



# Grant Progress Report

## Septic Treatment Systems Upgrade - NRBG 2024

**Grant Title:** 2024 - Septic Treatment Systems Upgrade - NRBG (Douglas County)

**Grant ID:** P24-0671

**Grantee:** Douglas County

**Fiscal Agent:**

**Grant Day-to-Day Contact:** Jerome Haggemiller

**Grant Award (\$):** \$32,703.00

**Required Match (%):** 0

**Required Match (\$):** \$0.00

**Grant Execution Date:** 12/06/2023

**Grant End Date:** 12/31/2027

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$32,703.00	\$25,397.00	\$7,306.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$32,703.00</b>	<b>\$25,397.00</b>	<b>\$7,306.00</b>

\*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?
Septic upgrade cost share admin. and coordination	Administration/Coordination	Current State Grant	2024 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$3,270.00	\$2,250.00	\$1,020.00	N
Low-income septic cost share	Subsurface Sewage Treatment Systems	Current State Grant	2024 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$29,433.00	\$23,147.00	\$6,286.00	N

## Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	BOD 5	1489	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	33	Lbs/Yr
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	25.4	Cfu
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	37	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	0.28	Tons/Yr
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	566.13	Mg/L

**Grant Activities**

**Activity Name: Low-income septic cost share**

**Activity Category:** Subsurface Sewage Treatment Systems **Staff time?:** No

**Description:** Cost Share funds for low-income landowners for septic upgrades

**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	2024 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$29,433.00	\$23,147.00	\$6,286.00	08/11/2025	N

**Actual Results**

<u>Results</u>	<u>Date Added</u>
2023-no cost share funds spent in calendar year 2023.	12/29/2023 12:00:00 AM
2024, three low-income septic updates completed this past year.	1/24/2025 4:41:21 PM
2025 Upgrade of 1 low income septic system. Funds are encumbered for one more system that didn't get installed in 2026.	1/28/2026 1:27:09 PM

**Final Indicators**

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	0.28	Tons/Yr
BOD 5	1489	Lbs/Yr
Total Suspended Solids (TSS)	566.13	Mg/L
Nitrogen	33	Lbs/Yr
Pathogens (E. Coli)	25.4	Cfu
Phosphorus (Est. Reduction)	37	Lbs/Yr

Activity Action Name:	Johnson Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 15 Years
Practice Description:	Failed septic update.	Install Date: 10/16/2024
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.1	Septic System Improvement Estimator (SSIE)	Red Rock Lake
BOD 5	Lbs/Yr	372	Septic System Improvement Estimator (SSIE)	Red Rock Lake
Pathogens (E. Coli)	Cfu	6.35	Septic System Improvement Estimator (SSIE)	Red Rock Lake
Phosphorus (Est. Reduction)	Lbs/Yr	9	Septic System Improvement Estimator (SSIE)	Red Rock Lake
Total Suspended Solids (TSS)	Mg/L	206	Septic System Improvement Estimator (SSIE)	Red Rock Lake

Activity Action Name:	Prechel Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 15 Years
Practice Description:	Failed septic update	Install Date: 11/12/2024
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	9	Septic System Improvement Estimator (SSIE)	Williams Lake
Pathogens (E. Coli)	Cfu	6.35	Septic System Improvement Estimator (SSIE)	Williams Lake
BOD 5	Lbs/Yr	372	Septic System Improvement Estimator (SSIE)	Williams Lake
Total Suspended Solids (TSS)	Mg/L	206	Septic System Improvement Estimator (SSIE)	Williams Lake
Sediment (Tss)	Tons/Yr	0.1	Septic System Improvement Estimator (SSIE)	Williams Lake

Activity Action Name:	Cook Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 15 Years
Practice Description:	Upgrade of failed septic system	Install Date: 10/16/2024
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Total Suspended Solids (TSS)	Mg/L	154	Septic System Improvement Estimator (SSIE)	Nelson Lake
Pathogens (E. Coli)	Cfu	4.76	Septic System Improvement Estimator (SSIE)	Nelson Lake
Phosphorus (Est. Reduction)	Lbs/Yr	7	Septic System Improvement Estimator (SSIE)	Nelson Lake
Sediment (Tss)	Tons/Yr	0.08	Septic System Improvement Estimator (SSIE)	Nelson Lake
BOD 5	Lbs/Yr	279	Septic System Improvement Estimator (SSIE)	Nelson Lake

Activity Action Name:	Schmidt Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 15 Years
Practice Description:	Installation of septic system to replace failed system	Install Date: 08/11/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake Osakis
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Osakis
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Osakis
Total Suspended Solids (TSS)	Mg/L	0.13	Septic System Improvement Estimator (SSIE)	Lake Osakis
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Osakis

## Activity Name: Septic upgrade cost share admin. and coordination

Activity Category: Administration/Coordination	Staff time?: No
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**Description:** Septic Upgrade cost share admin. and coordination.

### 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	2024 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$3,270.00	\$2,250.00	\$1,020.00	12/31/2024	N

**Actual Results**

<u>Results</u>	<u>Date Added</u>
2023-No funds spent in calendar year 2023.	12/29/2023 12:00:00 AM
2024, three low-income septic systems installed.	1/24/2025 4:47:26 PM