

**RESOLUTION NO. 24-056  
RILEY PURGATORY BLUFF CREEK WATERSHED DISTRICT  
BOARD OF MANAGERS**

**Approving Task Order No. 39B to refine the North Lotus Lake feasibility study and perform additional community engagement**

Manager \_\_\_\_\_ offered the following resolution and moved its adoption, which was seconded by Manager \_\_\_\_\_ :

**WHEREAS** the Riley Purgatory Bluff Creek Watershed District Board of Managers adopted a watershed management plan consistent with MN Statute 103D.401 (Plan), and

**WHEREAS** the Riley Purgatory Bluff Creek Watershed District’s Plan identifies the North Lotus Lake Park as a feasible and efficient location for a best management practice to be implemented, and

**WHEREAS** the District Engineer completed the Lotus Lake Water Quality Improvement Project Feasibility Study in February 2023 which was presented to the Board of Managers, and

**WHEREAS** the City of Chanhassen Parks and Recreation Department and Public Works Department have been engaged throughout the process including a presentation to the Chanhassen Parks and Recreation Committee wherein they expressed support for the project and felt it should be an amenity but also expressed concern about long-term maintenance, and

**WHEREAS** based upon the input received from all parties including the Board of Managers it was deemed prudent to get further input from stakeholders to be certain the final design was acceptable to all stakeholders.

**NOW THEREFORE BE IT RESOLVED** that the Riley Purgatory Bluff Creek Watershed District Board of Managers hereby approves Task Order 45 for Barr Engineering to refine the North Lotus Lake Concept Plan and to, with assistance from District staff, facilitate additional stakeholder engagement.

The question was on the adoption of the resolution and there were \_\_\_\_ yeas and \_\_\_\_ nay as follows:

**Yea                      Nay                      Abstain                      Absent**

**CRAFTON**

**DUEVEL**

**NELSON**

**PEDERSEN**

**ZIEGLER**

Upon vote, the president declared the resolution \_\_\_\_\_.

Dated: September 11, 2024.

\* \* \* \* \*

I, Tom Duevel, secretary of the Riley Purgatory Bluff Creek Watershed District, do hereby certify that I have compared the above resolution with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcription thereof.

IN TESTIMONY WHEREOF, I set my hand this \_\_\_\_ day of \_\_\_\_\_, 2024.

\_\_\_\_\_  
Tom Duevel, Secretary

**TASK ORDER No. 39B: North Lotus Lake Park Concept Refinement and Stakeholder  
Engagement  
Pursuant to Agreement for Engineering Services  
Riley Purgatory Bluff Creek Watershed District and BARR Engineering Company.  
July 31, 2024**

This Task Order is issued pursuant to Section 1 of the above-cited engineering services agreement between the Riley Purgatory Bluff Creek Watershed District (District) and BARR Engineering Company (Engineer) and incorporated as a part thereof.

1. Description of Services:

Barr completed the Lotus Lake Water Quality Improvement Project Feasibility study in February 2023 (Task Order 39A). City of Chanhassen Parks and Recreation staff were engaged through the initial feasibility study. In May 2024, the District Administrator presented the concept of the water quality BMP in North Lotus Lake Park (LL\_1) to the City of Chanhassen Parks and Recreation Commission. The commission indicated support for the implementation of the concept within North Lotus Lake Park and had questions related to long-term maintenance of the project.

Because of the prominence of this BMP within North Lotus Lake Park, District Administrator and Barr would like to perform additional public engagement and concept refinement before moving into final design to maximize the benefits that this project can provide for this space. The project not only provides the opportunity to treat stormwater (phosphorus, sediment, and potentially volume reduction), expand native and pollinator habitats, and improve soil health, but also to engage and educate the public and enhance the park user experience through the BMP and restoration design.

The services outlined in this Task Order 39B include the additional public engagement for the refinement of the BMP concept at North Lotus Lake Park, including development of concept alternatives as well as selection of a preferred alternative to move into final design. This will include development of planning level costs (building off the cost estimates initially prepared during the feasibility study) and preparation of a brief memorandum summarizing the engagement process and selection of the preferred alternative as the North Lotus Lake Park Stormwater Master Plan.

2. Scope of Services:

Engineer's services under this task order shall include:

**Task 1. Engagement with City Staff**

In Task 1, Barr will leverage the concepts developed for North Lotus Lake Park during the Lotus Lake Water Quality Improvement Project Feasibility study as well as concepts discussed during a 7/23/2024 brainstorming session with District staff. This session was focused on collaboration with City of Chanhassen staff to identify opportunities to build upon stormwater management and restoration concept developed during feasibility to further make North Lotus Lake Park an ecologically driven destination with a goal of not only improving the water quality in Lotus Lake, expanding native habitat, and climate resiliency, but also engaging the community through the stormwater management design.

A series of three (3) meetings are proposed:

Meeting 1: Kickoff meeting with city staff including Jerry Ruegemer, Parks Director, and Laurie Hokkanen, City Manager, to listen to the City's needs, goals, and aspirations for the park. At this discussion, Barr will present preliminary ideas that could further enhance the concept stormwater management and restoration footprint, increase the educational opportunities, improve interaction with the space, and improve connection to adjacent water resources to obtain staff reaction and input.

Meeting 2: Present two alternatives showcasing various options and features that not only enhance the stormwater management and restoration footprint but also increases the educational opportunities, improve park user interaction with the space, and improve connection to adjacent water resources to obtain staff reaction and input to park staff comment and direction. From this meeting (and other input described below), Barr will develop a preferred concept.

