



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2021

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

Grant ID - P21-3147

Organization - Washington 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	Jessica Collin-Pilarski - original
Current Awarded Amount	\$40,000.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$40,000.00	\$40,000.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$40,000.00	\$40,000.00	\$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
Fix up grants	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Washington C..	\$40,000.00	\$40,000.00	12/9/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	5	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	89.00	LBS/YR
NUTRIENTS (NITRATE)	36.00	LBS/YR
SEDIMENT (TSS)	0.65	TONS/YR
PATHOGENS (E. COLI)	326,800,000,000,000.00	CFU
PHOSPHORUS (EST. REDUCTION)	36.00	LBS/YR
BOD 5	1,159.00	LBS/YR

Grant Activity

Grant Activity - Fix up grants			
Description	SSTS Replacement		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-21	End Date	20-Jul-22
Has Rates and Hours?	No		
Actual Results	<p>No funds expended in 2020.</p> <p>5 septic systems replaced in 2021.</p> <p>Notes for project #5: Funds were distributed on 12/9/2021. Installation was 7/20/2022. Because of complications with the discovery of a new well location needed on site (and needed well/septic distances), the certificate of compliance of the unit was not until 7/20/22.</p>		

Activity Action - SSTS #1 Scandia			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS installed		
Proposed Size / Units	1.00 COUNT	Lifespan	30 Years
Actual Size/Units	1.00 COUNT	Installed Date	8-Sep-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for SSTS #1 Scandia			
Indicator Name	SEDIMENT (TSS)	Value	0.139
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #1 Scandia			
Indicator Name	BOD 5	Value	302
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS #1 Scandia			
Indicator Name	PATHOGENS (E. COLI)	Value	8.6E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #1 Scandia			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #1 Scandia			
Indicator Name	NITROGEN	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS #2 in Marine			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS installed.		
Proposed Size / Units	1.00 COUNT	Lifespan	30 Years
Actual Size/Units	1.00 COUNT	Installed Date	25-Aug-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for SSTS #2 in Marine			
Indicator Name	PATHOGENS (E. COLI)	Value	8.6E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #2 in Marine			
Indicator Name	BOD 5	Value	101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #2 in Marine			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #2 in Marine			
Indicator Name	NITROGEN	Value	23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #2 in Marine			
Indicator Name	SEDIMENT (TSS)	Value	0.139
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS #3 in West Lakeland			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS installed per county ordinance.		
Proposed Size / Units	1.00 COUNT	Lifespan	30 Years
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for SSTS #3 in West Lakeland			
Indicator Name	NITROGEN	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #3 in West Lakeland			
Indicator Name	SEDIMENT (TSS)	Value	0.1165
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #3 in West Lakeland			
Indicator Name	PATHOGENS (E. COLI)	Value	3.44E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	groundwater		
Final Indicator for SSTS #3 in West Lakeland			
Indicator Name	BOD 5	Value	151
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #3 in West Lakeland			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Activity Action - SSTS #4 in Lakeland			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS installed per county ordinance.		
Proposed Size / Units	1.00 COUNT	Lifespan	30 Years
Actual Size/Units	1.00 COUNT	Installed Date	7-Dec-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for SSTS #4 in Lakeland			
Indicator Name	SEDIMENT (TSS)	Value	.1165
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #4 in Lakeland			
Indicator Name	BOD 5	Value	101
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		
Final Indicator for SSTS #4 in Lakeland			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwater		

Final Indicator for SSTS #4 in Lakeland

Indicator Name	NITROGEN	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody groundwater

Final Indicator for SSTS #4 in Lakeland

Indicator Name	PATHOGENS (E. COLI)	Value	3.44E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody groundwater

Activity Action - SSTS #5 in Bayport

Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS installed according to local and state rules. Funds were distributed on 12/9/2021. Installation. Because of complications with a discovery of a new well location needed on site, the completion of the unit was not until 7/20/22. Funds were distributed to this project in 2021. Funds were distributed on 12/9/2021.		
Proposed Size / Units	1.00 COUNT	Lifespan	30 Years
Actual Size/Units	1.00 COUNT	Installed Date	20-Jul-22
Mapped Activities	1 Point(s)	Technical Assistance Provider	Private Consultant

Final Indicator for SSTS #5 in Bayport

Indicator Name	SEDIMENT (TSS)	Value	.139
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody groundwater

Final Indicator for SSTS #5 in Bayport

Indicator Name	PATHOGENS (E. COLI)	Value	8.6E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody groundwater

Final Indicator for SSTS #5 in Bayport

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody groundwater

Final Indicator for SSTS #5 in Bayport			
Indicator Name	BOD 5	Value	504
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	groundwtaer		
Final Indicator for SSTS #5 in Bayport			
Indicator Name	NUTRIENTS (NITRATE)	Value	36
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
2021 SSTS Program	Grant Agreement	2021 SSTS Program - Washington County
2021 SSTS Program EXECUTED	Grant Agreement	2021 SSTS Program - Washington County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/24/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/09/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/01/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2023
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/17/2023
Signed Financial Report	Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Washington County)