



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2022

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

Grant ID - P22-6929

Organization - Todd County

Original Awarded Amount	\$33,826.00	Grant Execution Date	10/20/2021
Required Match Amount	\$0.00	Original Grant End Date	12/31/2024
Required Match %	0%	Grant Day To Day Contact	Sarah Katterhagen
Current Awarded Amount	\$33,826.00	Current End Date	12/31/2024

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$33,826.00	\$32,689.52	\$1,136.48
Total Match Amount	\$14,442.81	\$14,442.81	\$0.00
Total Other Funds	\$27,279.25	\$24,389.71	\$2,889.54
Total	\$75,548.06	\$71,522.04	\$4,026.02

**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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share Septic Replacement #1	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$7,421.00	\$7,421.00	6/20/2022	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share Septic Replacement #1	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$4,159.75	\$4,159.75	6/20/2022	Y
Cost Share Septic Replacement #1	Subsurface Sewage Treatment Systems	Other Funds	2021 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$1,829.25	\$1,829.25	6/14/2022	N
Cost Share Septic Replacement #1	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$5,000.00	\$5,000.00	6/20/2022	N
Cost Share Septic Replacement #2	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$4,375.00	\$4,375.00	8/15/2022	N
Cost Share Septic Replacement #2	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$4,037.50	\$4,037.50	8/15/2022	Y
Cost Share Septic Replacement #2	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$3,062.50	\$3,062.50	8/15/2022	N
Cost Share Septic Replacement #3	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$7,037.50	\$7,037.50	9/19/2022	N
Cost Share Septic Replacement #3	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$2,111.25	\$2,111.25	9/19/2022	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share Septic Replacement #3	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$4,926.25	\$4,926.25	9/19/2022	N
Cost Share Septic Replacement #4	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$7,325.00	\$7,325.00	10/17/2022	N
Cost Share Septic Replacement #4	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$2,175.00	\$2,175.00	10/17/2022	Y
Cost Share Septic Replacement #4	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$5,000.00	\$5,000.00	10/17/2022	N
Cost Share Septic Replacement #5	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$6,531.02	\$6,531.02	12/27/2022	N
Cost Share Septic Replacement #5	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$1,959.31	\$1,959.31	12/27/2022	Y
Cost Share Septic Replacement #5	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$4,571.71	\$4,571.71	12/27/2022	N
Cost Share Septic Replacements	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Todd County)	\$2,889.54			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cost Share Septic Replacements Placeholder	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$1,136.48			N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	5		1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
NITROGEN	90.00	LBS/YR
SEDIMENT (TSS)	37.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	34.00	LBS/YR
PATHOGENS (E. COLI)	254,100,000,000,000.00	CFU
BOD 5	879.00	LBS/YR
Total Suspended Solids (TSS)	450.00	Mg/L

Grant Activity

Grant Activity - Cost Share Septic Replacement #1

Description	Replaced failed system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	20-Jun-22
Has Rates and Hours?	No		
Actual Results	Replaced Failed System		

Activity Action - Cost Share Replacement #1

Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	20-Jun-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Cost Share Replacement #1

Indicator Name	BOD 5	Value	180
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sauk River		

Final Indicator for Cost Share Replacement #1

Indicator Name	NITROGEN	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sauk River		

Final Indicator for Cost Share Replacement #1

Indicator Name	PATHOGENS (E. COLI)	Value	6.16E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sauk River		

Final Indicator for Cost Share Replacement #1

Indicator Name	Total Suspended Solids (TSS)	Value	100
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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sauk River		
Final Indicator for Cost Share Replacement #1			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sauk River		

Grant Activity - Cost Share Septic Replacement #2			
Description	Replaced failed septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	15-Aug-22
Has Rates and Hours?	No		
Actual Results	Replaced fail system		

Activity Action - Cost Share Replacement #2			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	27-Jul-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Cost Share Replacement #2			
Indicator Name	Total Suspended Solids (TSS)	Value	100
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Big Swan Lake		
Final Indicator for Cost Share Replacement #2			
Indicator Name	NITROGEN	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Big Swan Lake		

