MINUTES OF THE REGULAR MEETING OF THE BOARD OF MANAGERS OF THE NINE MILE CREEK WATERSHED DISTRICT

WEDNESDAY, DECEMBER 19, 2018

Call to Order

Acting Chair Peterson called the meeting of the Board of Managers of the Nine Mile Creek Watershed District to order at 7:00 p.m., Wednesday, December 19, 2018, at the Nine Mile Creek Watershed District Office, 12800 Gerard Drive, Eden Prairie, MN 55346.

Managers Present:	Cutshall, Hunker, Sheely and Peterson
Managers Absent:	Kloiber.
Advisors Present:	Randy Anhorn, Louis Smith, Jana Kieffer, Erica Sniegowski, and Lauren Foley

Agenda

Administrator Anhorn stated that he did receive a deer management request from the city of Eden Prairie, similar to the request from the previous year and requested to add that to the agenda under New Business, as Item D.

Manager Hunker moved, seconded by Manager Cutshall, to approve the agenda as amended. Upon a vote, the motion carried.

Reading and Approval of Minutes

The Chair called for review of the minutes of the Regular Meeting of November 13, 2018. The Managers provided minor grammatical changes to staff.

Manager Sheely moved, seconded by Manager Hunker, to approve the November 13, 2018 minutes subject to minor corrections. Upon a vote, the motion carried.

Public Open Forum

There were none.

Permitting Coordinator Position Update

Administrator Anhorn introduced the newest member of the staff, Permit and Water Resources Coordinator Lauren Foley. He noted that she began with the District 1.5 weeks ago

and reviewed some of the activity that she has been involved with since joining the team. He stated that she will also meet with legal counsel and staff from other Districts to discuss permitting. He noted that she has also spent time reviewing the guidance documents used by other Districts.

Acting Chair Peterson welcomed Permit and Water Resources Coordinator Lauren Foley to the team on behalf of the Board.

<u>City of Edina Presentations</u>

A. Model Contract for Snow and Ice Management

Administrator Anhorn stated that the District cost-shared on the contract for snow and ice management, noting that the District legal counsel assisted in developing the model contract.

Jessica Wilson, City of Edina, stated that she met with Master Water Stewards last spring and a major concern was chloride pollution. She stated that a group of professionals and stakeholders were gathered to help develop this model contract. She stated that Attorney Smith did a great job interpreting those comments to assist in creating this model contract. She stated that the model contract is also provided on the Edina city website.

Manager Sheely stated that she enjoyed the background information that she found on the Edina city website.

B. Water Conservation

Ms. Wilson stated that over the course of the last year, the city reviewed water conservation practices to determine the best methods that could be used to further that effort. She stated that the Local Water Plan was implemented the previous year and therefore work began on this element following adoption of the Plan. She reviewed the current observations and what can be expected in the future in terms of climate changes. She displayed the trend in water use, noting that ground water use has increased over time as communities continue to develop. She reviewed the services that the city provides to users and noted that in a drought, irrigation and non-essential uses would be banned. She stated that most Edina residents have metered connections to city water. She noted that those residents that do not have Edina city water, connect to neighboring communities such as St. Louis Park and Minneapolis along with 40 properties that use private wells. She displayed a utility asset management graphic and provided additional explanation. She stated that water in Edina is mostly used for residential use and provided details on the other uses for water in the community. She stated that the Water Supply Plan was recently completed and identified the top users for water in the community. She reviewed the prime times for water use, noting that the summer use is 2.5 to three times as high as winter use. She stated that overall more ground water is being used metro wide, but there is a downward trend over the past 20 years. She stated that people are moving in the right direction, although it may not be at the right pace. She provided details on current conservation ordinances and standards in place in the planning code. She stated that a combination of efforts would be needed to reach the goal of increased water conservation and provided examples of some of those conservation methods. She noted that water reuse will be one of the most efficient methods of water conservation, providing the example of reusing stormwater for irrigation purposes. She stated that water pricing could also be an effective method of incentivizing water conservation. She stated that irrigation is also a big concern in terms of conservation. She stated that the city currently uses an odd/even watering ban with no watering allowed during the midday. She stated that lawns require one inch of water per week, and perhaps the odd/even ban is encouraging residents to water on their day. She stated that the purpose of the ban is to ensure the adequate water supply.

