



**Ramsey-Washington Metro Watershed District  
Minutes of Regular Board Meeting  
June 5, 2019**

The Regular Meeting of June 5, 2019, was held at the District Office Board Room, 2665 Noel Drive, Little Canada, Minnesota, at 6:30 p.m.

**PRESENT:**

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

**ABSENT:**

**ALSO PRESENT:**

Tina Carstens, District Administrator  
Amanda Staple, Recording Secretary  
Erin Anderson Wenz, Barr Engineering  
Bill Bartodziej, Natural Resource Specialist  
Kyra Newburg, Water Quality Intern  
Bruce Copley, Crestview Addition  
Gus Blumer, Ramsey County Parks  
Kyle Wahlstrom, Twin Lake  
Mary & Terry Telega, 253 Twin Lake Trail  
Mike McGraw, City of Little Canada Council  
Unreadable  
Unreadable  
Rick Connelly, 3327 Twin Lake Court  
Jesse Farrell, City of Vadnais Heights  
Andrea Carley, Floral Drive  
Steve Bertrand, Twin Lake  
Joe & Willie Pralutsky, Twin Lake  
Jamie Becker-Finn, State Representative  
Bill & Lynn Bonkowske  
Cynthia Callais, Senator Jason Isaacson  
Helen Larson, 185 Twin Lake Trail  
Bill Dircks, City of Little Canada

Paige Ahlborg, Project Manager  
Tracey Galowitz, Attorney for District  
Nicole Soderholm, Permit Inspector  
Dave Vlasin, Water Quality Technician  
Stan & Becky Martin, 289 Twin Lake Trail  
Greg Windsperger, Crestview Addition  
Val Eisele, Twin Lake  
Laurann Kirschner, Galowitz Olson  
John Keis, City of Little Canada Mayor  
Rick Montour, Council, City of Little Canada  
Sheila Otto, Crestview Addition  
Marta Chandra, Twin Lake  
Chris Lund  
Brent Johnson, City of Maplewood  
Jennifer Wellner, Floral Drive  
Steve LaBerge, Crestview Addition  
Burt Johnson, Twin Lake  
Mark Kasma, Bolton & Menk/Little Canada  
Cheryl LeClair-Sommer, 285 Twin Lake Trail  
Matt Gray, Crestview Addition  
Christian Torkelson, City of Little Canada Council  
Tom Fischer, City of Little Canada Council

**1. CALL TO ORDER**

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

## **2. APPROVAL OF AGENDA**

Tracey Galowitz provided additional details on the format for the meeting tonight, including visitor presentations. She explained that the visitor presentation portion of the meeting is the time for residents to provide their input and the agenda item will be only for the Managers to provide input.

Tina Carstens requested to add to two items as Items 9C, Change Order No. 2 and 9D, Change Order No. 1.

Dianne Ward noted that Item 8 would be moved to follow visitor presentations.

Lawrence Swope suggested moving the permits to occur prior to visitor presentations.

Motion: Cliff Aichinger moved, Dr. Pam Skinner seconded, to approve the agenda as amended. Motion carried unanimously.

## **3. CONSENT AGENDA**

### **A. Approval of Minutes from May 1, 2019**

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve the consent agenda as presented. Motion carried unanimously.

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

Motion: Dianne Ward moved, Cliff Aichinger seconded, to approve the June 5, 2019, bill list as submitted. Motion carried unanimously.

## **5. PERMIT PROGRAM (Previously Agenda Item 6)**

### **A. Applications**

#### **Permit #19-19: Roseville Middle School Addition – Little Canada**

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-19. Motion carried unanimously.

#### **Permit #19-20: Buerkle Road Drainage Improvements – Vadnais Heights**

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-20. Motion carried unanimously.

#### **Permit #19-21: Meadowood Berm – Woodbury**

Dr. Pam Skinner asked if building the berm would contribute to a decrease in water quality, as the water will bypass the wetland and go directly into the storm sewer.

Nicole Soderholm stated that the berm will only move the overflow and would not impact active storage or flow.

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-21. Motion carried unanimously.

#### **Permit #19-22: Sterling Street Bridge Replacement – Maplewood**

Dr. Pam Skinner referenced the language stating that there will be fill of low land areas, which could possibly store water and asked if there would be impacts from filling those areas.

Nicole Soderholm provided additional details on the elements of the permit and recommended conditions. She stated that there are not any at risk structures in the floodplain.

