



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2020

Grant Title - 2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)

Grant ID - P20-7091

Organization - Todd County

Original Awarded Amount	\$12,479.00	Grant Execution Date	9/21/2019
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Sarah Katterhagen
Current Awarded Amount	\$12,479.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$12,479.00	\$12,479.00	\$0.00
Total Match Amount	\$2,149.20	\$2,149.20	\$0.00
Total Other Funds	\$5,939.00	\$5,939.00	\$0.00
Total	\$20,567.20	\$20,567.20	\$0.00

**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	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Administration	Administration /Coordination	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$624.00	\$624.00	7/4/2020	N
Cost Share of Septic Systems	Special Projects	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$0.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Mills Septic Upgrade	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$6,516.94	\$6,516.94	11/23/2020	N
Mills Septic Upgrade	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner	\$2,149.20	\$2,149.20	11/23/2020	Y
Patnode Septic Install	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$5,338.06	\$5,338.06	10/12/2020	N
Patnode Septic Install	Subsurface Sewage Treatment Systems	Other Funds	2019 - Septic Treatment Systems Upgrade - NRBG (Todd County)..	\$5,939.00	\$5,939.00	10/12/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	2	2	1 COUNT	1 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	248.00	LBS/YR

SEDIMENT (TSS)	100.00	TONS/YR
PATHOGENS (E. COLI)	84,700,000,000,000.00	CFU
Total Suspended Solids (TSS)	37.00	Mg/L
NITROGEN	15.00	LBS/YR
NUTRIENTS (NITRATE)	23.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	11.00	LBS/YR

Grant Activity

Grant Activity - Administration

Description	These funds will be utilized for Administration of the program which includes review of applications, creating cost share contracts and grant tracking		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-20	End Date	30-Nov-20
Has Rates and Hours?	No		
Actual Results	<p>12/31/2019: No funds have been spent</p> <p>7/4/2020: Funds were spent on landowners who called regarding cost share grant and answering questions regarding septic cost share program.</p> <p>12/16/2020 - Funds have been spent to support staff review of applications and associated information for this grant.</p>		

Grant Activity - Cost Share of Septic Systems

Description	These funds will be used to cost share failed septic systems in Todd County. With the limited amount of funding - 1 or 2 systems will be funded.		
Category	SPECIAL PROJECTS		
Start Date	1-Jan-20	End Date	30-Nov-20
Has Rates and Hours?	No		
Actual Results	12/31/2019: No funds have been spent		

Grant Activity - Mills Septic Upgrade			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	27-Aug-20	End Date	23-Nov-20
Has Rates and Hours?	No		
Actual Results	Replaced failed septic system		

Activity Action - Mills Septic Install			
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	15-Oct-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Mills Septic Install			
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	Hayden Creek		

Final Indicator for Mills Septic Install			
Indicator Name	NITROGEN	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Hayden Creek		

Final Indicator for Mills Septic Install			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Hayden Creek		

Final Indicator for Mills Septic Install			
Indicator Name	Total Suspended Solids (TSS)	Value	37
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Hayden Creek		
Final Indicator for Mills Septic Install			
Indicator Name	BOD 5	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Hayden Creek		

Grant Activity - Patnode Septic Install			
Description	Installation of 1 septic system to replace an existing system that does not meet current standards.		
Category	Used 2019 and 2020 funding SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	4-Sep-20	End Date	04-Sep-20
Has Rates and Hours?	No		
Actual Results	Replaced failed septic system		

Activity Action - Patnode Septic Install			
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	4-Sep-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Patnode Septic Install			
Indicator Name	BOD 5	Value	180
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Eagle Creek		
Final Indicator for Patnode Septic Install			
Indicator Name	SEDIMENT (TSS)	Value	100
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Eagle Creek		

Final Indicator for Patnode Septic Install			
Indicator Name	NUTRIENTS (NITRATE)	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Eagle Creek		
Final Indicator for Patnode Septic Install			
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	Eagle Creek		
Final Indicator for Patnode Septic Install			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Eagle Creek		

Grant Attachments

Document Name	Document Type	Description
2020/2021 Natural Resources Block Grant	Grant Agreement	2020/2021 Natural Resources Block Grant - Todd County
2020/2021 Natural Resources Block Grant EXECUTED	Grant Agreement	2020/2021 Natural Resources Block Grant - Todd County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/18/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/10/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/16/2020
Final Financial Report	Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Todd County)