



Title: Authorizing Contract for Brose Wetland Restoration Planning

Resolution number: 24-062

Prepared by: Name: Kailey Cermak
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Reviewed by: Name/Title: Michael Hayman, Director of Project Planning

Recommended action: Award a contract to Moore Engineering for wetland restoration planning work on the Brose property.

Schedule: 2024: Data Discovery & Modeling
 Early 2025: Restoration planning and strategy discussions

Budget considerations: Fund name and code: Project Planning-Engineering 2-2002-4340
 Fund budget: \$155,000
 Expenditures to date: \$46,579.95
 Requested amount of funding: \$23,400

Past Board action: Res #: 24-057 Approving Second Memorandum of Understanding with the City of Victoria
 Res #: 15-030 Authorization to Execute a Memorandum of Understanding with the City of Victoria

Background:

In March 2015, the City of Victoria and the Minnehaha Creek Watershed District (MCWD) formalized a desire for strong collaboration through a memorandum of understanding (MOU). The MOU underscored the value both agencies place on cooperative land-use planning, cross-agency collaboration on water resource issues, and regulatory coordination. Under this framework, the District and the City collaborated on a land-use study for Victoria’s western growth area (WGA) to support the City’s 2040 comprehensive plan. This study aimed to understand likely development patterns while balancing future development needs with the preservation and restoration of natural resources. This work culminated in the City adoption of the Victoria Chain of Lakes Greenway Policy (Greenway Policy), which sets a vision for future development that prioritizes natural resource protection and the establishment of contiguous green/open space corridors. The Greenway policy reflects the District’s Balanced Urban Ecology approach, emphasizing the importance and value of integrating land-use planning and water resource management.

2024 MOU

Following Victoria council approval on October 28, 2024, the Board approved a second MOU with the City of Victoria on November 7, 2024, reaffirming and expanding our shared commitments and priorities for the next phase of partnership, which puts focus on the City’s WGA. The greenway policy serves as a foundation and guidepost for ongoing planning and implementation efforts. The second MOU establishes three key areas of work and collaboration:

1. **Greenway Planning and Implementation:** focused planning and investment in the WGA to proactively implement the greenway vision ahead of development, to improve natural resources, development quality, and reduce development risk.

2. **10-Year Plan Coordination & Ongoing Partnership:** Commitment to collaborate on the development of both the City's 2050 comprehensive plan and the District's 2027 Watershed Management Plan (WMP) to strengthen the integration of land-use and water management planning.
3. **Regulatory Program Coordination:** Continued refinement and streamlining of regulatory processes to minimize conflict between the built and natural environments at the onset of development.

Turbid-Lundsten Management Unit

The 2024 MOU highlights MCWD's particular interest and focus on exploring project opportunities in the Turbid-Lundsten management unit to address the state water quality impairments in the WGA. Turbid Lake is listed as impaired, with a Total Maximum Daily Load (TMDL) established, and South Lundsten soon to follow, with a TMDL actively under development. The drainage area to these two lakes has been heavily altered to support agricultural practices, with many of the historic wetland acreage either ditched or fully drained. MCWD's 2017 Watershed Management Plan (WMP) identifies wetland restoration and preservation as a key strategy to address watershed loading for these lakes.

To explore restoration opportunities throughout the WGA, MCWD, with support from Moore Engineering, evaluated local wetlands from a mitigation credit-yield perspective. This analysis identified the 45-acre Brose wetland as a promising candidate for restoration and wetland banking. The restoration opportunity is significant, as approximately 60% of Turbid Lakes's drainage area passes through the Brose wetland, offering substantial potential to meet the lake's watershed load reduction goals. MCWD's interest in this wetland dates back to 2010, when a feasibility study was pursued to explore various restoration alternatives and benefits, however, the project did not advance due to negotiations over land rights at the time. The Brose Wetland has remained a priority area of opportunity and remained in MCWD's Capital Improvement Plan through the development of the 2017 WMP.

