battle Creek	526	400,074.00	-	-	276,886.63	123,187.37	69.21%
	Stewardship Grant Program Fund	528-529	1,000,000.00	-	2,799.00	11,885.60	988,114.40	1.19%
	Impervious Surface Volume Reduction Opportunity	531	1,600,000.00	-	-	-	1,600,000.00	0.00%
	Wakefield Park Project	553	100,000.00	-	174.00	330.00	99,670.00	0.33%
District Office Bond Payment	585	194,885.00	-	-	120,358.21	74,526.79	61.76%	
<b>CIP BUDGET TOTAL</b>			<b>\$9,421,959.00</b>	<b>-</b>	<b>\$685,808.67</b>	<b>\$1,264,025.63</b>	<b>\$8,157,933.37</b>	<b>13.42%</b>
<b>TOTAL BUDGET</b>			<b>\$13,411,459.00</b>	<b>\$0.00</b>	<b>\$888,867.95</b>	<b>\$1,802,976.20</b>	<b>\$11,608,482.80</b>	<b>13.44%</b>

Current Fund Balances:

Fund:	Unaudited Beginning Fund Balance @ 12/31/19	Fund Transfers	Year to date Revenue	Current Month Expenses	Year to Date Expense	Unaudited Fund Balance @ 03/31/20
101 - General Fund	\$4,703,085.38	-	62,274.31	203,059.28	538,950.57	4,226,409.12
516 - CIP Project Repair & Maintenance	1,157,461.08	-	-	624,541.69	667,413.64	490,047.44
518 - Targeted Retrofit Projects	(41,632.60)	-	-	32,290.58	79,321.88	(120,954.48)
520 - Flood Damage Reduction Fund	2,655,296.42	-	10,809.44	26,003.40	107,829.67	2,558,276.19
526 - Debt Services-96-97 Beltline/MM/Beltline-Battle Creek Tunnel Repair	1,242,307.33	-	-	-	276,886.63	965,420.70
528/529 - Stewardship Grant Program Fund	711,695.69	-	-	2,799.00	11,885.60	699,810.09
531 - Impervious Surface Volume Reduction Opportunity	1,484,215.00	-	-	-	-	1,484,215.00
553 - Wakefield Park Project	302,000.28	-	-	174.00	330.00	301,670.28
580 - Contingency Fund	692,737.06	-	-	-	-	692,737.06
585 - Certificates of Participation	130,460.59	-	335.47	-	120,358.21	10,437.85
<b>Total District Fund Balance</b>	<b>\$13,037,626.23</b>	<b>\$0.00</b>	<b>\$ 73,419.22</b>	<b>\$ 888,867.95</b>	<b>\$1,802,976.20</b>	<b>\$11,308,069.25</b>

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From Mar 1, 2020 to Mar 31, 2020**

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	03/01/20	met003	Mar 2020	MetLife	Employee Benefits	\$1,831.44
EFT	03/10/20	hea002	Apr 2020	HealthPartners	Employee Benefits	11,421.64
71311V	03/21/20	edm001	19-03 CS	Randee Edmundson	VOID	(200.00)
71393	03/10/20	aws001	S1335957-030120	AWS Service Center	Utilities/Building Contracts	216.29
71394	03/10/20	bfg001	1507194-00	BFG Supply Co., LLC	Educational Program	92.76
71395	03/10/20	cen006	001026	Century Power Sports & Equipment	Natural Resources Project	2,900.50
71396	03/10/20	cit009	47939	City of St. Paul	Events	1,125.00
71397	03/10/20	cit023	Mar 2020	City of St. Paul	Events	50.00
71398	03/10/20	gal001	2/27/2020	Galowitz Olson, PLLC	February Legal Fees	3,663.00
71399	03/10/20	gil001	190570	Gilbert Mechanical Contractors, Inc.	Utilities/Building Contracts	5,232.29
71400	03/10/20	hom001	2/28/2020	Home Depot Credit Services	Water QM Staff	53.00
71401	03/10/20	int003	168069	Intereum, Inc.	Bldg./Site Maintenance	250.00
71402	03/10/20	nsp002	Twin Lake	Xcel Energy	Construction-Flood Damage	500.00
71403	03/10/20	pit001	3103779587	Pitney Bowes Global Financial Serv LLC	Postage	143.55
71404	03/10/20	pre003	317396683	Premium Waters, Inc.	Utilities/Building Contracts	24.00
71405	03/10/20	stu001	2019338	Studio Lola	Events	488.75
71406	03/10/20	tri002	E27933	Tri-State Bobcat	Natural Resources Project	1,500.00
71407	03/10/20	uli001	117502211	Uline	Natural Resources Project	176.68
71408	03/10/20	usb005	408472488	US Bank Equipment Finance	Printing Expense	294.00
71409	03/10/20	wil002	May 30, 2020	Wilderness Inquiry	Events	375.00
71410	03/23/20	ahl001	Feb/March 2020	Paige Ahlborg	Employee Reimbursement	132.10
71411	03/23/20	att002	X03252020	AT & T Mobility - ROC	Water QM Staff	80.45
71412	03/23/20	bar001	2/15-3/13/20	Barr Engineering	February/March Engineering	94,843.08
71413	03/23/20	bar004	Mar 2020	Deborah Barnes	Employee Reimbursement	47.48
71414	03/23/20	blo001	Mar 2020	Simba Blood	Employee Reimbursement	324.71
71415	03/23/20	bre003	2nd Quarter	Bremer Bank	Employee Benefits	7,543.75
71416	03/23/20	cad001	16731448	Allstream	Water QM Staff	65.18
71417	03/23/20	cit011	228599	City of Roseville	IT Services/Website/Software	4,163.00
71418	03/23/20	edm001	19-03 CS	Randee Edmundson	Stewardship Grant Program	200.00
71419	03/23/20	fit001	Payment #1	Fitzgerald Excavating & Trucking, Inc.	Construction Imprv.- Maint. & Repair	615,315.09
71420	03/23/20	fit002	Mar 2020	Mary Fitzgerald	Employee Reimbursement	53.05
71421	03/23/20	fre001	1001	Freshwater Society	Outside Program Support	10,000.00
71422	03/23/20	gal001	Mar 2020	Galowitz Olson, PLLC	March Legal Fees	3,322.00
71423	03/23/20	gil001	190969	Gilbert Mechanical Contractors, Inc.	Bldg./Site Maintenance	1,795.46
71424	03/23/20	haw001	4682236	Hawkins, Inc.	Project Operations	8,787.90
71425	03/23/20	inn002	IN2894631	Innovative Office Solutions LLC	Office Supplies	175.39
71426	03/23/20	int001	W20020506	Office of MN, IT Services	Telephone Expense	57.48
71427	03/23/20	kub001	02/01/20	Kyle W. Kubitza	Employee Reimbursement	35.43
71428	03/23/20	mbc001	1070	MB Consulting	Events	5,000.00
71429	03/23/20	mel001	Feb/March 2020	Michelle L. Melser	Employee Reimbursement	31.05
71430	03/23/20	met004	INV1560168	Metro Sales, Inc.	Printing Expense	653.35
71431	03/23/20	nep001	Mar 2020	NCPERS Group Life Ins.	Employee Benefits	16.00
71432	03/23/20	pac001	2012015685	Pace Analytical Services, Inc.	Water QM Staff	1,365.00
71433	03/23/20	pas002	1/1-3/17/20	Sage Passi	Employee Reimbursement	525.89
71434	03/23/20	pra001	2005718900	Prairie Moon Nursery, Inc.	Events	209.93
71435	03/23/20	red002	150451698	Redpath & Company, Ltd	February Accounting Services	5,053.55
71436	03/23/20	sod001	Mar 2020	Nicole Soderholm	Employee Reimbursement	54.03
71437	03/23/20	tes001	S307225-IN	The Tessman Company	Construction Imprv.- Maint. & Repair	144.00
71438	03/23/20	tim002	M25521	Timesaver Off-Site Secretarial, Inc.	Committee/Board Meeting Expense	580.00
71439	03/23/20	tro002	20-03	Cathy Troendle	Educational Program	1,739.52
71440	03/23/20	usb002	Mar 2020	U.S. Bank	Monthly Credit Card Expense	1,248.07
71441	03/23/20	van001	71419	Vanguard Cleaning Systems of Minnesota	Bldg./Site Maintenance	168.96
<b>Total</b>						<b>\$793,868.80</b>

**Ramsey Washington Metro Watershed Dist.**  
**Check Register**  
**For the Period From Mar 1, 2020 to Mar 31, 2020**

Check #	Date	Payee ID	Invoice #	Payee	Description	Amount
EFT	02/07/20	myp001	02/07/20	February 7th Payroll Fees	4110-101-000	67.10
EFT	02/21/20	myp001	02/21/20	February 21st Payroll Fees	4110-101-000	619.45
Dir.Dep.	03/06/20	---	Payroll Expense-Net	March 6th Payroll	4010-101-000	26,310.00
EFT	03/06/20	int002	Internal Rev.Serv.	March 6th Federal Withholding	2001-101-000	9,391.13
EFT	03/06/20	mnd001	MN Revenue	March 6th State Withholding	2003-101-000	1,716.98
EFT	03/06/20	per001	PERA	March 6th PERA	2011-101-000	5,896.69
EFT	03/06/20	emp002	Empower Retirement	Employee Def.Comp. Contributions	2016-101-000	3,029.00
EFT	03/06/20	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	425.00
Dir.Dep.	03/20/20	---	Payroll Expense-Net	March 20th Payroll	4010-101-000	26,342.31
EFT	03/20/20	int002	Internal Rev.Serv.	March 20th Federal Withholding	2001-101-000	9,215.25
EFT	03/20/20	mnd001	MN Revenue	March 20th State Withholding	2003-101-000	1,674.23
EFT	03/20/20	per001	PERA	March 20th PERA	2011-101-000	6,796.38
EFT	03/20/20	emp002	Empower Retirement	Employee Def.Comp. Contributions	2016-101-000	3,029.00
EFT	03/20/20	emp002	Empower Retirement	Employee IRA Contributions	2018-101-000	425.00
<b>Payroll/Benefits</b>						<b><u>\$94,937.52</u></b>
<b>Total</b>	<b>Accounts Payable/Payroll/Benefits:</b>					<b><u>\$888,806.32</u></b>

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From Mar 1, 2020 - Mar 31, 2020**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
03/01/20	EFT	met003	MetLife-Group Benefits			\$1,831.44	
				4040-101-000	Employee Benefits-General		1,505.51
				2015-101-000	Employee Health-General		325.93
03/10/20	EFT	hea002	HealthPartners			11,421.64	
				4040-101-000	Employee Benefits-General		10,275.29
				2015-101-000	Employee Health-General		1,146.35
03/21/20	71311V	edm001	Randee Edmundson	4682-529-000	Stewardship Grant Fund	(200.00)	
03/10/20	71393	aws001	AWS Service Center	4342-101-000	Utilities/Bldg. Contracts	216.29	
03/10/20	71394	bfq001	BFG Supply Co., LLC	4370-101-000	Educational Program-General	92.76	
03/10/20	71395	cen006	Century Power Sports & Equipment	4670-101-000	Natural Resources Project-General	2,900.50	
03/10/20	71396	cit009	City of St. Paul	4372-101-000	Events	1,125.00	
03/10/20	71397	cit023	City of St. Paul	4372-101-000	Events	50.00	
03/10/20	71398	gal001	Galowitz Olson, PLLC			3,663.00	
				4131-101-000	Attorney-General		3,213.00
				4131-520-000	Attorney-Flood Damage		450.00
03/10/20	71399	gil001	Gilbert Mechanical Contractors, Inc.	4342-101-000	Utilities/Bldg. Contracts	5,232.29	
03/10/20	71400	hom001	Home Depot Credit Services	4530-101-000	Water QM Staff-General	53.00	
03/10/20	71401	int003	Intereum, Inc.	4343-101-000	Bldg./Site Maintenance	250.00	
03/10/20	71402	nsp002	Xcel Energy	4630-520-000	Construction-Flood Damage	500.00	
03/10/20	71403	pit001	Pitney Bowes Global Financial Services, LLC	4330-101-000	Postage	143.55	
03/10/20	71404	pre003	Premium Waters, Inc.	4342-101-000	Utilities/Bldg. Contracts	24.00	
03/10/20	71405	stu001	Studio Lola	4372-101-000	Events	488.75	
03/10/20	71406	tri002	Tri-State Bobcat	4670-101-000	Natural Resources Project-General	1,500.00	
03/10/20	71407	uli001	Uline	4670-101-000	Natural Resources Project-General	176.68	
03/10/20	71408	usb005	US Bank Equipment Finance	4335-101-000	Printing-General	294.00	
03/10/20	71409	wil002	Wilderness Inquiry	4372-101-000	Events	375.00	
03/23/20	71410	ahl001	Paige Ahlborg			132.10	
				4020-101-000	Employee Expenses-General		77.50
				4040-101-000	Employee Benefits-General		54.60
03/23/20	71411	att002	AT & T Mobility -ROC	4530-101-000	Water QM Staff-General	80.45	
03/23/20	71412	bar001	Barr Engineering			94,843.08	
				4121-101-000	Engineering Admin-General Fund		6,042.00
				4129-101-000	Project Feasability-General		192.50
				4123-101-000	Engineering-Review		2,927.00
				4129-101-000	Project Feasability-General		73.50



**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From Mar 1, 2020 - Mar 31, 2020**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
				4129-101-000	Project Feasability-General		464.50
				4129-101-000	Project Feasability-General		1,453.00
				4129-101-000	Project Feasability-General		347.00
				4129-101-000	Project Feasability-General		347.00
				4129-101-000	Project Feasability-General		1,474.00
				4129-101-000	Project Feasability-General		232.00
				4520-101-000	Water QM-Engineering		780.00
				4520-101-000	Water QM-Engineering		715.00
				4520-101-000	Water QM-Engineering		1,235.00
				4124-101-000	Engineering-Permit Review		8,223.50
				4661-101-000	SLMP/TMDL Studies		133.00
				4661-101-000	SLMP/TMDL Studies		264.00
				4661-101-000	SLMP/TMDL Studies		1,020.00
				4661-101-000	SLMP/TMDL Studies		28.50
				4650-101-000	Project Operations-General		42.00
				4128-518-000	Engineering-School/Commer Retrofit		27,875.08
				4128-518-000	Engineering-School/Commer Retrofit		64.00
				4128-553-000	Engineering-Wakefield		174.00
				4128-518-000	Engineering-School/Commer Retrofit		769.50
				4128-518-000	Engineering-School/Commer Retrofit		1,462.50
				4128-518-000	Engineering-School/Commer Retrofit		1,569.50
				4682-529-000	Stewardship Grant Fund		2,799.00
				4128-520-000	Engineering-Flood Damage		6,957.00
				4128-520-000	Engineering-Flood Damage		18,096.40
				4128-516-000	Engineering-Maint. & Repair		981.00
				4128-516-000	Engineering-Maint. & Repair		1,814.00
				4128-516-000	Engineering-Maint. & Repair		6,287.60
03/23/20	71413	bar004	Deborah Barnes			47.48	
				4040-101-000	Employee Benefits-General		40.00
				4020-101-000	Employee Expenses-General		7.48
03/23/20	71414	blo001	Simba Blood	4670-101-000	Natural Resources Project-General	324.71	
03/23/20	71415	bre003	Bremer Bank	4040-101-000	Employee Benefits-General	7,543.75	
03/23/20	71416	cad001	Allstream	4530-101-000	Water QM Staff-General	65.18	
03/23/20	71417	cit011	City of Roseville	4325-101-000	IT/Website/Software	4,163.00	
03/23/20	71418	edm001	Randee Edmundson	4682-529-000	Stewardship Grant Fund	200.00	
03/23/20	71419	fit001	Fitzgerald Excavating & Trucking, Inc.	4630-516-000	Construction Imp.-Maint. & Repair	615,315.09	
03/23/20	71420	fit002	Mary Fitzgerald			53.05	
				4040-101-000	Employee Benefits-General		40.00

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From Mar 1, 2020 - Mar 31, 2020**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
				4020-101-000	Employee Expenses-General		13.05
03/23/20	71421	fre001	Freshwater Society	4683-101-000	Outside Program Support	10,000.00	
03/23/20	71422	gal001	Galowitz Olson, PLLC			3,322.00	
				4131-101-000	Attorney-General		2,772.00
				4630-518-000	Construction Imp.-Targeted Retrofit		550.00
03/23/20	71423	gil001	Gilbert Mechanical Contractors, Inc.	4343-101-000	Bldg./Site Maintenance	1,795.46	
03/23/20	71424	haw001	Hawkins, Inc.	4650-101-000	Project Operations-General	8,787.90	
03/23/20	71425	inn001	Innovative Office Solutions, LLC	4320-101-000	Office Supplies-General	175.39	
03/23/20	71426	int001	Office of MN, IT Services	4310-101-000	Telephone-General	57.48	
03/23/20	71427	kub001	Kyle W. Kubitza	4020-101-000	Employee Expenses-General	35.43	
03/23/20	71428	mbc001	MB Consulting	4372-101-000	Events	5,000.00	
03/23/20	71429	mel001	Michelle L. Melser	4020-101-000	Employee Expenses-General	31.05	
03/23/20	71430	met004	Metro Sales, Inc.	4335-101-000	Printing-General	653.35	
03/23/20	71431	nep001	NCPERS Group Life Ins.	2015-101-000	Employee Health-General	16.00	
03/23/20	71432	pac001	Pace Analytical Services, Inc.	4530-101-000	Water QM Staff-General	1,365.00	
03/23/20	71433	pas002	Sage Passi			525.89	
				4372-101-000	Events		33.09
				4040-101-000	Employee Benefits-General		292.05
				4020-101-000	Employee Expenses-General		200.75
03/23/20	71434	pra001	Prairie Moon Nursery, Inc.	4372-101-000	Events	209.93	
03/23/20	71435	red002	Redpath & Company, Ltd.	4110-101-000	Auditor/Accounting	5,053.55	
03/23/20	71436	sod001	Nicole Soderholm			54.03	
				4040-101-000	Employee Benefits-General		40.00
				4020-101-000	Employee Expenses-General		14.03
03/23/20	71437	tes001	The Tessman Company	4630-516-000	Construction Imp.-Maint. & Repair	144.00	
03/23/20	71438	tim002	Timesaver Off-Site Secretarial, Inc.	4365-101-000	Committee/Board Meeting Expense	580.00	
03/23/20	71439	tro002	Cathy Troendle			1,739.52	
				4370-101-000	Educational Program-General		1,712.50
				4370-101-000	Educational Program-General		21.63
				4370-101-000	Educational Program-General		5.39
03/23/20	71440	usb002	U.S. Bancorp			1,248.07	
				4325-101-000	IT/Website/Software		95.72
				4320-101-000	Office Supplies-General		60.73
				4320-101-000	Office Supplies-General		14.97
				4320-101-000	Office Supplies-General		34.99
				4370-101-000	Educational Program-General		129.40
				4320-101-000	Office Supplies-General		2.15
				4371-101-000	Communications & Marketing		159.93
				4670-101-000	Natural Resources Project-General		73.06

**Ramsey Washington Metro Watershed Dist.**  
**Cash Disbursements Journal**  
**For the Period From Mar 1, 2020 - Mar 31, 2020**

Date	Check #	Vendor ID	Name	Account ID	Account Description	Amount	Check Detail
				4670-101-000	Natural Resources Project-General		75.90
				4320-101-000	Office Supplies-General		33.58
				4350-101-000	Training & Education-General		100.00
				4697-101-000	Health & Safety Program		90.64
				4390-101-000	Miscellaneous Expense		377.00
03/23/20	71441	van001	Vanguard Cleaning Systems of Minnesota	4343-101-000	Bldg./Site Maintenance	168.96	
<b>Accounts Payable Total:</b>						<b>\$793,868.80</b>	
EFT	02/07/20	myp001	Payroll Fees	4110-101-000	February 7th Payroll Fees	67.10	
EFT	02/21/20	myp001	Payroll Fees	4110-101-000	February 21st Payroll Fees	619.45	
Dir.Dep.	03/06/20	---	Payroll Expense-Net	4010-101-000	March 6th Payroll	26,310.00	
EFT	03/06/20	int002	Internal Revenue Service	2001-101-000	March 6th Federal Withholding	9,391.13	
EFT	03/06/20	mnd001	MN Revenue	2003-101-000	March 6th State Withholding	1,716.98	
EFT	03/06/20	per001	PERA	2011-101-000	March 6th PERA	5,896.69	
EFT	03/06/20	emp002	Empower Retirement	2016-101-000	Employee Def.Comp. Contributions	3,029.00	
EFT	03/06/20	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	425.00	
Dir.Dep.	03/20/20	---	Payroll Expense-Net	4010-101-000	March 20th Payroll	26,342.31	
EFT	03/20/20	int002	Internal Revenue Service	2001-101-000	March 20th Federal Withholding	9,215.25	
EFT	03/20/20	mnd001	MN Revenue	2003-101-000	March 20th State Withholding	1,674.23	
EFT	03/20/20	per001	PERA	2011-101-000	March 20th PERA	6,796.38	
EFT	03/20/20	emp002	Empower Retirement	2016-101-000	Employee Def.Comp. Contributions	3,029.00	
EFT	03/20/20	emp002	Empower Retirement	2018-101-000	Employee IRA Contributions	425.00	
<b>Payroll/Benefits</b>						<b>\$94,937.52</b>	
<b>TOTAL:</b>						<b>\$888,806.32</b>	