Cliff Aichinger noted that there will be a culvert and there will not be restriction of the stream.

Brent Johnson, Bolton & Menk, stated that the culvert will actually be better than the existing bridge structure.

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-22. Motion carried unanimously.

Permit #19-23: Granada Access Road Maintenance – Oakdale

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-23. Motion carried unanimously.

Permit #19-24: Woodbury Middle School Parking Lot – Woodbury

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-24. Motion carried unanimously.

Permit #19-25: Indian Mounds Regional Park Trail – St. Paul

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-25. Motion carried unanimously.

Permit #19-26: Aldrich Arena Stormwater Retrofit – Maplewood

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-26. Motion carried unanimously.

Permit #19-27: Shoreview Commons – Shoreview

Manager Ward asked why the District is permitting this project rather than Rice Creek. Nicole stated that part of this site is in our District and all hydrologically flows back to Snail Lake.

Dr. Pam Skinner asked if this area could be investigated for additional flood storage.

Nicole Soderholm stated that the stormwater reuse pond and iron enhanced basin already go above and beyond the District requirements. She stated that given the site plan and the City's goals for development, she did not believe that there would be additional space for flood storage above the stormwater pond and basin.

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-27. Motion carried unanimously.

Permit #19-28: Maplewood Moose Lodge – Maplewood

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-28. Motion carried unanimously.

Permit #19-29: North Owasso Boulevard – Shoreview

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-29. Motion carried unanimously.

#### B. Monthly Enforcement Report

During May, 14 notices were sent to address: install/maintain perimeter control (5), install/maintain construction entrance (3), stabilize exposed soils (2), contain liquid/solid wastes (2), protect/maintain permanent BMPs (1), and install/maintain energy dissipation (1).

#### 6. **VISITOR PRESENTATIONS (Previously Agenda Item 5)**

Stan Martin, 289 Twin Lake Trail, stated that he was told when he purchased his home that ditch 16 was a guaranteed flood control measure. He was unsure how MnDOT installed the pond without knowing the culvert

was there. He stated that he is concerned that everyone is losing trees. He noted that he has already lost grass and landscaping. He asked if the emergency plan would provide relief to hauling the dead wood. He asked that the ditch be restored as that was a guarantee that the lake would not flood. He stated that pumping is desperately needed.

Bruce Copley stated that he has been before the Board many times since 2016 representing property owners in Shoreview due to concerns about Grass Lake flooding. He stated that the pedestrian tunnel is flooded, the Gray home is flooded and there are additional flooding concerns. He stated that he would like a great sense of urgency to address the flooding and also a larger scale focus to move water south of 694. He stated that only the Watershed District has the resources to ensure that all entities work together to get this done. He reviewed the three strategies that have been proposed by the Watershed District and cannot point to any progress on the strategies thus far. He stated that the delays and nonaction have resulted in missed opportunities and additional problems. He stated that modeling should be done on the smaller and more intense rain events, as those are the incidents causing problems. He reviewed details on the previous modeling that was done by Barr Engineering and stated that only shows the impacts on the properties east of Rice Street. He stated that there was no modeling showing how long it would take for the flood to recede. He stated that there needs to be intense and swift action to ensure that all government entities can come together to get this done.

Greg Windsperger, 455 Suzanne Avenue, stated that he lives within the Crestview Addition. He stated that they are very worried that the water continues to encroach on his property. He stated that he is present tonight to speak for his neighbors Matt and Kerry Gray. He stated that in the four minutes he is speaking tonight, the Grays will pump 33 gallons of water and a total of 12,000 gallons today, which requires a DNR permit. He stated that the Grays have worked with the Watershed District for the past several years and appreciate the cooperation. He noted that three years later the Grays are at a severe threat of flooding as the groundwater level is now two feet above their basement flood. He stated that the 2017 plan to install a pipe at Gramsie Road is still being considered and could possibly be installed the next year. He stated that the previous night the Suzanne pond pumps failed, and alarms sounded throughout the night. He stated that the Grays are frustrated and anxious. They asked for the vigorous leadership of the Watershed District to help coordinate the other government agencies.

Val Eisele, Twin Lake resident, stated that his neighborhood is scared as the lake has risen four feet since November. He stated that the lake continues to rise at .7 inches per day since April. He stated that they need action and the current MnDOT action plan is unacceptable. He explained that June is typically the wettest month of the year and the residents are anxious. He stated that there are many unclear issues and they need a plan. He stated that although they appreciate the communication, they would like answers. They would like the Watershed District to provide an emergency plan for the city to follow and would like the District to create a long-term plan and timeline to restore and maintain the lake at a level that does not threaten homes. He stated that the residents have been working together to sandbag and protect homes. He stated that they would like action and a plan.