Summary:

In coordination with Carver County Soil and Water Conservation District (SWCD), MCWD re-engaged with landowner Pat Brose to discuss the potential for a wetland restoration that aligns with MCWD's natural resource goals and the family's long-term property interests. The Brose family is conservation-minded and remains interested in restoring the ditched wetland to improve habitat and water quality, while also wanting to explore their property's long-term earning potential. As it sits today, the 45-acre wetland is protected through the Wetland Conservation Act and would not be considered high-value real estate when the site is assessed for its future development potential. The Broses have expressed specific interest in establishing a wetland bank, as it offers a unique opportunity to enhance both the environmental and financial value of the wetland acreage on the property while further protecting the area when future development occurs.

To facilitate these discussions, MCWD and Moore Engineering conducted an initial desktop assessment of the restoration approach under banking requirements. Both MCWD and Mr. Brose recognize the benefit of further refining the restoration plan to better understand its financial and ecological potential. Together, a letter of interest has been developed to outline the shared priorities and define MCWD's and the Brose family's roles and commitment to advancing project understanding (Attachment 1). Mr. Brose has reviewed and approved the letter and has agreed to sign it, pending the Board's concurrence with the letter and authorization to approve the accompanying scope of work.

Scope of Work

Staff collaborated with Moore Engineering to develop a scope of work for professional services (Attachment 2) to implement the commitments and work outlined in the letter of interest. This effort will advance MCWD's understanding of the restoration plan, credit yield potential, project constraints, and the potential ecological and water quality benefits. Key components of this work include:

- **Restoration Plan Refinement:** This task will include reviewing active Conservation Reserve Program contracts presently held with the SWCD, incorporating field survey data (collected under separate scope) to refine the restoration plan, and modeling to characterize the future footprint of the restored wetland and the downstream water quality benefits to Turbid Lake.

- **Implementation Strategy:** Moore Engineering will provide technical support to facilitate discussions with the Brose family and surrounding property owners to address potential challenges and outline viable solutions.
- **Draft Prospectus:** Moore Engineering will initiate the wetland bank process by preparing and submitting the draft prospectus form, which will allow MCWD and the Brose family to receive preliminary feedback from regulatory agencies.

A key outcome of this scope of work is to evaluate the extent to which restoring the wetland in alignment with wetland bank establishment criteria could contribute measurable progress toward achieving Turbid Lake's watershed load reduction targets as assigned by the TMDL. The knowledge gained through this effort will provide a robust foundation for the Brose family and MCWD to assess the project's benefits and risks, and evaluate MCWD's interest, position, and potential role in advancing the wetland bank process.

At the November 21, 2024, Board meeting, staff will present the scope of work and seek the Board's concurrence with the letter of interest to the Brose family, as well as authorization to execute a contract with Moore Engineering for \$23,400. These actions will initiate work to refine the restoration plan, address key uncertainties, and provide critical information needed to inform possible next steps.

Supporting documents (list attachments):

