



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2021

Grant Title - 2021 - Septic Treatment Systems Upgrade - NRBG (Pope County)

Grant ID - P21-3134

Organization - Pope County

Original Awarded Amount	\$18,882.00	Grant Execution Date	5/7/2021
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	David Green
Current Awarded Amount	\$18,882.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$18,882.00	\$5,000.00	\$13,882.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$18,882.00	\$5,000.00	\$13,882.00

*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
Septic Upgrades	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Pope County)..	\$18,882.00	\$5,000.00	11/23/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1		500 SQUARE FEET	500 SQUARE FEET

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	26.00	LBS/YR
PATHOGENS (E. COLI)	38,900,000,000,000.00	CFU
PHOSPHORUS (EST. REDUCTION)	6.00	LBS/YR
BOD 5	114.00	LBS/YR
Total Suspended Solids (TSS)	63.00	Mg/L

Grant Activity

Grant Activity - Septic Upgrades			
Description	Pope County staff identifying low income property owners with failing septic systems in need of upgrade. County will evaluate applications and determine cost share		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-21	End Date	31-Dec-22
Has Rates and Hours?	No		
Actual Results			

Activity Action - Upgrade Installation_Melchor			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Installation of replacement septic system		
Proposed Size / Units	500.00 SQUARE FEET	Lifespan	20 Years
Actual Size/Units	500.00 SQUARE FEET	Installed Date	6-Oct-21
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Upgrade Installation_Melchor			
Indicator Name	BOD 5	Value	114
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Chippewa River		
Final Indicator for Upgrade Installation_Melchor			
Indicator Name	Total Suspended Solids (TSS)	Value	63
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Chippewa River		
Final Indicator for Upgrade Installation_Melchor			
Indicator Name	PATHOGENS (E. COLI)	Value	3.89E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Chippewa River		
Final Indicator for Upgrade Installation_Melchor			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Chippewa River		
Final Indicator for Upgrade Installation_Melchor			
Indicator Name	NITROGEN	Value	26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Chippewa River		

Grant Attachments

Document Name	Document Type	Description
2021 SSTS Program	Grant Agreement	2021 SSTS Program - Pope County
2021 SSTS Program EXECUTED	Grant Agreement	2021 SSTS Program - Pope County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/24/2022