**Summary of Professional Engineering Services During the Period  
February 15, 2020 through March 13, 2020**

	Total Engineering Budget (2020)	Total Fees to Date (2020)	Budget Balance (2020)	Fees During Period	District Accounting Code
<b>Engineering Administration</b>					
General Engineering Administration	\$76,000.00	\$18,266.90	\$57,733.10	\$6,042.00	4121-101
RWMWD Health and Safety/ERTK Program	\$2,000.00	\$0.00	\$2,000.00		4697-101
Educational Program/Educational Forum Assistance	\$20,000.00	\$1,109.50	\$18,890.50	\$192.50	4129-101
<b>Engineering Review</b>					
Engineering Review	\$55,000.00	\$7,357.00	\$47,643.00	\$2,927.00	4123-101
<b>Project Feasibility Studies</b>					
Interim emergency response plan funds for top priority District flooding areas	\$45,000.00	\$0.00	\$45,000.00		4129-101
Beltline Resiliency and Phalen Chain Water Level Management Study	\$217,000.00	\$163,915.37	\$53,084.63		4129-101
FEMA Flood Mapping Update	\$55,000.00	\$48,341.50	\$6,658.50	\$73.50	4129-101
Modeling of 500-year event Atlas 14 District-wide (Climate Change Scenario) and Generation of Flood Maps for Future Outreach Efforts	\$70,000.00	\$5,493.50	\$64,506.50		4129-101
Hillcrest Golf Course (multi-use)	\$25,000.00	\$5,966.00	\$19,034.00	\$464.50	4129-101
Gold BRT planning	\$20,000.00	\$0.00	\$20,000.00		4129-101
Owasso Basin by-pass pipeline feasibility study/prelim design (Atlas 14 #1 priority area)	\$125,000.00	\$1,733.00	\$123,267.00	\$1,453.00	4129-101
Willow Creek flood damage reduction feasibility study (Atlas 14 - #2 priority flooding area)	\$50,000.00	\$627.00	\$49,373.00	\$347.00	4129-101
Ames Lake area flood damage reduction feasibility study (Atlas 14 #3 priority area)	\$50,000.00	\$627.00	\$49,373.00	\$347.00	4129-101
West Vadnais Lake to South of I-694 Conveyance Feasibility Study	\$35,000.00	\$1,474.00	\$33,526.00	\$1,474.00	4129-101
Battle Creek PFAS (monitoring, source ID, meetings, communications)	\$25,000.00	\$1,062.50	\$23,937.50		4129-101
694/494/94 WQ treatment feasibility study	\$30,000.00	\$0.00	\$30,000.00		4129-101
Subwatershed feasibility studies for At-Risk creeks (Fish Creek and Gervais Creek)	\$40,000.00	\$232.00	\$39,768.00	\$232.00	4129-101
Battle Creek Lower Ravine Restoration Feasibility Study	\$25,000.00	\$0.00	\$25,000.00		4129-101
Wetland Restoration Site Search	\$25,000.00	\$29,059.60	-\$4,059.60		4129-101
Contingency*	\$25,000.00	\$0.00	\$25,000.00		4129-101
<b>GIS Maintenance</b>					
GIS Maintenance	\$5,000.00	\$0.00	\$5,000.00		4170-101
<b>Monitoring Water Quality/Project Monitoring</b>					
Lake Water Quality Monitoring (Misc QA/QC)	\$10,000.00	\$0.00	\$10,000.00		4520-101
Special Project BMP Monitoring and annual report development	\$25,000.00	\$532.50	\$24,467.50		4520-101
Auto lake monitoring system for Grass Lake	\$20,000.00	\$19,916.61	\$83.39		4520-101
Auto lake monitoring system for Owasso Lake	\$20,000.00	\$10,201.60	\$9,798.40	\$780.00	4520-101
Auto lake monitoring system for Phalen Lake	\$20,000.00	\$9,090.50	\$10,909.50	\$715.00	4520-101
Auto lake monitoring system for Snail Lake	\$20,000.00	\$18,751.99	\$1,248.01		4520-101
Auto lake monitoring system for Wabasso Lake	\$20,000.00	\$14,533.52	\$5,466.48	\$1,235.00	4520-101
<b>Permit Processing, Inspection and Enforcement</b>					
Permit Application Inspection and Enforcement	\$10,000.00	\$0.00	\$10,000.00		4122-101
Permit Application Review	\$55,000.00	\$15,896.50	\$39,103.50	\$8,223.50	4124-101
<b>Lake Studies/WRPPs/TMDL Reports</b>					
2020 Grant Applications	\$20,000.00	\$133.00	\$19,867.00	\$133.00	4661-101
Tanners Flood Response Tool Model Update	\$3,000.00	\$264.00	\$2,736.00	\$264.00	4661-101
Internal load management - Sediment cores and macrophyte surveys for Wakefield, Bennett, Kohlman Lake, Round Lake (LC), Beaver Lake, Battle Creek Lake, Lake Owasso, Lake Emily, Twin Lake	\$50,000.00	\$0.00	\$50,000.00		4661-101
Wakefield Lake internal load modeling (sediment and curlyleaf)	\$30,000.00	\$0.00	\$30,000.00		4661-101
WMP Updates - Including Implementation Plan Updates	\$10,000.00		#VALUE!	\$1,020.00	4661-101
Prioritization of water quality projects from subwatershed feasibility studies	\$15,000.00	\$28.50	\$14,971.50	\$28.50	4661-101
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	\$0.00	\$12,000.00		4695-101
Kohlman Permeable Weir Test System - Implement Monitoring Plan	\$15,000.00	\$0.00	\$15,000.00		4695-101
<b>Project Operations</b>					
2020 Tanners Alum Facility Monitoring	\$15,000.00	\$98.00	\$14,902.00	\$42.00	4650-101
Beltline Outlet and Keller Channel Operations Plans	\$30,000.00	\$0.00	\$30,000.00		4650-101
<b>Capital Improvements</b>					
Target and Motel 6	\$197,000.00	\$63,142.38	\$133,857.62	\$27,875.08	4128-518
Owasso County Park Stormwater Master Plan and Detailed Design: Phase 1 and Phase 2	\$20,000.00	\$0.00	\$20,000.00		4128-518
Aldrich Arena (soils and plantings)	\$25,000.00	\$454.00	\$24,546.00	\$64.00	4128-518
Wakefield Park/Frost Avenue Stormwater Project	\$17,500.00	\$330.00	\$17,170.00	\$174.00	4128-553
Commercial Sites Retrofit Projects 2020 (Targeted Retrofits) - Target/Motel 6/Boys club	\$45,000.00	\$6,974.50	\$38,025.50	\$769.50	4128-518
School Sites Retrofit Projects 2020 (Targeted Retrofits)	\$45,000.00	\$2,270.00	\$42,730.00	\$1,462.50	4128-518
Church Sites Retrofit Projects 2020 (Targeted Retrofit)	\$45,000.00	\$3,431.00	\$41,569.00	\$1,569.50	4128-518
BMP Incentive Fund: Gen'l BMP Design Assistance and Review (cases where Dist is approached by landowner, or landowner is not commercial, school, church).	\$75,000.00	\$11,885.60	\$63,114.40	\$2,799.00	4682-529
Lowering West Vadnais Lake Outlet	\$50,000.00	\$34,048.25	\$15,951.75	\$6,957.00	4128-520
Wetland Restoration (Cottage Place or other)	\$100,000.00	\$0.00	\$100,000.00		4128-529
Keller Channel Weir & Phalen Outlet Resiliency Modifications	\$250,000.00	\$0.00	\$250,000.00		4128-520
Twin Lake Outlet Easement Acquisition, Permitting, Construction Plans	\$65,000.00	\$33,627.93	\$31,372.07	\$18,096.40	4128-520
West Vadnais Lake Emergency Overflow - Twin Lake By-Pass (permanent structures)	\$30,000.00	\$0.00	\$30,000.00		4128-520
<b>CIP Project Repair &amp; Maintenance</b>					
Routine CIP Inspection and Unplanned Maintenance Identification	\$75,000.00	\$2,221.00	\$72,779.00	\$981.00	4128-516
Beltline 5-year Inspection	\$100,000.00	\$35,086.45	\$64,913.55	\$1,814.00	4128-516
2020 CIP Maintenance and Repairs	\$150,000.00	\$12,685.10	\$137,314.90	\$6,287.60	4128-516
2021 CIP Maintenance and Repairs (planning, bidding, and project setup)	\$30,000.00	\$0.00	\$30,000.00		4128-516

TOTAL PAYABLE FOR PERIOD 2/15/20 - 3/13/20

\$94,843.08

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

**Capital Improvement Project Maintenance/Repairs 2020  
Progress Payment Number 1**

1.0	Total Completed Through This Period:	<u>\$647,700.10</u>		
2.0	Total Completed Previously Completed:		<u>\$0.00</u>	
3.0	Total Completed This Period:			<u>\$647,700.10</u>
4.0	Amount Previously Retained:		<u>\$0.00</u>	
5.0	Amount Retained This Period (See Note 1):			<u>\$32,385.01</u>
6.0	Total Amount Retained (See Note 2):		<u>\$32,385.01</u>	
7.0	Retainage Released Through This Period:			<u>\$0.00</u>
8.0	Total Retainage Remaining:		<u>\$32,385.01</u>	
9.0	Amounts Previously Paid:	<u>\$0.00</u>		
10.0	Amount Due This Estimate:			<u><u>\$615,315.09</u></u>

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

**SUBMITTED BY:**

Name: Jason Fitzgerald Date: \_\_\_\_\_  
 Title: President  
 Contractor: Fitzgerald Excavating & Trucking, Inc.

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

**RECOMMENDED BY:**

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

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

**APPROVED BY:**

Name: Marj Ebensteiner Date: \_\_\_\_\_  
 Title: President  
 Owner: Ramsey-Washington Metro Watershed District

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

**Capital Improvement Project Maintenance/Repairs 2020**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through March 17, 2020 for Progress Payment Number 1**

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
<b>General</b>											
1.04.A	Mobilization/Demobilization	L.S.	1	65,000.00	65,000.00	0.8	\$53,950.00	0.0	\$0.00	0.8	\$53,950.00
1.04.B	Control of Water	L.S.	1	10,000.00	10,000.00	0.8	\$8,300.00	0.0	\$0.00	0.8	\$8,300.00
1.04.C	Traffic Control	L.S.	1	15,000.00	15,000.00	0.8	\$12,450.00	0.0	\$0.00	0.8	\$12,450.00
<b>Site 1 – Tamarack Swamp, Woodbury (PFS Basins Cleaning/Sweeping &amp; Barrier Wall Repair)</b>											
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	60	2.00	120.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	100	28.00	2,800.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.H	Paver Sweeping (1,400 S.Y.)	S.Y.	1,400	3.00	4,200.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.I	Remove Existing 1 ½" to 2" Filter Rock from Existing Rock Filter	L.S.	1	3,000.00	3,000.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.J	Clear Washed Filter Rock	TON	10	60.00	600.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.K	Replace Timber (12' X 6" X 2")	EACH	30	90.00	2,700.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	100	4.00	400.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Site 2 – 5th Street Wetland, Oakdale (Wetland Weir Maintenance)</b>											
1.04.L	Permeable Weir Maintenance (Reopening Drainage Slots and Remove all Brush and Debris)	L.F.	65	30.00	1,950.00	65	\$1,950.00	0	\$0.00	65	\$1,950.00
1.04.F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	210	4.00	840.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Site 3 – Tanners Wetland, Oakdale (Wetland Weir Maintenance &amp; Timber Replacement)</b>											
1.04.L	Permeable Weir Maintenance (Reopening Drainage Slots and Remove all Brush and Debris)	L.F.	580	30.00	17,400.00	580	\$17,400.00	0	\$0.00	580	\$17,400.00
1.04.K	Replace Timbers (1 – 4" X 4" and 1 – 12" X 12")	EACH	2	90.00	180.00	2	\$180.00	0	\$0.00	2	\$180.00
1.04.F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	210	4.00	840.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Site 4 – Gervais Mill Park, Little Canada (Mill Pond Filter Maintenance)</b>											
1.04.N	Install Flotation Silt Curtain	L.F.	45	25.00	1,125.00	45	\$1,125.00	0	\$0.00	45	\$1,125.00
1.04.I	Remove Existing 1 ½" to 2" Filter Rock from Existing Rock Filter	L.S.	1	8,000.00	8,000.00	1	\$8,000.00	0	\$0.00	1	\$8,000.00
1.04.J	Clear Washed Filter Rock	TON	50	60.00	3,000.00	50	\$3,000.00	0	\$0.00	50	\$3,000.00
1.04.F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	400	4.00	1,600.00	390	\$1,560.00	0	\$0.00	390	\$1,560.00
<b>Site 5 – Lower Afton Road, Maplewood (Drainageway Sediment Removal)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.P	Temporary Rock Filter Dike	TON	10	60.00	600.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	140	38.00	5,320.00	69	\$2,622.00	0	\$0.00	69	\$2,622.00
1.04.F	Site Restoration (Seeding and Erosion Control Blanket)	S.Y.	210	4.00	840.00	300	\$1,200.00	0	\$0.00	300	\$1,200.00

**Capital Improvement Project Maintenance/Repairs 2020**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through March 17, 2020 for Progress Payment Number 1**

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
<b>Site 6 – West Vadnais Lake, Vadnais Heights (Erosion Repair)</b>											
1.04.O	Construction Entrance	EACH	2	2,000.00	4,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.Q	Composite Mud Mats Protection (Double Layer)	SY	1,120	18.00	20,160.00	1,120	\$20,160.00	0	\$0.00	1120	\$20,160.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	900	4.00	3,600.00	800	\$3,200.00	0	\$0.00	800	\$3,200.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	40,000.00	40,000.00	1	\$40,000.00	0	\$0.00	1	\$40,000.00
1.04.S	Erosion Repair	L.F.	300	20.00	6,000.00	300	\$6,000.00	0	\$0.00	300	\$6,000.00
1.04.T	MN/DOT Common Borrow	C.Y.	100	12.00	1,200.00	100	\$1,200.00	0	\$0.00	100	\$1,200.00
1.04.U	Topsoil Borrow	C.Y.	60	12.00	720.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.F	Site and Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	4,000	2.95	11,800.00	3,898	\$11,499.10	0	\$0.00	3,898	\$11,499.10
<b>Site 7 – Casey Lake, North St. Paul (Sediment Removal)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.M	Silt Fence	L.F.	75	2.00	150.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.N	Flotation Silt Curtain	L.F.	300	25.00	7,500.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	250	2.00	500.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	2	100.00	200.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	4,000.00	4,000.00	1	\$4,000.00	0	\$0.00	1	\$4,000.00
1.04.W	Boat Ramp	L.S.	1	12,000.00	12,000.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	600	38.00	22,800.00	643	\$24,434.00	0	\$0.00	643	\$24,434.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	14	60.00	840.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.F	Site and Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	200	4.00	800.00	0	\$0.00	0	\$0.00	0	\$0.00
<b>Site 8 – McKnight Ponds, Maplewood (Pond Cleanout)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	150	2.00	300.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	4	100.00	400.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.D	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (Unregulated MPCA SRV Level 1 Material) (P)	C.Y.	640	28.00	17,920.00	640	\$17,920.00	0	\$0.00	640	\$17,920.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	5,600	29.00	162,400.00	5,820	\$168,780.00	0	\$0.00	5,820	\$168,780.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	28	60.00	1,680.00	28	\$1,680.00	0	\$0.00	28	\$1,680.00
1.04.F	Site Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	200	4.00	800.00	200	\$800.00	0	\$0.00	200	\$800.00
<b>Site 9 – Maryland Pond, Maplewood (Pond Cleanout)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	250	2.00	500.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	2	100.00	200.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	3,500.00	3,500.00	1	\$3,500.00	0	\$0.00	1	\$3,500.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	3,500	32.00	112,000.00	3,550	\$113,600.00	0	\$0.00	3,550	\$113,600.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	14	60.00	840.00	14	\$840.00	0	\$0.00	14	\$840.00
1.04.F	Site Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	300	4.00	1,200.00	564	\$2,256.00	0	\$0.00	564	\$2,256.00

**Capital Improvement Project Maintenance/Repairs 2020**  
**Ramsey-Washington Metro Watershed District**  
**Summary of Work Completed Through March 17, 2020 for Progress Payment Number 1**

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
<b>Site 10 – Tudor Pond, Shoreview (Pond Cleanout)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	200	2.00	400.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	3	100.00	300.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	4,000.00	4,000.00	1	\$4,000.00	0	\$0.00	1	\$4,000.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	680	38.00	25,840.00	722	\$27,436.00	0	\$0.00	722	\$27,436.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	14	60.00	840.00	14	\$840.00	0	\$0.00	14	\$840.00
1.04.F	Site Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	300	4.00	1,200.00	325	\$1,300.00	0	\$0.00	325	\$1,300.00
<b>Site 11 – Reiland Pond, Shoreview (Pond Cleanout)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	150	2.00	300.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	4	100.00	400.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	1,240	38.00	47,120.00	1,544	\$58,672.00	0	\$0.00	1,544	\$58,672.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	14	60.00	840.00	14	\$840.00	0	\$0.00	14	\$840.00
1.04.F	Site Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	300	4.00	1,200.00	851	\$3,404.00	0	\$0.00	851	\$3,404.00
<b>Site 12 – Sextant Pond, Little Canada (Pond Cleanout)</b>											
1.04.O	Construction Entrance	EACH	1	2,000.00	2,000.00	1	\$2,000.00	0	\$0.00	1	\$2,000.00
1.04.G	Sediment Log (6-Inch Diameter)	L.F.	150	2.00	300.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.V	Inlet Protection	EACH	4	100.00	400.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.R	Removal of Trees, Brush, and Debris (Disposal Off Site)	L.S.	1	2,000.00	2,000.00	0	\$0.00	0	\$0.00	0	\$0.00
1.04.E	Sediment/Muck Cleanout Excavation, Loading, Hauling and Disposal of (MPCA SRV Levels 2 & 3 Material)	TON	80	38.00	3,040.00	119	\$4,522.00	0	\$0.00	119	\$4,522.00
1.04.X	MN/DOT Class III Riprap with Type IV Geotextile Filter Fabric	TON	14	60.00	840.00	14	\$840.00	0	\$0.00	14	\$840.00
1.04.F	Site Access Restoration (Seeding and Erosion Control Blanket)	S.Y.	300	4.00	1,200.00	60	\$240.00	0	\$0.00	60	\$240.00

**Total of Extensions =           \$689,745.00                   \$647,700.10                   \$0.00                   \$647,700.10**

<b>PAYMENT STATUS LEVEL</b>	<b>COMPLETE</b>	<input type="checkbox"/>
	<b>PARTIAL</b>	<input type="checkbox"/>
	<b>NOT USED</b>	<input type="checkbox"/>



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  
March 18, 2020  
File No: 9M

	Balance
General Account	\$2,772.00
Target Soil Boring Contract Review	\$550.00
	<u>\$3,322.00</u>

\* \* \* \* \*

# Permit Program

\* \* \* \* \*

# Permit Application Coversheet

Date April 01, 2020

Project Name Central Park Pathway Maintenance Project Number 20-14

Applicant Name Ryan Johnson, City of Roseville

Type of Development Trail

## Property Description

This project is located in Central Park west of Dale Street in the City of Roseville. The applicant is proposing to maintain existing pathways in the park by using a combination of overlay, mill and overlay, and reclaim methods. The total site area is 0.3 acre. Work is proposed below the 100-year floodplain elevation of an onsite wetland, thus triggering District Rules D and F. Compensatory storage is being provided such that there is no net loss of floodplain storage. The applicant is coordinating with the DNR for additional permitting since the wetland is considered a regulated Public Water.

## Watershed District Policies or Standards Involved:

- Wetlands*
- Erosion and Sediment Control*
- Stormwater Management*
- Floodplain*

## Water Quantity Considerations

The proposed grading plan is sufficient to prevent adverse impacts to the floodplain.

## 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.

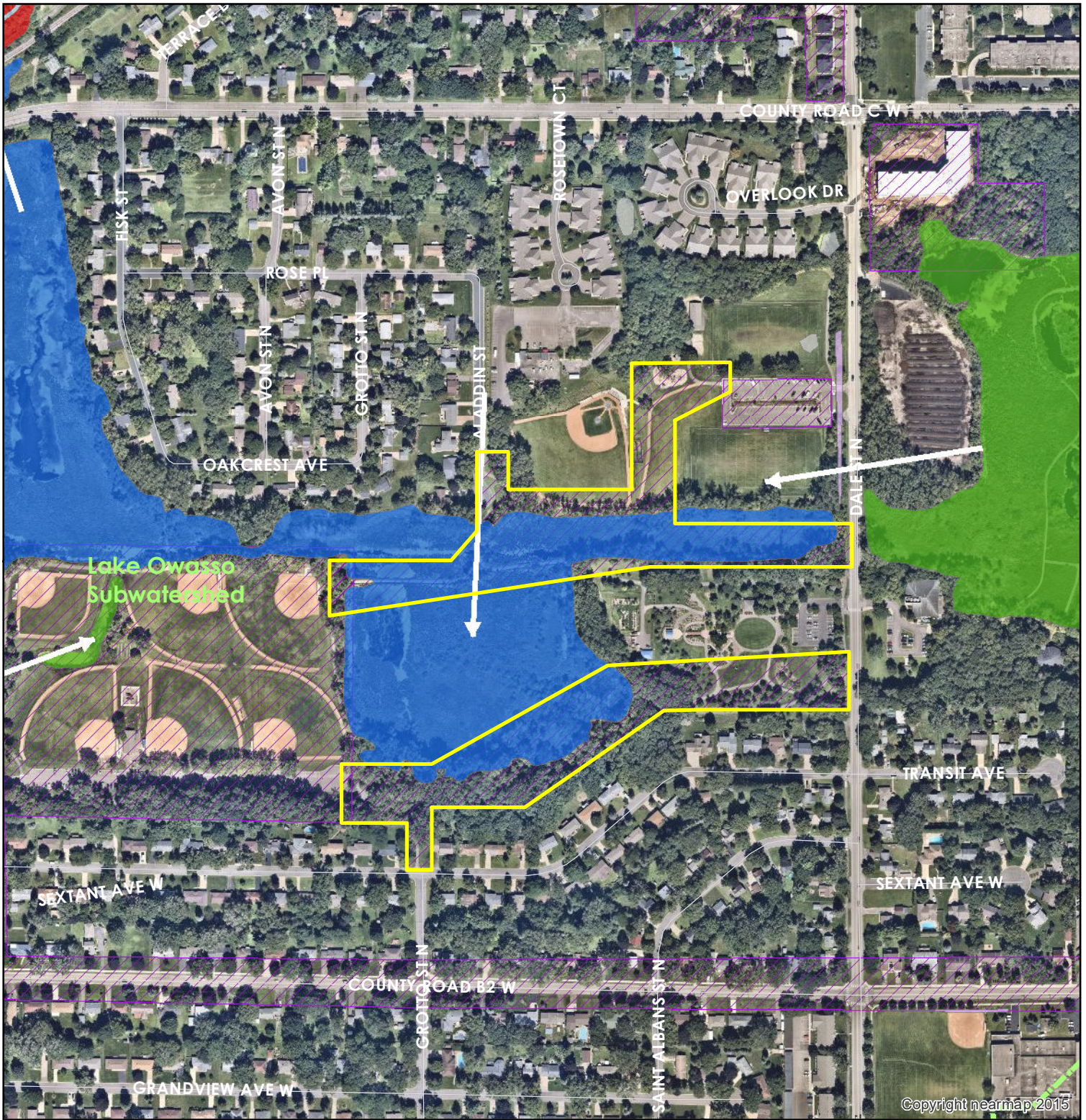
## Staff Recommendation

Staff recommends approval of this permit with the special provisions.

