



Rice Creek Watershed District

Stormwater Management Grant Program

2024 Application Form

I. APPLICANT INFORMATION

Organization (to be named as Grantee): _____

Street Address: _____

City, State, Zip: _____

Tax Status: _____ Tax ID#: _____

(e.g., local government, non-profit 501(c)(3), private business, etc.)

II. PROJECT CONTACTS

Project Officer: _____ Financial Officer: _____

Title: _____ Title: _____

Telephone: _____ Telephone: _____

Fax: _____ Fax: _____

Email: _____ Email: _____

III. PROJECT INFORMATION

Project Name: _____

Location(s) of Project: _____

City: _____ State: _____ County: _____

Project Start Date: _____ Project Completion Date: _____

Project Type (check only those that directly apply):

- Water Quality Treatment Project Stormwater Reuse Irrigation Project
- Peak Runoff Rate Control Project Runoff Volume Control / Flood Storage Project
- Other: _____

Is a RCWD Rule C permit required for this project? YES NO UNKNOWN

IV. GRANT REQUEST

RCWD Grant Funding Requested: \$ _____

Applicant Match Funding Committed: \$ _____

State/Other Funding Committed: \$ _____ Source(s): _____

Total Estimated Project Cost: \$ _____

Would you be willing to accept grant funding in an amount less than requested? YES NO

V. SIGNATURE OF APPLICANT

I certify that the information contained within this application is true and accurate.

Signature of Project Officer

Date

VI. Executive Summary / Abstract

Include a brief Executive Summary (100 words or less) that summarizes the main goals and activities of the project and the expected environmental outcomes that will be achieved. Identification of the total amount of funds being requested along with the required match, and how you heard about the program should be included in the Executive Summary. The summaries will be used in the grant review process and on the RCWD website, for projects that are funded.

VII. Description (10 points)

The RCWD has established guidelines for prioritizing projects based on location. Water quality improvement projects should be located to benefit a RCWD lake classified as either “Protection” or “Restoration” (see Table 2-4 in the RCWD 2020 Watershed Management Plan), and/or a waterbody with an approved Total Maximum Daily Load (TMDL) study or other recognized diagnostic water quality study. Flood storage and runoff rate control projects should focus on reducing peak flood elevations in known regional flood hazard areas and/or documented local problem areas. Describe the specific watershed management, water quality or quantity need(s) that the project will address and its impact on the target water resource within the District.

Name the target waterbody benefitting from this project: _____

List and describe the Best Management Practices (BMPs) to be incorporated into this project.

If applicable, describe how the project impacts or protects RCWD groundwater resources, minimizes impervious surfaces, and/or maximizes infiltration.

Provide drawings, maps and/or schematics which graphically illustrate the location and conceptual design of the project. **(Attach separate sheets.)**

Describe how long-term operation and maintenance of the project will be accomplished.

VIII. Prioritization (15 points)

How does the project support existing regional planning efforts such as the RCWD Watershed Management Plan, municipal surface water management plans, TMDLs, or other recognized diagnostic studies? Is the project included on the Member Community Project List (Appendix G) within the RCWD Watershed Management Plan? Please provide citations where possible.

IX. Targeting (15 points)

Describe the critical pollution or flooding sources and risks addressed by this project. Explain why the proposed project is the most cost-effective and feasible means to attain the expected resource benefits. Has a formal analysis been conducted to substantiate this position?

X. Measurable Outcomes (20 points)

Provide a detailed estimate and description of the anticipated pollutant reduction, stormwater rate/volume reduction, groundwater withdrawal reduction, and/or other environmental or natural resource benefits associated with the project. Describe the methods and cite the sources (i.e. P8 model, HydroCAD, XP-SWMM, MIDS, MN Stormwater Manual, etc.) used to calculate or estimate the pollutant reductions and/or hydrologic outcomes. **(Mandatory for RCWD to consider your proposal!)**

Describe the strategy for monitoring and/or evaluating the results or effectiveness of the project, including how success will be defined and measured.