- Letter of Interest
- Scope of Work with Moore Engineering



RESOLUTION

Resolution number: 24-062

Title: Authorizing Contract for Brose Wetland Restoration Planning

- WHEREAS pursuant to Resolution 14-047 the Minnehaha Creek Watershed District (MCWD) Board of Managers has identified the Six Mile Creek – Halsted Bay (SMCHB) subwatershed as a priority area for focusing District planning activities and coordination efforts with subwatershed partners;
- WHEREAS on March 26, 2015 the Board approved a Memorandum of Understanding (MOU) with the City of Victoria (the City), outlining opportunities to collaborate and integrate mutual efforts in the realms of coordinated planning of local water and land use plans, assessment of specific water management issues, and coordinated regulatory review of water and land development;
- WHEREAS the City developed its 2040 plan, “Our Victoria Tomorrow,” establishing a comprehensive vision for its western growth area (WGA) that includes the Victoria Chain of Lakes Greenway Policy and Implementation Plan (greenway policy);
- WHEREAS the greenway policy, developed in partnership with MCWD, outlines a shared vision for future development and growth in the western growth area that prioritizes natural resource protection and the establishment of contiguous green/open space corridors;
- WHEREAS on October 28, 2024, the Victoria City Council unanimously approved a second MOU (Agenda Report No. 24-257), which the Board approved on November 7, 2024, that puts emphasis on the City’s WGA, and establishes a shared commitment to (1) implement the greenway vision through focused planning and investment, (2) coordinate on upcoming 10-year plans to deepen alignment and integrate shared priorities, and (3) streamline regulatory processes to support sustainable development and mitigate development risk;
- WHEREAS MCWD wishes to give particular attention to the Turbid-Lundsten Management unit to address water quality impairments in the WGA, where MCWD has identified wetland restoration, internal load treatment, rough fish management, and acquisition of fee or easement rights as promising approaches to improve the management unit and SMCHB system as a whole;
- WHEREAS MCWD, with support from Moore Engineering, conducted a desktop assessment of the WGA to evaluate wetland restoration opportunities through the lens of wetland banking, identifying the 45-acre ditched wetland (the wetland) on the northwest side of Turbid Lake, primarily located on the Brose family’s property at 8575 and 8577 Scandia Road, Waconia, as a well-suited site for a wetland bank;
- WHEREAS given that 60% of Turbid Lakes’s watershed drainage flows through the wetland, a restoration at this location offers a unique and significant opportunity to meet the lake’s watershed load reduction requirements;
- WHEREAS in coordination with Carver County Soil and Water Conservation District (SWCD), MCWD has engaged with the Brose family, which has expressed interest in establishing a wetland bank, as it supports the family’s desire to enhance the ecological and financial value of the wetland acreage on the property;

WHEREAS MCWD and the Brose family have developed a letter of interest that outlines shared goals and priorities and describes near-term work MCWD is willing to lead and pursue, which is ready for signature;

WHEREAS MCWD staff, in consultation with Moore Engineering, has prepared a scope of work, aligned with the letter of interest, that advances the understanding of the restoration plan, process, challenges, and with a key objective of evaluating the project's potential to reduce phosphorus loading to Turbid Lake. The scope includes work relating to the following three task areas: (1) restoration plan refinement, (2) implementation strategy, and (3) draft wetland bank prospectus;

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers concurs in staff's signing of the letter of interest with the Brose Family regarding their property at 8575 and 8577 Scandia Road, Waconia;

BE IT FURTHER RESOLVED that the MCWD Board of Managers authorizes the District Administrator, on advice of counsel, to execute a contract with Moore Engineering for wetland restoration planning, in accordance with the proposed scope of work and in an amount not to exceed, \$23,400.

Resolution Number 24-062 was moved by Manager _____, seconded by Manager _____. Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: 11/21/2024

Secretary Date: _____

Attachment 1

November XX, 2024

Dear Mr. Brose:

On behalf of the Minnehaha Creek Watershed District (District), we have appreciated your reaching out to the District to discuss your property, and that of your mother, Kathryn Brose, at 8575 and 8577 Scandia Road, Waconia, and to explore the possibility of cooperation between us to achieve mutual conservation and financial goals for the property.

This letter seeks to summarize our several conversations and what the District would like to accomplish over the next six months, in cooperation. We would like to assess the potential to restore drained wetland on your property, to improve downstream water quality by doing so, and to enhance the natural resource value of your property generally, all in a way that would be cost-effective for the District and financially favorable for you.