## Attachments:

- Project Location Map
- Project Grading Plan

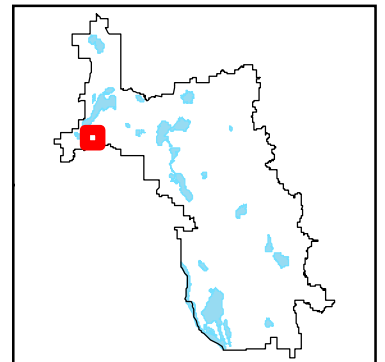
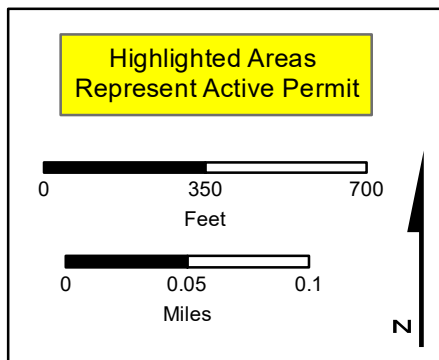
# #20-14 Central Park Pathway Maintenance



**Wetlands**

Red	Manage A
Green	Manage B
Blue	Manage C
Light Blue	Lake
Grey	Sediment Pond
Purple	Not Assessed

Black outline	RWMWD Boundary
White arrow	Flow Arrows
Green arrow	Major Flow Arrows
Green dashed line	Subwatersheds
Blue line	Creeks
Purple hatched	Permits

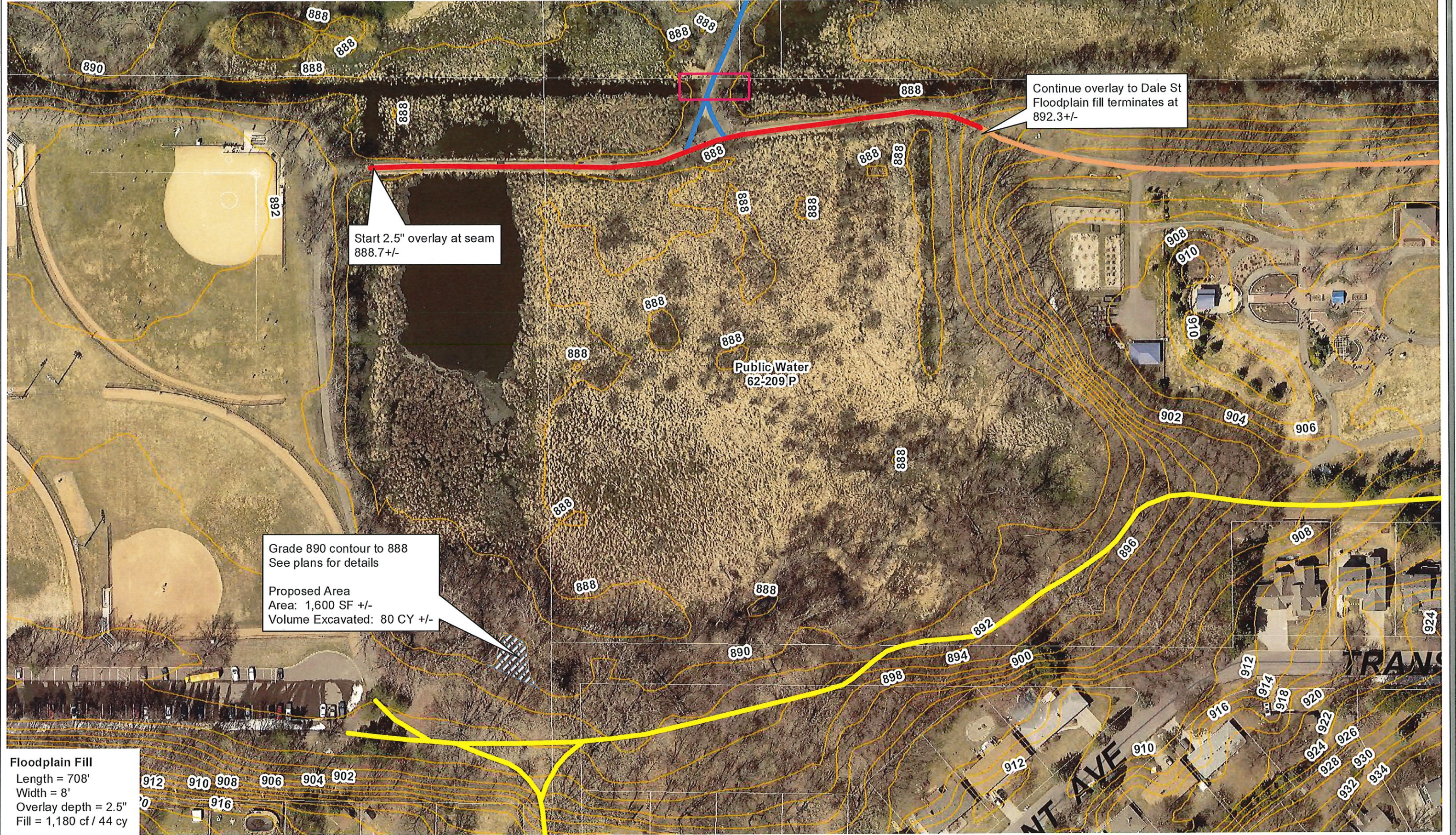


Copyright nearmap 2015

20-14

### Special Provisions

1. The applicant shall submit details for proposed bioroll and construction entrances.
2. The applicant shall submit the final set of signed construction plans.



Start 2.5" overlay at seam  
888.7 +/-

Continue overlay to Dale St  
Floodplain fill terminates at  
892.3 +/-

Grade 890 contour to 888  
See plans for details

Proposed Area  
Area: 1,600 SF +/-  
Volume Excavated: 80 CY +/-

**Floodplain Fill**  
Length = 708'  
Width = 8'  
Overlay depth = 2.5"  
Fill = 1,180 cf / 44 cy

**Attachment B:  
Central Park  
Floodplain Fill**

- Maintenance Activity**
- Aglime to Bituminous (9,253 SF)
  - Mill and Overlay (1,158 SF)
  - Overlay (2.5") existing Bituminous (12,528 SF)
  - Reclaim (17,315 SF)

- Remove existing 18" pipe & replace with dual 15s
- Floodplain Fill
- Floodplain Mitigation Area

Data Sources and Contacts:  
\* Ramsey County GIS Base Map (11/2/15)  
\* City of Roseville Engineering Department  
For further information regarding the contents of this map contact  
City of Roseville, Engineering Department,  
2660 Civic Center Drive, Roseville MN

DISCLAIMER  
This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown and is to be used for reference purposes only. The City does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and the City does not represent that the GIS Data can be used for navigational, tracking or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. If errors or discrepancies are found, please contact 651-792-0915. The preceding disclaimer is provided pursuant to Minnesota Statutes § 269.03, Subd. 21 (2000), and the user of this map acknowledges that the City shall not be liable for any damages, and expressly waives all claims, and agrees to defend, indemnify, and hold harmless the City from any and all claims brought by User, its employees or agents, or third parties which arise out of the user's access or use of data provided.

# Permit Application Coversheet

Date April 01, 2020

Project Name Spoon Lake Boat Launch Reconstruction Project Number 20-15

Applicant Name Ben Karp, Ramsey County Parks & Recreation

Type of Development Park/Green Space

## Property Description

This project is located on the west side of Spoon Lake in the City of Maplewood. The applicant is proposing to reconstruct the existing boat launch and stabilize adjacent erosion-prone areas with riprap and a limestone block wall. The total site area is 0.14 acre. Work is proposed below the 100-year floodplain elevation of Spoon Lake, thus triggering District Rules D and F. Compensatory storage is being provided such that there is no net loss of floodplain storage. The applicant is coordinating with the DNR for additional permitting.

## Watershed District Policies or Standards Involved:

- |   |   |
|---|---|
| <input 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 prevent adverse impacts to the floodplain.

## 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.

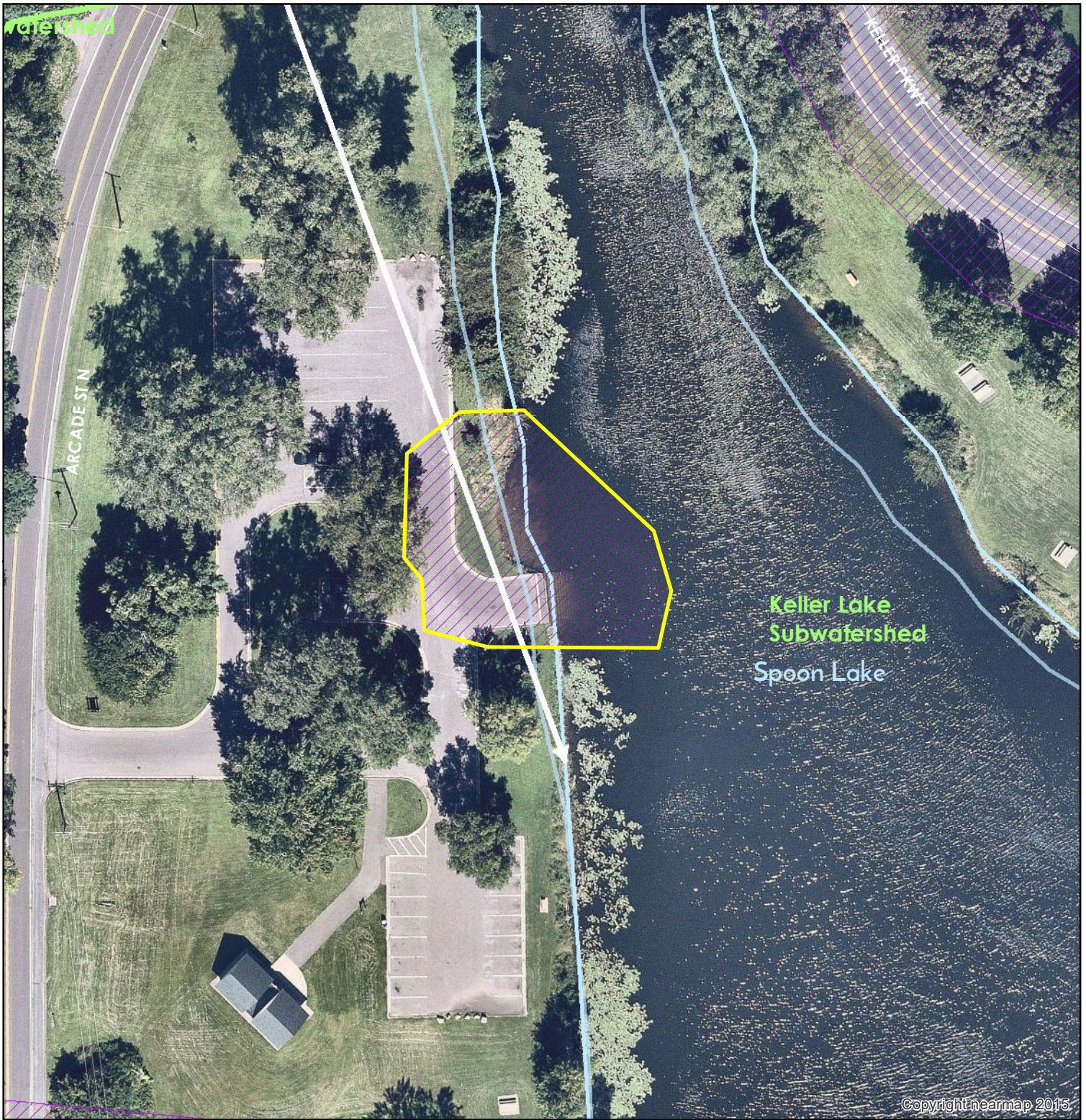
## Staff Recommendation

Staff recommends approval of this permit with the special provision.

## Attachments:

- Project Location Map
- Project Grading Plan

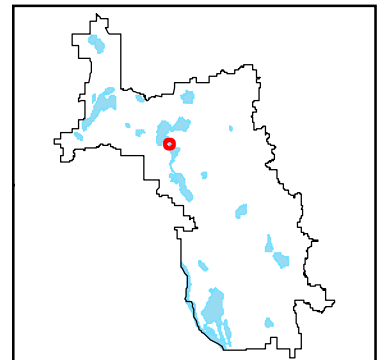
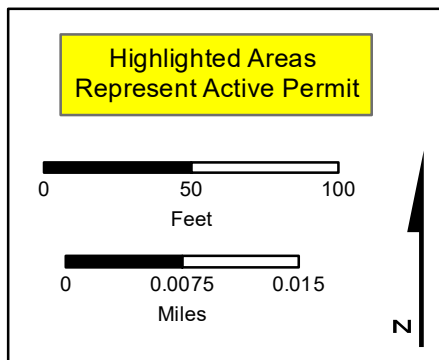
# #20-15 Spoon Lake Boat Launch Reconstruction



**Wetlands**

<span style="color: red;">■</span>	Manage A
<span style="color: green;">■</span>	Manage B
<span style="color: blue;">■</span>	Manage C
<span style="color: lightblue;">■</span>	Lake
<span style="color: gray;">■</span>	Sediment Pond
<span style="color: purple;">■</span>	Not Assessed

	RWMWD Boundary
	Flow Arrows
	Major Flow Arrows
	Subwatersheds
	Creeks
	Permits





20-15

### Special Provisions

1. The applicant shall submit the final set of signed construction plans.

CONTACT INFORMATION:  
651-748-2500  
651-748-2500  
651-748-2500

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 Landscape Architect under the laws of the State of Minnesota.

Registration: Landscape Architect  
State: Minnesota  
Number: 42344  
Signature: B. Gus Blumens

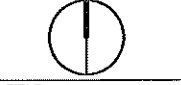
NO.	DATE	DESCRIPTION
1	3-11-20	REVIEW DOCUMENTS

**REVIEW DOCUMENTS**

**KELLER REGIONAL PARK  
SPOON LAKE BOAT RAMP RECONSTRUCTION PROJECT  
RAMSEY COUNTY PARKS AND RECREATION DEPARTMENT  
BATTLE CREEK REGIONAL PARK**

DATE: MARCH, 2020

DESIGNED BY: BGS/BKK  
DRAWN BY: BGS/BKK  
CHECKED BY: BGS



TITLE  
**GRADING PLAN**

**RW 4.0**

SHEET 6 OF 23

**GENERAL SITE PLAN NOTES:**

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC CONDITIONS PRIOR TO CONSTRUCTION START. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS. ANY DISCREPANCIES FOUND THAT AFFECT THE WORK SHALL BE REPORTED TO THE OWNER OR OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO ANY ADDITIONAL WORK BEING COMPLETED.

CONTRACTOR SHALL CONTACT "GOPHER STATE ONE CALL" FOR ALL UTILITY LOCATIONS (651-454-0002) 48 HR. PRIOR TO EXCAVATION/CONSTRUCTION.

CONTRACTOR TO VERIFY HORIZONTAL LOCATION AND ELEVATION WHERE A CONNECTION TO EXISTING PAVEMENT, STRUCTURE OR SITE FEATURE IS TO BE MADE.

CONTRACTOR TO WORK OUT OF TREE DRIP ZONE EXCEPT IN AREAS DESIGNATED BY LANDSCAPE ARCHITECT.

CRITICAL LAYOUT DIMENSIONS: THE OWNER OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE THE PROJECT LAYOUT TO AVOID UNFORESEEN CONSTRAINTS SUCH AS MATURE TREES, UNFORESEEN SOIL CONSTRAINTS, ETC. THESE ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES, TREES, SITE AMENITIES, ETC. FROM DAMAGE DURING CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE (AT CONTRACTORS EXPENSE), THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOCATES. LOCATES SHALL BE MARKED IN THE FIELD FOR REVIEW BY THE OWNER OR OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL STAY WITHIN CONSTRUCTION LIMITS UNLESS APPROVED OTHERWISE BY THE OWNER OR OWNERS REPRESENTATIVE. THE WORK ZONE SHALL BE KEPT AS MINIMAL AS POSSIBLE DURING CONSTRUCTION. MOVEMENT AND PARKING OF EQUIPMENT SHALL STAY WITHIN WORK ZONE AND NOT CROSS AREAS OTHERWISE UNDISTURBED DURING EARTHWORK OPERATION.

CONTRACTOR BASE BID SHALL ASSUME TREES TO BE REMOVED BY RAMSEY COUNTY PRIOR TO CONSTRUCTION. CLEARING, GRUBBING, AND STUMP REMOVAL IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE DISPOSED OF OFF SITE. TREES UNDER 6" DIA. SHALL BE INCIDENTAL TO THE GRADING.

**LAYOUT NOTES:** BITUMINOUS TRAIL, CONCRETE CURBS, AND CONSTRUCTION LIMITS SHALL BE FIELD STAKED BY CONTRACTOR. CONTRACTOR WILL NEED APPROVAL BY RAMSEY COUNTY LANDSCAPE ARCHITECT PRIOR TO COMMENCING CONSTRUCTION. CONTRACT ITEMS LAID OUT AND INSTALLED INCORRECTLY WITHOUT PRIOR REVIEW BY RAMSEY COUNTY REPRESENTATIVE WILL BE REMOVED AND REINSTALLED AT CONTRACTORS OWN EXPENSE.

**SPOT GRADES & DRAINAGE REQUIREMENTS:** ALL SPOT ELEVATIONS REPRESENT FINISHED SURFACE GRADE UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL REVIEW GRADING WITH THE LA-ENG. PRIOR TO EARTHWORK TO ENSURE PROPER DRAINAGE. THE INTENT OF ALL PROPOSED SPOT GRADES AND GRADING IS TO MATCH EXISTING GRADES ADJACENT TO NEW CONSTRUCTION TO ENSURE PROPER DRAINAGE AND BLENDING OF NEW GRADES WITH EXISTING ONES. MAX. SLOPES SHALL NOT BE GREATER THAN 4:1 UNLESS OTHERWISE NOTED ON THE PLAN.

**SUB CUT REQUIREMENTS:** GRADES AS SHOWN ARE TO FINISH GRADE. CONTRACTOR SHALL SUB CUT IN ACCORDANCE WITH PAVEMENT SECTIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEYING RELATING TO LAYOUT & SITE GRADING. THE CONTRACTOR SHALL FIELD VERIFY ALL GRADES WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES OR VARIATION FROM PLAN.

**TOPSOIL STRIPPING, STOCKPILING AND RE-SPREADING REQUIREMENTS:** TOPSOIL SHALL BE STRIPPED FROM ALL DISTURBED AREAS FROM COMMON EXCAVATION AND SHALL BE SALVAGED AND STOCKPILED. THE LANDSCAPE ARCHITECT SHALL DETERMINE PLACEMENT OF THE STOCKPILE PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL STRIP, STOCKPILE & RE-SPREAD SUFFICIENT TOPSOIL TO PROVIDE A MINIMUM 4 INCH DEPTH (COMPACTED) TO ALL DISTURBED AREAS TO BE SEED, UNLESS OTHERWISE NOTED. ALL DISTURBED AREAS TO RECEIVE SEED/TURF ESTABLISHMENT AND ADD SOIL AMENDMENTS FOR OPTIMUM PLANT GROWTH. TOPSOIL SHALL BE IN A RELATIVELY DRY STATE WHEN PLACED. FINE GRADE TOPSOIL TO ELIMINATE ROUGH OR LOW SPOTS. MANUALLY SPREAD TOPSOIL CLOSE TO TREES, PLANTS, AND PAVEMENT TO PREVENT DAMAGE.

EXCESS STOCKPILE MATERIAL THAT IS NOT SUITABLE FOR REUSE SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL STOCKPILE AREAS AFTER MATERIAL IS REMOVED.

