



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2019

Grant Title - 2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)

Grant ID - P19-3229

Organization - Le Sueur County

Original Awarded Amount	\$32,746.00	Grant Execution Date	10/17/2018
Required Match Amount	\$0.00	Original Grant End Date	12/31/2020
Required Match %	0%	Grant Day To Day Contact	Holly Kalbus
Current Awarded Amount	\$32,746.00	Current End Date	12/31/2021

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$32,746.00	\$32,000.00	\$746.00
Total Match Amount	\$31,619.62	\$31,619.62	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$64,365.62	\$63,619.62	\$746.00

**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/Coordination	Administration /Coordination	Current State Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur Cou..	\$2,000.00	\$2,000.00	6/30/2021	N
Administration/Coordination	Administration /Coordination	Local Fund	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)	\$102.21	\$102.21	6/30/2021	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Septic Upgrades	Subsurface Sewage Treatment Systems	Current State Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur Cou..	\$30,746.00	\$30,000.00	7/29/2021	N
Septic Upgrades	Subsurface Sewage Treatment Systems	Local Fund	2019-Septic Treatment Systems Upgrade-NRBG (Le Sueur County)	\$31,517.41	\$31,517.41	7/29/2021	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	3	3	1 COUNT	COUNT

Proposed Activity Indicators

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

Final Indicators Summary

Indicator Name	Total Value	Unit
NUTRIENTS (NITRATE)	10.00	LBS/YR
NITROGEN	42.00	LBS/YR
SEDIMENT (TSS)	0.03	TONS/YR
PATHOGENS (E. COLI)	175,500,000,000,000.00	CFU
PHOSPHORUS (EST. REDUCTION)	26.00	LBS/YR
BOD 5	908.00	LBS/YR

Total Suspended Solids (TSS)	435.00	Mg/L
-------------------------------------	--------	------

Grant Activity

Grant Activity - Administration/Coordination			
Description	Administer grant funds. Review and complete required paperwork for County and State reporting. Inform the public, including septic contractors, about the opportunity to utilize grant funds. Septic inspector reviews and verifies soils, design, and install for each project.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-19	End Date	05-Aug-21
Has Rates and Hours?	No		
Actual Results	<p>No funds were spent in 2018. Funds spent in 2019, 2020, and 2021 for County staff to administer program, specifically, process applicants required paperwork (application, low income eligibility form, contract, and voucher) and contact landowners and contractors.</p> <p>(January 1, 2019-June 30, 2019), Environmental Resources Specialist, 14.25hrs @ \$40.41/hr</p> <p>(July 1, 2019-December 31, 2019), Environmental Resources Specialist, 3.5hrs @ \$40.41/hr</p> <p>(January 1, 2020-June 30, 2020), Environmental Resources Specialist, 5.5hrs @ \$44.20/hr</p> <p>(July 1, 2020-December 31, 2020), Environmental Resources Specialist, 19.25hrs @ \$44.20/hr</p> <p>(January 1, 2021-June 18, 2021), Environmental Resources Specialist, 4.25hrs @ \$45.43/hr</p> <p>Match</p> <p>(June 18, 2021-June 30, 2021), Environmental Resources Specialist, 2.25hrs @ \$45.43/hr</p>		

Grant Activity - Septic Upgrades			
Description	<p>Costs associated with updating systems that are deemed an imminent threat to public health or failing to protect groundwater. Expenses include items such as permit fees, soil verifications, septic design, septic install, materials, and labor.</p> <p>SSTS low-income cost-share policy is 75% of the total cost not to exceed \$10,000 maximum. Income eligibility is determined by Le Sueur County Human Services utilizing USDA income eligibility programs.</p>		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-19	End Date	05-Aug-21
Has Rates and Hours?	No		
Actual Results	<p>No funds were spent in 2018. Funds were not spent in this activity in 2019. Installation of septic systems was very slow in 2019. This was due to inclement weather, too wet, and prevented contractors installing septic systems. Funds have been spent in 2020 for two completed SSTS projects that were an Imminent Health Threat. Funds have been spent in 2021 for one completed SSTS projects that was Failing to Protect Groundwater. The County received an extension for December 31, 2021 to spend the remaining grant funds. The grant is ready to be closed out well before the grant extension deadline.</p>		