BACKGROUND

Your property, and that of your mother, together comprise about 188 acres just west of Turbid Lake. Our collaborative focus is a degraded and ditched wetland (the wetland) of about 45 acres that lies on your properties and discharges via a 60-inch culvert under a farm crossing to Turbid Lake. The crossing lies on the boundary between your mother's property and a parcel to the east owned by Joseph and Rae Ann Happ. The flow under the crossing discharges across the Happ property, by means of a channel through wetland at the edge of Turbid Lake, and into the lake. The wetland that we are examining lies mainly on the Brose parcels, but small parts lie also on the Happ property, and on the property of James and Sharrel Webb that borders both your mother's and the Happs' property, to the north. The District understands that a large part of your land is rented for farming, but that this does not include the wetland.

Your family is conservation-minded and interested in restoring the drained wetland to support quality vegetation, wildlife habitat, and improved water quality while also exploring its long-term earning potential. It is understood that the wetland is protected through the Wetland Conservation Act and would not be considered high-value developable land. We've talked about the site's potential suitability as a wetland bank, where your restoration and protection of the wetland and its buffer can generate credits that, under state and federal law, you may sell to those engaging in development activity elsewhere who must compensate for wetland impacts their activity will cause. This may offer a unique opportunity to enhance both the

environmental and financial value of the wetland acreage on your property. This would allow your family to retain higher-elevation land, ultimately, for development while reestablishing and preserving the natural resource value of the wetland, and obtaining substantial value from doing so. You understand that there is an initial investment in the bank plan approval process, and in the restoration work itself, and that revenue flow would follow, over time, as restored wetland is established and credits confirmed by the regulatory agencies.

The District wishes to support your interest in restoring the wetland and its habitat, in part so that wetland impacts elsewhere within our boundaries might be replaced here. Earlier this year, the District retained Moore Engineering, Inc., to perform a general feasibility review of this prospect, which we have shared with you. The District is knowledgeable as to the wetland bank approval process, has relationships with personnel in relevant agencies, and has a general expertise in developing and carrying out natural resource improvement projects. Through these capacities, the District may be able to add value to your efforts.

More broadly, the District has a strong interest in the way that water moves through the local drainage area to Turbid Lake, and downstream from there to South Lundsten Lake, Six Mile Creek and Lake Minnetonka. Turbid Lake presently is classified by the Minnesota Pollution Control Agency (MPCA) as impaired, as it exceeds state standards for nutrient (phosphorus) levels. The MPCA shortly will classify South Lundsten Lake similarly. The District, in its ten-year watershed plan, identifies the Six Mile Creek subwatershed as one of several subwatersheds for systematic focus. It has memorialized with the City of Victoria a shared commitment to address natural resource impairments within the Turbid-Lundsten corridor in advance of development in this area.

Through its diagnostic work to date, the District has determined that three-fifths of the drainage to Turbid Lake passes through the wetland on your property. The District considers this collaboration to offer a potentially valuable opportunity to achieve the desired nutrient reductions within the Turbid-Lundsten system, and otherwise to improve the water quality, habitat and general natural resource value within the subwatershed.

NEXT STEPS

The District, with the assistance of its technical consultants and the Carver County Soil & Water Conservation District, is willing to invest a measure of time and resources into exploring our mutual goals. We would see this potentially including the following:

- Field work such as soil borings, ditch inspections, elevation surveys, and vegetation surveys.
- Assessing the extent and condition of tile drainage on the property.

- Reviewing land enrollment status (e.g., Conservation Reserve Program) and effect on options.
- Engaging with the City of Victoria, Carver County and other public authorities to understand regional land use, utility, recreation and conservation plans and how these might align with uses of your property.
- Considering development and platting concepts, that align with a wetland bank, water quality improvements, and other natural resource goals, while considering creative approaches that maximize potential of both your property and surrounding parcels.
- Feasibility and financial analysis of wetland bank and other potential water quality/natural resource improvements.
- Assisting in preparing a draft wetland bank prospectus to engage regulatory agencies (Minnesota Board of Water and Soil Resources, U.S. Army Corps of Engineers) and other partners.