IMPORTED TOPSOIL SHALL BE PLACED IN AREAS WITH INADEQUATE TOPSOIL AS DETERMINED IN THE FIELD BY OWNER'S REPRESENTATIVE. CLEAN TOPSOIL IMPORT SHALL CONFORM TO MNDOT 3877 TYPE A REQUIREMENTS

**SILT AND TREE PROTECTIVE FENCE:** CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SILT FENCE PER PLAN PRIOR TO CONSTRUCTION. SILT FENCE LOCATIONS SHALL BE REVIEWED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL STORM DRAIN INLETS

CONTRACTOR SHALL ERECT AND MAINTAIN PROTECTIVE FENCING FOR EXISTING TREES THAT ARE TO REMAIN AND THAT ARE NEAR THE CONSTRUCTION ZONE. OWNER WILL WALK THE SITE WITH THE CONTRACTOR PRIOR TO ROUGH GRADING TO IDENTIFY TREES TO BE PROTECTED TREE PROTECTION INCLUDING PROTECTIVE FENCING SHALL BE CONSIDERED INCIDENTAL TO THE GRADING WORK AND SHOULD BE INCLUDED IN THE CONTRACTORS BID PRICE FOR THAT WORK REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**OTHER NOTES**  
N.I.C. = NOT IN CONTRACT

**CONSTRUCTION PHASING**  
THE CONTRACTOR SHALL ATTEND A PRE CONSTRUCTION MEETING TO BE HELD ON SITE AND SUBMIT A CONSTRUCTION PHASING PLAN PRIOR TO THE START OF THE CONSTRUCTION FOR APPROVAL BY THE OWNER.

**SITE LAYOUT**  
CADD FILE WILL BE MADE AVAILABLE FOR LAYOUT AND CONSTRUCTION PHASING.

- LEGEND**
- CONSTRUCTION LIMITS
  - FLOATING SILT CURTAIN
  - BIOLOG
  - 100 YEAR FLOOD: 861.8
  - OHW: 860.3
  - EDGE OF WATER 11/25/2019: 858.6
  - TW: TOP OF WALL
  - BW: BOTTOM OF WALL, MEASUREMENT GIVEN WHERE GRADE MEETS WALL

**MATERIAL REQUIRED FOR BOAT LAUNCH (CY FILL)**

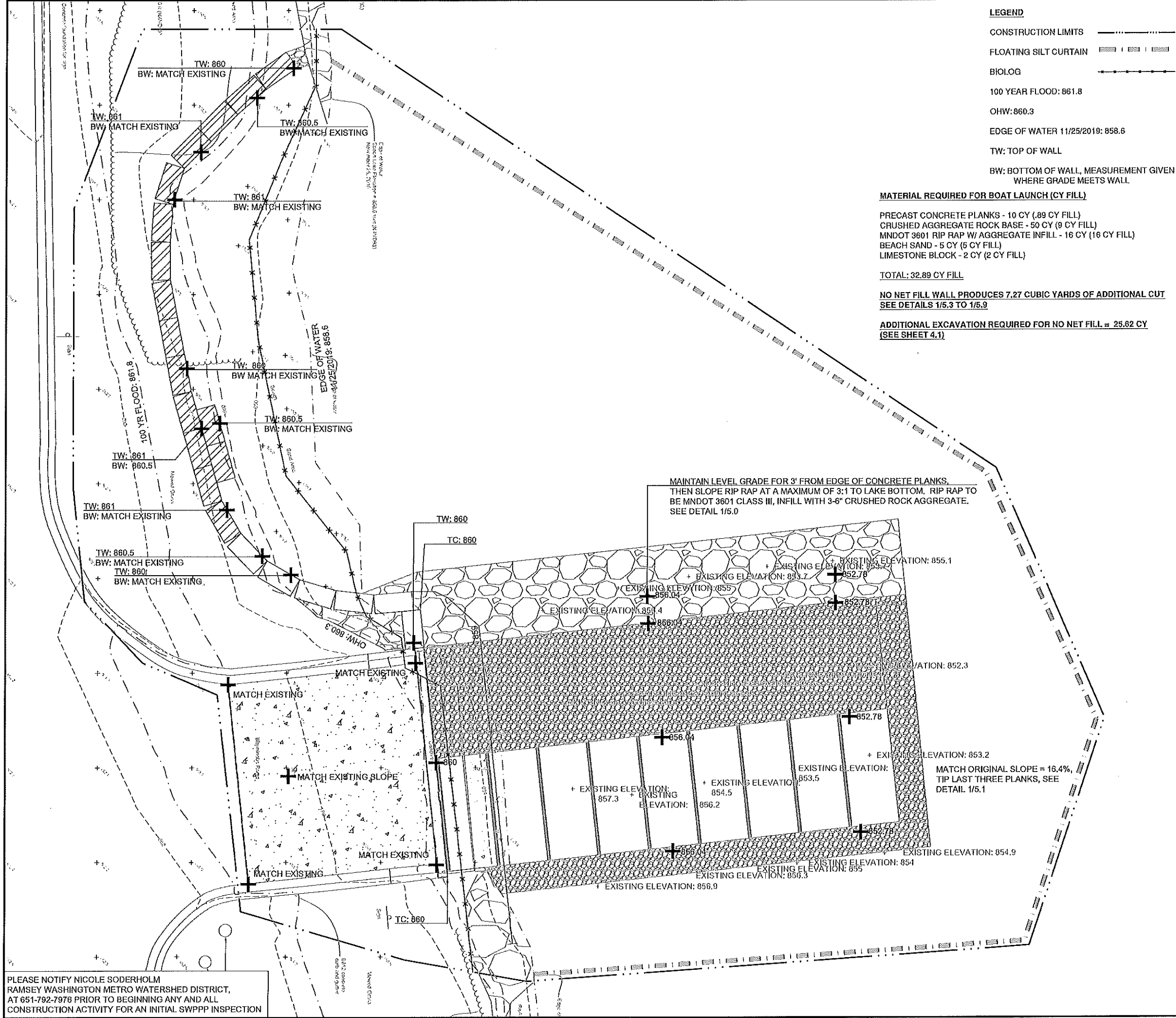
- PRECAST CONCRETE PLANKS - 10 CY (.89 CY FILL)
- CRUSHED AGGREGATE ROCK BASE - 50 CY (9 CY FILL)
- MNDOT 3801 RIP RAP W/ AGGREGATE INFILL - 16 CY (16 CY FILL)
- BEACH SAND - 5 CY (5 CY FILL)
- LIMESTONE BLOCK - 2 CY (2 CY FILL)

TOTAL: 32.89 CY FILL

NO NET FILL WALL PRODUCES 7.27 CUBIC YARDS OF ADDITIONAL CUT  
SEE DETAILS 1/5.3 TO 1/5.9

ADDITIONAL EXCAVATION REQUIRED FOR NO NET FILL = 25.62 CY  
(SEE SHEET 4.1)

MAINTAIN LEVEL GRADE FOR 3' FROM EDGE OF CONCRETE PLANKS. THEN SLOPE RIP RAP AT A MAXIMUM OF 3:1 TO LAKE BOTTOM. RIP RAP TO BE MNDOT 3801 CLASS III, INFILL WITH 3-6" CRUSHED ROCK AGGREGATE. SEE DETAIL 1/5.0



PLEASE NOTIFY NICOLE SODERHOLM  
RAMSEY WASHINGTON METRO WATERSHED DISTRICT,  
AT 651-792-7976 PRIOR TO BEGINNING ANY AND ALL  
CONSTRUCTION ACTIVITY FOR AN INITIAL SWPPP INSPECTION



# Permit Application Coversheet

Date April 01, 2020

Project Name Mondello Shores Project Number 20-16

Applicant Name Frank Frattalone,

Type of Development Residential

## Property Description

This project is located west of Centerville Road at Vadnais Road in the City of Vadnais Heights. The applicant is proposing to construct a residential development with roadways, driveways, and associated utilities. A filtration basin and three wet ponds are proposed to meet stormwater treatment requirements. Filtration is being proposed due to poor soils. Work is proposed below the 100-year floodplain elevation of an onsite wetland. Compensatory storage is being provided such that there is no net loss of floodplain storage. A wetland delineation of the site was approved on 10/31/19 (#19-19 WCA). The applicant is proposing to fill Wetland B and expand Wetland A, resulting in no net loss of wetland area onsite. The applicant has submitted a wetland replacement plan to satisfy Wetland Conservation Act (WCA) mitigation through the purchase of banked credits (#20-03 WCA). In order to accommodate site grading and the removal of dead trees and cattails, the applicant has submitted a variance request for work within the wetland buffer. A native buffer will be restored along the wetland boundary and wetland expansion area.

## Watershed District Policies or Standards Involved:

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

## Water Quantity Considerations

The proposed stormwater management plan is sufficient to handle the runoff from the site.

## Water Quality Considerations

### *Short Term*

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

### *Long Term*

The proposed stormwater management plan is sufficient to protect the long term quality of downstream water resources.

## Staff Recommendation

Staff recommends approval of the permit with the special provisions, variance request (Rule E), and wetland replacement plan (#20-03 WCA).

## Attachments:

- Project Location Map
- Project Grading Plan

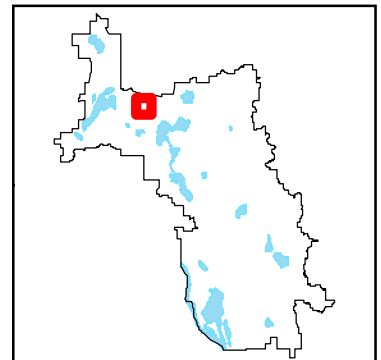
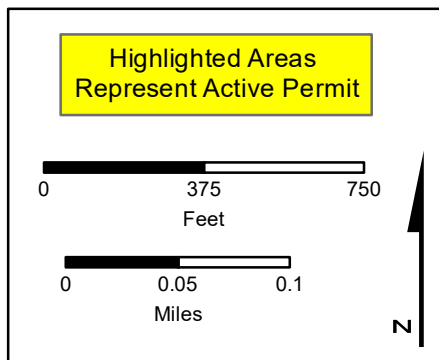
# #20-16 Mondello Shores



**Wetlands**

<span style="color: red;">■</span>	Manage A
<span style="color: green;">■</span>	Manage B
<span style="color: blue;">■</span>	Manage C
<span style="color: lightblue;">■</span>	Lake
<span style="background-color: gray;">■</span>	Sediment Pond
<span style="background-color: purple;">■</span>	Not Assessed

<span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	RWMWD Boundary
<span style="color: white;">→</span>	Flow Arrows
<span style="color: green;">→</span>	Major Flow Arrows
<span style="border-bottom: 1px dashed green; width: 20px; display: inline-block;"></span>	Subwatersheds
<span style="color: blue; font-size: 2px;">—</span>	Creeks
<span style="background-color: purple; border: 1px solid purple; width: 20px; height: 10px;"></span>	Permits
<span style="border: 1px dashed black; width: 20px; height: 10px;"></span>	City Boundaries








Copyright nearmap 2015

### Special Provisions

1. Approval of this permit is contingent upon construction of a permanent outlet to the MnDOT drainage system. The proposed development may not increase impervious surface or begin grading activities that increase the runoff volume from the site until after a permanent outlet to the MnDOT drainage system has been constructed.
2. The applicant shall submit the escrow fee of \$113,000.
3. The applicant shall revise the erosion control plan to show redundant perimeter control on the south side of Wetland A.
4. The applicant shall submit the Stormwater Pollution Prevention Plan (SWPPP).
5. The applicant shall submit contact information for the trained erosion control coordinator responsible for implementing the SWPPP.
6. The applicant shall submit the final set of signed construction plans.
7. The applicant shall submit a signed maintenance agreement for the proposed stormwater treatment facilities.
8. The applicant shall submit a draft, site-specific Best Management Practices (BMP) Operations & Maintenance Plan for the proposed stormwater treatment facilities. A final, as-built O&M Plan will be required prior to permit closure.
9. The applicant shall submit verification of the Minnesota Pollution Control Agency's NPDES Construction Permit coverage for the project.

**WETLAND LEGEND**

-  PROPOSED WETLAND BUFFER AREA
-  DELINEATED WETLAND EDGE
-  PROPOSED EDGE OF WETLAND
-  PROPOSED NORMAL WATER LEVEL
-  WETLAND BUFFER MONUMENT. SEE DETAIL 1/C300

**WETLAND BUFFER NOTES**

REQUIRED BUFFER AREA BASED ON  
MANAGE C WETLAND CLASSIFICATION  
(25' AVERAGE BUFFER WIDTH) = 27,088 SF

PROPOSED BUFFER AREA = 30,536 SF

**WETLAND BUFFER MONUMENT DETAIL**  
C400  
NOT TO SCALE

**WETLAND BUFFER**  
NO MOWING ALLOWED  
PER CITY ORDINANCE

**SPECIFICATIONS:**

**MONUMENT**  
CORNER OF A POLE AND A WETLAND BUFFER MONUMENT

**WETLAND BUFFER MONUMENT**  
WETLAND BUFFER MONUMENT SHALL BE 4" X 4" TREATED POST  
PLACED AT THE CORNER OF A POLE AND A WETLAND BUFFER MONUMENT  
WETLAND BUFFER MONUMENT SHALL BE 4" X 4" TREATED POST  
PLACED AT THE CORNER OF A POLE AND A WETLAND BUFFER MONUMENT

**POINT MATERIALS**  
4" X 4" TREATED POST  
TREATED WOOD OR OTHER CITY APPROVED MATERIAL

**COLOR**  
COLOR IS TO BE GREEN LETTERS ON WHITE BACKGROUND

**POINT INSTALLATION**  
MONUMENT TO A HEIGHT OF FOUR FEET ABOVE GROUND  
TOP OF MONUMENT TO BE AT LEAST 4" ABOVE FINISHED GROUND  
MONUMENT TO BE PLACED AT THE CORNER OF A POLE AND A WETLAND BUFFER MONUMENT  
WETLAND BUFFER MONUMENT SHALL BE 4" X 4" TREATED POST  
PLACED AT THE CORNER OF A POLE AND A WETLAND BUFFER MONUMENT








**WETLAND**  
PLEASE EXERCISE CARE TO FOLLOW BUFFER CONTOUR LINE

TWIN LAKE

**WETLAND B**  
RAMSEY-WASHINGTON METRO WATERSHED DISTRICT  
FLOODPLAIN ELEVATION (100-YEAR) = 831.10  
NORMAL WATER ELEVATION = 872.5'  
WETLAND DELINEATION PERFORMED BY  
BOPRAY ENVIRONMENTAL SERVICES, LLC.  
APPROVED NOVEMBER 2019  
(2,688 SF WETLAND FILL)

**WETLAND A**  
RAMSEY-WASHINGTON METRO WATERSHED DISTRICT  
FLOODPLAIN ELEVATION (100-YEAR) = 881.10  
NORMAL WATER ELEVATION = 872.5'  
WETLAND DELINEATION PERFORMED BY  
BOPRAY ENVIRONMENTAL SERVICES, LLC.  
APPROVED NOVEMBER 2019

**SYMBOL LEGEND**

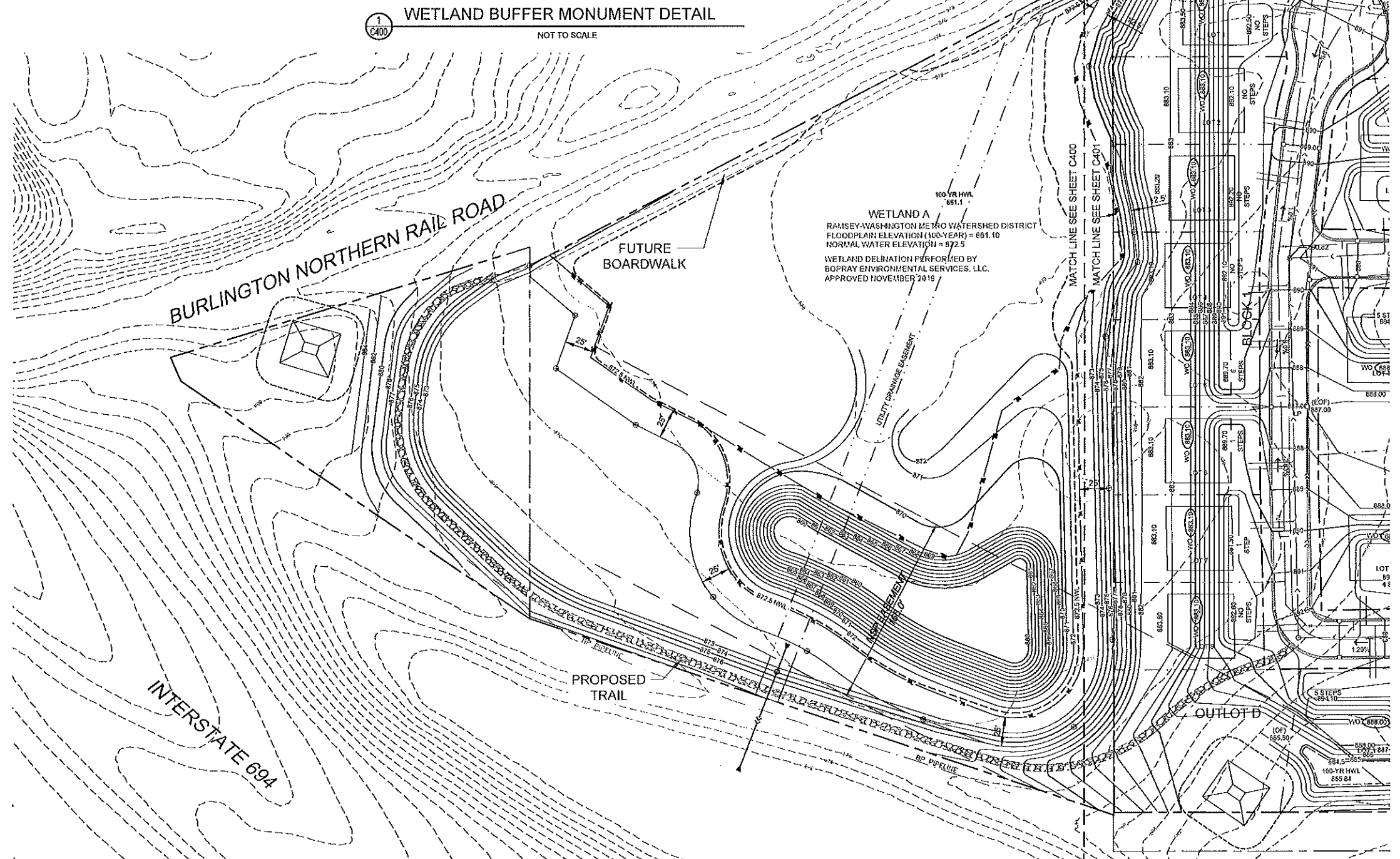
-  950 EXISTING CONTOURS - MAJOR INTERVAL
  -  950 PROPOSED CONTOURS - MAJOR INTERVAL
  -  949 PROPOSED CONTOURS - MINOR INTERVAL
  -  GRADE BREAK LINE
  -  2.0% GRADE SLOPE
  -  950.00 TC
  -  949.50 GL
- SPOT ABBREVIATIONS:**  
TC - TOP OF CURB  
GL - GUTTER LINE  
B - BITUMINOUS  
C - CONCRETE  
EO - EMERGENCY OVERFLOW  
TW - TOP OF WALL  
BW - BOTTOM OF WALL (F/G)  
(\*) - EXISTING TO BE VERIFIED

**GRADING NOTES**

- Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
- All elevations with an asterisk (\*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
- Grades shown in paved areas represent finish elevation.
- Restore all disturbed areas with 4" of good quality topsoil and seed.
- All construction shall be performed in accordance with state and local standard specifications for construction.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7878 prior to construction activity to schedule an initial SWPPP inspection.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 at least 48 hours prior to construction of the filtration basin.

**WETLAND NOTES**

- Excavation within Wetland A is limited to the saturated and temporary flooded areas and the excavation depth limited to less than five deep.



PRELIMINARY PLAT SUBMITTAL

FRATTALONE'S  
MONDELLO SHORES  
VADNAIS HEIGHTS, MN

I hereby certify that this plan, specifications 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.