Kyle Wahlstrom, 3343 Twin Lake Court, provided updated lake elevation information, noting that the lake is nine inches from the overflow. He noted that one home is under water and another is about to go underwater. He stated that there is a culvert under the berm from the previous drainage system, which could help to drain the lake to a lower level. He stated that there are measures from the past that could be used to help. He stated that there is continual inflow to the lake without a method to drain out. He noted that every body of water downstream from the lake has an outflow, while Twin Lake is taking in water from upstream but cannot let it flow out.

Sheila Otto, 444 Suzanne Avenue, stated that they are the next lowest home following the Gray home. She stated that following the rain and pump fail, the pond rose 14 inches in one night. They are in fear of their home flooding as well. She stated that currently their backyard is a muddy mess, noting that the backyard structures have been raised to prevent water damage. She stated that the biggest concern is their home and was unsure how much more rain they can handle. She stated that they need help now and cannot wait for a dry summer. She stated that water needs to be prevented from entering Grass Lake, as there is no where for that water to go once it gets to the

lake and it simply causes additional issues. She stated that she has letters from 1988 to the City of Shoreview about flooding issues. She stated that they have been patient, but they need action now. She does not believe that the homes of residents is the right place for water storage to occur. She asked the Watershed District to help.

Marta Chandra, 3331 Twin Lake Court, stated that her home is the second lowest level on the lake. She stated that watching this happen over the past two to three weeks has been difficult as the water continues to creep closer to their basement walkout door and has surpassed their landscaping and outdoor amenities. She asked that the Watershed District use its coordinating efforts to help do something now.

Andrea Carley, 370 West Floral Drive, stated that wetland A is a substantial part of the neighborhood, and her concern is that the neighborhood has suffered dramatically and has been very patient. She stated that they purchased their home and remained because of the trail system, which is now not accessible. She believed that property values are suffering from this issue and she is amazed at the slowness of the pumping that is occurring. She stated that this has impacted quality of life and property values.

Jennifer Wellner, Floral Drive, stated that she was here two or three years ago and cannot believe that the Watershed District cannot do anything to solve this problem. She stated that it appears that the Twin Lakes residents could take legal action as their homes are being taken by the water. She could not believe that the Watershed District could not improve the problem over the past three years.

Steve Bertrand, 154 Twin Lake Boulevard, stated that he is the lowest home on the lake. He stated that he spent Memorial Day weekend sandbagging and stayed up last night manning pumps as the water is at his doorstep. He stated that 20-foot trees are falling down in yards without warning. He stated that the residents need something to help. He stated that his family has lived on the lake for 64 years and there has never been a problem of this nature.

Steve LaBerge, 464 Dudley Avenue, stated that from May 1, 2018 to November 6, 2018 there were 26 water gauge reading reports on the DNR website, noting that all levels exceeded the flood elevation. He stated that the effects of the Grass Lake elevations have impacted surrounding properties. He stated that in 2017 the District undertook a large study of the Grass Lake and Snail Lake areas. He stated that it is imperative that the project recommended by that study be approved and occur this year. He noted that the District website states that the EAW would be complete by July and reviewed the timeline that would follow for approval. He stated that there is no resiliency to complete that project this summer. He noted that it appears that VLAWMO sees no incentive in the change. He stated that it seems illogical to have part of this watershed under VLAWMO control.

Mary Telega provided a photograph of the deck in their yard, which is under water. She stated that her shed is sandbagged, and they are pumping. She noted that even though the structures are not homes, they are of value and these properties are losing values. She stated that there is a huge issue and it sounds like a lot of people are impacted without seeing action. She stated that there is a lot of water coming into the lake with no way for the water to outlet. She asked what happened to ditch 16, which previously acted as an outlet. She stated that she started to become concerned when water came close to their deck in 2016 and it just continues. She stated that they are also concerned with the sewers that are under water as they will not be able to tell if those fail. She stated that something needs to happen now.