XI. Cost-Effectiveness (20 points)

Provide a detailed budget that lists each item for which funding is being requested. You must also list the sources of required local matching contributions. Why is this the most cost-effective approach to solving the problem? Have other alternatives been explored? **(Attach separate sheets if needed.)**

XII. Project Readiness (10 points)

Please describe the anticipated timeline for implementing this project. What steps have been taken to ensure that the project can be implemented according to this timeline? Are any permits needed?

XIII. Engagement Opportunities (10 points)

Demonstrate any potential for public engagement, education and demonstration and describe what methods will be used to ensure that the purpose and success of the project are made known to the public. Applicants must incorporate a public engagement component into the project.

City of Willernie 2024 SMG Application

VI. Executive Summary/Abstract

The goal is to upsize an existing storm sewer pipe to prevent flooding of neighboring properties. Craig place currently drains to an existing 6" storm sewer pipe in the center of the road. This past summer it has been observed that the pipe does not have enough capacity. A 12" is planned to take the drainage and continue to drain into the wetland west of this intersection. The total amount for the project is planned to be \$66,300, which the City of Willernie would match 50% of the requested \$33,150.

VII. Description

Name of Waterbody benefitting from the project: White Bear Lake

List and Describe the BMP to be incorporated into this Project: A sump at the bottom of the storm sewer structure.

If applicable, describe how the project impacts or protects RCWD groundwater resources, minimizes impervious surfaces, and/or maximize infiltration: N/A

Describe how long-term operation and maintenance of the project will be accomplished:

There should be minimal maintenance other than annual cleaning of the sump in the catch basin, which will be done by the City of Willernie.

VIII. Prioritization

The project is not noted on the RCWD Watershed Management Plan. The project is too small of a drainage area to be recognized.

IX. Targeting

There are no known critical pollutants, the known flooding sources are the upstream neighbors overland drainage, draining onto the city street. This project is the most cost effective because open cut installation is not feasible due to the tight and steep nature of the existing alignment. There is no alternative access point to the wetland that is more cost effective.

X. Measurable Outcomes

See attached Cost estimate. Due the nature of the project, there will be an increase of storm water rate. The remaining measurable outcomes do not apply.

Describe the strategy for monitoring and/or evaluating the results or effectiveness of the project: N/A

XI. Cost Effectiveness

See Attached Cost Estimate. The local match will be taken from the City of Willernie's city budget. This project is the most cost effective because open cut installation is not feasible due to the tight and steep nature of the existing alignment. There is no alternative access point to the wetland that is more cost effective.

XII. Project Readiness

The anticipated schedule would be bidding in February/March with the construction starting upon the ground thawing. Expected construction timeline would be 1 month.

