



Grant Progress Report

EPA 319 Fund 2022

Grant Title: Rat Root River NKE P1

Grant ID: P22-3265

Grantee: Koochiching SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Pam Tomevi

Grant Award (\$): \$291,965.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date:

Grant End Date:

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$291,965.00	\$17,931.00	\$274,034.00
Match Funds	\$195,000.00	\$47,506.33	\$147,493.67
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$486,965.00	\$65,437.33	\$421,527.67

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

Budget Details

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Objective 6: Administration	Administration/Coordination	Local Fund	Objective 5: Match	\$15,000.00		\$15,000.00	Y
Objective 1: Community and Partner Outreach	Education/Information	Local Fund	Objective 1: Match	\$8,500.00		\$8,500.00	Y

Activity Name	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Objective 2: Increase Forest Stewardship Implementation	Forestry Practices	Local Fund	Objective 2: Match	\$46,500.00	\$47,506.33	(\$1,006.33)	Y
Objective 4: Water Quality Monitoring	Monitoring/Data Collection	Local Fund	Objective 4: Match	\$60,000.00		\$60,000.00	Y
Objective 3: Streambank Restoration	Streambank or Shoreline Protection	Local Fund	Objective 3: Match	\$55,000.00		\$55,000.00	Y
Objective 5: Project Coordination and Technical Assistance	Technical/Engineering Assistance	Local Fund	Objective 5: Match	\$10,000.00		\$10,000.00	Y
Objective 6: Administration	Administration/Coordination	Current State Grant	Rat Root River NKE P1	\$15,000.00	\$1,395.50	\$13,604.50	N
Objective 1: Community and Partner Outreach	Education/Information	Current State Grant	Rat Root River NKE P1	\$3,500.00	\$100.00	\$3,400.00	N
Objective 2: Increase Forest Stewardship Implementation	Forestry Practices	Current State Grant	Rat Root River NKE P1	\$23,465.00	\$13,160.50	\$10,304.50	N
Objective 4: Water Quality Monitoring	Monitoring/Data Collection	Current State Grant	Rat Root River NKE P1	\$5,000.00	\$838.50	\$4,161.50	N
Objective 3: Streambank Restoration	Streambank or Shoreline Protection	Current State Grant	Rat Root River NKE P1	\$185,000.00	\$708.50	\$184,291.50	N
Objective 5: Project	Technical/Engineering	Current State Grant	Rat Root River NKE P1	\$60,000.00	\$1,728.00	\$58,272.00	N

<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>
Coordination and Technical Assistance	Assistance						

Grant Activities

Activity Name: Objective 1: Community and Partner Outreach

Activity Category: Education/Information **Staff time?:** No

Description: Plan and conduct community and partner outreach using a variety of media forums. Plan and conduct at least five workshops or events to engage and educate local stakeholders and landowners. Workshops and events will enhance understanding and engagement in activities targeted in the NKEP. These include timber harvest best management practices (BMPs), riparian and water quality BMPs, maintaining natural buffers along streambanks and shorelines, land management, and 319 plan engagement.

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	Rat Root River NKE P1	\$3,500.00	\$100.00	\$3,400.00	09/30/2025	N
Local Fund	Objective 1: Match	\$8,500.00		\$8,500.00		Y

Actual Results

<u>Results</u>	<u>Date Added</u>
2025: Event planning	1/30/2026 2:44:22 PM

Activity Name: Objective 2: Increase Forest Stewardship Implementation

Activity Category: Forestry Practices

Staff time?: No

Description: Objective 1: Increase forest stewardship implementation to reduce erosion and stormwater runoff into the Rat Root River.

Task A: Outreach to private landowners with more than 20 acres of land that are not currently enrolled in an easement program and enrollment and development of 15 forest stewardship plans. Assist 46 landowners with new forest protection program enrollment such as the Sustainable Forest Incentive Act (SFIA) or other forest protection program and maintain eligibility in existing covenants. This includes providing forest protection incentives through SFIA as match.

Task B: Reforestation of 27 acres of non-forested land through tree plantings. Diversify tree species, emphasizing longer-lived conifers and climate change resiliency in species selection.

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	Objective 2: Match	\$46,500.00	\$47,506.33	(\$1,006.33)	12/31/2025	Y
Current State Grant	Rat Root River NKE P1	\$23,465.00	\$13,160.50	\$10,304.50	12/31/2025	N

Actual Results

Results Date Added

2025 funds paid for: 1/30/2026 11:23:01 AM
 4 landowner tree plantings. Staff time to hand plant and mechanically plant trees, landowner and agency outreach and technical assistance.
 Match: Tree seedling planting and aerial tree seeding on harvested county forest lands within the Rat Root watershed. MN DNR cost-shared tree plantings on unforested private lands within the Rat Root River watershed.