Cheryl LeClair-Sommer, 285 Twin Lake Trail, stated that she spent a lot of time today reviewing the District website. She noted that it appears there are multiple problems in different areas. She stated that there have been multiple studies and projects that had the potential to flood Twin Lake. She stated that although remediation was mentioned, there was no action taken. She stated that the overflow for Twin Lake is not accurate and has changed over time. She noted that ditch 16 no longer exists and the culvert has been filled in. She stated that currently Twin Lake is 2.12 feet above the 100-year flood elevation. She noted that the lake levels cannot be sustained. She

stated that pumping would seem to be a cautious approach that could help to reduce flooding in a controlled manner.

**7. TECHNICAL MEMO, PRESENTATION AND DISCUSSION: DISTRICT FLOODING CONCERNS (Previously Agenda Item 8)**

Tina Carstens thanked everyone for attending and providing comments tonight to the Board and staff. She stated that this is a place the District has not been before as long term water levels have not been planned for in the past and have not occurred to this extent. She stated that the District is working diligently to discover the information and provide that to the City of Little Canada as quickly as possible. She noted that some of the Managers were able to get out to Twin Lake today to see the impacts. She noted that the memorandum was provided in the packet and will review the information that will be provided to Little Canada.

Erin Anderson Wenz stated that there was a lot of information provided in the technical memorandum. She provided photographs from the Twin Lake area and MnDOT overflow berm. She stated that the discussion on the outlet of the lake will continue but a more imminent decision will need to be made tonight.

Manager Aichinger asked if there would be a way this summer to prohibit the water from crossing over the berm into the pipe.

Erin noted that will be looked at in the next steps. She stated that the District is concerned with the overland connection, noting that as West Vadnais stayed high there was a potential connection to Twin Lake. She stated that if West Vadnais reaches 884.8, water could go into the mobile home park overland, but that above a West Vadnais Lake elevation of 884, water has access to a local 24-inch drainage pipe at a lower elevation west of the Five Star Mobile Home Park that carries water to Twin Lake. She stated that this is new territory as this is the first time West Vadnais has reached this elevation for any significant length of time to allow additional flow into the pipe and into Twin Lake which is causing additional problems this year.

Manager Ward stated that West Vadnais seems to be the pinch point for both Twin Lake and Grass Lake and the Crestview Addition.

Erin stated that water is higher in these water bodies than it has ever been in the collective history and therefore water is finding new pathways out. She stated that, in addition, if West Vadnais reached 885, the water has a path to East Vadnais. She stated that Twin Lake was high prior to this year, as have many throughout the region, but acknowledged that the flow from West Vadnais through the 24-inch pipe increased that problem in the spring of 2019.

Manager Swope stated that there are so many government bodies involved and asked how many times the groups are meeting.

Tina stated that staff have been consistently meeting with other agencies, noting that everyone is being very reactive and is working quickly.

Erin stated that West Vadnais is within VLAWMO and staff has spoken with and continues to meet with VLAWMO staff.

Manager Ward noted that this discussion began one year ago and asked what is different now.

Erin noted that there is more urgency from the entities because there is a home at risk. She noted that prior to that time there was not an imminent risk to a home. She reviewed the different activities and studies that were completed thus far. She stated that the District approach has been to work closely with the cities and optimize

flood storage in the Grass Lake/Snail Lake area because there were not homes at risk. She stated that there are flooding concerns everywhere noting that it is a challenging time in water management.

Manager Skinner stated that the District has done a lot in the past 25 years and stated that perhaps it would be helpful to create a timeline of the activities that have been done since the District inherited the Grass Lake area.

Manager Swope stated that the issue is not that the District has not done anything, but more that it has not changed anything.

Erin provided additional details on modeling that was done, using the example of the 10-day snow melt modeling that was done. She noted that other watershed districts and cities are struggling with the same issues right now. She stated that she is sympathetic to Matt Gray, but the sump pumps are keeping up with the water and flooding is not occurring. She noted that staff continues to work with him. She stated that there are some things the District needs to consider about what it will manage and what it will not. She explained that flooding from groundwater is not something the District manages.

Manager Aichinger asked how the water could be stopped from entering the mobile home park.

Erin stated that the District is working with Vadnais Heights to provide information. She explained that the District's role is to provide information and share models to help the cities make decisions.

Erin provided background information on the water level of Twin Lake. She stated that this spring the District has been working to discuss the changing situation at Twin Lake with municipal and agency stakeholders to build consensus around informed and coordinated decisions. She provided background information on the perspective of the different stakeholders including Little Canada, Vadnais Heights, MnDOT, DNR, and St. Paul Regional Water Service. She reported that 2019 is the fourth wettest spring on the historical record for the Twin Cities Metro Area, and that this decade (2010-2019) is tracking to be the wettest decade on the historical record for the state of Minnesota.