Ms. Wilson stated that information does not lead to action. She stated that money does not lead to sustainable action, and therefore you must motivate and inspire people to make the change towards conservation. She stated that conservation efforts are working and increasing the capacity in the system and therefore there is possible growth available in the water utility. She stated that the largest opportunity for conservation is with the largest water users. She stated that as the infrastructure investments are reviewed in the future, the technology may be available to assist in enforcement for lawn irrigation. She stated that the city is already working to determine if turf could be replaced with alternate materials that require less watering in public spaces. She stated that the water conservation pricing tiers could also be reviewed for possible modifications. She noted that the primary focus would be to amend the tier for those using the water for non-essential outdoor uses. She reviewed some other possible actions that can assist with future water conservation efforts.

Manager Cutshall asked if the city is doing anything now with residents to encourage a reduced use of turf grass and instead use native plants. He asked if there are ordinances in place that would prohibit a resident from replacing turf in their yard with native plants.

Ms. Wilson replied that the city hosts Metro Blooms workshops each year, which have been well attended. She stated that they also share the cost-share options available through the Watershed District. She noted that when new homes are constructed, the ground must be covered to receive a certificate of occupancy and therefore turf is the cheapest and quickest option for the builder to turn around that property for sale which means that it would be up to the homeowner if they wanted to replace a portion with native plants. She stated that in terms of the code, there is a weed ordinance but stated that there is not a case where a well-maintained native plant bed has been flagged under the weed ordinance.

Administrator Anhorn thanked Ms. Wilson for sharing the information with the Board tonight.

Consent Agenda

- A. Permit #2018-116: Site and Utility Improvements at McDonalds; 4637 Shady Oak Road – Minnetonka
- B. Permit #2018-120: Parking Lot Expansion for Film Tec; 7215 Cahill Road Edina
- C. Permit #2018-126: Parking Lot Expansion and Building Addition at the Southwest Transit Bus Garage; 14405 West 62nd Street Eden Prairie
- D. Permit #2018-130: Sediment Removal within Normandale Lake; 5501 West 84th Street Bloomington
- E. Administratively Approved Permits
- F. Permit Inspection Report

Manager Sheely stated that she was pleased to see the use of permeable pavers listed as an alternative BMP used to meet the District's stormwater rule in two of the permits.

Acting Chair Peterson asked the type of maintenance that is required for permeable pavers.

Administrator Anhorn provided details on the maintenance requirement, noting that the permeable pavers are listed on the stormwater maintenance declaration that would eventually be recorded with the county.

Engineer Kieffer stated that the owner would need to ensure that the required infiltration is being provided through the use of the permeable pavers. She noted that vacuuming is often needed.

Manager Sheely moved, seconded by Manager Cutshall, to approve the Consent Agenda. Upon a vote, the motion carried.

Hearing of Permit Applications

A. Permit #2018-48: Villa of Glen Lake; 5571 and 5525 Eden Prairie Road – Minnetonka

Engineer Kieffer presented the permit request and proposed plans. She stated that this request will subdivide the property, which take the two lots to create a total of four lots. She stated that 100 percent of the impervious surface will be disturbed and therefore stormwater will be required to treat the entire site. She provided details on the stormwater treatment that would be provided that will lead to the infiltration basin. She stated that the infiltration basin will meet the requirements of the District in terms of rate control, volume control, and water quality treatment. She stated that when the District rules were revised there was an exemption for single-family properties regarding the chloride management plan. She noted that there will be individual lots for the homes but then a common area that will be owned and managed by the Homeowners Association.

Administrator Anhorn stated that the permit application was submitted by an LLC that currently owns the property but will then sell the lots to individual property owners and the HOA

will then own the common area. He asked the Board for direction on whether a chloride management plan should be required or whether this should be seen as an exemption because of the single-family homes.

Attorney Smith stated that this may not be considered a single-family project, as this is a subdivision of the property with a common area and therefore, he believed would fall under the chloride management plan requirement. He agreed that it would be a judgement call for the Board.

Manager Cutshall stated that although this is technically single-family homes, the subdivision does feel more like a townhome development.

Acting Chair Peterson noted that the rule requiring a chloride management plan does apply to townhome developments.

Manager Sheely stated that she would want the District to remain consistent when similar requests come forward.