Activity Action - SSTS-2019-01			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	1500 Gallon 2 Compartment Septic Tank, 1000 Gallon Pump Tank, & Mound with 10 ft by 50 ft rockbed with 18 inches of Sand		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	30-Apr-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for SSTS-2019-01			
Indicator Name	NITROGEN	Value	28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Pepin		
Final Indicator for SSTS-2019-01			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Pepin		

Final Indicator for SSTS-2019-01			
Indicator Name	PATHOGENS (E. COLI)	Value	6.61E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Pepin		
Final Indicator for SSTS-2019-01			
Indicator Name	Total Suspended Solids (TSS)	Value	214
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Pepin		
Final Indicator for SSTS-2019-01			
Indicator Name	BOD 5	Value	388
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Lake Pepin		

Activity Action - SSTS-2019-02			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	24-Nov-20
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for SSTS-2019-02			
Indicator Name	NITROGEN	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Horseshoe		
Final Indicator for SSTS-2019-02			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Horseshoe		
Final Indicator for SSTS-2019-02			
Indicator Name	PATHOGENS (E. COLI)	Value	6.81E+13

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Horseshoe		
Final Indicator for SSTS-2019-02			
Indicator Name	Total Suspended Solids (TSS)	Value	221
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Horseshoe		
Final Indicator for SSTS-2019-02			
Indicator Name	BOD 5	Value	399
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Horseshoe		

Activity Action - SSTS-2019-03			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2250 Gallon 3-Compartment Combo Tank (1500 Gallon 2-Compartment Septic, 750 Gallon Pump), & At Grade with 10ft x 100ft split rock absorption bed		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	7-Jul-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for SSTS-2019-03			
Indicator Name	PATHOGENS (E. COLI)	Value	4.13E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for SSTS-2019-03			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for SSTS-2019-03			
Indicator Name	NUTRIENTS (NITRATE)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement

			Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for SSTS-2019-03			
Indicator Name	SEDIMENT (TSS)	Value	0.0335
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for SSTS-2019-03			
Indicator Name	BOD 5	Value	121
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Grant Attachments

Document Name	Document Type	Description
2019 Environmental Resources Specialist PAR	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
2019 Environmental Resources Specialist PAR (July-December)	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
2019 SSTS Program Grant	Grant Agreement	2019 SSTS Program - Le Sueur County
2019 SSTS Program Grant EXECUTED	Grant Agreement	2019 SSTS Program - Le Sueur County
2019 SSTS Upgrade amendment EXECUTED	Grant Agreement Amendment	
2020 Environmental Resources Specialist PAR (January-June)	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/06/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/04/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/04/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/13/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/08/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/18/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/11/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/11/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/30/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/15/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/15/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2021
Environmental Resources Specialist PAR (Jan-June) 2021	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
Environmental Resources Specialist PAR 2020 (July-December)	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
Final Financial Report	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
LeSueur_SSTS19UpgradeExtensionRequest	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS Low Income Cost Share Contract FY'19	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS Low Income Cost Share Grant Application FY'19	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS Low Income Cost Share Grant Policy FY'19	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS Low Income Cost Share Voucher FY'19	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-01 Septic System Improvement Estimator	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-01 Voucher, Invoice, & COC	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-02 Septic System Improvement Estimator	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-02 Voucher, Invoice, & COC	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-03 Septic System Improvement Estimator	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)
SSTS-2019-03 Voucher, Invoice, & COC	Grant	2019 - Septic Treatment Systems Upgrade - NRBG (Le Sueur County)