Manager Skinner noted that with climate change this trend could continue.

Erin provided information on how this increased water has impacted the lake levels throughout the District. She explained that in 2018 the District did not create an emergency plan for Twin Lake because there was no emergency and then compared those levels to the 2019 levels. She noted that this is the first time that West Vadnais has had this sustained elevation. She stated that Little Canada is meeting the following morning to discuss several options and reviewed some of those options. She provided additional details on how pumping could occur, should Little Canada choose that option. She stated that there are habitable structures at risk of flooding under the 100-year flood elevation downstream that could be impacted from pumping and identified those areas, noting that North Star Estates is the densest concentration of homes at risk. She explained that pumping Twin Lake would shift the risk from the low home on Twin Home to many of the homes in North Star Estates.

Manager Ward stated that it would appear there is some level of pumping that could occur without increasing that flood risk downstream.

Erin stated that MnDOT and the District staff recommend that if Little Canada pumps, that must stop 12 to 24 hours prior to a storm event. She stated that models were run to determine a risk from pumping for Gervais Lake and noted that that risk is very small. She reviewed the options to try and relieve the flooding on Twin Lake without posing a significant risk to other areas of the District. She also included the risk of no action, including but not limited to more flooding on Twin Lake and the uncontrolled topping of the berm along the MnDOT pond which would send more water downstream in an uncontrolled manner.

Tracey Galowitz provided additional information on the legal perspective of liability when changes are made. She stated that this is water that has not been seen before and could not be predicted. She stated that if something happens downstream next year, using Gervais as an example, there could be liability. She noted that the situation currently is not the fault of the District. She stated that the Board will make the decision tonight on whether or not to support that option.

Manager Ward commented on the risk for not pumping and continued monitoring.

Tracey stated that it would be the responsibility of the city to monitor and maintain the pumping, should that be the choice. She stated that the role of the District is to oversee the larger watershed area as water flows through different municipal boundaries.

Erin explained that the flooding occurring right now is not from an action the District took.

Tracey stated that her job is just to educate and it's the Board's job to make the decision.

Manager Ward asked the number of cubic feet per second that would be recommended for pumping.

Tina stated that the city would make the recommendation on the amount to pump but confirmed that if there was going to be pumping, it should be above that level coming in from West Vadnais.

Manager Ward asked why West Vadnais is not pumped out to equal out the output and then the remainder pumped from Twin Lake.

Erin stated that will be a discussion going forward but noted that the decision tonight is for a short-term emergency response for the low home on Twin Lake. She stated that the managers should weigh the risks and benefits of instructing the City of Little Canada to pump water to alleviate the flooding. She stated that the Board will continue to receive updates on the process and progress.

Motion: Cliff Aichinger moved, Dr. Pam Skinner seconded, to support the pumping option and direct staff to continue to provide technical support to Little Canada and to direct staff to research the options to eliminate the water flowing from West Vadnais Lake to Twin Lake. Motion carried unanimously.

President Ebensteiner confirmed that the District will act as a technical advisor and the details of pumping would be the choice of Little Canada.

John Keis, Little Canada Mayor, stated that this would just be pumping water that is coming from West Vadnais and they are looking for help in stopping that bigger problem of water coming from upstream and having impacts downstream.

Tom Fischer, City of Little Canada, stated that they are looking to the District for an emergency plan and long-term plan to assist.

Erin noted that this is a short-term emergency action. She explained that even though it can seem time consuming, the longer-term decisions are huge decisions that take time to review all the potential impacts.

President Ebensteiner recognized that there are a lot of stakeholders involved in issues of this nature.

Manager Skinner asked for input on possible sewer contamination.

Bill Dirks, City of Little Canada, stated that half the manholes are currently underwater. He noted that a new engineer has been hired that will complete a full study to ensure functionality.

Mark Kasma, Bolton & Menk, provided background information that he has learned thus far. He noted that the top end and bottom end of the system are being monitored daily to ensure that it is grey water and not clear water from the lake.

Manager Aichinger noted that if there was an issue leaking, it would be outside water leaking into the pipe and not sewer water leaking out.

Manager Skinner asked for the details on the possible boundary change to incorporate West Vadnais.

Tina Carstens confirmed that she will attempt to coordinate a joint meeting with VLAWMO and a possible boundary change to incorporate West Vadnais, and at least continue discussions on joint management.