It was the consensus of the Board to find that the project reflects a subdivision of multiple homes and a common area, and therefore to require a chloride management plan for the property.

Engineer Kieffer stated that staff is recommending approval of the permit, subject to the conditions noted in the packet. She noted that the in packet the numbers are reversed and should state the surety amount as \$13,900 and then an additional \$5,000 required for the chloride management aspect for the total amount of \$18,900.

Manager Hunker moved, seconded by Manager Sheely, to approve the permit subject to the noted conditions, including a chloride management plan. Upon a vote, the motion carried.

B. Permit #2018-129: Stream Channel Stabilization; 7808 Creekridge Circle – Bloomington

Engineer Kieffer presented the permit request and proposed plans. She provided details on the maintenance/repair project proposed by the City of Bloomington, which includes a vegetative reinforced soil slope. She stated that the project triggers several of the District's rules and noted that the design meets the rules with the exception of rule two, floodplain management. She stated that the design includes 82 cubic yards of boulders and riprap which will be installed below the 100-year flood elevation of the creek, which requires compensatory storage elsewhere under the rule. She stated that the small amount of fill has a very small impact on the flood elevation of the creek. She stated that staff recommends that the Board consider an exception in this case as the work being done is necessary to prevent further degradation and instability in the embankment. She stated that the benefits outweigh the very minor impact on flood storage. Administrator Anhorn noted that this is similar to the riprap that was used in the Normandale project. He noted that this discussion will be a transition into the discussion later tonight and at a future workshop related to the District's floodplain rule.

Manager Hunker asked and received confirmation that a similar exception was approved for the Normandale project.

Manager Sheely asked where additional storage could be provided that would not damage the streambank. She confirmed the height of the slope, which is eight to nine feet.

Engineer Kieffer provided additional details on how the channel has moved over the years.

Acting Chair Peterson stated that this appears to be the best solution to allow quick action by the city to prevent further degradation of the high bank/slope.

Manager Sheely asked and confirmed that this rock wall would dissipate the velocity of the flow rather than push the erosion further downstream.

Attorney Smith asked for details on whether geotextile fabric would be required.

Engineer Kieffer stated that geotextile fabric is not included in the design but confirmed that the language states that the design will incorporate that fabric. She stated that staff does not feel that geotextile fabric would be necessary in this case, but the applicant will review the option in the future. She explained that the geotextile fabric may not be needed in every design and would be reviewed on a case by case basis.

Attorney Smith noted that the use of geotextile fabric should also be something to consider when the floodplain rule is discussed at a later time.

Manager Sheely moved, seconded by Manager Hunker, to approve the exception to the District's floodplain rule as indicated on the engineering review as the benefit of bank stabilization provide for better resource protection and there will be minimal impacts. Upon a vote, the motion carried.

Manager Sheely moved, seconded by Manager Cutshall, to approve the permit with the noted exception. Upon a vote, the motion carried.

Treasurer's Report

The Treasurer submitted the report. Manager Cutshall provided clarification on certain items included in the report.

A. Rachel Contracting and Sunram Pay Requests

Engineer Kieffer recommended approval of the pay request submitted by Rachel Contracting.

Manager Sheely moved, seconded by Manager Hunker, to approve the pay request from Rachel Contracting in the amount of \$47,955.50. Upon a vote, the motion carried.

Engineer Kieffer recommended approval of the pay request submitted by Sunram Construction.

Manager Hunker moved, seconded by Manager Sheely, to approve the pay request from Sunram Construction in the amount of \$6,816.90. Upon a vote, the motion carried.

Manager Sheely moved, seconded by Manager Cutshall, to approve the Treasurer's Report and pay the bills. Upon a vote, the motion carried.

Staff Reports

A. Education and Outreach Program Coordinator

Program and Project Manager Sniegowski noted that a written report was included in the packet.

B. Program and Project Manager

Program and Project Manager Sniegowski highlighted that the District received a 40 percent disbursement on the Clean Water Fund grant from BWSR to cover the costs the District has incurred. She stated that the State of the Waters event was well attended, and staff received great feedback. She stated that the BWSR Clean Water Fund grant applied for to fund the installation of the seven BMPs with the six churches the District has been working with was not awarded. She stated that she did submit to Hennepin County for an opportunity grant, noting that those results should be known soon. She stated that there are commitments from the churches that they would like the BMPs in the ground and staff will continue to research options for funding.