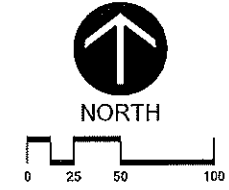
*Matt Woodruff*  
Matt Woodruff, P.E.  
Date: 12.23.19 Reg. No.: 41885

Rev.	Date	Description
1	01.15.20	Watershed Submittal
2	01.17.20	Plat Revisions
3	03.05.20	Watershed ReSubmittal

Project #: 12196138  
Drawn By: MATHJAN  
Checked By: MAV  
Issue Date: 12.23.19  
Sheet Title:

GRADING PLAN

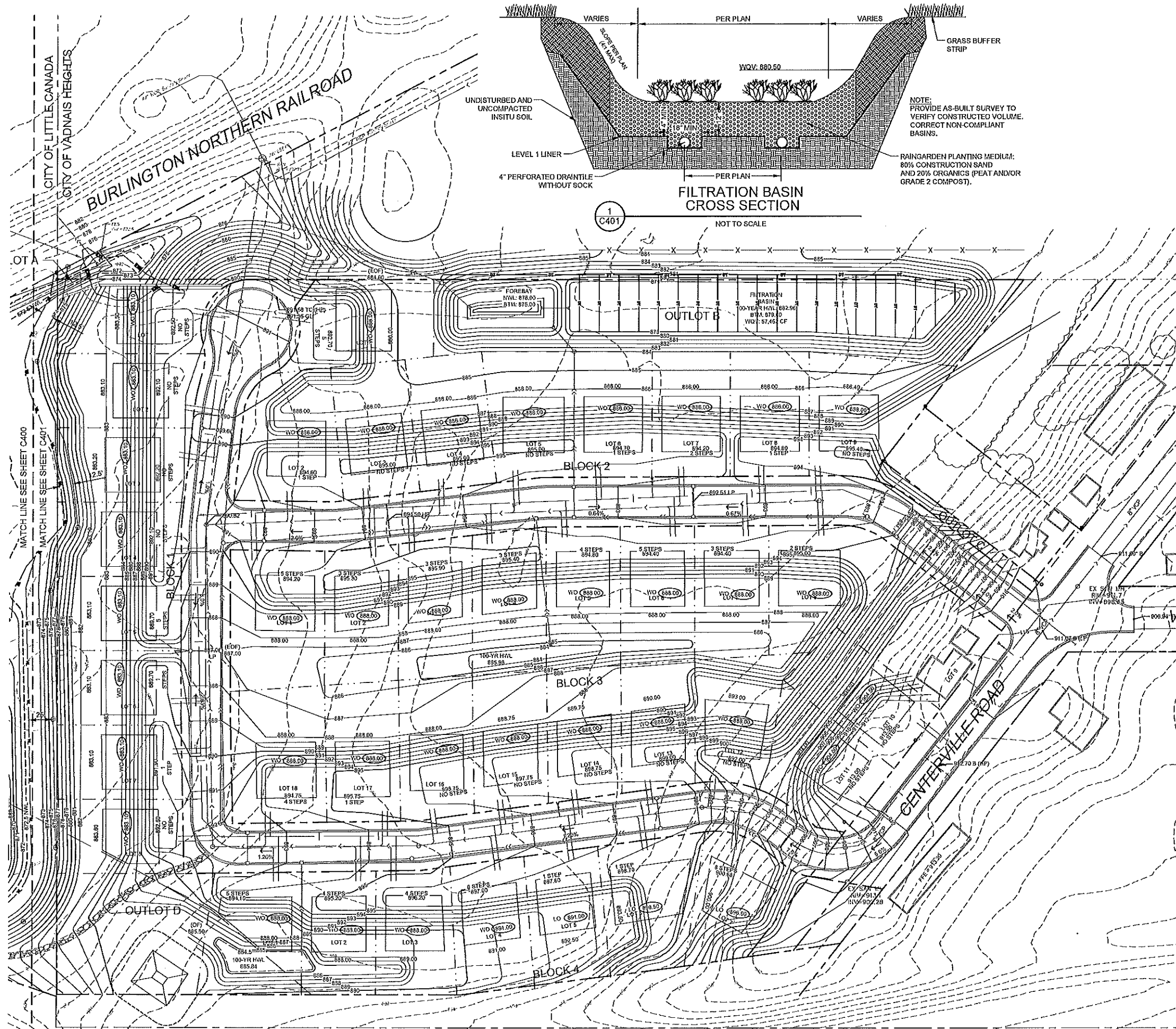
**C400**



**Larson Engineering, Inc.**  
3524 Labore Road  
White Bear Lake, MN 55110  
651.481.9120 (F) 651.481.9201  
www.larsonengr.com

**FOLZ FREEMAN SURVEYING, LLC**  
LAND PLANNING & SURVEYING  
1400 Lake Street, Suite 200  
Lake Park, MN 55042  
(651) 439-8833 www.folzfrees.com

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**SYMBOL LEGEND**

---	950	---	EXISTING CONTOURS
---	950	---	PROPOSED CONTOURS - MAJOR INTERVAL
---	949	---	PROPOSED CONTOURS - MINOR INTERVAL
---		---	GRADE BREAK LINE
---		---	GRADE SLOPE
---		---	2.0%

**SPOT ABBREVIATIONS:**

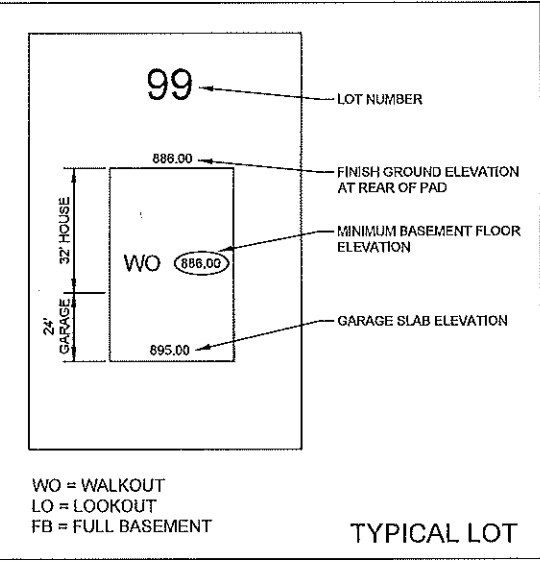
TC	TOP OF CURB
GL	GUTTER LINE
B	BITUMINOUS
C	CONCRETE
EOF	EMERGENCY OVERFLOW
OF	OVERFLOW
TW	TOP OF WALL
BW	BOTTOM OF WALL (F/G)
(*)	EXISTING TO BE VERIFIED

**GRADING NOTES**

- See Sheet C400 for Grading Notes.

**FILTRATION BASIN NOTES**

- Stake off end and mark filtration areas to prevent compaction by equipment traffic.
- Low-impact, light tracked equipment shall be used to minimize soil compaction.
- Construction of the filtration basin shall be suspended during periods of snowmelt or rainfall.
- Stabilize upland areas prior to filtration basin construction. If not feasible, provide additional sediment and erosion controls.
- Vegetation must be established at the filtration basin inlets and side slopes immediately following construction.
- Divert runoff around basin until vegetation is established.
- Perform periodic inspections.



**Larson Engineering, Inc.**  
 3524 Labore Road  
 White Bear Lake, MN 55110  
 651.481.9120 (F) 651.481.9201  
 www.larsonengr.com

**FOLZ FREEMAN SURVEYING LLC**  
 LAND PLANNING & SURVEYING  
 Lake Elmo, Minnesota 55042  
 (612) 439-8833 www.folzfrees.com

**FRATTALONE'S MONDELLO SHORES**  
 VADNAIS HEIGHTS, MN

I hereby certify that this plan, specifications 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.

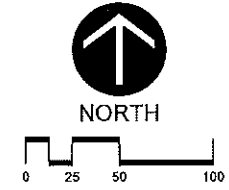
*Matt Woodruff*  
 Matt Woodruff, P.E.  
 Date: 12.23.19 Reg. No.: 41885

Rev.	Date	Description
1	01.15.20	Watershed Submittal
2	01.17.20	Plan Revisions
3	03.05.20	Watershed ReSubmittal

Project #: 12166138  
 Drawn By: MTH/MAN  
 Checked By: M/MV  
 Issue Date: 12.23.19  
 Sheet Title:

GRADING PLAN

**C401**





# Memorandum

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To: Nicole Soderholm, Ramsey-Washington Metro Watershed District

From: Kelly Bopray

Subject: Frattalone Buffer Variance Request, Little Canada & Vadnais Heights, MN

Date: February 4, 2020

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Ramsey Washington Metro Watershed District (RWMWD) Rule E requires establishment of an undisturbed wetland buffer around wetlands when land is developed. Wetland A on this site has been classified by RWMWD as a Manage C wetland. This classification requires a 12.5-foot minimum and 25-foot average buffer around Wetland A.

Wetland A is roughly a triangular shaped basin (see attached map). The north side of the wetland is off-site along the railroad embankment and the adjacent buffer will remain undisturbed. The east side of the basin abuts the proposed residential development. On Block 1 lots 1 & 2 the minimal buffer requirement area will be preserved in its undisturbed condition. Because of the home elevation requirements related to the 100yr flood levels, there will be grading in a small portion of the required buffer area on Block 1 lots 3 & 4. The wetland boundary along the south side of Wetland A is in a cultivated crop field. The applicant anticipates the District will find under Rule E. 3. (7) that the existing buffer is unacceptable and will need to be replanted. Adjacent to the south corner of Wetland A the applicant plans to expand Wetland A by excavating a deep-water habitat in the adjacent upland.

The applicant is requesting a variance to Rule E in two areas of the site. First, on Block 1, lots 3 & 4, a variance is needed for temporary grading in the buffer area to establish a consistent grade with the adjacent lots that meet the 100-year flood elevation requirement. This area will be reseeded in accordance with Rule E. 3. (7) standards with the Mesic Prairie Southeast Minnesota State seed mix (35-641).

The second variance area is along the south corner of Wetland A. Within Wetland A in this area, the dead trees will be cleared, and some shallow excavation will be done to remove invasive hybrid cattails. This excavation will prevent further spread of the cattails and is consistent with previous habitat improvement work the applicant has done in Wetland A. The






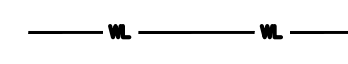
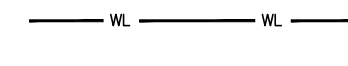

# Memorandum

upland area adjacent to Wetland A will be excavated to expand Wetland A and create deep water habitat. This upland excavation would be a permanent impact to the area required to be established as buffer area around Wetland A. This deep-water habitat is not a required stormwater pond, although it will improve the flood storage capacity of the area which will help alleviate some concerns about flooding in the Twin Lake Basin. This open water basin will also aid RWMWD in their planned Twin Lake outlet modifications. RWMWD's current outlet plan calls for a flat, shallow ditch through Wetland A. The proposed deep-water habitat will reduce/eliminate the RWMWD's maintenance costs related to removal of accumulated sediment and vegetation from the flat, shallow outlet ditch. Although the excavation will expand and diversify Wetland A, the applicant is not planning to use the area for wetland mitigation credits. As compensation for the variance to establish a buffer along the existing Wetland A, the buffer in this area will be established to around the outside of the proposed deep-water habitat so that Wetland A and the deep-water essentially becomes one contiguous basin. The buffer will be established in accordance with Rule E. 3. (7) standards with the Mesic Prairie Southeast Minnesota State seed mix (35-641). This variance would be consistent with the way Rule E is applied to areas where a wetland basin is expanded for wetland mitigation purposes.

This site is unique in that it is part of the landlocked Twin Lakes basin, which has recently experienced flooding on a historic basis. This flooding required the Cities and Watershed District to take extraordinary measures to protect lakeshore properties. The applicant has voluntarily expressed a willingness to work with the Watershed District, Cities, and Lake Association to do what can be done to alleviate the flooding situation. If the standard buffer is required around Wetland A it will result in a barrier between the proposed deep-water habitat and Wetland A. A barrier will make it less effective for small and incremental flood events.

If you have any questions, please feel free to call me at 715-307-4577.

**WETLAND LEGEND**

-  PROPOSED WETLAND BUFFER AREA
-  DELINEATED WETLAND EDGE
-  PROPOSED EDGE OF BUFFER
-  WETLAND BUFFER MONUMENT. SEE DETAIL 1/C300

**WETLAND BUFFER NOTES**

REQUIRED BUFFER AREA BASED ON MANAGE C WETLAND CLASSIFICATION (25' AVERAGE BUFFER WIDTH) = 27,088 SF

PROPOSED BUFFER AREA = 30,536 SF

ALL DISTURBED AND CREATED BUFFER AREAS WILL BE SEEDED WITH MN STATE SEED MIX 35-641 MESIC PRAIRIE SOUTHEAST.

**WETLAND BUFFER MONUMENT DETAIL**

NO MOWING ALLOWED

PER CITY ORDINANCE

4" X 4" TREATED POST

**SPECIFICATIONS:**

**MONUMENT**  
CONSISTS OF A POST AND A WETLAND BUFFER SIGN

**WETLAND BUFFER SIGNS**  
MOUNTED FLUSH WITH THE TOP OF THE POST FASTENED WITH NON-REMOVABLE SCREWS OR NUTS. SIGNS 12" X 18" W/ ALUMINUM SHALL BE 300% VIS OR 800% VIS ALLOY. GAUGE SHALL BE 6000

**POST MATERIALS**  
4" X 4" SQUARE TREATED WOOD OR OTHER CITY APPROVED MATERIAL

**COLOR**  
COLOR SHALL BE GREEN LETTERS ON WHITE BACKGROUND.


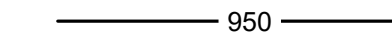
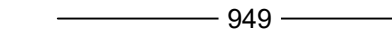
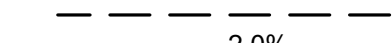

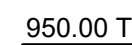
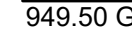
**POST INSTALLATION**  
MOUNTED TO A HEIGHT OF FOUR FEET ABOVE GRADE SET AT LEAST 40 INCHES IN THE GROUND. INSTALLED AT EACH LOT LINE WHERE IT CROSSES A WETLAND BUFFER WITH A MAXIMUM SPACING OF 300 FEET BETWEEN SIGNS. IF NO BUFFER IS REQUIRED THE MONUMENT SHALL BE AT THE EDGE OF THE WETLAND.

**WETLANDS**  
PLEASE ADDITIONAL POSTS AS NECESSARY TO FOLLOW BUFFER CONTOUR LINE





**WETLAND BUFFER MONUMENT DETAIL**

NOT TO SCALE

**SYMBOL LEGEND**

-  950 EXISTING CONTOURS
  -  950 PROPOSED CONTOURS - MAJOR INTERVAL
  -  949 PROPOSED CONTOURS - MINOR INTERVAL
  -  GRADE BREAK LINE
  -  2.0% GRADE SLOPE
  -  950.00 TC
  -  949.50 GL
- SPOT ABBREVIATIONS:**
- TC - TOP OF CURB
  - GL - GUTTER LINE
  - B - BITUMINOUS
  - C - CONCRETE
  - EO - EMERGENCY OVERFLOW
  - TW - TOP OF WALL
  - BW - BOTTOM OF WALL (F/G)
  - (\*) - EXISTING TO BE VERIFIED

**BUFFER LEGEND**

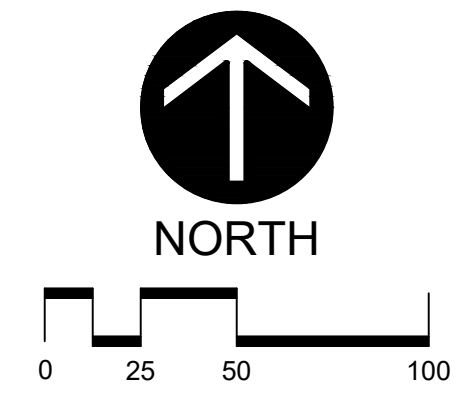
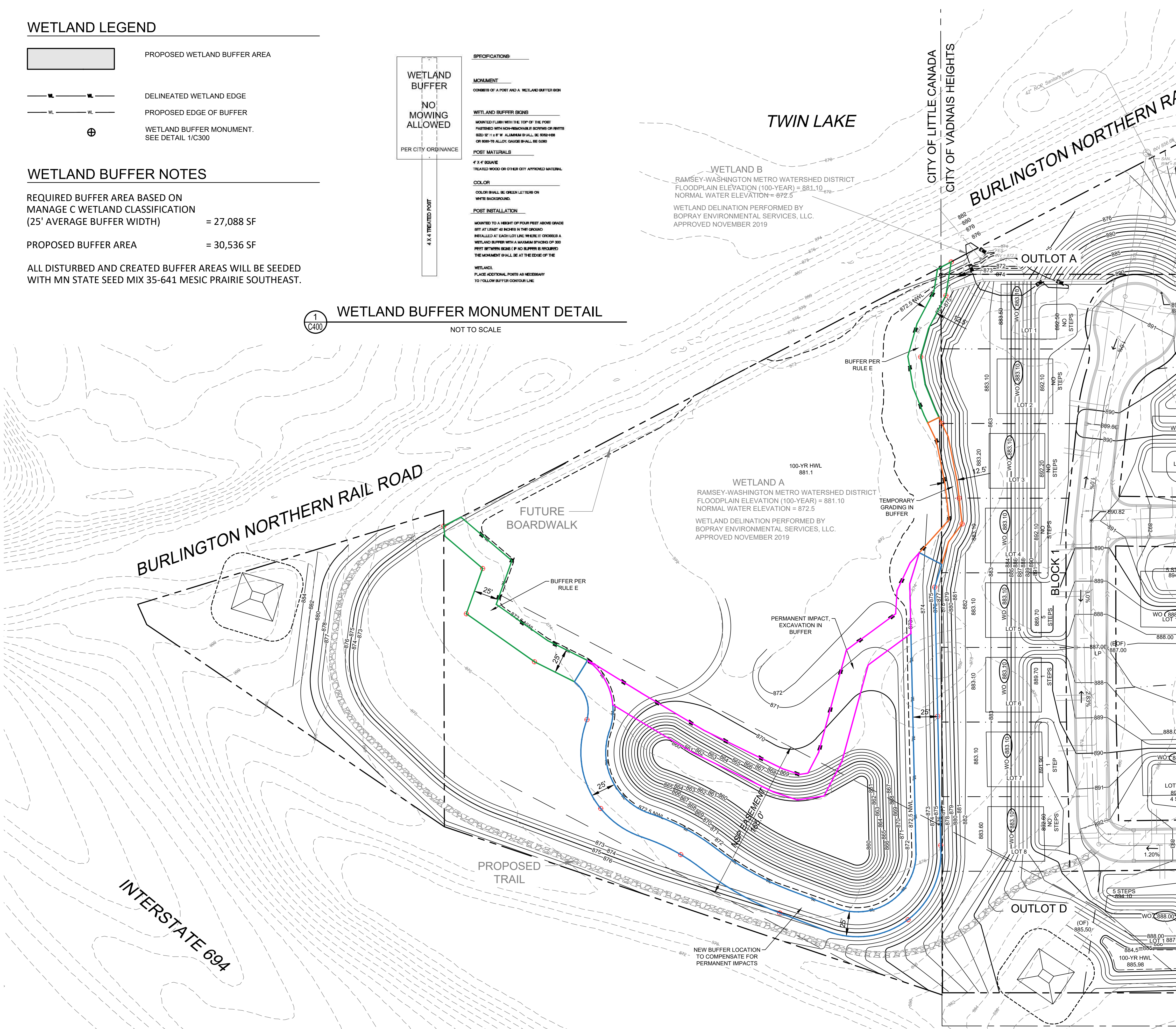
-  BUFFER PER RULE E
-  TEMPORARY GRADING WITHIN BUFFER
-  PERMANENT IMPACT, EXCAVATION IN BUFFER
-  NEW BUFFER LOCATION

**GRADING NOTES**

- Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
- All elevations with an asterisk (\*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
- Grades shown in paved areas represent finish elevation.
- Restore all disturbed areas with 4" of good quality topsoil and seed.
- All construction shall be performed in accordance with state and local standard specifications for construction.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to construction activity to schedule an initial SWPPP inspection.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 at least 48 hours prior to construction of the filtration basin.

**WETLAND NOTES**

- Excavation within Wetland A is limited to the saturated and temporary flooded areas and the excavation depth limited to less than five deep.
- Wetland B is an incidental wetland and is not regulated under WCA, see the no loss application.



**Larson Engineering, Inc.**  
3524 Labors Road  
White Bear Lake, MN 55110  
651.481.9120 (f) 651.481.9201  
www.larsonengr.com

**FOLZ FREEMAN SURVEYING, LLC**  
LAND PLANNING & SURVEYING  
651.459.8833

**PRELIMINARY PLAT SUBMITTAL**

**FRATTALONE'S MONDELLO SHORES**  
VADNAIS HEIGHTS, MN

I hereby certify that this plan, specifications 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.

*Matt Woodruff*  
Matt Woodruff, P.E.  
Date: 12.23.19 Reg. No.: 41885

Rev.	Date	Description
1	01.15.20	Watershed Submittal
2	01.17.20	Plat Revisions

Project #: 12196138  
Drawn By: MTH/JAN  
Checked By: MJW  
Issue Date: 12.23.19  
Sheet Title:

**BUFFER VARIANCE EXHIBIT**

## Minnesota Wetland Conservation Act Notice of Application

<b>Local Government Unit:</b> Ramsey-Washington Metro Watershed District		<b>County:</b> Ramsey	
<b>Applicant Name:</b> Frank Frattalone		<b>Applicant Representative:</b> Kelly Bopray (Bopray Environmental Services, LLC)	
<b>Project Name:</b> Mondello Shores		<b>LGU Project No. (if any):</b> 20-03 WCA	
<b>Date Complete Application Received by LGU:</b> 2/14/2020			
<b>Date this Notice was Sent by LGU:</b> 2/19/2020			
<b>Date that Comments on this Application Must Be Received By LGU<sup>1</sup>:</b> 3/11/2020			

<sup>1</sup> minimum 15 business day comment period for Boundary & Type, Sequencing, Replacement Plan and Bank Plan Applications

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

<input type="checkbox"/> Wetland Boundary/Type	<input type="checkbox"/> Sequencing	<input checked="" type="checkbox"/> Replacement Plan	<input type="checkbox"/> Bank Plan (not credit purchase)
<input type="checkbox"/> No-Loss (8420.0415)	<input type="checkbox"/> Exemption (8420.0420)		
Part: <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		Subpart: <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 Impact Area Proposed:</b> 2,668 sq ft (0.0612 acre)
--

**Application Materials**

<input checked="" type="checkbox"/> Attached <input type="checkbox"/> Other <sup>1</sup> (specify):
---

<sup>1</sup> Link to ftp or other accessible file sharing sites is acceptable.

**Comments on this application should be sent to:**

<b>LGU Contact Person:</b> Nicole Soderholm
<b>E-Mail Address:</b> nicole.soderholm@rwmwd.org
<b>Address and Phone Number:</b> 2665 Noel Drive, Little Canada MN 55117 651-792-7976
<b>Decision-Maker for this Application:</b>
<input type="checkbox"/> Staff <input checked="" type="checkbox"/> Governing Board/Council <input type="checkbox"/> Other (specify):

**Notice Distribution (include name)**

*Required on all notices:*

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

*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:

<b>Signature:</b> 	<b>Date:</b> 2/19/2020
--	------------------------

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.

