



# Grant Progress Report

## Septic Treatment Systems Upgrade - NRBG 2025

**Grant Title:** 2025 - Septic Treatment Systems Upgrade - NRBG (Douglas County)

**Grant ID:** P25-0761

**Grantee:** Douglas County

**Fiscal Agent:**

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

**Grant Award (\$):** \$160,000.00

**Required Match (%):** 0

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

**Grant Execution Date:** 10/15/2024

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

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$160,000.00	\$144,500.00	\$15,500.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$160,000.00</b>	<b>\$144,500.00</b>	<b>\$15,500.00</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.	Administration/Coordination	Current State Grant	2025 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$4,000.00	\$3,500.00	\$500.00	N
Low Income Septic Upgrade Cost Share	Subsurface Sewage Treatment Systems	Current State Grant	2025 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$156,000.00	\$141,000.00	\$15,000.00	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	4660	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	330	Lbs/Yr
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	79.4	Cfu
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	120	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.3	Tons/Yr

## Grant Activities

### Activity Name: Low Income Septic Upgrade Cost Share

**Activity Category:** Subsurface Sewage Treatment Systems

**Staff time?:** No

**Description:** Cost share provided to low-income landowners to upgrade failed septic systems.

#### 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	2025 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$156,000.00	\$141,000.00	\$15,000.00	12/08/2025	N

**Actual Results**

<u>Results</u>	<u>Date Added</u>
No Funds spent in calendar year 2024	1/23/2025 11:48:21 AM
2025 11 low-income septic systems installed in 2025. Funds have been encumbered for 1 additional system to be installed in 2026.	1/28/2026 3:18:21 PM

**Final Indicators**

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	330	Lbs/Yr
Sediment (Tss)	1.3	Tons/Yr
BOD 5	4660	Lbs/Yr
Pathogens (E. Coli)	79.4	Cfu
Phosphorus (Est. Reduction)	120	Lbs/Yr

Activity Action Name:	John Bitzen 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
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Moses
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Lake Moses
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Moses
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake Moses
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Moses

Activity Action Name: Briol 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 septic system.	Install Date: 10/14/2025
	Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Elk Lake
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Elk Lake
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Elk Lake
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Elk Lake
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Elk Lake

Activity Action Name:	Diedrich 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 septic system.	Install Date: 11/10/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake ida
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Lake Ida
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Ida
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Ida
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Ida

Activity Action Name:	Haggenmiller 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 septic system	Install Date: 12/08/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Miltona
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Lake Miltona
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Miltona
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake Miltona
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Miltona

Activity Action Name:	Peterson 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 septic system.	Install Date: 09/08/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Stowe Lake
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Stowe Lake
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Stowe Lake
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Stowe Lake
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Stowe Lake

Activity Action Name:	Brunson 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 septic system.	Install Date: 08/11/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Lake Aaron
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake Aaron
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Aaron
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Aaron
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Aaron

Activity Action Name:	Sleman 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 replacing failed septic system.	Install Date: 10/14/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Lake Ida
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Lake Ida
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Lake Ida
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Lake Ida
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Lake Ida

Activity Action Name:	David Bitzen 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 septic system.	Install Date: 09/08/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Stockhusen Lake
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Stockhusen Lake
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Stockhusen Lake
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Stockhusen Lake
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Stockhusen Lake

Activity Action Name:	Becker 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 septic system.	Install Date: 11/10/2025
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Spruce Creek
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Spruce Creek
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Spruce Creek
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Spruce Creek
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Spruce Creek

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

Indicator Name	Units	Value	Calculation Tool	Waterbody
BOD 5	Lbs/Yr	466	Septic System Improvement Estimator (SSIE)	Spruce Creek
Nitrogen	Lbs/Yr	33	Septic System Improvement Estimator (SSIE)	Spruce Creek
Pathogens (E. Coli)	Cfu	7.94	Septic System Improvement Estimator (SSIE)	Spruce Creek
Phosphorus (Est. Reduction)	Lbs/Yr	12	Septic System Improvement Estimator (SSIE)	Spruce Creek
Sediment (Tss)	Tons/Yr	0.13	Septic System Improvement Estimator (SSIE)	Spruce Creek

**Activity Name: Septic upgrade cost share admin.**

**Activity Category:** Administration/Coordination **Staff time?:** No

**Description:** Landowner outreach, cost share contract admin, payment processing, and grant reporting.

**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	2025 - Septic Treatment Systems Upgrade - NRBG (Douglas County)	\$4,000.00	\$3,500.00	\$500.00	12/31/2025	N

**Actual Results**

<u>Results</u>	<u>Date Added</u>
No funds spent in calendar year 2024.	1/23/2025 11:51:04 AM
2025 10 low income septic systems installed. Remaining grant funds have been encumbered for 1 additional septic update to be completed in 2026.	1/28/2026 3:16:31 PM