C. Administrator

Administrator Anhorn stated that his written report was included in the packet.

i. Correspondence

Administrator Anhorn highlighted some recent correspondence that the District has received.

Administrator Anhorn noted that the MAWD legislative day at the capital is scheduled for February 20th and 21st. He provided updates on per diem and reimbursement request deadlines.

New Business

C. Hopkins Local Water Resources Management Plan

i. Review Letter

Administrator Anhorn stated that the District has reviewed similar plans for four other cities within the watershed. He stated that staff has completed the review of the Hopkins plan and taken into account the review and comments from the Metropolitan Council. He noted that within the review letter the items that must be addressed were identified and provided a highlight of those items. He noted that some of the items that must be addressed as recommended by the District were also recommended by the Metropolitan Council. He stated that staff recommends conditionally approving the plan as proposed in Resolution #18-13.

Nate Stanley, City of Hopkins, stated that District staff has been in contact with the City and its consultant about the comments and he does not have concerns with the resolution as proposed.

Engineer Kieffer stated that she spoke with legal counsel prior to the meeting and recognized one potential change to the memorandum on page two, item three and provided recommended changes to the language which would be more consistent with the approvals given to other member cities.

ii. Draft Resolution #18-14 – Conditionally Approving the City of Hopkins Local Water Resources Management Plan

Acting Chair Peterson confirmed the consensus of the Board to waive reading of the whereas statements and read the proposed resolution aloud.

Manager Hunker, moved, seconded by Manager Sheely, to adopt Resolution #18-14 Conditionally Approving the City of Hopkins Local Water Resources Management Plan. The Administrator conducted a roll call vote:

Yay Nay

CUTSHALL X HUNKER X PETERSON X SHEELY X

The motion carried.

Unfinished Business

A. District's Floodplain Rule

Administrator Anhorn stated that staff would like to schedule a workshop for perhaps the first Thursday in January, depending upon availability. He stated that action is proposed tonight on the proposed resolution and additional discussion will continue on the floodplain rule at the workshop. He confirmed the consensus of the Board to hold the workshop at 5:30 p.m. on January 3, 2019.

i. Draft Resolution #18-13

Engineer Kieffer stated that the discussion tonight will consider the difference between storage and flood storage. She noted that a more permanent revision to the rules will be done after further discussion at the workshop. She explained the difference between dead storage and live storage. She stated that staff would like to document, through the resolution, that although the rules state that filling below the 100-year elevation would require compensatory storage, what is really meant is filling live storage as filling dead storage will not have an impact on flood storage.

Manager Cutshall asked how the 100-year flood elevation is set.

Engineer Kieffer provided additional clarification on how the calculation is done to determine the elevation.

Acting Chair Peterson asked what would happen if a large amount of the dead storage was filled.

Engineer Kieffer replied that from a flood control perspective, that would not change anything and therefore the floodplain rule is not the right place to regulate that activity. She stated that if it were a pond on private property and that was constructed as part of a previous permit through the District for water quality purposes, filling would not be allowed, unless an equivalent BMP is provided.

Acting Chair Peterson asked if sediment from upstream accumulating would impact flood storage.

Engineer Kieffer stated that sediment does accumulate in some water bodies and if that area is considered dead storage, the sediment is not impacting the flood storage available but is impacting the functionality of the water quality treatment and therefore again, the floodplain rule would not be the proper place to address that issue. She stated that the proposed resolution is a clarification to the rule. She noted that additional modifications to the rule could be considered during the workshop discussion when further revisions to the rule are discussed.

Attorney Smith noted that the proposed resolution provides a tight clarification on the language. He stated that in a flood sensitive watershed perhaps from a policy basis, would the District want to take a protective stance that even though the floodplain calculations do not count

dead storage the District should perhaps take a protective stance in preventing fill of dead storage.

Administrator Anhorn stated that the District would need to have a reason and a number for that.

Attorney Smith asked how often people are proposing to fill dead storage, other than the District request.

Administrator Anhorn stated that the issue will come forward with city utility projects and he would not want the District to continue to issue exceptions when this is the way the District has been interpreting the rules.

