



Grant Progress Report

Projects and Practices 2025

Grant Title: Bridgewater Regional Stormwater Filter

Grant ID: C25-0190

Grantee: Coon Creek WD

Fiscal Agent: Coon Creek WD

Grant Day-to-Day Contact: Justine Dauphinais

Grant Award (\$): \$625,000.00

Required Match (%): 10

Required Match (\$): \$62,500.00

Grant Execution Date: 03/27/2025

Grant End Date: 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$625,000.00	\$0.00	\$625,000.00
Match Funds	\$285,000.00	\$49,325.75	\$235,674.25
Other Funds	\$15,788.00	\$6,455.88	\$9,332.12
Total	\$925,788.00	\$55,781.63	\$870,006.37

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Project Abstract	In partnership with Blaine, Coon Rapids, and the Anoka County Highway Department, Coon Creek WD will construct a regional stormwater filter to address aquatic life and recreation impairments in Sand Creek. The 15,000-26,000 sq ft filter will treat urban stormwater runoff via sand, iron, and biochar media to reduce TSS, TP, and E. coli loading by 1.4-2 tons, 19-29 pounds, and at least 1,393 billion organisms per year, respectively. The proposed project is a top-ranking project identified in the Knoll Creek (Ditch 39) subwatershed plan, a collaborative effort to identify and pursue the most impactful and cost-effective capital improvement projects to meet joint TMDL goals for Sand Creek regardless of municipal boundaries. The filter will be located adjacent to an existing rate control pond within the Bridgewater neighborhood of Coon Rapids. Secondary benefits include drinking water protection and capture of additional contaminants of emergent concern in urban stormwater.
Proposed Measurable Outcomes	This project will reduce total suspended sediment loading by 1.4-2 tons/yr, total phosphorus loading by 19-29 lbs/yr and E. coli loading by 1,393 billion organisms per year, making progress towards meeting TMDL Wasteload Allocations for Sand and Coon

Creek.

Budget Details

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Administration/Coordination	Administration/Coordination	Local Fund	in-kind CCWD staff time	\$12,112.00	\$5,782.00	\$6,330.00	N
Public Engagement	Education/Information	Local Fund	in-kind CCWD staff time	\$3,676.00	\$673.88	\$3,002.12	N
Technical/Engineering Assistance	Technical/Engineering Assistance	Local Fund	CCWD Levy	\$60,000.00	\$49,325.75	\$10,674.25	Y
Construction	Urban Stormwater Management Practices	Local Fund	CCWD, Blaine, Coon Rapids Local Match	\$225,000.00		\$225,000.00	Y
Construction	Urban Stormwater Management Practices	Current State Grant	Bridgewater Regional Stormwater Filter	\$625,000.00	\$0.00	\$625,000.00	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	19	Lbs/Yr
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	1393000000000	Cfu
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.4	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	1393000000000	Cfu
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	19	Lbs/Yr
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	1.4	Mg/L

Grant Activities

Activity Name: Administration/Coordination

Activity Category: Administration/Coordination **Staff time?:** Yes

Description: This activity includes project coordination meetings with partners, construction management support by CCWD, financial tracking, and all required grant reporting.

This activity will be carried out by CCWD staff, in-kind. Specifically, Jon Janke, CCWD Director of Operations, will be responsible for project management and construction oversight in conjunction with the Project Engineer (See Technical/Engineering Assistance Activity). Justine Dauphinais, CCWD Water Quality Coord, will be responsible for financial tracking and grant reporting with administrative oversight by CCWD Accountant.

CCWD staff will promptly work to execute a Joint Powers Agreement with the landowner(s) (City of Coon Rapids and/or Anoka County depending on final BMP siting and sizing) that provides proper assurances for access, construction, and long-term operations & maintenance for the effective life of the filtration BMP, at least 25 years. This agreement will be submitted to BWSR for review and approval prior to expending any grant funds (An example JPA from a past regional filtration project in Coon Rapids has been attached for reference).

- Milestones:
- Project kickoff meeting w/ partners held by 12/31/2025
 - Annual Reporting in eLink by 2/1/26
 - JPA executed with landowner(s) by 3/31/26 (and before any grant funds are expended)
 - Annual Reporting in eLink by 2/1/27
 - Final Reporting in eLink by 12/31/27

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	in-kind CCWD staff time	\$12,112.00	\$5,782.00	\$6,330.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
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Submitting a June 30 Expenditure Report showing \$0 in grant funds spent through 6/30/25 for State FY expenditures and forecasts.	5/1/2025 10:38:56 AM
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A project Kick off/progress meeting was held on 11/17/25. CCWD continues to work with the District Engineer and project partners (Blaine, Coon Rapids, Anoka County Highways) to advance the concept design towards final design for 2026 construction initiation. An MOU was executed between the City of Blaine and CCWD to earmark funds for project construction and a multi-party JPA is being drafted to formalize cost sharing and responsibilities.	12/31/2025 12:00:00 AM
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CCWD staff continues to document and track expenditures and match and fulfill all reporting requirements.

Activity Name: Construction

Activity Category: Urban Stormwater Management Practices

Staff time?: No

Description: This activity includes construction site preparation & maintenance, mobilization of equipment, installation of the filter and components, demobilization of equipment, and site restoration. All work will be completed by a qualified contractor selected using a competitive bidding process with oversight from Stantec and CCWD staff.