Manager Aichinger stated that in the long-term it is reasonable, but it would take about one year to complete. He stated that a decision to change the boundary is not going to change the EAW process and therefore that should not drive the action.

President Ebensteiner noted that there is so much more to consider that comes along with changing boundaries. She noted that additional information would be needed in terms of costs, problems, and additional staff time.

Motion: Lawrence Swope moved, Cliff Aichinger seconded, to direct staff to investigate positives and negatives of taking West Vadnais Lake into the District would entail, including a schedule of the process and steps that would need to be taken. Motion carried unanimously.

## **8. STEWARDSHIP GRANT PROGRAM (Previously Agenda Item 7)**

### **A. Applications**

#### Permit #19-10 CS: Concordia Arms – 4 Rain Gardens

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve Permit #19-10 CS. Motion carried unanimously.

#### Permit #19-11 CS: Reynen – 2 Rain Gardens

Motion: Dianne Ward moved, Lawrence Swope seconded, to approve Permit #19-11 CS. Motion carried unanimously.

#### Permit #19-12 CS: 2019 Lake Phalen Aquatic Vegetation Harvesting

Motion: Cliff Aichinger moved, Dr. Pam Skinner seconded, to approve Permit #19-12 CS. Motion carried unanimously.

#### Permit #19-13 CS: City of Woodbury Stormwater Maintenance Project – Habitat Restoration

Motion: Dr. Pam Skinner moved, Cliff Aichinger seconded, to approve Permit #19-13 CS. Motion carried unanimously.

### **B. Budget Status Update**

No discussion.

## **9. ACTION ITEMS**

### **A. Stormwater Pollution Prevention Plan Annual Report**

Tina Carstens noted that this is an annual report, noting that the District is an MS4 because of the management of the Beltline.

Motion: Dr. Pam Skinner moved, Cliff Aichinger seconded, to accept the 2018 MS4 Annual Report and authorize the District Administrator to submit the report to the MPCA. Motion carried unanimously.

B. 2019 Rule Amendment Approval – Resolution 19-01

Motion: Cliff Aichinger moved, Lawrence Swope seconded, to approve the rule revision and adopt Resolution #19-01. Motion carried unanimously.

C. Change Order No. 2 CMAC Filtration BMP at Willow Pond

Motion: Dr. Pam Skinner moved, Dianne Ward seconded, to approve Change Order No. 2 for the CMAC Filtration BMP at Willow Pond, extending the contract end date to June 30, 2019. Motion carried unanimously.

D. Change Order for Capital Improvement Maintenance/Repair 2019

Motion: Dr. Pam Skinner moved, Dianne Ward seconded, to approve the change order extending the contract end date to June 30, 2019. Motion carried unanimously.

**10. ADMINISTRATOR’S REPORT**

A. Meetings Attended

No comments.

B. Upcoming Meetings and Dates

No comments.

C. Joint Meeting with Vadnais Lake Area Watershed Management Organization

No comments.

D. District 2018 Water Quality Summary

No comments.

E. MAWD Summer Tour Reminder

Noted.

**11. PROJECT AND PROGRAM STATUS REPORTS**

A. Ongoing Project and Program Updates

- i. Flood Risk Response Planning
- ii. Owasso Park Stormwater Master Plan
- iii. Beltline Resiliency Study
- iv. FEMA Flood Mapping
- v. West Vadnais Lake Outlet Permitting
- vi. 500 Year Atlas 14 Modeling
- vii. Wetland Restoration Site Search
- viii. Auto Lake Monitoring Systems
- ix. Maplewood Mall Monitoring
- x. Spent-Lime Pond Research Project
- xi. Kohlman Basin Test Weirs
- xii. Wakefield Park/Frost Avenue Project
- xiii. Targeted Retrofit Projects
- xiv. Willow Pond CMAC
- xv. Cottage Place Wetland Restoration

- xvi. Aldrich Arena Site Design
- xvii. CIP Maintenance and Repair 2019 Project
- xviii. New Technology Review – EnviroDIY
- xix. Natural Resources Program
- xx. Education Program

**12. INFORMATIONAL ITEMS**

No comments.

**13. REPORTS OF MANAGERS**

No comments.

**14. ADJOURN**

Motion: Dr. Pam Skinner moved, Lawrence Swope seconded, to adjourn the meeting at 9:15 p.m. Motion carried unanimously.

Respectfully submitted,

Dr. Pam Skinner, Secretary