To justify the District's contribution of time and effort, we would ask for your cooperation as follows:

- Allowing the District to enter your property for the above work. (The work would involve little physical disturbance of the land, and the District would repair any material disturbance.)
- Providing any information or documents you have about soils, tiling or other physical features of the wetland area and surrounding land; providing copies of CRP contracts and any other paperwork regarding enrollment of the affected land or other legal arrangements affecting the land.
- Ensuring the District understands family member ownership interests in the affected properties, communicating among family members about the work as it progresses, and keeping the District informed as to perspectives of family members.
- Working with the District on the question of how to best engage the Webbs and Happs, and cooperating with the District on that engagement.

This letter is not a legal agreement, and its terms are not legally binding. It simply is to outline an initial period of mutual effort to explore potential collaboration on natural resource work on your property. If, after this exploration, we agree that there is a project to be undertaken together, at that time we would work together to prepare the necessary agreements or other legal documents for that purpose.

If you would like to proceed with this initial collaboration, please sign and date below and return the letter to my attention.

Yours truly,

Kailey Cermak, Planner-Project Manager

_____ Date:
Patrick Brose

DRAFT

Attachment 2



Two Carlson Parkway
Suite 110
Plymouth, MN 55447
P: 612-355-7726



November 15th, 2024

Ms. Kailey Cermak
Planner - Project Manager
Minnehaha Creek Watershed District
15320 Minnetonka Blvd
Minnetonka, MN 55345

Subject: Letter Proposal
Brose Property Wetland Restoration
Evaluation
Victoria, MN
Moore Project No. 24321

Dear Ms. Cermak,

Thank you for this opportunity to work with you on the Brose Property Wetland Restoration Evaluation Project within the City of Victoria. Moore Engineering, Inc (Moore) is an employee-owned civil design firm that has been serving our clients in Minnesota and North Dakota for over 60 years. We look forward to working with you, providing you with the level of service and quality that you have come to expect from our team.

Background

Minnehaha Creek Watershed District (MCWD) and the City of Victoria (City) have partnered to develop a shared vision for the western growth area (WGA) of Victoria that protects and improves the area's natural resources while accommodating projected growth and development. The area, situated among Turbid, South Lundsten, Carl Krey, and Pierson Lakes, is primarily agricultural and rural residential. Both MCWD and the City have committed to proactively identifying areas that should be restored or preserved in advance of development and future annexation.

MCWD has a particular interest in and focus on exploring project opportunities in the Turbid-Lundsten management unit, to address the state water quality impairments in the WGA. Turbid Lake is listed as impaired, with a Total Maximum Daily Load (TMDL) established, and South Lundsten soon to follow, with a TMDL actively under development. The drainage area to these two lakes has been heavily altered to support agricultural practices, with many of the historic wetland acreage either drained or ditched and now degraded. MCWD's 2017 watershed management plan identifies wetland restoration as a key strategy to address watershed loading in this area.

As wetland restoration will play a major role in improving the WGA's natural resources, MCWD, with support from Moore Engineering, evaluated local wetland restoration opportunities from a mitigation credit perspective, a growing interest for property owners. Results of this work indicated that the Brose property was one of the well-suited sites for implementing a wetland bank. MCWD has particular interest in restoration occurring here, with 60% of Turbid Lake's drainage passing through the wetland, it offers a unique opportunity to address watershed load reduction requirements.

In parallel, MCWD engaged with the Brose family to explore restoration potential on the family's property and the various pathways available to achieve it. The Brose family expressed interest in exploring a wetland restoration and establishing a wetland bank. MCWD has now committed to supporting early-

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stage efforts to better understand the restoration's scope, its potential for generating wetland credits, and its potential to reduce nutrient loading to Turbid Lake.

Purpose

This scope of work intends to refine existing restoration plans based on measured field data, provide technical support to aid MCWD's discussions and strategy sessions with the Brose Family, and to initiate the first formal step in the wetland banking process.

This work will build off a preliminary wetland bank restoration plan that was developed earlier this year by Moore Engineering, on behalf of MCWD.

