



Grant Progress Report

Watershed Based Implementation 2025

Grant Title: Rain Garden Revitalization in CCWD

Grant ID: C25-0323

Grantee: Anoka CD

Fiscal Agent: Anoka CD

Grant Day-to-Day Contact: Chris Lord

Grant Award (\$): \$71,000.00

Required Match (%): 10

Required Match (\$): \$7,100.00

Grant Execution Date: 05/28/2025

Grant End Date: 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$71,000.00	\$3,887.86	\$67,112.14
Match Funds	\$7,100.00	\$6,047.74	\$1,052.26
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$78,100.00	\$9,935.60	\$68,164.40

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

Project Abstract	<p>This project will achieve at least 5.2 lbs per year in Total Phosphorus reductions by completing revitalization efforts on existing rain gardens in the Coon Creek watershed. All rain gardens work on under this grant are beyond their original 10-year life. Revitalization will include removal of accumulated sediment, organic matter and debris, replacement of plants, and fresh mulch. If cost-effective, some gardens will be retrofitted with a pretreatment chamber or a stable inlet and may even be enlarged. Revitalized rain gardens will involve formalized commitments by the landowners to continue maintenance for an additional 10-years, including deed restrictions. Revitalization of approximately 10 gardens is anticipated to meet water quality improvement goals.</p> <p>Within the Coon Creek Watershed, 48 rain gardens have been installed beginning, all of which will be over 10 years or older as of 2026. The average calculated water quality improvement benefit is 1 lb-TP per year per rain garden. None of the gardens are</p>
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completely non-functional, but many have significantly reduced storage volumes and lower infiltration rates than they did when first installed. Within the group of 48 candidate gardens, revitalization efforts will be focused on those with the greatest potential for water quality improvement gains. All gardens that remain active continue to provide benefits. As such, only partial credit will be given for water quality improvements compared to the original design and function. Additional field work will be conducted to verify the current degree of degradation to accurately calculate benefits.

Proposed Measurable Outcomes

Annual TP reductions of 5.2 lbs. by revitalizing existing rain gardens that are beyond their original 10-year life.

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>
Technical/ Engineering	Technical/Engineering Assistance	Local Fund	City of Fridley	\$7,100.00	\$6,047.74	\$1,052.26	Y
Grant Administration	Administration/Coordination	Current State Grant	Rain Garden Revitalization in CCWD	\$2,000.00	\$86.04	\$1,913.96	N
Technical/ Engineering	Technical/Engineering Assistance	Current State Grant	Rain Garden Revitalization in CCWD	\$15,000.00	\$3,801.82	\$11,198.18	N
Rain Garden Rehabs	Urban Stormwater Management Practices	Current State Grant	Rain Garden Revitalization in CCWD	\$54,000.00		\$54,000.00	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)	5.2	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.75	Tons/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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Grant Activities

Activity Name: Grant Administration

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

Description: Grant administration/ coordination including bookkeeping, time tracking, record-keeping, and reporting.

Coon Creek Watershed District 2024-2033 Comprehensive Watershed Management Plan - page 351 Table 3.30 - Project: Existing BMP Revitalization Program

Milestones: Annual eLink reporting

Staff & Credentials:

Kathy Berkness, Office Administrator, 20+ years at ACD managing state grants in eLink.

Chris Lord, District Manager, 30+ years at ACD managing state grants

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	Rain Garden Revitalization in CCWD	\$2,000.00	\$86.04	\$1,913.96	06/30/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2025 - Bookkeeping and eLINK	2/24/2026 10:35:09 AM

Activity Name: Rain Garden Rehabs

Activity Category: Urban Stormwater Management Practices

Staff time?: No

Description: For existing rain gardens beyond their original 10-year life; remove accumulated sediment, organics, and debris; potentially enlarge basins beyond original size; possibly enhance soil; incorporate pretreatment or other stable inlet as warranted; repair retaining walls if needed; replace plants and mulch. Sufficient projects will be completed to enhance water quality by 5.2 lbs-TP/year for ten years. We anticipate this will require rehabilitation of approximately 10 rain gardens.

Selected sites will be returned at least to as-built specifications and brought up to modern bioretention basin design guidance in accordance with the Minnesota Stormwater Manual. If cost-effective and within budget, enhancement may be made to exceed the original as-built function by increasing storage, improving infiltration rates, or increasing contaminant adsorption. Revitalization will be contingent on either; the property owner signing a 10-year agreement to continue operations and maintenance, which shall be recorded against the property as a deed restriction; or the city or watershed entering into a formal agreement to assume operations and maintenance responsibility.

Coon Creek Watershed District 2024-2033 Comprehensive Watershed Management Plan - page 351 Table 3.30 - Project: Existing BMP Revitalization Program

Milestones:

2027 Installation

Staff and Credentials:

Chris Lord, District Manager, BS Env. Sci., 30+ years in conservation, JAA in Stormwater Runoff Control (570M)

Brian Clark, Technician, BS Civil Engineering, licensed professional engineer with 2 years in conservation

Mitch Hausteine, Stormwater and Shoreline Specialist, MS Ecology, 15+ years rain garden design

Breanna Keith, Water Resource Specialist, MS Ecology, 3 years in conservation including rain garden design and installation management

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	Rain Garden Revitalization in CCWD	\$54,000.00		\$54,000.00		N

Activity Name: Technical/ Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Identify sites, develop plans, secure landowner agreements, bid the project, manage implementation, calculate benefits.

48 rain gardens within the Coon Creek Watershed District are eligible (beyond 10 year contract) for revitalization in 2026. Only as many as 10 can be improved under this grant. The degree to which rain garden function has been diminished since installation varies significantly due to numerous variables. This program will focus on conducting revitalization on rain gardens where the greatest marginal water quality improvements can be gained for the investment. Selected sites are likely to present opportunities to increase infiltration rates, increase storage volumes, and improve contaminant capture efficiency during filtration or infiltration with soil amendments. Ancillary benefit will be pollinator habitat improvement, volume reductions, and aesthetics. All benefits will be calculated from the perspective of pollutant delivery to the target water body, not edge of field utilizing WinSLAMM.

Coon Creek Watershed District 2024-2033 Comprehensive Watershed Management Plan - page 351 Table 3.30 - Project: Existing BMP Revitalization Program

Matching funds from the City of Fridley will be cash used to contract ACD staff to provide services.

Milestones:

2025:

Site characterization, potential benefits estimates, ranking, and selection

Landowner agreements

2026:

Site designs/ revitalization plans

Project bidding

2027:

Project installation

Final project reporting

Staff & credentials:

Chris Lord, District Manager, BS Env. Sci., 30+ years in conservation, JAA in Stormwater Runoff Control (570)

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Current State Grant	Rain Garden Revitalization in CCWD	\$15,000.00	\$3,801.82	\$11,198.18	12/31/2025	N
Local Fund	City of Fridley	\$7,100.00	\$6,047.74	\$1,052.26	12/31/2025	Y

Actual Results

<u>Results</u>	<u>Date Added</u>
2025 - Technical/engineering assistance - review of existing and new rain garden locations	2/24/2026 10:36:36 AM