



Grant Progress Report

Septic Treatment Systems Upgrade - NRBG 2022

Grant Title: 2022 - Septic Treatment Systems Upgrade - NRBG (Douglas County)

Grant ID: P22-6897

Grantee: Douglas County

Fiscal Agent:

Grant Day-to-Day Contact: Jerome Haggmiller

Grant Award (\$): \$35,406.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 12/21/2021

Grant End Date: 10/21/2026

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$35,406.00	\$33,655.00	\$1,751.00
Match Funds	\$0.00	\$0.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$35,406.00	\$33,655.00	\$1,751.00

*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	2022 - Septic Treatment Systems Upgrade - NRBG (Douglas Coun..	\$3,541.00	\$3,003.00	\$538.00	N
Low income septic cost share	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Douglas Coun..	\$31,865.00	\$30,652.00	\$1,213.00	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	932	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	93	Lbs/Yr
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	22.23	Cfu
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	33	Lbs/Yr
Water Pollution (Reduction Estimates)	Prevention	372	
Water Pollution (Reduction Estimates)	Total Suspended Solids (TSS)	206.26	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 upgrading low income septic systems in Douglas County. 2022 through 2024.

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	2022 - Septic Treatment Systems Upgrade - NRBG (Douglas Coun..	\$31,865.00	\$30,652.00	\$1,213.00	02/21/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in calendar year 2021.	1/14/2022 10:18:51 AM
2022 Two low-income septic systems upgraded in 2022.	
2023 - 3 septic's installed during the past year.	12/29/2023 12:00:00 AM
2024- 1 septic installed. Encumbered remaining grant funds for two septic updates, that will be installed in 2025.	1/24/2025 3:05:42 PM
One septic installed in 2025. One remaining septic to be installed in 2026 with remaining funds.	1/27/2026 11:58:03 AM

Final Indicators		
<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	33	Lbs/Yr
Prevention	372	
BOD 5	932	Lbs/Yr
Pathogens (E. Coli)	22.23	Cfu
Nitrogen	93	Lbs/Yr
Total Suspended Solids (TSS)	206.26	Mg/L

Activity Action Name: Bruns Septic Update	Activity Count: 1
Practice Type: 126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA: Other	Lifespan: 10 Years
Practice Description: Upgrade of failed septic system.	Install Date: 02/15/2024
	Mapped: Yes

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

Activity Action Name:	Wirderholt 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 replaced failed system.	Install Date: 02/20/2025
		Mapped: Yes

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

Activity Action Name:	Paul Schmidt Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 10 Years
Practice Description:	Installation of failed septic system.	Install Date: 08/14/2023
		Mapped: No

Activity Action Name:	Hawkins Septic Upgrade	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 10 Years
Practice Description:	Pollution reductions reported in FY22 BWSR Septic Upgrade.	Install Date: 11/15/2022
		Mapped: No

Activity Action Name:	Robert Peterson Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 10 Years
Practice Description:	Installation of failed septic system.	Install Date: 07/10/2023
		Mapped: No

Activity Action Name:	Schwardt Septic Upgrade	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 10 Years
Practice Description:	Pollution reductions reported in FY22 BWSR Septic Upgrade.	Install Date: 10/13/2022
		Mapped: No

Activity Action Name:	Braaten Septic Update	Activity Count: 1
Practice Type:	126M - Septic System Improvement	Size/Units: 1 - Count
TA Provider/JAA:	Other	Lifespan: 10 Years
Practice Description:	Installation of failed septic system.	Install Date: 07/10/2023
		Mapped: No

Indicator Name	Units	Value	Calculation Tool	Waterbody
Total Suspended Solids (TSS)	Mg/L	206	Septic System Improvement Estimator (SSIE)	Grants Lake
Pathogens (E. Coli)	Cfu	6.35	Septic System Improvement Estimator (SSIE)	Grants Lake
Phosphorus (Est. Reduction)	Lbs/Yr	9	Septic System Improvement Estimator (SSIE)	Grants Lake
Nitrogen	Lbs/Yr	27	Septic System Improvement Estimator (SSIE)	Grants Lake
Prevention		372	Septic System Improvement Estimator (SSIE)	Grants Lake

Activity Name: Septic Upgrade cost share admin

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

Description: Administration of cost share funds for low income 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	2022 - Septic Treatment Systems Upgrade - NRBG (Douglas Coun..	\$3,541.00	\$3,003.00	\$538.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in calendar year 2021.	1/14/2022 10:21:13 AM
2022 Two low-income septics installed in 2022. Grant reporting and cost share contract Admin for two contracts.	
2023 - 3 low income septics install during the year.	12/29/2023 12:00:00 AM
2024, One septic system installed, remaining funds encumbered for two septic updates to be installed in 2025.	1/24/2025 3:34:50 PM
2025 One septic installing in 2025. One remaining septic to be updated in 2026.	1/27/2026 11:56:57 AM