



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2021

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

Grant ID - P21-3132

Organization - Pipestone County

Original Awarded Amount	\$40,000.00	Grant Execution Date	10/19/2020
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Kyle Krier
Current Awarded Amount	\$40,000.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$36,331.39	\$36,331.39	\$3,668.61
Total Match Amount	\$23,402.51	\$23,402.51	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$59,733.90	\$59,733.90	\$3,668.61

**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
Boverhof SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$10,000.00	\$10,000.00	12/22/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Boverhof SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$3,894.05	\$3,894.05	12/30/2021	Y
Melcher SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$9,561.98	\$9,561.98	7/12/2021	N
Melcher SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner match	\$3,187.33	\$3,187.33	7/12/2021	Y
Portz SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$6,769.41	\$6,769.41	8/25/2021	N
Portz SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$6,769.40	\$6,769.40	8/25/2021	Y
Winter SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$10,000.00	\$10,000.00	9/7/2021	N
Winter SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$9,551.73	\$9,551.73	9/7/2021	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	4	4	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	120.00	LBS/YR
SEDIMENT (TSS)	0.46	TONS/YR
PHOSPHORUS (EST. REDUCTION)	43.00	LBS/YR
PATHOGENS (E. COLI)	284,800,000,000,000.00	CFU
BOD 5	1,671.00	LBS/YR

Grant Activity

Grant Activity - Boverhof SSTS			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	22-Nov-21	End Date	04-Dec-21
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Boverhoff SSTS			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	New system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	3-Dec-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Boverhoff SSTS			
Indicator Name	BOD 5	Value	547
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Rock River		
Final Indicator for Boverhoff SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Rock River		
Final Indicator for Boverhoff SSTS			
Indicator Name	NITROGEN	Value	39
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Rock River		
Final Indicator for Boverhoff SSTS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Rock River		
Final Indicator for Boverhoff SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	9.33E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Rock River		

Grant Activity - Melcher SSTS			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	24-Jun-20	End Date	12-Jul-21
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Melcher SSTS			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	New system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	3-Jun-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Melcher SSTS			
Indicator Name	NITROGEN	Value	25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Melcher SSTS			
Indicator Name	BOD 5	Value	346
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Melcher SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.096
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Melcher SSTS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Melcher SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	5.89E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Grant Activity - Portz SSTS			
Description	Replace failing system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	7-Jun-21	End Date	03-Aug-21
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Portz SSTS			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	New system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	3-Aug-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Portz SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	5.89E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Portz SSTS			
Indicator Name	BOD 5	Value	346
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Portz SSTS			
Indicator Name	NITROGEN	Value	25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Final Indicator for Portz SSTS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Split Rock Creek		
Final Indicator for Portz SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.096
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock Creek		

Grant Activity - Winter SSTS			
Description	Replace failing system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	2-Jul-20	End Date	28-Jul-21
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Winter SSTS			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	New system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	28-Jul-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Winter SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for Winter SSTS			
Indicator Name	NITROGEN	Value	31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for Winter SSTS			
Indicator Name	BOD 5	Value	432

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Winter SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	7.37E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Winter SSTS			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Grant Attachments

Document Name	Document Type	Description
2021 SSTS Program	Grant Agreement	2021 SSTS Program - Pipestone County
2021 SSTS Program EXECUTED	Grant Agreement	2021 SSTS Program - Pipestone County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/31/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/30/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/29/2020