



## Grant All-Detail Report

### Septic Treatment Systems Upgrade - NRBG 2021

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

**Grant ID** - P21-3136

**Organization** - Redwood County

Original Awarded Amount	<b>\$40,000.00</b>	Grant Execution Date	<b>5/17/2021</b>
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Scott Wold
Current Awarded Amount	\$40,000.00	Current End Date	12/31/2022

#### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$38,285.53	\$38,285.53	\$1,714.47
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$38,285.53</b>	<b>\$38,285.53</b>	<b>\$1,714.47</b>

\*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
Administrative	Administration /Coordination	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$1,333.65	\$1,333.65	12/31/2021	N
Eldora Maas	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$9,060.00	\$9,060.00	7/21/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jacob Wahl	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$6,402.22	\$6,402.22	9/15/2021	N
Sean -David Doyle	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$9,534.66	\$9,534.66	6/28/2021	N
Troy-Kelly Krause	Subsurface Sewage Treatment Systems	Current State Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$11,955.00	\$11,955.00	6/23/2021	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	2		5 COUNT	5 COUNT
126M - Septic System Improvement	1		4 COUNT	4 COUNT
126M - Septic System Improvement	1		3 COUNT	3 COUNT

### Proposed Activity Indicators

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

### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>NITROGEN</b>	101.00	LBS/YR
<b>SEDIMENT (TSS)</b>	578.00	TONS/YR

<b>PATHOGENS (E. COLI)</b>	223,500,000,000,000.00	CFU
<b>PHOSPHORUS (EST. REDUCTION)</b>	32.00	LBS/YR
<b>BOD 5</b>	1,048.00	LBS/YR

### Grant Activity

Grant Activity - Administrative	
Description	
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	2021: Administration responded to landowner inquiries about the program, distributed, received, and reviewed applications, sent approval/rejection letters, conducted site inspections and design review, issued certificates of compliance for work completed.

Grant Activity - Eldora Maas	
Description	
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS
Start Date	End Date
Has Rates and Hours?	No
Actual Results	2021: New septic tank and treatment area installed to code.

Activity Action - Eldora Maas			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	4.00 COUNT	Lifespan	25 Years
Actual Size/Units	4.00 COUNT	Installed Date	21-Jul-21
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Eldora Maas			
Indicator Name	BOD 5	Value	437

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		
Final Indicator for Eldora Maas			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		
Final Indicator for Eldora Maas			
Indicator Name	SEDIMENT (TSS)	Value	241
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		
Final Indicator for Eldora Maas			
Indicator Name	NITROGEN	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		
Final Indicator for Eldora Maas			
Indicator Name	PATHOGENS (E. COLI)	Value	7.45E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Grant Activity - Jacob Wahl			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2021:New septic tans (2) and treatment area installed to code.		

Activity Action - Jacob Wahl			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	5.00 COUNT	Lifespan	25 Years
Actual Size/Units	5.00 COUNT	Installed Date	
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Jacob Wahl

Indicator Name	PATHOGENS (E. COLI)	Value	4.47E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Jacob Wahl

Indicator Name	BOD 5	Value	131
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Jacob Wahl

Indicator Name	NITROGEN	Value	30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Jacob Wahl

Indicator Name	SEDIMENT (TSS)	Value	72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Jacob Wahl

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Grant Activity - Sean -David Doyle			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2021: New septic tank and treatment area installed to code.		

Activity Action - Sean-David Doyle			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	3.00 COUNT	Lifespan	25 Years
Actual Size/Units	3.00 COUNT	Installed Date	28-Jun-21
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Sean-David Doyle			
Indicator Name	SEDIMENT (TSS)	Value	193
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Sean-David Doyle			
Indicator Name	PATHOGENS (E. COLI)	Value	5.96E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Sean-David Doyle			
Indicator Name	BOD 5	Value	349
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Sean-David Doyle			
Indicator Name	NITROGEN	Value	25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Sean-David Doyle			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Grant Activity - Troy-Kelly Krause			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2021: New septic tank and treatment area installed to code.		

Activity Action - Troy - Kelly Krause			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	5.00 COUNT	Lifespan	25 Years
Actual Size/Units	5.00 COUNT	Installed Date	23-Jun-21
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Troy - Kelly Krause			
Indicator Name	PATHOGENS (E. COLI)	Value	4.47E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Troy - Kelly Krause			
Indicator Name	BOD 5	Value	131
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Troy - Kelly Krause			
Indicator Name	SEDIMENT (TSS)	Value	72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Troy - Kelly Krause			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Troy - Kelly Krause			
Indicator Name	NITROGEN	Value	30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)

**Grant Attachments**

Document Name	Document Type	Description
<b>2021 SSTS Program</b>	Grant Agreement	2021 SSTS Program - Redwood County
<b>2021 SSTS Program EXECUTED</b>	Grant Agreement	2021 SSTS Program - Redwood County
<b>2021 Septic Treatment Systems Upgrade</b>	Grant	2021 - Septic Treatment Systems Upgrade - NRBG (Redwood County)
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/18/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/17/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/21/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/22/2022
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/19/2022