XIII. Engagement Opportunities

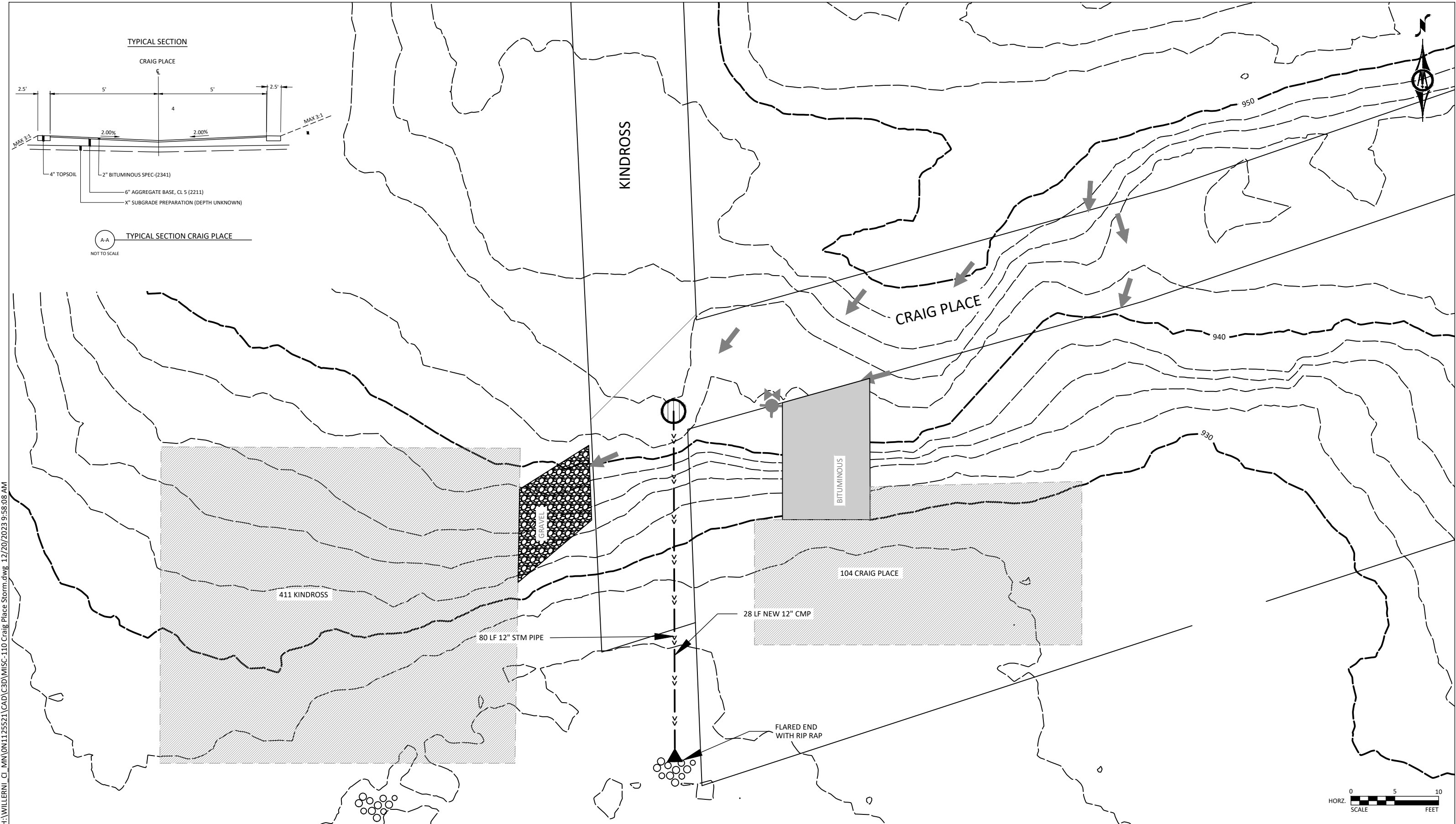
An open house to discuss with the public what improvements are being proposed.

ENGINEER'S ESTIMATE

Craig Place Storm Sewer Replacement
Willernie, MN

December 2023

ITEM NO.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
1	MOBILIZATION	1	EACH	\$2,000.00	\$2,000.00
2	TRAFFIC CONTROL	1	EACH	\$1,000.00	\$1,000.00
3	REMOVE EXISTING STORM SEWER STRUCTURE	1	EACH	\$500.00	\$500.00
4	TRENCHLESS 12" STORM PIPE	80	LF	\$200.00	\$16,000.00
5	CONSTRUCT DRAINAGE STRUCTURE DESIGN 2'X3'	1	EACH	\$3,500.00	\$3,500.00
6	12" FES APRON	1	EACH	\$1,500.00	\$1,500.00
7	RANDOM RIP RAP CLASS III	15	CY	\$120.00	\$1,800.00
8	CASTING ASSEMBLY	1	EACH	\$300.00	\$300.00
9	EROSION CONTROL	1	LS	\$6,000.00	\$6,000.00
10	REMOVE BITUMINOUS PAVEMENT	270	SY	\$10.00	\$2,700.00
11	TYPE SP 12.5 NON WEAR COURSE MIXTURE (3,C)	100	TON	\$95.00	\$9,500.00
12	FINAL SHAPING	50	SY	\$50.00	\$2,500.00
				Total Base	\$47,300.00
				Contingency	15% \$7,100.00
				Engineering and Legal	25% \$11,900.00
				Total Construction Cost	\$66,300.00



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