# **MN Wetland Conservation Act Replacement Plan Application Mondello Shores Residential Development**

**Vadnais Heights, Minnesota**

Prepared for: Frattalone Companies



**February 14, 2020**



Frattalone Companies  
Mondello Shore Residential Development  
Vadnais Heights, Minnesota  
Wetland Replacement Plan  
Application Contents

- 1) Minnesota Local/State/Federal Application Forms
- 2) Wetland Replacement Plan Narrative
- 3) Project Location Map (Figure 1)
- 4) USGS Map (Figure 2)
- 5) Sketch of Wetlands on the Site (Figure 3)
- 6) Soil Survey (Figure 4)
- 7) Site Plans (Appendix A)

## PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

**Applicant/Landowner Name:** Frank Frattalone

**Mailing Address:** Frattalone Companies, 3025 Spruce Street, Little Canada, MN 55117

**Phone:** 651-283-6601

**E-mail Address:** frankf@frattalonecompanies.com

**Authorized Contact (do not complete if same as above):**

**Mailing Address:**

**Phone:**

**E-mail Address:**

**Agent Name:** Kelly Bopray, Bopray Environmental Services LLC

**Mailing Address:** N7831 920<sup>th</sup> Street, River Falls, WI 54022

**Phone:** 715-307-4577

**E-mail Address:** kjbopray@yahoo.com

## PART TWO: Site Location Information

**County:** Ramsey

**City/Township:** Vadnais Heights

**Parcel ID and/or Address:** 3143 Centerville Road, Vadnais Heights, MN 55127 (several parcels)

**Legal Description (Section, Township, Range):** Sec. 32, T30N, R22W

**Lat/Long (decimal degrees):**

**Attach a map showing the location of the site in relation to local streets, roads, highways.**

**Approximate size of site (acres) or if a linear project, length (feet):** 19.71 acres

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

[http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform\\_4345\\_2012oct.pdf](http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf)

## PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted *prior to* this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

**Wetland B is a SWTP that will be filled and incorporated in the overall site stormwater plan. The TEP indicated Wetland B might have been excavated in a historical wetland and therefore is not incidental. 2,668 SF of wetland will be filled. WCA mitigation will be provided using bank credits at 2:1. On-site wetland creation will meet RWMWD no loss requirement.**

## PART FOUR: Aquatic Resource Impact<sup>1</sup> Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	Type of Impact (fill, excavate, drain, or remove vegetation)	Duration of Impact Permanent (P) or Temporary (T) <sup>1</sup>	Size of Impact <sup>2</sup>	Overall Size of Aquatic Resource <sup>3</sup>	Existing Plant Community Type(s) in Impact Area <sup>4</sup>	County, Major Watershed #, and Bank Service Area # of Impact Area <sup>5</sup>
B	Wetland/SWTP	fill	P	0.0612	0.0612	4	62/20/7

<sup>1</sup>If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

<sup>2</sup>Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

<sup>3</sup>This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

<sup>4</sup>Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3<sup>rd</sup> Ed. as modified in MN Rules 8420.0405 Subp. 2.

<sup>5</sup>Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

## PART FIVE: Applicant Signature

Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature:  Date: 2/14/20

I hereby authorize **Bopray Environmental Services LLC** to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

<sup>1</sup> The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

## Attachment C

### Avoidance and Minimization

**Project Purpose, Need, and Requirements.** Clearly state the purpose of your project and need for your project. Also include a description of any specific requirements of the project as they relate to project location, project footprint, water management, and any other applicable requirements. Attach an overhead plan sheet showing all relevant features of the project (buildings, roads, etc.), aquatic resource features (impact areas noted) and construction details (grading plans, storm water management plans, etc.), referencing these as necessary:

[See attached narrative.](#)

**Avoidance.** Both the CWA and the WCA require that impacts to aquatic resources be avoided if practicable alternatives exist. Clearly describe all on-site measures considered to avoid impacts to aquatic resources and discuss at least two project alternatives that avoid all impacts to aquatic resources on the site. These alternatives may include alternative site plans, alternate sites, and/or not doing the project. Alternatives should be feasible and prudent (see MN Rules 8420.0520 Subp. 2 C). Applicants are encouraged to attach drawings and plans to support their analysis:

[See attached narrative.](#)

**Minimization.** Both the CWA and the WCA require that all unavoidable impacts to aquatic resources be minimized to the greatest extent practicable. Discuss all features of the proposed project that have been modified to minimize the impacts to water resources (see MN Rules 8420.0520 Subp. 4):

[See attached narrative.](#)

**Off-Site Alternatives.** An off-site alternatives analysis is not required for all permit applications. If you know that your proposal will require an individual permit (standard permit or letter of permission) from the U.S. Army Corps of Engineers, you may be required to provide an off-site alternatives analysis. The alternatives analysis is not required for a complete application but must be provided during the review process in order for the Corps to complete the evaluation of your application and reach a final decision. Applicants with questions about when an off-site alternatives analysis is required should contact their Corps Project Manager.

[See attached narrative.](#)



## Attachment D

### Replacement/Compensatory Mitigation

Complete this part *if* your application involves wetland replacement/compensatory mitigation not associated with the local road wetland replacement program. Applicants should consult Corps mitigation guidelines and WCA rules for requirements.

**Replacement/Compensatory Mitigation via Wetland Banking.** Complete this section if you are proposing to use credits from an existing wetland bank (with an account number in the State wetland banking system) for all or part of your replacement/compensatory mitigation requirements.

Wetland Bank Account #	County	Major Watershed #	Bank Service Area #	Credit Type (if applicable)	Number of Credits
1618	Anoka	20	7	Buffer	0.1225

Applicants should attach documentation indicating that they have contacted the wetland bank account owner and reached at least a tentative agreement to utilize the identified credits for the project. This documentation could be a signed purchase agreement, signed application for withdrawal of credits or some other correspondence indicating an agreement between the applicant and the bank owner. *However, applicants are advised not to enter into a binding agreement to purchase credits until the mitigation plan is approved by the Corps and LGU.*

**Project-Specific Replacement/Permittee Responsible Mitigation.** Complete this section if you are proposing to pursue actions (restoration, creation, preservation, etc.) to generate wetland replacement/compensatory mitigation credits for this proposed project.

WCA Action Eligible for Credit <sup>1</sup>	Corps Mitigation Compensation Technique <sup>2</sup>	Acres	Credit % Requested	Credits Anticipated <sup>3</sup>	County	Major Watershed #	Bank Service Area #

<sup>1</sup>Refer to the name and subpart number in MN Rule 8420.0526.

<sup>2</sup>Refer to the technique listed in *St. Paul District Policy for Wetland Compensatory Mitigation in Minnesota*.

<sup>3</sup>If WCA and Corps crediting differs, then enter both numbers and distinguish which is Corps and which is WCA.

Explain how each proposed action or technique will be completed (e.g. wetland hydrology will be restored by breaking the tile.....) and how the proposal meets the crediting criteria associated with it. Applicants should refer to the Corps mitigation policy language, WCA rule language, and all associated Corps and WCA guidance related to the action or technique:

Attach a site location map, soils map, recent aerial photograph, and any other maps to show the location and other relevant features of each wetland replacement/mitigation site. Discuss in detail existing vegetation, existing landscape features, land use (on and surrounding the site), existing soils, drainage systems (if present), and water sources and movement. Include a topographic map showing key features related to hydrology and water flow (inlets, outlets, ditches, pumps, etc.):

Project Name and/or Number:

Attach a map of the existing aquatic resources, associated delineation report, and any documentation of regulatory review or approval. Discuss as necessary:

For actions involving construction activities, attach construction plans and specifications with all relevant details. Discuss and provide documentation of a hydrologic and hydraulic analysis of the site to define existing conditions, predict project outcomes, identify specific project performance standards and avoid adverse offsite impacts. Plans and specifications should be prepared by a licensed engineer following standard engineering practices. Discuss anticipated construction sequence and timing:

For projects involving vegetation restoration, provide a vegetation establishment plan that includes information on site preparation, seed mixes and plant materials, seeding/planting plan (attach seeding/planting zone map), planting/seeding methods, vegetation maintenance, and an anticipated schedule of activities:

For projects involving construction or vegetation restoration, identify and discuss goals and specific outcomes that can be determined for credit allocation. Provide a proposed credit allocation table tied to outcomes:

Provide a five-year monitoring plan to address project outcomes and credit allocation:

Discuss and provide evidence of ownership or rights to conduct wetland replacement/mitigation on each site:

Quantify all proposed wetland credits and compare to wetland impacts to identify a proposed wetland replacement ratio. Discuss how this replacement ratio is consistent with Corps and WCA requirements:

By signature below, the applicant attests to the following (only required if application involves project-specific/permittee responsible replacement):

- All proposed replacement wetlands were not:
  - Previously restored or created under a prior approved replacement plan or permit
  - Drained or filled under an exemption during the previous 10 years
  - Restored with financial assistance from public conservation programs
  - Restored using private funds, other than landowner funds, unless the funds are paid back with interest to the individual or organization that funded the restoration and the individual or organization notifies the local government unit in writing that the restored wetland may be considered for replacement.
- The wetland will be replaced before or concurrent with the actual draining or filling of a wetland.
- An irrevocable bank letter of credit, performance bond, or other acceptable security will be provided to guarantee successful completion of the wetland replacement.
- Within 30 days of either receiving approval of this application or beginning work on the project, I will record the Declaration of Restrictions and Covenants on the deed for the property on which the replacement wetland(s) will be located and submit proof of such recording to the LGU and the Corps.

Applicant or Representative:

Title: Owner

Signature: Frank M. Frattolone

Date: 2/14/20



AGREEMENT FOR PURCHASE OF  
WETLAND BANKING CREDITS

This Agreement for Purchase of Wetland Banking Credits (“Agreement”) is made this 12<sup>th</sup> day of February, 2020 between Wetland Credit Agency, LLC (“Broker”) and Frank Frattalone, Frattalone Companies (“Buyer”). (Broker and Buyer are collectively referred to as “Parties”).

WETLAND CREDIT ACCOUNT(S)				
Acct. No.	County	Major Watershed	BSA	Account Owner
1618	Anoka	20 – Mississippi (metro)	7	P. Preiner (“Seller”)

1. Buyer agrees to buy the wetland banking credits (“Credits”) listed below:

CREDITS TO BE SOLD						
Credit Sub-Group <sup>1</sup>	Acres	Wetland Circ. 39 Type <sup>2</sup>	Plant Community Type <sup>3</sup>	Cost per Acre	Account Number	Total
A.	0.1225	U	Buffer	\$95,000.00	1618	\$11,637.50
B.	--	--	--	--	--	--
C.	--	--	--	--	--	--
D.	---	--	--	--	--	--
E.	--	--	--	--	--	--
<b>Totals</b>	<b>0.1225</b>					<b>\$11,637.50</b>

Check here if additional credit sub-groups are part of this account and are listed on an attachment to this document.

<sup>1</sup>A separate credit sub-group shall be established for each wetland or wetland area that has different wetland characteristics.

<sup>2</sup>Circular 39 types: 1, 1L, 2, 3, 4, 5, 6, 7, 8, B, U.

<sup>3</sup>**Wetland plant community type:** shallow open water, deep marsh, shallow marsh, sedge meadow, fresh meadow, wet to wet-mesic prairie, calcareous fen, open bog or coniferous bog, shrub-carr/alder thicket, hardwood swamp or coniferous swamp, floodplain forest, seasonally flooded basin. See *Wetland Plants and Plant Communities of Minnesota and Wisconsin (Eggers and Reed, 1997)* as modified by the Board of Water and Soil Resources, United States Army Corps of Engineers.

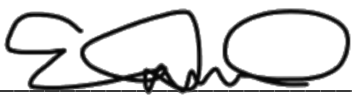
2. Statement Regarding Credits:

- a) The Credits are deposited in an account in the Minnesota Wetland Bank administered by the Minnesota Board of Water and Soil Resources (“BWSR”) pursuant to Minn. Rules Chapter 8420.0700-.0760.
- b) Seller owns the Credits and has the right to sell the Credits to Buyer.

3. Buyer will pay a total of \$11,637.50 for the Credits, as follows:

- a) \$11,637.50 to be paid on the Closing Date defined and listed below.

4. In addition to the fees for the Credits in paragraph 3, Buyer agrees to pay the Withdrawal Fee and Easement Stewardship Fee totaling \$281.02 to Broker as required by BWSR. At closing, Broker will execute a check made out for this amount payable to BWSR.
5. The closing of the purchase and sale shall occur on or before May 15th, 2020 ("Closing Date"). The Closing Date may only be extended or changed by written consent of both Parties. Upon payment of the purchase price, Broker attests that Seller has agreed to sign a fully executed Application for Withdrawal of Credits in the form specified by BWSR.
6. Buyer shall apply to the appropriate Local Government Unit ("LGU") and any other required regulatory or governmental agency for approval of a replacement plan utilizing the Credits as the means of replacing impacted wetlands. If the LGU or other regulatory or government agency has not approved the Buyer's application for a replacement plan utilizing the Credits by the Closing Date, and no extension of the Closing Date has been agreed to by the Parties in writing, then either Buyer or Broker may cancel this Agreement by giving written notice to the other at the address identified below. In the event of cancellation by either Party, neither Buyer nor Broker shall have any further obligations to each other and waive any and all claims that they may have against the other under this Agreement and Agreement will be null and void.
7. Buyer agrees that Broker is acting in good faith on behalf of a third party Seller, and that if Seller fails to perform under this Agreement, Broker shall have no liability to Buyer and shall not be held responsible for any claims or damages. Buyer waives any and all claims that Buyer has or may have against Broker resulting from this Agreement. Broker shall however refund any monies paid to it by Buyer.
8. Buyer further agrees and understands that Broker has made no representations or warranties to Buyer other than as contained herein and agrees and understands that it is Buyer's sole obligation to determine if the proposed replacement plan will be approved, and to seek approval of the proposed replacement plan by all required appropriate governmental regulatory agencies and Buyer waives any and all claims it may have against Broker if the proposed replereplacement plan is not approved by the required governmental entities or agencies.
9. Buyer further agrees that Agreement is not valid until a signed copy is provided to Broker. If Buyer has not forwarded a signed copy to Broker within 7 days after date signed by Broker, Agreement is null and void and neither Buyer nor Broker shall have any further obligations under this Agreement.

  
 \_\_\_\_\_ 02/12/2020  
 (Signature of Broker) (Date)  
 By: Eric Trelstad, Wetland Credit Agency, LLC  
 Its: Owner  
 Address: 12940 Overlook Road  
 Dayton, MN 55327  
 612-360-4700

  
 \_\_\_\_\_ 2/11/20  
 (Signature of Buyer) (Date)  
 By: Frank Frattalone, Frattalone Companies  
 Its: U. D.  
 Address: 3025 Spruce St  
 Little Canada, MN 55117  
 651-283-6601

# Transaction Form to Withdraw Credits

## Minnesota Wetland Bank Program

If the layout of this form looks incorrect, click on [View, Edit Document](#), then save it to your computer.

<b>1. Credit User</b>		<i>This space for BWSR use only.</i>
Name: <b>Frank Frattalone</b>	Organization: <b>Frattalone Companies</b>	
Address: <b>3025 Spruce Street Little Canada, MN 55117</b>	Email: <b>frankf@frattalonecompanies.com</b>	
Phone: <b>651-283-6601</b>	LGU File #:	
Consultant: <b>Bopray Env. Serv./Kelly Bopray</b>		

<b>2. Wetland Impact Information</b>	
To be completed for the project impacting wetlands and with which this withdrawal is intended to replace.	
Project Name: <b>Mondello Shores</b>	Impact Size (acres): <b>0.0612</b>
Impact County: <b>62</b>	Impact Wetland type: <b>4</b>
Impact Major Watershed/BSA: <b>__20__ / __7__</b>	Replacement Ratio: <b>2:1</b>
Sec/Twp/Range: <b>Section 32, T30N, R22W</b>	
*Projects with multiple locations should use the most central location in relation to the project as a whole.	
Are Federally authorized credits required for this impact?    Yes <b>No</b>	
Corps Regulatory File Number:	<b>MVP-2007-02884-EJW</b>
Comments:	

<b>3. Credits to be Withdrawn</b> To be completed by the seller of the credits (account holder)				
<b>Account Information</b>				
Account: <b>1618</b>		County: <b>Anoka</b>		Bank Service Area: <b>7</b>
Credit Subgroup	Wetland Type/Plant Community Type	Federally Approved?	Cost per Credit	Credit Amounts
<b>A</b>	<b>Buffer</b>	<b>No</b>	<b>95,000.00</b>	<b>0.1225</b>
Per Credit Withdrawal Fee by BSA			Enter the Withdrawal Fee for the BSA of the account:	<b>Total Credits: 0.1225</b>
BSA 1 \$520	BSA 6 \$1,083	<b>\$1992</b>		(Withdrawal Fee x total credits)
BSA 2 \$371	BSA 7 \$1,992			<b>Withdrawal Fee: \$244.02</b>
BSA 3 \$725	BSA 8 \$2,577	Easement Stewardship Fee:		(Easement Stewardship fee x total credits)
BSA 4 \$1,412	BSA 9 \$2,628	<b>\$302</b>		<b>Stewardship Fee: \$37.00</b>
BSA 5 \$685	BSA 10 \$3,099			<b>Total Fees: \$281.02</b>

Please make checks payable to the Minnesota Board of Water and Soil Resources. BWSR does not accept cash.

BWSR fee policy: [http://www.bwsr.state.mn.us/wetlands/wetlandbanking/fee\\_and\\_sales\\_data/Wetland\\_Banking\\_Fee\\_Policy\\_Effective\\_June1\\_2017.pdf](http://www.bwsr.state.mn.us/wetlands/wetlandbanking/fee_and_sales_data/Wetland_Banking_Fee_Policy_Effective_June1_2017.pdf)

**Project Name:** Mondello Shores

If anyone else should be notified please indicated their emails below:

#### 4. Regulatory Authorization

By signing below, the identified agency and authorized representative hereby certifies that they have: **a)** verified that the subject wetland credits are deposited in the account of the owner/seller, **b)** approved a wetland replacement plan or similar agreement under their jurisdiction, and **c)** approve the proposed use of the wetland bank credit described above.

WCA LGU/Agency:

LGU Representative:

Email Address:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

*For NRCS, DNR, etc. as applicable*

Agency Name and Location:

Representative:

Email Address:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

#### 5. Credit User Signature

By signing below the proposed credit user attests that he/she owns or has purchased the credits identified in this form and has received approval from the regulatory authority(ies).

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

#### 6. Account Holder Signature

By signing below I, the seller and holder of the aforementioned account in the State of Minnesota Wetland Mitigation Bank, certify that:

- 1) The credits described in this transaction form have been sold to the credit user or will be used for my own project;
- 2) I have received payment in full from the buyer (if applicable);
- 3) The credits described in this transaction form have not been sold or used in any way to mitigate wetland losses other than for the project and location identified in the wetland impact information block on the previous page;
- 4) The credits described in this application should be withdrawn from my account; and
- 5) I will not have a negative balance of credits after the subject credits are debited from my account

**Disclaimer: All transactions in the Wetland Bank system are public information**

Name/Representative:

Email Address:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Send complete forms and fee payments to:**

**Wetland Bank Administration  
Minnesota Board of Water and Soil Resources  
520 Lafayette Road North  
Saint Paul, MN 55155**

# Minnesota Wetland Conservation Act

## Notice of Decision

Local Government Unit (LGU) <b>Ramsey-Washington Metro Watershed District</b>	Address 2665 Noel Dr Little Canada, MN 55117
--	--

### 1. PROJECT INFORMATION

Applicant Name <b>Frank Frattalone</b> <b>3025 Spruce Street</b> <b>Little Canada, MN 55109</b> <b>frankf@frattalonecompanies.com</b>	Project Name <b>Frattalone Property</b>	Date of Application <b>10/3/19</b>	Application Number <b>19-19 WCA</b>
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input checked="" type="checkbox"/> Wetland Boundary or Type Sequencing	<input type="checkbox"/> No-Loss	<input type="checkbox"/> Exemption	<input type="checkbox"/>
<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan		

Technical Evaluation Panel Findings and Recommendation (if any):

<input type="checkbox"/> Approve	<input checked="" type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
Summary (or attach): Nicole Soderholm (RWMWD) and Ben Meyer (BWSR) completed an onsite field review with Kelly Bopray (Bopray Environmental Services, LLC) on October 21, 2019.		
No changes are requested to the wetland boundaries, but it has been requested that the wetland types be changed to Type 4.		

### 2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: <b>10/31/19</b>		
<input type="checkbox"/> Approved Denied	<input checked="" type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/>

LGU Findings and Conclusions (attach additional sheets as necessary):

Kelly Bopray submitted a boundary/type application for approval on behalf of landowner Frank Frattalone. The delineation report was completed for parcels west of Centerville Road and Vadnais Road in the cities of Vadnais Heights and Little Canada, Sections 31 & 32, Township 30N, Range 22W.

A field delineation was completed on June 8, 2017 during normal antecedent precipitation, however May 2017 saw 7.04 inches of rainfall. Two wetlands were identified within the evaluation area. Boundaries were reflagged for review per the GPS points taken in 2017.

RWMWD approves the boundaries for Wetlands A and B as indicated in the delineation report. RWMWD requests that Wetlands A and B be changed from Type 3 to Type 4. This decision is valid for 5 years.

For Replacement Plans using credits from the State Wetland Bank:

Bank Account #	Bank Service Area	County	Credits Approved for Withdrawal (sq. ft. or nearest .01 acre)


**Replacement Plan Approval Conditions.** In addition to any conditions specified by the LGU, the approval of a Wetland Replacement Plan is conditional upon the following:

- Financial Assurance:** For project-specific replacement that is not in-advance, a financial assurance specified by the LGU must be submitted to the LGU in accordance with MN Rule 8420.0522, Subp. 9 (List amount and type in LGU Findings).
- Deed Recording:** For project-specific replacement, evidence must be provided to the LGU that the BWSR “Declaration of Restrictions and Covenants” and “Consent to Replacement Wetland” forms have been filed with the county recorder’s office in which the replacement wetland is located.
- Credit Withdrawal:** For replacement consisting of wetland bank credits, confirmation that BWSR has withdrawn the credits from the state wetland bank as specified in the approved replacement plan.