Manager Hunker stated that in the case of filling certain bodies of water, a different water quality treatment option would need to be provided and therefore that element would be caught under a different rule.

Engineer Kieffer agreed that the dead storage does provide redundancy in some instances, but in other instances there is no benefit provided by the dead storage. She noted that further discussion regarding potential revisions to the rules will occur at the January workshop.

Acting Chair Peterson asked and received confirmation that the instances in which the District is receiving requests has only been from government instances rather than private applicants.

Acting Chair Peterson confirmed the consensus of the Board to waive reading of the whereas statements and read the proposed resolution aloud.

Manager Hunker moved, seconded by Manager Sheely, to adopt Resolution #18-13 Adopting Policy Requiring Creation of Compensatory Storage Under Rule 2.0 Floodplain Management and Drainage Alterations Only for Flood Storage. The Administrator conducted a roll call vote:

Yay	Nay

CUTSHALLXHUNKERXPETERSONXSHEELYX

The motion carried.

B. Minnetonka/Hopkins Regional Stormwater Management Request Update

Administrator Anhorn stated that staff met with the cities and Southwest Light Rail on the Shady Oak property. He noted that the pond will not be able to infiltrate because of contamination and therefore the pond will be used for water quality purposes. He stated that excess volume control will still be offered in another area of the corridor, even though that will not be required because of the contamination.

New Business (Continued)

A. Hennepin County Update Pictometry Imagery Contract Renewal

Administrator Anhorn stated that the County has been providing free aerial photography and the updated images will also be free. He stated that proof of authorization is required and therefore the contract is required.

Manager Hunker moved, seconded by Manager Cutshall, to authorize the Administrator to work with legal counsel on the documents and execute renewal of the Hennepin County Updated Pictometry Imagery Contract. Upon a vote, the motion carried.

B. City of Minnetonka's Request for Partial Release of a Restricted Covenant

Administrator Anhorn stated that this came before the Board recently and includes an outlot that was preserved as part of a previous development, prior to the District's rules. He stated that now that the new rules have been implemented the easement is not needed as development of that area would need to meet the requirements of the District floodplain rule. He explained that the District rules take the place of the easement, which means that the easement is no longer needed.

Manager Sheely moved, seconded by Manager Cutshall, to authorize the Chair to execute the Partial Release of Reversionary Interest and of Declaration of Restrictive Covenant. Upon a vote, the motion carried.

D. Consider Deer Management Request

Administrator Anhorn stated that the District had this request the previous year. He stated that the city would like to use the District property to strategically bait and take out five to ten deer to manage the issue. He stated that there have been some complaints from the neighbors on the deer. He explained that police sharp shooters are used, and it is a clean process. He stated that although the District approved the request the previous year, the city did not go forward with the action.

Manager Sheely moved, seconded by Manager Hunker, to authorize staff to execute an agreement with the city to under take deer management activities on the Discovery Point Property. Upon a vote, the motion carried.

Engineer's Report

Engineer Kieffer stated that a stakeholder community meeting was held for Lake Cornelia and Lake Edina. She stated that the lake modeling for the waterbodies was updated this

past year and the results were reviewed with the stakeholders. She stated that the meeting was well attended with about 35 people in attendance and the meeting lasting over 90 minutes. She stated that the preliminary lake management recommendations, including internal lake management and external watershed management, were shared. She noted that staff will make a presentation to the Board in the next few months.

Engineer Kieffer presented a request from Rachel Contracting for Change Order No. 4 for the Normandale Project in the amount of \$11,523.05. She provided background information on the situation which occurred in October which provided difficulty in getting the equipment to the proper place to install the upstream portion of the 36-inch pipe because of the instability of the sediment at a certain elevation. She stated that the pipe was cut into two pieces, installing the first section of pipe and waiting to install the second section of the pipe until the sediment froze and additional stability is provided. She stated that the change order includes the installation of the flange on the pipe and the cost to mobilize the equipment later in the winter.

Program and Project Manager Sniegowski noted that the change order still falls within the amount allowed to be approved by the Administrator and therefore this is being presented to the Board for informational purposes.