Activity Action Name:	Ben West Rat Root River Shoreline Tree Planting	Activity Count: 1
Practice Type:	612 - Tree/Shrub Establishment	Size/Units: 1.25 - Acres
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:	100 Trees Planted	Install Date: 05/15/2025
		Mapped: Yes

Activity Action Name:	Jep and Pam Fator Shoreline Tree Planting	Activity Count: 1
Practice Type:	612 - Tree/Shrub Establishment	Size/Units: 0.25 - Acres
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:	110 Trees and Shrubs Planted	Install Date: 05/12/2025
		Mapped: Yes

Activity Action Name:	Hackenmueller Shoreline Tree Planting	Activity Count: 1
Practice Type:	612 - Tree/Shrub Establishment	Size/Units: 0.25 - Acres
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:	125 Trees and Shrubs Planted	Install Date: 05/22/2025
		Mapped: Yes

Activity Action Name:	Mikala Hansen Field Tree Planting	Activity Count: 1
Practice Type:	612 - Tree/Shrub Establishment	Size/Units: 20 - Acres
TA Provider/JAA:	SWCD	Lifespan: 15 Years
Practice Description:	6500 Trees and Shrubs Planted	Install Date: 06/16/2025
		Mapped: Yes

Activity Name: Objective 3: Streambank Restoration

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Objective 3: Restore degraded streambanks and remove former trail bridge and piling contributing to stream destabilization while ensuring activities will not contribute to degradation or negatively impact stream stability.

Task A: Plan and implement streambank restoration on the Rat Root River (Bank 39) and East Rat Root River (Bank 563). Evaluate options for restoration to ensure the chosen method does not have the potential to degrade habitat and water quality by including the appropriate authorities and partners in the planning and implementation process.

Task B: Plan and implement the removal of former trail bridge and pilings in the Rat Root River with consideration of removal methods that will not negatively impact stream stability. Evaluate options for removal to ensure the chosen partners in the planning and implementation process.

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	Rat Root River NKE P1	\$185,000.00	\$708.50	\$184,291.50	12/31/2025	N
Local Fund	Objective 3: Match	\$55,000.00		\$55,000.00		Y

Actual Results

<u>Results</u>	<u>Date Added</u>
2025 funds paid for staff time for site assessments on streambank erosion sites and bridge removal site.	1/30/2026 3:16:13 PM

Activity Name: Objective 4: Water Quality Monitoring

Activity Category: Monitoring/Data Collection

Staff time?: No

Description: Objective 4: Water quality monitoring to evaluate effectiveness of BMPs implemented. Monitoring data submitted to MPCA.

Task A: Water Quality Sampling (Watershed Pollutant Load Monitoring Network (WPLMN) equivalent) to evaluate effectiveness of BMPs implemented. Monitoring should follow the most recent WPLMN Quality Assurance Project Plan (QAPP) for TSS and nutrient parameters. Water quality samples and field measurements will be collected at least three sites throughout the Rat Root Watershed. Monitor locations in the middle reach of the Rat Root River for low DO to determine the effectiveness of sediment reducing BMPs reducing the sediment-oxygen demand.

Task B: Enter and review all water quality monitoring data generated into the Environmental Quality Information System (EQUIS) and complete necessary paperwork associated with site establishments and field data.

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	Objective 4: Match	\$60,000.00		\$60,000.00		Y
Current State Grant	Rat Root River NKE P1	\$5,000.00	\$838.50	\$4,161.50	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
2025 funds used to fund staff time for sampling site selection field work and stream cross section mapping.	1/30/2026 3:21:29 PM

Activity Name: Objective 5: Project Coordination and Technical Assistance

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Objective 5: Project Coordination and technical assistance.

Task A: Coordination and technical support for phase one NKEP projects including project development, design, and development of BMPs, coordination of landowners, contractors, and engineers on BMP installations, and inspection of implemented projects.

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	Rat Root River NKE P1	\$60,000.00	\$1,728.00	\$58,272.00	12/31/2025	N
Local Fund	Objective 5: Match	\$10,000.00		\$10,000.00		Y

Actual Results

<u>Results</u>	<u>Date Added</u>
2025 funds used for for staff time to coordinate projects, conduct outreach to agencies, and develop tree planting practice plans.	1/30/2026 3:29:47 PM

Activity Name: Objective 6: Administration

Activity Category: Administration/Coordination

Staff time?: No

Description: Objective 6: Administration

Task A: Submit semi-annual reports by February 1st and August 1st of each year. A final report will be submitted to MPCA no later than 15 days before the end of the grant. Report BMPs each year they are implemented by February 1st to the statewide eLINK data system. Invoices will be submitted to MPCA at least quarterly. Reporting and financial tracking are part of this objective.

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	Objective 5: Match	\$15,000.00		\$15,000.00		Y
Current State Grant	Rat Root River NKE P1	\$15,000.00	\$1,395.50	\$13,604.50	12/31/2025	N
Actual Results						
<u>Results</u>					<u>Date Added</u>	
2025 funds used to create a tracking and invoice template, track staff time, and submit invoices.					1/30/2026 3:31:17 PM	