**Wetlands may not be impacted until all applicable conditions have been met!**

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.

Name <b>Nicole Soderholm</b>	Title <b>Permit Coordinator</b>	
Signature 	Date <b>10/31/19</b>	Phone Number and E-mail <b>651-792-7976</b> <b>nicole.soderholm@rwmwd.org</b>

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT. Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.



Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

### 3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

<input type="checkbox"/> Appeal of an LGU staff decision. Send petition and \$_____ fee (if applicable) to:	<input type="checkbox"/> Appeal of LGU governing body decision. Send petition and \$500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155
---	---

### 4. LIST OF ADDRESSEES

<input checked="" type="checkbox"/> SWCD TEP member: <b>Mike 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 TEP member: <b>Jenifer Sorensen, Leslie Parris</b> <input type="checkbox"/> DNR Regional Office (if different than DNR TEP member) <input type="checkbox"/> WD or WMO (if applicable): <input checked="" type="checkbox"/> Applicant and Landowner (if different) <input type="checkbox"/> Members of the public who requested notice:  <input checked="" type="checkbox"/> Corps of Engineers Project Manager <input type="checkbox"/> BWSR Wetland Bank Coordinator (wetland bank plan decisions only)
---

### 5. MAILING INFORMATION

➤ For a list of BWSR TEP representatives: [www.bwsr.state.mn.us/aboutbwsr/workareas/WCA\\_areas.pdf](http://www.bwsr.state.mn.us/aboutbwsr/workareas/WCA_areas.pdf)

➤ For a list of DNR TEP representatives: [www.bwsr.state.mn.us/wetlands/wca/DNR\\_TEP\\_contacts.pdf](http://www.bwsr.state.mn.us/wetlands/wca/DNR_TEP_contacts.pdf)

➤ Department of Natural Resources Regional Offices:

<u>NW Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	<u>NE Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	<u>Central Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	<u>Southern Region:</u> Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073
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For a map of DNR Administrative Regions, see: [http://files.dnr.state.mn.us/aboutdnr/dnr\\_regions.pdf](http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf)

➤ For a list of Corps of Project Managers: [www.mvp.usace.army.mil/regulatory/default.asp?pageid=687](http://www.mvp.usace.army.mil/regulatory/default.asp?pageid=687) or send to:

US Army Corps of Engineers  
 St. Paul District, ATTN: OP-R  
 180 Fifth St. East, Suite 700  
 St. Paul, MN 55101-1678

- For Wetland Bank Plan applications, also send a copy of the application to:  
Minnesota Board of Water and Soil Resources  
Wetland Bank Coordinator  
520 Lafayette Road North  
St. Paul, MN 55155
- 

## 6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

# Wetland Replacement Plan

## Mondello Shores Frattalone Companies

### Vadnais Heights, Minnesota

February 14, 2020

#### PROJECT DESCRIPTION AND LOCATION

The proposed Mondello Shores residential development is a 19.17-acre site located in the SW  $\frac{1}{4}$ , of Section 32, T30N, R22W, City of Vadnais Heights and SE  $\frac{1}{4}$ , of Section 31, T30N, R22W, City of Little Canada, and Ramsey County, Minnesota (**Figure 1**). Surrounding the site is mixed density residential developments and Minnesota Department of Transportation property. The project will create 41 traditional single-family home building sites, stormwater ponding along with the associated streets and utility infrastructure. As a separate, but associated project, a deep-water habitat with a wetland fringe will be created adjacent to Wetland A on the Little Canada portion of the site.

#### SITE DESCRIPTION

As shown on the U.S.G.S. Quadrangle map (**Figure 2**), the topography on the site consists of gently sloping terraces and drains to the north central part of the site. Currently the entire watershed is an isolated basin. The Mondello Shores site consists open farmland, woodlands, and two wetland basins adjacent to Interstate 694 and a railroad grade along the north side of the site. An aerial photo with the approximate wetland locations and extent is included in **Figure 3**. The wetland delineation report by Bopray Environmental Services LLC, (July 6, 2017) has been reviewed and approved by the Ramsey Washington Metro Watershed District (RWMWD) (NOD attached). Application to the Corps of Engineers for an Approved Jurisdiction Determination (no jurisdiction based on being isolated) was made on October 2, 2019 and again on February 4, 2020 and approval is pending. The wetland boundaries were surveyed by Folz, Freeman, Erickson Inc., and incorporated into the site plans. A soil survey

map for the site is attached as **Figure 4**. One wetland was identified on the western part of the site (City of Little Canada) and one small wetland/stormwater pond was identified on the Mondello Shores portion of the property in the City of Vadnais Heights. Refer to the Wetland Delineation Report for details of the specific wetland and adjacent uplands characteristics.

## **PROJECT NEED AND PURPOSE**

The northern suburbs of the Twin Cities have experienced an expansion of the housing market over the last several years. This project is essentially infilling residential development in a remnant agricultural area within an area that has previously been developed as residential land use. The area is centrally located to schools, recreational areas, retail/commercial business with relatively easy access to the interstate system. The site is ideally situated for residential development.

## **PROPOSED WETLAND IMPACTS**

The Mondello Shores site plan is included in **Appendix A**. Work in and around Wetland A on the Little Canada parcel has been outlined in a separate no loss application to RWMWD. The residential development on the site will impact all of Wetland B. Wetland B is a stormwater pond/sedimentation basin constructed in 2008 by the applicant. The TEP thought the area might have been wetland before the pond construction so it would not qualify for the incidental wetland exemption. With site development the surface water runoff will be collected and treated in a comprehensive stormwater management system and will be diverted away from the existing pond. (Wetland B). The wetland impacts will result in the loss of 0.0612 acres (2,668 SF) of excavated type 4 wetland. The impacted wetland area is considered degraded and provides limited wetland functions and values.

## **SEQUENCING**

### **Avoidance Alternatives**

The **“no-build” alternative** would avoid all wetland impacts but is considered neither feasible nor prudent based on the facts: 1) the upland area of the site is suitable for and is guided by city zoning for residential development as proposed, 2) a strong housing market in the metro area has developed demand for new housing options, 3) the current land use as agricultural land within the City is not economically viable when the surrounding properties have been converted to denser housing land use. Denying the use of the buildable 16.06 acres of the site to avoid impacting

0.0612 acres degraded stormwater pond/wetland does not preserve significant wetland functions and values. The “no-build” alternative could not be considered a reasonable and prudent alternative to the proposed wetland impacts because it is not an environmentally preferable alternative based on a review of social, economic, and environmental impacts. Plus, the inability of the site to be used as intended by the City’s zoning guidance would be a truly unusual problem and hardship for the property owner.

### **Alternative Sites**

Alternative sites were not explored since the proposed project purpose is to develop this tract of land from a land use that is not economically viable to a use that is consistent with the applicable zoning guidance, environmental constraints and consistent with adjacent properties.

### **Alternative Configurations**

In theory eliminating some units on any development could reduce the pressure for wetland impacts. In this case total avoidance of wetland impacts would mean eliminating one lot to avoid 0.0612-acre of wetland impacts due to slope grading. Although the stormwater pond/wetland would be physically avoided, it will lose its water source because the comprehensive stormwater management system for the development will not discharge in the same area as the current agricultural land use. So even though Wetland B could be physically avoided it would still be indirectly impacted by diversion of water and will likely dry up and cease to exist. The alternative site design could not be considered a reasonable and prudent alternative to the proposed 0.0612-acres degraded wetland impacts because it is not an environmentally preferable alternative based on a review of social, economic, and environmental impacts.

### **Impact Minimization**

Site plans shifted the western most lots of the project to the east to accommodate required buffers and floodplain elevation standards to avoid and minimize impacts to Wetland A.

## **COMPENSATORY MITIGATION PLAN**

### Mitigation Requirements

Proposed wetland mitigation will be accomplished using a bank site within the same major watershed and wetland bank service area (BSA) as the wetland impacts. WCA guidance indicates the minimum replacement ratio for the proposed approach for mitigation is 2:1. There are no wetland bank

sites in the same minor watershed or County. Frattalone Companies was able to find a bank site with available credits within the same major watershed and same BSA.

The total replacement required for the project is 0.1225 acre. Mitigation banking is proposed to be used to provide the 0.1225 acres (5,336 square feet) for an overall replacement ratio of 2:1

#### Off-Site Mitigation

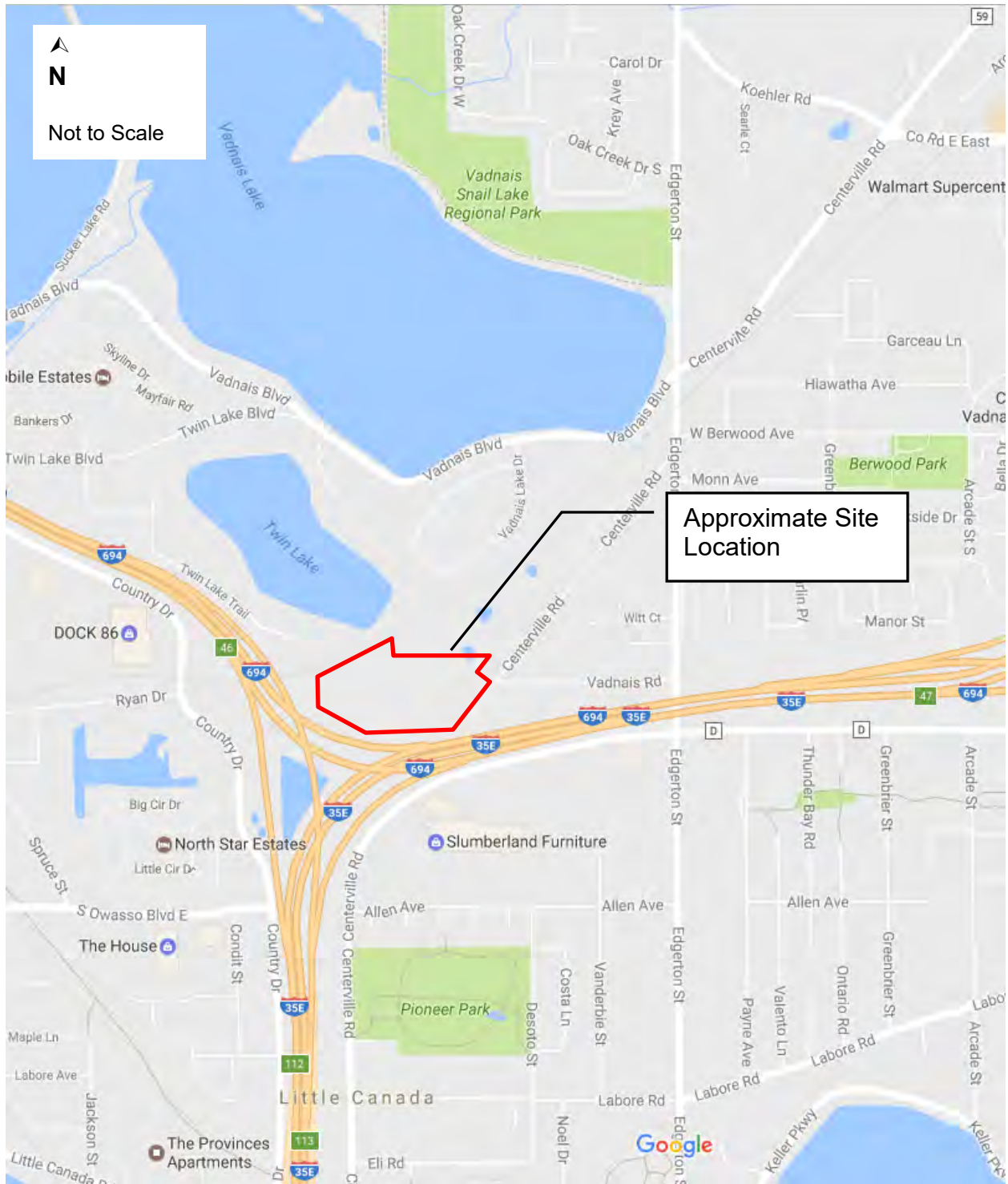
The P. Preiner wetland bank (#1618) would be used to provide the required 0.1225-acres of mitigation credit. This bank has upland buffer wetland credits that are single wetland credits (SWC). This bank is in Anoka County, the Mississippi Metro Major Watershed and Wetland Bank Service Area 7. Frattalone Companies has negotiated a purchase agreement to acquire these credits from the owners of the wetland banks.

#### Watershed No-Loss Requirement

RWMWD has a no net loss of wetland policy. Although the WCA required wetland mitigation will be accomplished through wetland banking outside of the watershed, the Mondello Shores project will still meet the RWMWD no net loss policy. First, the wetland that will be impacted on the site is a small stormwater pond. After site development surface water run-off will be diverted into a stormwater treatment system that will be more effective and replace the stormwater functions of the wetland impacts. Secondly, Wetland A will be expanded by 26,788 SF to create additional aquatic/open water habitat with a vegetated shoreline. The near shore edge of this basin will be similar to the habitat of the impacted Wetland B. The area of the basin that is less than three feet deep will be 6,472 SF which is a ratio of nearly 2.4:1 compared to the size of Wetland B. The on-site wetland creation is not part of the WCA required replacement, but it will create a no net loss of wetland area and functions within the watershed which meets RWMWD policy goals.

## **MONITORING**

Since there is no on-site WCA wetland mitigation there would be no annual wetland monitoring requirements. The Wetland bank site has been monitored by the bank owner and reported to the LGU and BWSR in order to deposit credits in the bank.



**Figure 1. Location Map**  
 FFE-Frattalone, Centerville Road Site  
 Vadnais Heights, Minnesota



**Figure 2. U.S.G.S.  
Quadrangle Map**

FFE- Frattalone, Centerville Road Site  
Vadnais Heights, Minnesota



Project No. 2017.008





**Figure 3. Aerial Photo with  
 Approximate Wetland Boundary**  
 FFE-Frattalone, Centerville Road Site  
 Vadnais Heights, Minnesota


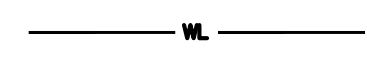
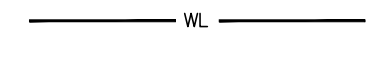
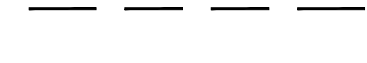



**Figure 6. Ramsey County Soil Survey Map**  
 FFE-Frattalone, Centerville Road Site  
 Vadnais Heights, Minnesota



# Appendix A

**WETLAND LEGEND**


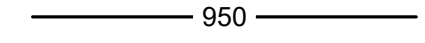
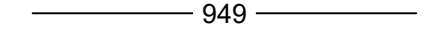
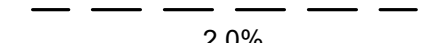
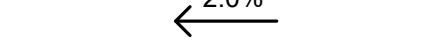
-  PROPOSED WETLAND BUFFER AREA
-  DELINEATED WETLAND EDGE
-  PROPOSED EDGE OF WETLAND
-  PROPOSED NORMAL WATER LEVEL
-  WETLAND BUFFER MONUMENT. SEE DETAIL 1/C300

**WETLAND BUFFER NOTES**

REQUIRED BUFFER AREA BASED ON MANAGE C WETLAND CLASSIFICATION (25' AVERAGE BUFFER WIDTH) = 27,088 SF

PROPOSED BUFFER AREA = 30,536 SF

**SYMBOL LEGEND**

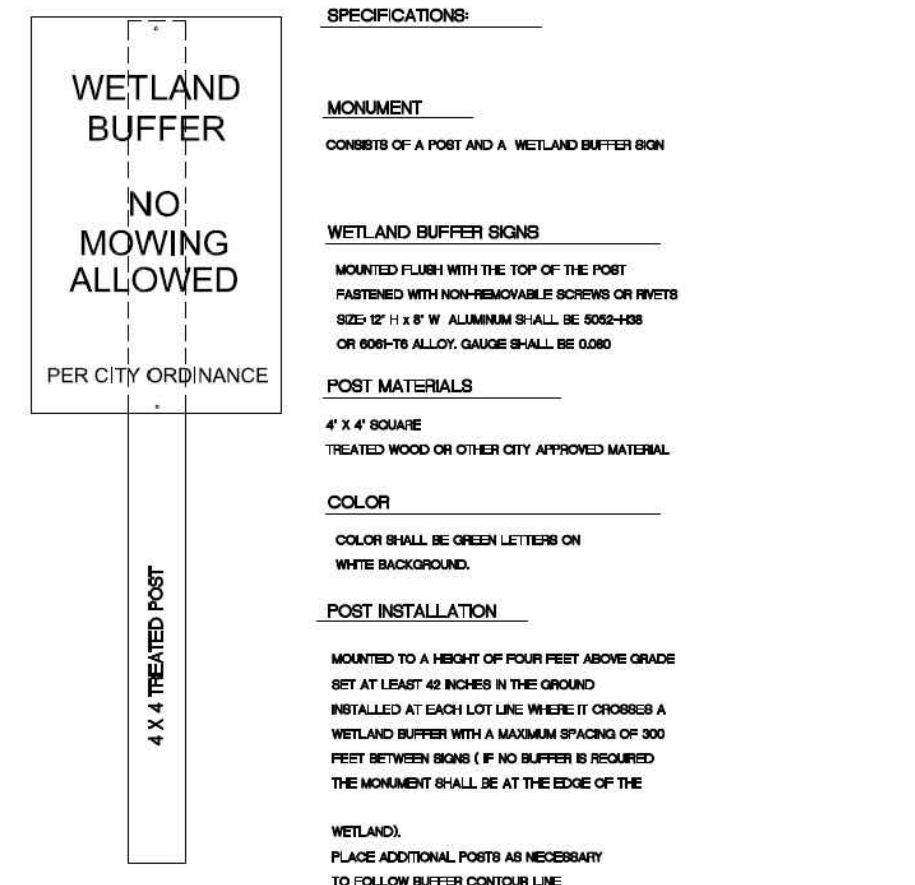
-  950 EXISTING CONTOURS
-  950 PROPOSED CONTOURS - MAJOR INTERVAL
-  949 PROPOSED CONTOURS - MINOR INTERVAL
-  GRADE BREAK LINE
-  2.0% GRADE SLOPE
- SPOT ABBREVIATIONS:**
- TC - TOP OF CURB
- GL - GUTTER LINE
- B - BITUMINOUS
- C - CONCRETE
- EO - EMERGENCY OVERFLOW
- TW - TOP OF WALL
- BW - BOTTOM OF WALL (F/G)
- (\*) - EXISTING TO BE VERIFIED

**GRADING NOTES**

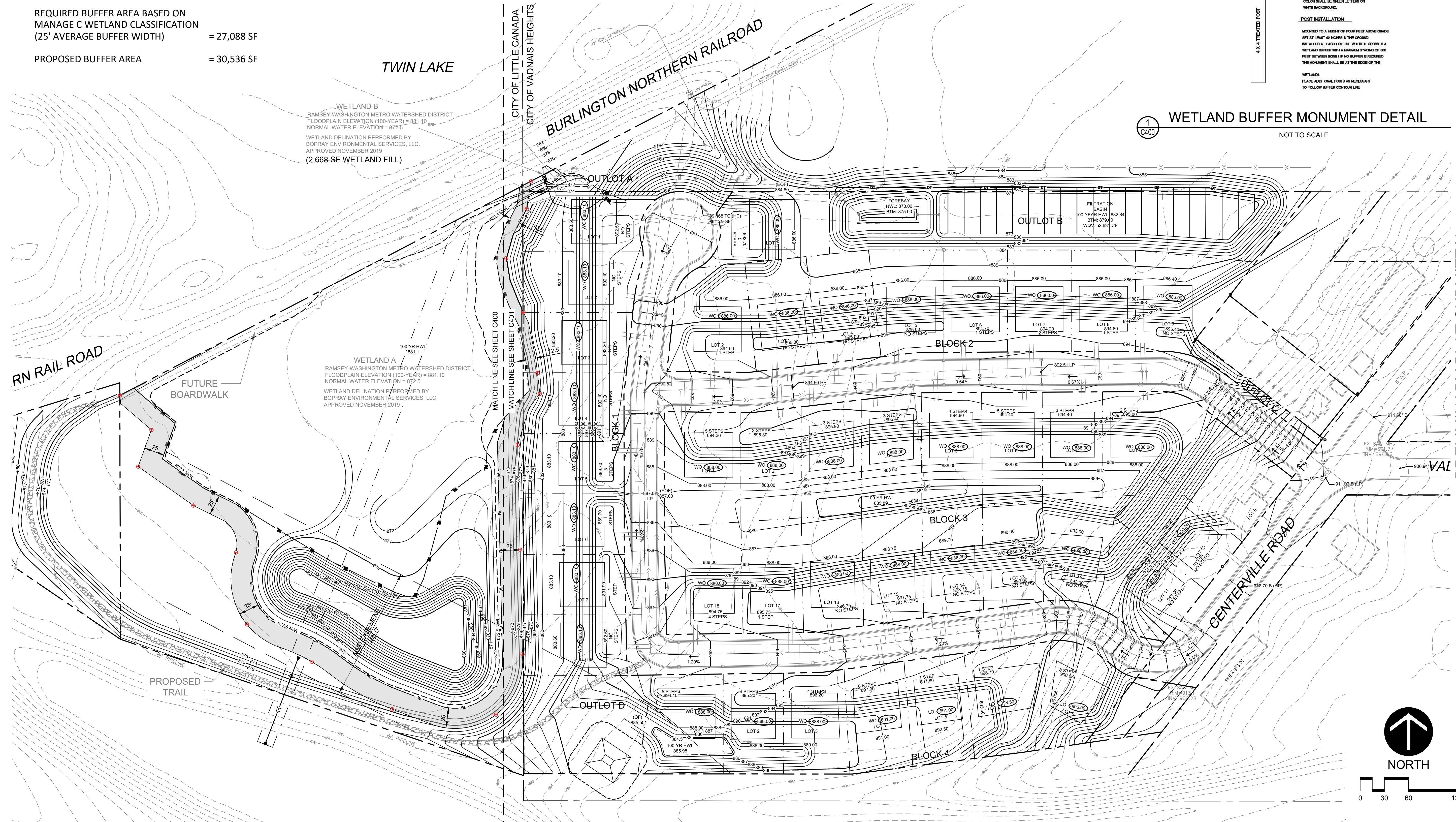
- Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
- All elevations with an asterisk (\*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
- Grades shown in paved areas represent finish elevation.
- Restore all disturbed areas with 4" of good quality topsoil and seed.
- All construction shall be performed in accordance with state and local standard specifications for construction.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 prior to construction activity to schedule an initial SWPPP inspection.
- Notify Nicole Soderholm, Ramsey-Washington Metro Watershed District, at 651-792-7976 at least 48 hours prior to construction of the filtration basin.