Engineer Kieffer confirmed that this issue was mentioned in the Engineer's Report the previous month but noted that the cost estimate was increased to include the winter mobilization costs. She stated that another change order has been received from Rachel Contracting asking that the District share in the extra costs that were incurred to draw down the lake because of the significant rainfall received during September and October. She explained that the lake was drawn down to meet the goal in mid-September but then 8.1 inches of rain were received in the next three to four weeks following. She stated that in a normal situation, the end of September/early October would receive 2.6 inches of rain during that time. She stated that the additional expenses include additional pumping (rental of equipment and fuel) and construction of a channel, which had an additional cost of \$42,000. She stated that the contract language included explanation that lake levels fluctuate, and it would be the responsibility of the contractor to continue pumping. She stated that construction of the channel was a more tangible addition and had a cost of \$11,625. She stated that there was a deadline for construction of the pipe set as October 21st and because of the drawdown circumstances, the high amount of rain received, and the amount of water that needed to be pumped, that did not occur until October 26th which was five additional days of pumping and a cost of \$6,500. She stated that the proposal from staff would be to cover the \$18,125,50 for those two items which would be less than half of the \$42,000 amount.

Program and Project Manager Sniegowski stated that while Rachel Contracting was hoping to get closer to half of the \$42,000 expense, they are willing to accept the \$18,125.50. She stated that staff is suggesting approving the \$18,125.50 which would be the cost for the additional five days of pumping after the October 21st dead line and the cost for the construction of the channel. She stated that in order for Rachel Contracting to close out their books before the end of the year, they would like a firm answer from the District. She stated that Administrator Anhorn has authority from the Board to approve change orders up to ten percent. She stated that with this change order the total would reach 11.6 percent of the total cost and would exceed the administrative authority. She stated that the change order has not been received as of yet, but staff would like the Board to provide authority to the Administrator to sign the change order once received.

Administrator Anhorn stated that Rachel Contracting has asked how soon the change order could be signed and also asked for half of the amount. He stated that the staff discussion has been to attempt to gain approval from the Board to approve the change order in the amount of \$18,125.50 once received.

Manager Sheely stated that she is impressed with the negotiation of staff but stated that it was not clear that rain was unexpected and therefore the contractor did not plan for this rainfall nor would any contractor plan for that amount of rain.

Manager Hunker stated that she agrees with the way staff negotiated the items the District is willing to reimburse.

Engineer Kieffer agreed that there is a balance of the risk. She stated that the contract language was written to put that risk on the contractor, but the District staff is willing to be fair and therefore offer to reimburse some of the costs because of the unforeseen rain amounts. She stated that it would be helpful for Rachel Contracting to know about the amount the Board is comfortable with before the end of the year.

Program and Project Manager Sniegowski explained that this number is reflective of changes to the contract rather than the fact that the District feels bad because there was bad weather and therefore is something fair and reasonable that the District can offer.

Manager Cutshall asked if there is language included in the contract that addresses extreme weather conditions. He stated that it hard to make the contractor responsible for any conceivable weather condition that could occur.

Acting Chair Peterson stated that the contract language was setup in a way to address the timeline specified by the contractor in their bid. She noted that there were different timelines provided in the bids of other contractors and this contractor was chosen because of their timeline proposed.

Program and Project Manager Sniegowski stated that the contractor was given additional time to install the pipe, as the original date specified October 21st. She stated that the first half of the pipe was installed prior to that date but the second half of the pipe was not installed until the beginning of November and the contractor was not penalized for that. She stated that they went into the project with the expectation that there would be lake level bounces throughout the project.

Manager Sheely stated that she trusts the negotiation of staff that this is a fair offer.

Engineer Kieffer stated that staff will work on the change order and pay request simultaneously.

Administrator Anhorn stated that could be included on the agenda for the January 3, 2019 workshop.

Manager Sheely moved, seconded by Manager Hunker, to authorize the Administrator to approve and execute the Change Order to Rachel Contracting in the amount of \$18,125.50. Upon a vote, the motion carried.

Program and Project Manager Sniegowski stated that the city of Bloomington did install the deicer in Normandale the previous day and it appears to be working.

Attorney's Report

Attorney Smith had nothing further to report.

Managers' Report

The Chair called for reports.

Adjournment

It was moved by Manager Sheely, seconded by Manager Cutshall, to adjourn the meeting at 9:27 p.m. Upon a vote, the motion carried.

Respectfully submitted,

Grace Sheely, Secretary

ATTACHMENTS: Treasurer's Report