



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2022

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

Grant ID - P22-6915

Organization - Pipestone County

Original Awarded Amount	\$30,628.00	Grant Execution Date	11/30/2021
Required Match Amount	\$0.00	Original Grant End Date	12/31/2024
Required Match %	0%	Grant Day To Day Contact	Kyle Krier
Current Awarded Amount	\$30,628.00	Current End Date	12/31/2024

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$27,300.09	\$27,300.09	\$3,327.91
Total Match Amount	\$38,743.17	\$38,743.17	\$0.00
Total Other Funds	\$20,450.00	\$20,450.00	\$0.00
Total	\$86,493.26	\$86,493.26	\$3,327.91

**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
Bundy SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$7,050.00	\$7,050.00	7/21/2022	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Bundy SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$10,299.67	\$10,299.67	7/21/2022	Y
Bundy SSTS	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Pipestone County)	\$450.00	\$450.00	7/21/2022	N
Erpelding SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..)	\$5,000.00	\$5,000.00	12/2/2022	N
Erpelding SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$5,181.12	\$5,181.12	10/10/2022	Y
Erpelding SSTS	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Pipestone County)	\$5,000.00	\$5,000.00	7/21/2022	N
Kor SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..)	\$5,000.00	\$5,000.00	11/23/2022	N
Kor SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$5,156.11	\$5,156.11	11/23/2022	Y
Kor SSTS	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Pipestone County)	\$5,000.00	\$5,000.00	11/23/2022	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Stevens SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$5,000.00	\$5,000.00	7/28/2022	N
Stevens SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$7,702.48	\$7,702.48	7/28/2022	Y
Stevens SSTS	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Pipestone County)	\$5,000.00	\$5,000.00	7/28/2022	N
VanDeStroet SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$5,000.00	\$5,000.00	7/21/2022	N
VanDeStroet SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$6,735.18	\$6,735.18	7/21/2022	Y
VanDeStroet SSTS	Subsurface Sewage Treatment Systems	Other Funds	2022 - BWSR Septic Treatment Systems (Pipestone County)	\$5,000.00	\$5,000.00	11/2/2022	N
VanHoecke SSTS	Subsurface Sewage Treatment Systems	Current State Grant	2022 - Septic Treatment Systems Upgrade - NRBG (Pipestone Co..	\$250.09	\$250.09	6/29/2022	N
VanHoecke SSTS	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Match	\$3,668.61	\$3,668.61	6/29/2022	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1		1 COUNT	COUNT
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	81.00	LBS/YR
SEDIMENT (TSS)	0.63	TONS/YR
PHOSPHORUS (EST. REDUCTION)	56.00	LBS/YR
PATHOGENS (E. COLI)	388,800,000,000,000.00	CFU
BOD 5	2,281.00	LBS/YR

Grant Activity

Grant Activity - Bundy SSTS			
Description	Replace failing system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	13-Jul-22	End Date	14-Jul-22
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Bundy 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	14-Jul-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Bundy SSTS			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Bundy 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 Bundy SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Bundy SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	6.22E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Bundy SSTS			
Indicator Name	BOD 5	Value	365
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Grant Activity - Erpelding SSTS			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	10-Oct-22	End Date	10-Oct-22
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Erpelding 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	10-Oct-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Erpelding 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	Des Moines		

Final Indicator for Erpelding SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Des Moines		

Final Indicator for Erpelding SSTS			
Indicator Name	BOD 5	Value	365
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Des Moines		

Final Indicator for Erpelding SSTS			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Des Moines		
Final Indicator for Erpelding SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	6.22E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Des Moines		

Grant Activity - Kor SSTS			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	10-Oct-22	End Date	10-Oct-22
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Kor 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	10-Oct-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Kor SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for Kor SSTS			
Indicator Name	BOD 5	Value	365
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for Kor SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	6.22E+13

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Kor SSTS			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Kor 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		

Grant Activity - Stevens SSTS			
Description	Replace failing septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	13-Jul-22	End Date	13-Jul-22
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - Stevens 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	13-Jul-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for Stevens SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	6.22E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for Stevens SSTS			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Stevens SSTS			
Indicator Name	BOD 5	Value	365
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Stevens SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		
Final Indicator for Stevens 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		

Grant Activity - VanDeStroet SSTS			
Description	Replace failing system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	16-Jun-22	End Date	16-Jun-22
Has Rates and Hours?	No		
Actual Results	New mound system installed		

Activity Action - VanDeStroet 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	16-Jun-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for VanDeStroet SSTS			
Indicator Name	BOD 5	Value	365
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock		
Final Indicator for VanDeStroet SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	6.22E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock		
Final Indicator for VanDeStroet SSTS			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock		
Final Indicator for VanDeStroet SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Split Rock		
Final Indicator for VanDeStroet 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		

Grant Activity - VanHoecke SSTS			
Description	Install new tank		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	6-Apr-22	End Date	08-Jun-22
Has Rates and Hours?	No		
Actual Results	New tank placed		

Activity Action - VanHoecke SSTS			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	New tank		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	8-Jun-22
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for VanHoecke SSTS			
Indicator Name	BOD 5	Value	456
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for VanHoecke SSTS			
Indicator Name	SEDIMENT (TSS)	Value	.13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for VanHoecke SSTS			
Indicator Name	NITROGEN	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Final Indicator for VanHoecke 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		
Final Indicator for VanHoecke SSTS			
Indicator Name	PATHOGENS (E. COLI)	Value	7.78E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Pipestone Creek		

Grant Attachments

Document Name	Document Type	Description
2022/2023 Natural Resources Block Grant	Grant Agreement	2022/2023 Natural Resources Block Grant - Pipestone County
2022/2023 Natural Resources Block Grant EXECUTED	Grant Agreement	2022/2023 Natural Resources Block Grant - Pipestone County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/03/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/19/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/22/2021