Meeting 3: Present a preferred concept to City and District staff for final comment and feedback. Barr will adjust the preferred concept based on staff comments, and this will be used to inform future design phases.

**Deliverables:**

- Three (3) meetings with city of Chanhassen staff

**Task 2: Community Engagement**

Barr will work with City of Chanhassen parks staff and District staff to plan up to two (2) neighborhood pop-up meetings that District staff will coordinate, advertise, and lead. We assume that District staff will develop the preliminary boards/posters and summary information based on the work completed during feasibility, though Barr can provide base graphics/precedent imagery and review of the information developed. We also assume Barr staff will not attend these initial pop-up events. District staff will summarize the information gathered through this process, and Barr will leverage this information in the development of park concepts.

After concepts are developed and vetted by City and District staff, Barr and District staff will conduct one (1) open house to present the preferred concept to interested citizens. We assume that the open house will be coordinated, advertised, and lead by District staff. We assume that District staff will develop the boards/posters and summary information based on the preferred alternative plan and renderings developed during this project, through Barr can provide the plan and renderings and review of the information developed.

**Deliverables:**

- Support District development of graphic boards to support two (2) public engagement events, including feasibility concept plans and precedent imagery
- Attendance at one (1) public open house

### **Task 3: Artist Engagement**

Barr will work with District staff to facilitate the selection of an artist to join the design team to help influence the concept refinement early in the design process. Barr will write a Call for Artists (request for proposal). The selection of the artist will be led by the District Administrator. We assume the District Administrator will review the artists statement of qualifications and will narrow down the number of candidates to a list of eight (8). Based on that reduced list, Barr will assist in the artist selection process through review of those top statement of qualifications, help narrow down to four (4) candidates and participate in up to four (4) virtual interviews. The District Administrator will make a recommendation to the Board for the selection of the artist. We assume the contract will be directly between the RPBCWD and the artist. We assume District Legal Council will take the lead on the contract development but assume there will be input by Barr on development of the scope and deliverables included in the contract document.

#### **Deliverables:**

- Call for Artists, review of qualifications as selected by District Administrator, attendance of up to four (4) interviews
- Support of contract development

### **Task 4: Concept Plan Development**

Building from the design concepts developed during the feasibility study, the initial discussions with City and District staff, public input, and artist engagement, Barr will host a concept development workshop with the artist to brainstorm and layout two alternatives concepts for the stormwater management and integrated features. Barr will develop two (2) concepts showing stormwater management, integration of art, educational and interpretive features, pedestrian circulation, ecological restoration opportunities and vegetation types, and other unique features that will enhance the ecological and educational opportunities within North Lotus Lake Park. A revised planning level engineer's estimate of probable cost will be developed for each concept, leveraging the existing costs estimates developed during the feasibility study. We assumed no further hydrologic and hydraulic or water quality modeling will be performed for either of these concept plans.

#### **Deliverables:**

- Collaboration with artist (workshop) in development of two (2) concept plans
- Two (2) concept plans (PDF)
- Planning Level Engineer's Opinion of Probable Cost for each concept (5% design)

### **Task 5: Preferred Concept Plan Development**

After facilitating discussions with City and District staff on preferences, Barr will develop a preferred park concept. This concept will be presented to City and District staff for comments and a preferred concept will be developed. Barr will update the hydrologic and hydraulic and water quality modeling from the feasibility study to reflect the preferred concept design to help quantify the benefits of concept. A revised planning level engineer's estimate of probable cost will be developed for the preferred alternative. Barr will document the engagement and concept refinement process along with the preferred concept in a brief memo that will serve as the North Lotus Lake Park Ecological

and Stormwater Master Plan that will inform future phases of design. Barr will present the preferred alternative to the RPBCWD Board at one of the monthly meetings.

**Deliverables:**

- Preferred concept plan (PDF)
- One perspective graphic rendering of the preferred concept (PDF)
- Planning Level Engineer’s Opinion of Probable Cost (5-10% design)
- Memo documenting engagement process and refinement of concept plan (PDF)
- Attendance at one (1) RPBCWD Board Meeting

3. Budget & Schedule:

Services under this Task Order will be compensated for in accordance with the engineering services agreement and will not exceed \$53,000, without written authorization by the RPBCWD Administrator. The following table provides a breakdown of the anticipated cost for major tasks associated with scope of services describe above. The table outlines proposed schedule has been developed assuming authorization at the August 2024 RPBCWD Board Meeting, and selection of artist by the October 2024 RPBCWD Board Meeting.

<b>Task</b>	<b>Task Description</b>	<b>Anticipated Budget</b>	<b>Anticipated Completion Date</b>
1	Engagement with City Staff	\$ 7,500	February 2024
2	Community Engagement	\$ 6,000	December 2024
3	Artist Engagement	\$ 7,500	September 2024
4	Park Design Concept Plan Development	\$ 13,000	January 2024
5	Preferred Park Concept	\$ 18,900	February 2024
	<b>Task Order 39b Total</b>	<b>\$ 53,000</b>	<b>February 2024</b>

**IN WITNESS WHEREOF**, intending to be legally bound, the parties hereto execute and deliver this Agreement.

**CONSULTANT**

**RILEY PURGATORY BLUFF CREEK  
WATERSHED DISTRICT**

By \_\_\_\_\_

By \_\_\_\_\_

Its  Vice President \_\_\_\_\_

Its  President \_\_\_\_\_

Date:

Date:

*APPROVED AS TO FORM & EXECUTION*

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DRAFT