



Grant All-Detail Report

BWSR Septic Treatment Systems 2022

Grant Title - 2022 - BWSR Septic Treatment Systems (Todd County)

Grant ID - P22-6984

Organization - Todd County

Original Awarded Amount	\$25,450.00	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	\$25,450.00	Current End Date	12/31/2024

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$25,450.00	\$22,560.46	\$2,889.54
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$48,961.58	\$48,961.58	\$0.00
Total	\$74,411.58	\$71,522.04	\$2,889.54

**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 - BWSR Septic Treatment Systems (Todd County)	\$5,000.00	\$5,000.00	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	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 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$7,421.00	\$7,421.00	6/20/2022	N
Cost Share Septic Replacement #1	Subsurface Sewage Treatment Systems	Other Funds	Landowner	\$4,159.75	\$4,159.75	6/20/2022	Y
Cost Share Septic Replacement #2	Subsurface Sewage Treatment Systems	Current State Grant	2022 - BWSR Septic Treatment Systems (Todd County)	\$3,062.50	\$3,062.50	8/15/2022	N
Cost Share Septic Replacement #2	Subsurface Sewage Treatment Systems	Other Funds	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	Other Funds	Landowner	\$4,037.50	\$4,037.50	8/15/2022	Y
Cost Share Septic Replacement #3	Subsurface Sewage Treatment Systems	Current State Grant	2022 - BWSR Septic Treatment Systems (Todd County)	\$4,926.25	\$4,926.25	9/19/2022	N
Cost Share Septic Replacement #3	Subsurface Sewage Treatment Systems	Other Funds	2022 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$7,037.50	\$7,037.50	9/19/2022	N

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	Landowner	\$2,111.25	\$2,111.25	9/19/2022	Y
Cost Share Septic Replacement #4	Subsurface Sewage Treatment Systems	Current State Grant	2022 - BWSR Septic Treatment Systems (Todd County)	\$5,000.00	\$5,000.00	10/17/2022	N
Cost Share Septic Replacement #4	Subsurface Sewage Treatment Systems	Other Funds	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	Other Funds	Landowner	\$2,175.00	\$2,175.00	10/17/2022	Y
Cost Share Septic Replacement #5	Subsurface Sewage Treatment Systems	Current State Grant	2022 - BWSR Septic Treatment Systems (Todd County)	\$4,571.71	\$4,571.71	12/27/2022	N
Cost Share Septic Replacement #5	Subsurface Sewage Treatment Systems	Other Funds	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	Other Funds	Landowner	\$1,959.31	\$1,959.31	12/27/2022	Y
Cost Share Septic Replacements	Subsurface Sewage Treatment Systems	Current State Grant	2022 - BWSR Septic Treatment Systems (Todd County)	\$2,889.54			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	PHOSPHORUS (EST. REDUCTION)	Value	8
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
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	BOD 5	Value	180
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	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	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	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

Description	<p>Funds will be used to cost share failed septic systems.</p> <p>For BWSR SSTS low income funds, the follow criteria apply:</p> <ol style="list-style-type: none"> 1. Low Income Definition: The BWSR SSTS funds are for rural landowners with an income below 300 percent of the federal poverty guidelines for the applicable family size. 2. A grant award shall not exceed the lesser of \$5,000 or 35 percent of the cost of replacing the failed or failing septic system 3. The issuance of a loan for the purpose of replacing a failed septic system does not preclude a rural landowner from obtaining a grant using these funds or vice versa. 	
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS	
Start Date	20-Oct-21	End Date
Has Rates and Hours?	No	
Actual Results	12/31/2021- No cost share funds have been spent. Staff have been working on a landowner application for the cost share funds	

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 - 10/03/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 10/04/2022
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
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/06/2022