



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2018

Grant Title - 2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn County)

Grant ID - P18-0616

Organization - Freeborn County

Original Awarded Amount	\$5,817.00	Grant Execution Date	10/18/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Rachel Wehner
Current Awarded Amount	\$5,817.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$5,817.00	\$5,817.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$5,817.00	\$5,817.00	\$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
SSTS Upgrade	Subsurface Sewage Treatment Systems	Current State Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn Cou..	\$5,817.00	\$5,817.00	6/21/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	3		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
BOD 5	1,243.00	LBS/YR
PATHOGENS (E. COLI)	242,800,000,000,000.00	CFU
Total Suspended Solids (TSS)	787.00	Mg/L
NITROGEN	29.00	LBS/YR
NUTRIENTS (NITRATE)	59.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	35.00	LBS/YR

Grant Activity

Grant Activity - SSTS Upgrade			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	19-Nov-18	End Date	21-Jun-19
Has Rates and Hours?	No		
Actual Results	3 systems were upgraded. 2 ITPHS, 1 FTPG. 2 of these systems are being accounted for in other grants as well.		

Activity Action - Landowner BH			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	3 bedroom mound		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	19-Nov-18
Mapped Activities	No	Technical Assistance Provider	

Final Indicator for Landowner BH			
Indicator Name	BOD 5	Value	407
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD 24		

Final Indicator for Landowner BH			
Indicator Name	Total Suspended Solids (TSS)	Value	225
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD 24		

Final Indicator for Landowner BH			
Indicator Name	PATHOGENS (E. COLI)	Value	6.94E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD24		

Final Indicator for Landowner BH			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD24		
Final Indicator for Landowner BH			
Indicator Name	NITROGEN	Value	29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD24		

Activity Action - Landowner CL			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	3 bedroom at grade		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	7-May-19
Mapped Activities	No	Technical Assistance Provider	

Final Indicator for Landowner CL			
Indicator Name	NUTRIENTS (NITRATE)	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Shell Rock River		

Final Indicator for Landowner CL			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Shell Rock River		

Final Indicator for Landowner CL			
Indicator Name	BOD 5	Value	225
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Shell Rock River		

Final Indicator for Landowner CL			
Indicator Name	Total Suspended Solids (TSS)	Value	225
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Shell Rock River		
Final Indicator for Landowner CL			
Indicator Name	PATHOGENS (E. COLI)	Value	6.94E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Shell Rock River		

Activity Action - Landowner MW			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	5 bedroom mound		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	7-Jun-19
Mapped Activities	No	Technical Assistance Provider	

Final Indicator for Landowner MW			
Indicator Name	NUTRIENTS (NITRATE)	Value	44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD2		

Final Indicator for Landowner MW			
Indicator Name	Total Suspended Solids (TSS)	Value	337
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD2		

Final Indicator for Landowner MW			
Indicator Name	PATHOGENS (E. COLI)	Value	1.04E+14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD2		

Final Indicator for Landowner MW			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD2		

Final Indicator for Landowner MW			
Indicator Name	BOD 5	Value	611
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	JD2		

Grant Attachments

Document Name	Document Type	Description
2018 bills	Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn County)
2018/2019 Natural Resources Block Grant	Grant Agreement	2018/2019 Natural Resources Block Grant - Freeborn County
2018/2019 Natural Resources Block Grant executed	Grant Agreement	2018/2019 Natural Resources Block Grant - Freeborn County
2019 ledger	Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/27/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/14/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/27/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/17/2018
SSIE	Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn County)
financial report	Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Freeborn County)