Scope of Work

There are three main areas of work for this stage of the project including Restoration Plan Refinement, Implementation Strategy, and Draft Prospectus. A description of the tasks required for the project is provided.

Task 100 – Restoration Plan Refinement

The goal of this task is to incorporate field collected and modeling data to refine MCWD's understanding of the restoration's scope, challenges, credit yield, and the benefits to Turbid Lake. In addition, the property's Conservation Reserve Program (CRP) contracts will be reviewed to understand their impact on restoration, wetland banking and timeline. It's understood that a field survey, pursued under a separate contract, will generate data to support modeling and restoration plan refinement.

Task 101: CRP Contract Review

MCWD will facilitate necessary communications with the Brose family to provide Moore access to the property's active Conservation Reserve Program contracts for review. Upon review, Moore will develop a written summary, to be included within the restoration plan technical memorandum, that overviews (1) the scope of each contract (area, requirements, lifecycle/payment status), (2) the restrictions these may put temporarily on restoration activities, and (3) the range of pathways forward, which may include waiting for contracts to expire or buying out of CRP.

Task 102: Hydrology/Water Quality Assessment

Moore will conduct hydrologic analysis to document existing and proposed high water levels and discharge rates prior to and after wetland restoration. Moore will develop a HydroCAD¹ model that will consider the 2-, 10-, and 100-year storms with the intent of a.) maintaining no increase in discharge rates from existing to proposed conditions, and b.) verifying the extent of the proposed high-water levels and necessary easement boundary, as typically required by regulatory agencies approving wetland bank applications. The results of this analysis will be used to inform the estimated restored wetland footprint and estimated credit yield from the project. The results will also be used to characterize potential impacts on adjacent properties and to identify possible solutions.

In order to estimate potential water quality benefits from the project, Moore will coordinate with MCWD to estimate runoff volumes on an annual basis, and how much volume the restored wetland complex will retain. We understand MCWD will run a several year simulation in their 2D Stormwise model that will be refined based on field and survey data, and the initial restoration design. Based on the runoff volume retained versus discharged, Moore will develop an estimated range of

¹ Based on discussions with MCWD it was agreed that HydroCAD would be the preferred model for site specific analysis. However, prior to developing the HydroCAD model, Moore will review a copy of the District's XPSWMM model to determine the extent of potential backflow and equalization flow between the wetland complex and downstream water bodies. If there is significant backflow, Moore will use a truncated copy of the XPSWMM model for this evaluation.

phosphorus reductions that the restoration may provide to Turbid Lake. These estimates will be informed by the range of concentrations MCWD has observed at other wetland outlets in the watershed. The results of the analysis would be limited to assessing potential benefits from the restoration of wetlands as required by wetland bank guidelines. The analysis at this time will not characterize benefits from additional allowable components of the project outside of the wetland bank area, such as BMPs at tile outlets daylighted into the wetland or water quality treatment downstream of the wetland outlet.

Moore will document the methods, assumptions, and findings as part of the summary report that will be prepared as part of this project.

Task 103: Updated Restoration Plan

Moore will incorporate findings and learnings from the field outing (which was completed by Moore under a previous contract), modeling, and CRP contract review to provide a refined wetland bank restoration plan. This memo will include:

- Detail surrounding the site's existing conditions, including the current drainage system and function (ditches, drain tile, outlet structure)
- Existing versus restored wetland footprint and the acreage breakdown across neighboring parcels
- Anticipated credit yields, providing a breakdown across credit types and property boundaries
- Constraints analysis to outline implementation challenges that need mitigating or resolution (Hydrology impacts, CRP contracts)
- Detailed cost-estimate for wetland bank establishment (construction costs, maintenance costs, and administrative costs).
- Estimated water quantity and quality impacts from the proposed restoration plan

Task 100 Deliverables

- Technical Memorandum: Wetland Bank Restoration Plan

Task 100 Assumptions:

- MCWD will provide base models and available datasets
- MCWD will work with the Brose family to obtain any additional knowledge surrounding the site's drainage history and current drain tile network
- Costs associated with construction will assume modifications and/or reconstruction of a basic outlet structure

Task 110 – Implementation Strategy

The refined restoration plan memo will speak to the restoration challenges and necessary hurdles to overcome to feasibly implement a wetland bank on the property. Some hurdles, like the property boundary, have a variety of solutions and pathways forward. It's anticipated that multiple conversations will need to be had to discuss the challenges and strategize on preferred options. Moore will attend, participate, and support up to four meetings, with both the internal project team (MCWD, Brose Family, and Carver SCWD) and external groups (Neighboring property owners or regulatory agencies). To support these conversations, Moore will develop figures to represent the range of possible solutions relating to the property boundary.

Task 110 Deliverables

- Figures representing various restoration/configuration alternatives
- Attendance at 4 meetings

Task 120 – Draft Prospectus

The draft prospectus provides a conceptual overview of the proposed wetland bank. Following conversations had during Task 110, and concurrence from the Brose Family, Moore will prepare the draft prospectus application and submit to BWSR/TEP for review. This form will speak to the challenges identified and the status of and strategy to navigate or mitigate them. The Draft Prospectus will also speak to MCWD’s water quality goals for the site and the possible desire to invest in a more complex outlet structure to maximize phosphorus reduction to Turbid Lake. This will allow for early feedback over the full range of possible restoration activities. Moore will review the feedback provided from the reviewing agencies and participate in an internal debrief to discuss next steps.

Task 120 Deliverables

- Draft Prospectus Application
- Attend one meeting

Schedule

We are ready to begin this effort immediately upon receipt of Authorization to Proceed in the form of a signed agreement. The field investigation will take place in November under a separate authorization. We anticipate the evaluation under this project will begin in December 2024. Timelines and deliverables will be determined between MCWD and Moore prior to starting the work and can be adjusted to meet needs that arise.

Budget

Based on our understanding of the work, we estimate the fee to complete the above-described scope to be approximately **\$23,400** as summarized in the following table.

Task	Subtask	Estimated Cost	Task Total
1-Restoration Plan Refinement	1a-CRP Contract Review	\$585	
	1b-Hydrology Analysis/Water Quality Assessment	\$9,450	
	1c-Updated Restoration Plan	\$7,260	\$17,295
2-Implementation Strategy	--	--	\$3,570
3-Draft Prospectus	--	--	\$2,535
TOTAL			\$23,400

Moore will perform the tasks specified in the Scope of Work on a Category Billing Rate basis using the actual hours worked times the appropriate Category Billing Rate plus the actual direct expenses incurred. When subconsultants are utilized for a project, their fees are added to our invoices using a multiplier of 1.15. Category Billing Rates and expense costs are listed in Attachment A and are valid through the end of the current year. On January 1 in each subsequent year, Category Billing Rates and reimbursable expenses may be adjusted to meet market demands.

Project Terms and Conditions

Our services will be provided in accordance with Terms and Conditions outlined within the existing Agreements executed between MCWD and Moore.

Closing

Thank you for this opportunity to provide you with this proposal for consulting services. Our team is ready to begin this work upon receipt of authorization and look forward to working with you to complete this effort.

Please have the authorized representative sign below and return one (1) fully executed copy of this agreement to me as our Notice to Proceed. Should you have any questions or need additional information, please contact me by phone at 952-239-9464 or by e-mail at jeff.madejczyk@mooreengineeringinc.com.

Sincerely,



Jeff Madejczyk
Senior Project Manager



Wes Boll
Senior Environmental Scientist

Acceptance Authorization

We hereby authorize Moore Engineering, Inc. to proceed with the work described above.

Signature

Name

Date

Minnehaha Creek Watershed District
15320 Minnetonka Blvd
Minnetonka, MN 55345