One >15,000 sq ft biochar/iron-enhanced sand filter will be installed in the Bridgewater neighborhood of Coon Rapids, adjacent to Ditch 39, a major tributary to Sand Creek. The parcel(s) where the filter will be located are publicly owned (City of Coon Rapids and/or Anoka County depending on final siting and extent) and all access, staging, and construction will occur on public land, facilitated by a Joint Powers Agreement.

Water will be diverted from Ditch 39 and filtered to remove at least 1.4 tons TSS, 19 lbs TP and 1393 billion organisms E. coli/yr.

CCWD, City of Blaine, and City of Coon Rapids will contribute a combined minimum of \$225,000 towards construction as local cash match as part of Ditch 39 Subwatershed Joint Task Force.

Milestones:

Construction contractor awarded by October 31st, 2026

Final completion by July 31, 2027.

Note: Construction is anticipated to begin as early as November 2025, but a 1-year timeline buffer is built into this work plan in case of unforeseen permitting or construction delays

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	Bridgewater Regional Stormwater Filter	\$625,000.00	\$0.00	\$625,000.00	06/30/2025	N
Local Fund	CCWD, Blaine, Coon Rapids Local Match	\$225,000.00		\$225,000.00		Y

Actual Results

<u>Results</u>	<u>Date Added</u>
No activity under this Grant Activity in 2025. Bidding is planned for late 2026 with construction to follow in 2026/2027.	12/31/2025 12:00:00 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Total Suspended Solids (TSS)	1.4	Mg/L
Pathogens (E. Coli)	1393000000000	Cfu
Phosphorus (Est. Reduction)	19	Lbs/Yr

Activity Action Name: Bridgewater Regional BIESF	Activity Count: 0
Practice Type: 811M - Filtration Practices	Size/Units:
TA Provider/JAA: Private Consultant	Lifespan: 25 Years
Practice Description: >15,000 sq ft biochar and iron-enhanced sand filter to treat urban stormwater runoff from Ditch 39 subwatershed, just upstream of its confluence with Sand Creek.	Install Date:
	Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	1393000000000	Other	Sand Creek
Phosphorus (Est. Reduction)	Lbs/Yr	19	P8 Urban Catchment Model	Sand Creek
Total Suspended Solids (TSS)	Mg/L	1.4	P8 Urban Catchment Model	Sand Creek

Activity Name: Public Engagement

Activity Category: Education/Information

Staff time?: Yes

Description: Efforts will be made to engage the public throughout the entire project. Local stakeholders will be invited to participate in a public open house to discuss local water quality impairments, the proposed BMP, and to gather feedback. Project updates will be published on a dedicated project webpage and in the City of Coon Rapids' quarterly newsletter and/or via direct mailers. Additionally, to engage water resource practitioners, the results of this project will be presented at a professional conference such as the MN Water Resources Conference or shared via a project tour hosted by CCWD.

This activity will be carried out by CCWD staff, in-kind. Jessica Lindemyer, CCWD Engagement Coordinator, will be the lead.

Milestones:

Project webpage launched by 12/31/25

Project open house held by 7/31/2026

Newsletter article or mailers published by 12/31/26

Practitioner-focused event held by 11/1/2027

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	in-kind CCWD staff time	\$3,676.00	\$673.88	\$3,002.12	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
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In July, CCWD staff made initial contact with adjacent residents via door-to-door targeted outreach to inform residents of an upcoming project and discuss communication channels.	12/31/2025 12:00:00 AM
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In October, CCWD staff published a project-specific webpage (<https://www.cooncreekwd.org/bsbiesf/>) which will be continually updated as project implementation progresses.

Activity Action Name:	Public Open House	Activity Count: 0
Practice Type:	100M - Presentations	Size/Units:
TA Provider/JAA:	Other	Lifespan:
Practice Description:	Virtual or in-person public open house to introduce and gather feedback on project	Install Date:
		Mapped: No

Activity Action Name:	Professional Presentation	Activity Count: 0
Practice Type:	100M - Presentations	Size/Units:
TA Provider/JAA:	Other	Lifespan:
Practice Description:	Conference presentation or hosted tour for water resource practitioners	Install Date:
		Mapped: No

Activity Name: Technical/Engineering Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: The District Engineer, Stantec, will provide technical and engineering assistance throughout the Project under the direction of CCWD staff. The Engineer will review geotechnical findings to finalize filter siting and sizing between the two available public properties (City-owned S parcel and/or County-owned N parcel), develop and complete final design plans and specifications, implement the bidding process, and provide construction oversight (supervision and inspections) and final sign off on project completion.

Eileen Weigel, P. E., will be the lead Engineer and will adhere to recognized design standards for filtration practices (MN Stormwater Manual). Stantec has designed many similar regional filtration BMPs including 4 within CCWD since 2019. This activity will be funded by CCWD as cash match (\$60,000).

Milestones

Final Design and bid packet completed by March 31, 2026

Construction contractor awarded by October 31, 2026

Engineer's sign off on final completion by July 31, 2027

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	CCWD Levy	\$60,000.00	\$49,325.75	\$10,674.25	12/31/2025	Y

Actual Results

Results **Date Added**

Under the direction of and with assistance from CCWD staff, Stantec evaluated multiple design options at the project site including geotechnical exploration and analysis (sediment type, water table depth, contamination testing, structure surveys). It was determined that a gravity-based filter would be feasible to construct on the southern site owned by City of Coon Rapids and extending into the Anoka County Highway ROW. Final design plans and specifications are in the process of being prepared for public bidding to be initiated in 2026.

12/31/2025 12:00:00 AM