**WETLAND NOTES**

- Excavation within Wetland A is limited to the saturated and temporary flooded areas and the excavation depth limited to less than five deep.
- Wetland B is and incidental wetland and is not regulated under WCA, see the no loss application.



1 C400 WETLAND BUFFER MONUMENT DETAIL NOT TO SCALE



PRELIMINARY PLAT SUBMITTAL

**Larson Engineering, Inc.**  
 3524 Labore Road  
 White Bear Lake, MN 55110  
 651.481.9120 (F) 651.481.9201  
 www.larsonengr.com

**Folz Freeman Surveying, LLC**  
 LAND PLANNING & SURVEYING  
 11555 Minnesota Drive  
 Minneapolis, MN 55426  
 (651) 454-8833 www.folzfreeman.com

Client: **FRATTALONE'S MONDELLO SHORES**  
 VADNAIS HEIGHTS, MN

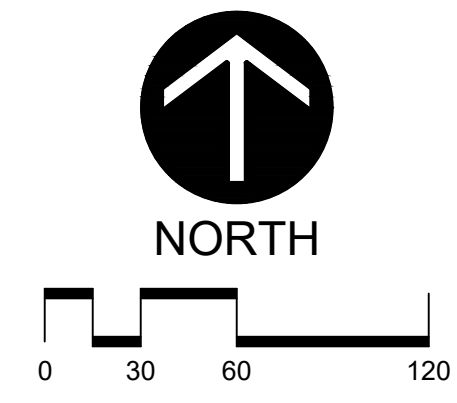
I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Minnesota.

*Matt Woodruff*  
 Matt Woodruff, P.E.  
 Date: 12.23.19 Reg. No.: 41885

Rev.	Date	Description
1	01.15.20	Watershed Submittal
2	01.17.20	Plat Revisions

Project #: 12196138  
 Drawn By: MTH/JAN  
 Checked By: MJW  
 Issue Date: 12.23.19  
 Sheet Title:

**GRADING PLAN**



\* \* \* \* \*

# Stewardship Grant Program

\* \* \* \* \*

# Stewardship Grant Application Summary

**Project Name:** Butler

**Application Number** 20-06 CS

**Board Meeting Date:** 4/1/2020

**Applicant Name:** Anna Butler

**Residential**

**Commercial/Government**

## Project Overview:

This property is located off Centennial Dr and Western Ave in the City of Roseville. The applicant is planning to remove existing turf grass and invasive species and will replant with native vegetation. This will help with some areas of erosion on their property and increase pollinator habitat.

This project is eligible for 50% funding up to \$15,000.

## BMP type(s):

Native Habitat Restoration(1)

## Grant Request:

\$5,500.00

## Recommendation:

Staff recommends approval of this application.

## Subwatershed:

Lake Owasso

## Location Maps:



## Stewardship Grant Application Summary

**Project Name:** Keller Golfview

**Application Number** 20-07 CS

**Board Meeting Date:** 4/1/2020

**Applicant Name:** Gus Blumer

**Residential**

**Commercial/Government**

### Project Overview:

This project is located at Keller Regional Park off Highway 61 in the City of Maplewood. Over the last several years, Ramsey County Parks and Recreation has made many improvements to the park facilities over the last several years. The next phase of the project is to repair existing parking lots and trails and add parking spaces to account for increased visitor volume at the park. The new parking areas will be porous asphalt and will capture stormwater that normally drains down the county ditch along Highway 61. The cost per pound of total phosphorus removal is about \$10,500. Total cost of the porous asphalt portion of the project is about \$200,000. This project is eligible for 75% funding up to \$50,000.

### BMP type(s):

Porous Asphalt(1)

### Grant Request:

\$50,000.00

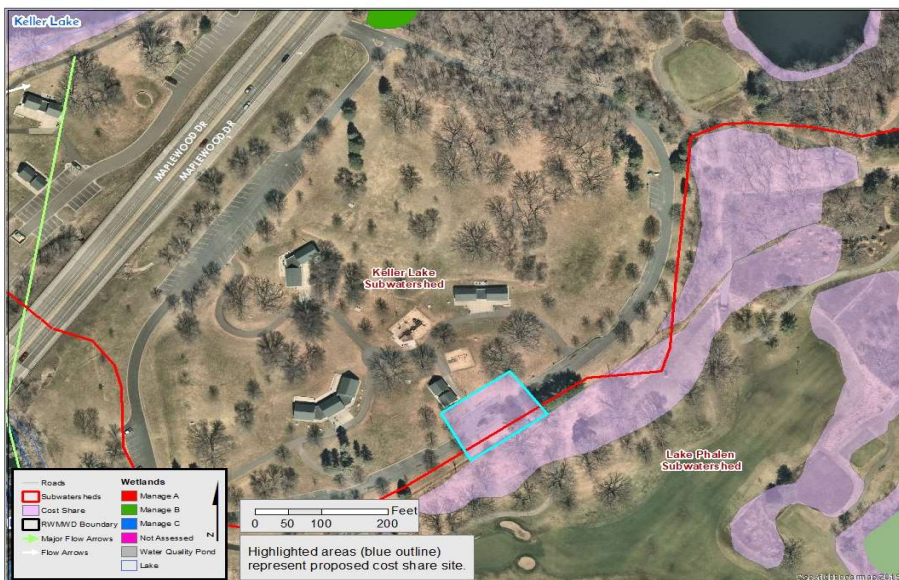
### Recommendation:

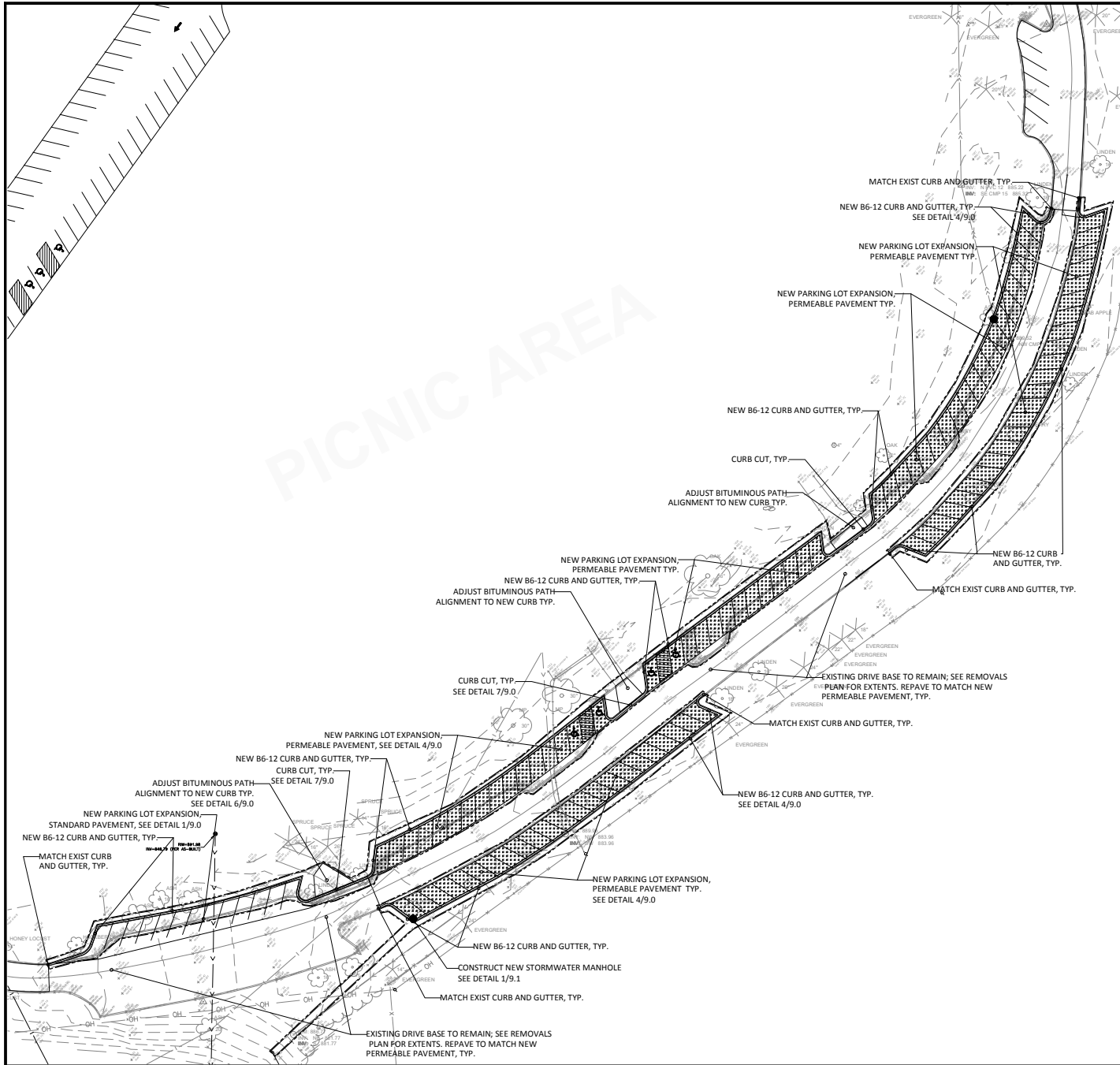
Staff recommends approval of this application.

### Subwatershed:

Keller Lake

### Location Maps:





**GENERAL SITE PLAN NOTES:**

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC CONDITIONS PRIOR TO CONSTRUCTION START. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS. ANY DISCREPANCIES FOUND THAT AFFECT THE WORK SHALL BE REPORTED TO THE OWNER OR OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO ANY ADDITIONAL WORK BEING COMPLETED.

CONTRACTOR SHALL CONTACT "Gopher State One Call" FOR ALL UTILITY LOCATIONS (851-454-0002) 48 HRS PRIOR TO EXCAVATION/CONSTRUCTION.

CONTRACTOR TO VERIFY HORIZONTAL LOCATION AND ELEVATION WHERE A CONNECTION TO EXISTING PAVEMENT, STRUCTURE OR SITE FEATURE IS TO BE MADE.

CONTRACTOR TO WORK OUT OF TREE DRIP ZONE EXCEPT IN AREAS DESIGNATED BY LANDSCAPE ARCHITECT.

CRITICAL LAYOUT DIMENSIONS: THE OWNER OR OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE THE PROJECT LAYOUT TO AVOID UNFORESEEN CONSTRAINTS SUCH AS MATURE TREES, UNFORESEEN SOIL CONSTRAINTS, ETC. THESE ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES, TREES, SITE AMENITIES, ETC. FROM DAMAGE DURING CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE (AT CONTRACTORS EXPENSE). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOCATES. LOCATES SHALL BE MARKED IN THE FIELD FOR REVIEW BY THE OWNER OR OWNER'S REPRESENTATIVE.

CONTRACTOR SHALL STAY WITHIN CONSTRUCTION LIMITS UNLESS APPROVED OTHERWISE BY THE OWNER OR OWNER'S REPRESENTATIVE. THE WORK ZONE SHALL BE KEPT AS MINIMAL AS POSSIBLE DURING CONSTRUCTION. MOVEMENT AND PARKING OF EQUIPMENT SHALL STAY WITHIN WORK ZONE AND NOT CROSS AREAS OTHERWISE UNDISTURBED DURING EARTHWORK OPERATION.

**LAYOUT NOTES:** BITUMINOUS PAVEMENT, CONCRETE CURBS, AND CONSTRUCTION LIMITS SHALL BE FIELD STAKED BY CONTRACTOR. CONTRACTOR WILL NEED APPROVAL BY RAMSEY COUNTY LANDSCAPE ARCHITECT PRIOR TO COMMENCING CONSTRUCTION. CONTRACT ITEMS LAID OUT AND INSTALLED INCORRECTLY WITHOUT PRIOR REVIEW BY RAMSEY COUNTY REPRESENTATIVE WILL BE REMOVED AND REINSTALLED AT CONTRACTORS OWN EXPENSE.

**SPOT GRADES & DRAINAGE REQUIREMENTS:** ALL SPOT ELEVATIONS REPRESENT FINISHED SURFACE GRADE UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL REVIEW GRADING WITH THE LA-ENG. PRIOR TO EARTHWORK TO ENSURE PROPER DRAINAGE. THE INTENT OF ALL PROPOSED SPOT GRADES AND GRADING IS TO MATCH EXISTING GRADES ADJACENT TO NEW CONSTRUCTION TO ENSURE PROPER DRAINAGE AND BLENDING OF NEW GRADES WITH EXISTING ONES. MAX. SLOPES SHALL NOT BE GREATER THAN 4:1 UNLESS OTHERWISE NOTED ON THE PLAN.

**SUB CUT REQUIREMENTS:** GRADES AS SHOWN ARE TO FINISH GRADE. CONTRACTOR SHALL SUB CUT IN ACCORDANCE WITH PAVEMENT SECTIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SURVEYING RELATING TO LAYOUT & SITE GRADING. THE CONTRACTOR SHALL FIELD VERIFY ALL GRADES WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES OR VARIATION FROM PLAN.

**TOPSOIL STRIPPING, STOCKPILING AND RE-SPREADING REQUIREMENTS:** TOPSOIL SHALL BE STRIPPED FROM ALL DISTURBED AREAS FROM COMMON EXCAVATION AND SHALL BE SALVAGED AND STOCKPILED. THE LANDSCAPE ARCHITECT SHALL DETERMINE PLACEMENT OF THE STOCKPILE PRIOR TO CONSTRUCTION.

EXISTING TOPSOIL FROM COMMON EXCAVATION SHALL BE SALVAGED AND STOCKPILED IN A TEMPORARY STORAGE AREA. SALVAGED TOPSOIL SHALL BE FREE OF CONTAMINANTS & DEBRIS ROOTS, WEEDS AND ROCK OVER 4" IN SIZE AND FOREIGN MATERIAL.

CONTRACTOR SHALL STRIP, STOCKPILE & RE-SPREAD SUFFICIENT TOPSOIL TO PROVIDE A MINIMUM 4 INCH DEPTH (COMPACTED) TO ALL DISTURBED AREAS TO BE RESTORED, UNLESS OTHERWISE NOTED. SALVAGED TOPSOIL SHALL NOT BE USED FOR THE TREE BOX RESTORATION. SEE SPECIFICATIONS. ALL DISTURBED AREAS TO RECEIVE SEED/TURF ESTABLISHMENT AND ADD SOIL AMENDMENTS FOR OPTIMUM PLANT GROWTH. TOPSOIL SHALL BE IN A RELATIVELY DRY STATE WHEN PLACED, FINE GRADE TOPSOIL TO ELIMINATE ROUGH OR LOW SPOTS, MANUALLY SPREAD TOPSOIL CLOSE TO TREES, PLANTS, AND PAVEMENT TO PREVENT DAMAGE.

EXCESS STOCKPILE MATERIAL THAT IS NOT SUITABLE FOR REUSE SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL STOCKPILE AREAS AFTER MATERIAL IS REMOVED.

IMPORTED TOPSOIL SHALL BE PLACED IN AREAS WITH INADEQUATE TOPSOIL, AS DETERMINED IN THE FIELD BY OWNER'S REPRESENTATIVE. CLEAN TOPSOIL IMPORT SHALL CONFORM TO MNDOT 3877 TYPE A REQUIREMENTS.

**SILT AND TREE PROTECTIVE FENCE.** CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SILT FENCE PER PLAN PRIOR TO CONSTRUCTION. SILT FENCE LOCATIONS SHALL BE REVIEWED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL STORM DRAIN INLETS

CONTRACTOR SHALL ERECT AND MAINTAIN PROTECTIVE FENCING FOR EXISTING TREES THAT ARE TO REMAIN AND THAT ARE NEAR THE CONSTRUCTION ZONE. OWNER WILL WALK THE SITE WITH THE CONTRACTOR PRIOR TO ROUGH GRADING TO IDENTIFY TREES TO BE PROTECTED TREE PROTECTION INCLUDING PROTECTIVE FENCING SHALL BE CONSIDERED INCIDENTAL TO THE GRADING WORK AND SHOULD BE INCLUDED IN THE CONTRACTORS BID PRICE FOR THAT WORK REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**OTHER NOTES**  
N/C, =NOT IN CONTRACT

**LEGEND**

- CONSTRUCTION LIMITS
- - - SILT FENCE
- - - TREE FENCING
- ▨ PERMEABLE PAVEMENT

0 15' 30' 60' 90'

**RAMSEY COUNTY**  
Parks & Recreation  
2015 VAN DYKE STREET  
MADEIRA LAKE, MN 55419  
TEL: (651)744-5000  
FAX: (651)744-0400

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**CONTACT INFORMATION:**  
Landscape Architect: [Name]  
Project Number: [Number]  
Revision: [Number]

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**DATE:** OCTOBER 2018

**DESIGNED BY:** [Name]  
**DRAWN BY:** [Name]  
**CHECKED BY:** [Name]

---

**TITLE:** GOLFVIEW PARKING LOT SITE PLAN ENLARGED

CD 3.1

SHEET 5 OF 28

PICNIC AREA

CONSTRUCTION DOCUMENTS

GOLFVIEW PICNIC AREA PAVEMENT AND STORMWATER IMPROVEMENTS PROJECT

RAMSEY COUNTY PARKS AND RECREATION DEPARTMENT

KELLER REGIONAL PARK



## Stewardship Grant Application Summary

**Project Name:** Hagerman

**Application Number** 20-08 CS

**Board Meeting Date:** 4/1/2020

**Applicant Name:** Ann Hagerman

**Residential**

**Commercial/Government**

### Project Overview:

This project is located at a property on the west side of Lake Gervais in the City of Little Canada. The property owner is going through our Master Water Steward program. She and another current Master Water Steward have teamed together to pursue a shoreline restoration on her property to fulfill the requirements of their capstone project. The project will help solve severe erosion issues, help filter runoff into the lake, and increase pollinator habitat. The applicant expanded the potential restoration area to allow this project to be a suitable capstone project for both Master Water Stewards. As a combined project, this project is eligible for 100% up to \$30,000.

### BMP type(s):

Shoreline Restoration(1)

### Grant Request:

\$22,000.00

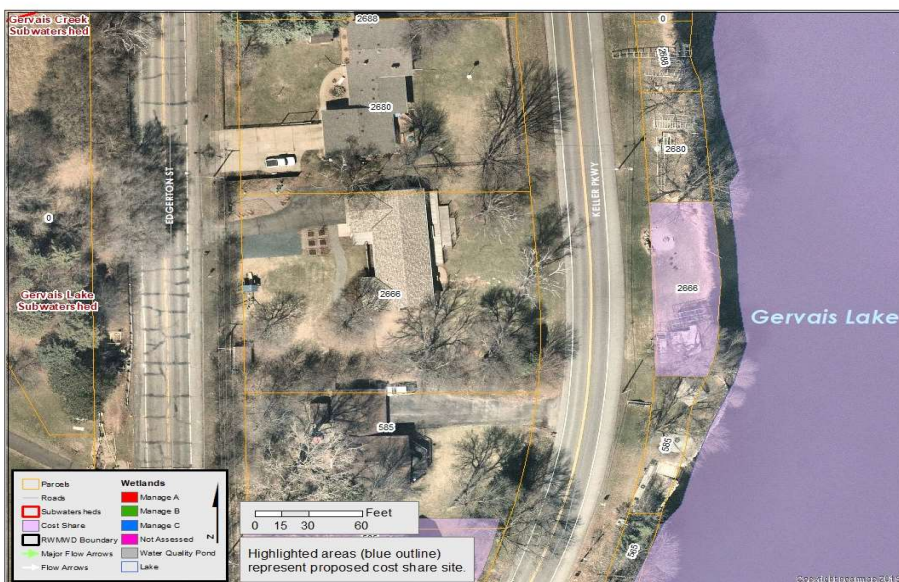
### Recommendation:

Staff recommends approval of this application.

### Subwatershed:

Gervais Lake

### Location Maps:



**PLANT SCHEDULE**

ID	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING
P1	144	AGASTACHE FOENICULUM	ANISE HYSSOP	2" PLUG	18" O.C.
P2	36	ASCELPIAS TUBEROSA	BUTTERFLY MILKWEED	2" PLUG	18" O.C.
P3	78	CALAMAGROSTIS CANADENSIS	CANADA BLUEJOINT GRASS	2" PLUG	18" O.C.
P4	78	CAREX BREVIOR	PLAINS OVAL SEDGE	2" PLUG	18" O.C.
P5	66	PENSTEMON DIGITALIS	FOXGLOVE BEARDTONGUE	2" PLUG	18" O.C.
P6	42	PYNCANTHEMUM VIRGINIANUM	MOUNTAIN MINT	2" PLUG	18" O.C.
P7	60	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	2" PLUG	18" O.C.
P8	120	ZIZIA AUREA	GOLDEN ALEXANDER	2" PLUG	18" O.C.
S1	23	DIERVILLA LONICERA	DWARFBUSH HONEYSUCKLE	#2 CONT.	48" O.C.
<b>647</b>		<b>TOTAL</b>			