Final Indicator for Cost Share Replacement #2			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Big Swan Lake		
Final Indicator for Cost Share Replacement #2			
Indicator Name	PATHOGENS (E. COLI)	Value	6.16E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Big Swan Lake		
Final Indicator for Cost Share Replacement #2			
Indicator Name	BOD 5	Value	180
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Big Swan Lake		

Grant Activity - Cost Share Septic Replacement #3			
Description	replace failed septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Sandgren Septic			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	One replacement mound system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	6-Sep-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Sandgren Septic			
Indicator Name	PATHOGENS (E. COLI)	Value	6.16E13

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Long Prairie River		
Final Indicator for Sandgren Septic			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Long Prairie River		
Final Indicator for Sandgren Septic			
Indicator Name	NITROGEN	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Long Prairie River		
Final Indicator for Sandgren Septic			
Indicator Name	BOD 5	Value	180
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Long Prairie River		
Final Indicator for Sandgren Septic			
Indicator Name	Total Suspended Solids (TSS)	Value	100
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Long Prairie River		

Grant Activity - Cost Share Septic Replacement #4			
Description	Replaced failed septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	14-Jul-22	End Date	17-Oct-22
Has Rates and Hours?	No		
Actual Results	Replacement of failed septic system		

Activity Action - Septic Replacement #4			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Construction of a mound system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	29-Sep-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Septic Replacement #4

Indicator Name	NITROGEN	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Beauty		

Final Indicator for Septic Replacement #4

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Beauty		

Final Indicator for Septic Replacement #4

Indicator Name	PATHOGENS (E. COLI)	Value	2.31E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Beauty		

Final Indicator for Septic Replacement #4

Indicator Name	BOD 5	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Beauty		

Final Indicator for Septic Replacement #4

Indicator Name	SEDIMENT (TSS)	Value	37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Beauty		

Grant Activity - Cost Share Septic Replacement #5			
Description	Replaced failed septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	16-Nov-22
Has Rates and Hours?	No		
Actual Results	Replacement failed septic system		

Activity Action - Cost Share Replacement #5			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Replaced failed septic system		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	16-Nov-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Cost Share Replacement #5			
Indicator Name	NITROGEN	Value	19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Crow Wing River		

Final Indicator for Cost Share Replacement #5			
Indicator Name	PATHOGENS (E. COLI)	Value	4.62E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Crow Wing River		

Final Indicator for Cost Share Replacement #5			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Crow Wing River		

Final Indicator for Cost Share Replacement #5			
Indicator Name	Total Suspended Solids (TSS)	Value	150
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Crow Wing River		
Final Indicator for Cost Share Replacement #5			
Indicator Name	BOD 5	Value	271
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Crow Wing River		

Grant Activity - Cost Share Septic Replacements Placeholder			
Description	<p>Funds will be used to cost share failed septic systems.</p> <p>For MPCA SSTS low income funds, the following criteria apply:</p> <ol style="list-style-type: none"> 1. Fix SSTS that have been deemed Failing to Protect Groundwater or an Imminent Threat to Public Health or Safety (must have been issued a Notice of Noncompliance). 2. Funding can only be used for homesteaded single-family homes or duplexes. 3. Homeowner must be low-income. 4. Recommend use of a sliding scale for grant funds based on income. 5. Funds must be used for eligible SSTS upgrades or returned to the state if not expended by December 31, 2024. 		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	20-Oct-21	End Date	
Has Rates and Hours?	No		
Actual Results	12/31/2021- No funds have been spent. Staff have been working on a landowner application.		

Grant Attachments

Document Name	Document Type	Description
2022/2023 Natural Resources Block Grant	Grant Agreement	2022/2023 Natural Resources Block Grant - Todd County
2022/2023 Natural Resources Block Grant EXECUTED	Grant Agreement	2022/2023 Natural Resources Block Grant - Todd County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/06/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/03/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/05/2022

