



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2020

Grant Title - 2020 - Septic Treatment Systems Upgrade - NRBG (Redwood County)

Grant ID - P20-7083

Organization - Redwood County

Original Awarded Amount	\$40,000.00	Grant Execution Date	12/2/2019
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	\$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
Administration	Administration /Coordination	Current State Grant	2020- Septic Treatment Systems upgrade- NRBG (Redwood County)	\$968.40	\$968.40	1/2/2020	N
Darian & Laura Horejsi	Subsurface Sewage Treatment Systems	Current State Grant	2020-Septic Systems upgrade- NRBG (Redwood County)	\$9,000.00	\$9,000.00	12/31/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Isaiah Piotter	Subsurface Sewage Treatment Systems	Current State Grant	2020- Septic Treatment Systems upgrade- NRBG (Redwood County)	\$3,823.26	\$3,823.26	12/31/2020	N
Jacob Wahl	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$3,404.30	\$3,404.30	12/31/2021	N
Joyce & Eugene Terra	Subsurface Sewage Treatment Systems	Current State Grant	2020-Septic Treatment Systems upgrade- NRBG (Redwood County)	\$849.71	\$849.71	12/31/2020	N
Joyce Terra	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$4,704.33	\$4,704.33	12/31/2021	N
Nachreiner	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$9,750.00	\$9,750.00	12/31/2021	N
Sally Kronback	Subsurface Sewage Treatment Systems	Current State Grant	2020-Septic Treatment Systems upgrade- NRBG (Redwood County)	\$7,500.00	\$7,500.00	12/31/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	3		5 COUNT	5 COUNT
126M - Septic System Improvement	2		4 COUNT	4 COUNT
126M - Septic System Improvement	2		3 COUNT	3 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	160.00	LBS/YR
SEDIMENT (TSS)	204.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	47.00	LBS/YR
PATHOGENS (E. COLI)	320,300,000,000,000.00	CFU
BOD 5	1,375.00	LBS/YR
Total Suspended Solids (TSS)	554.00	Mg/L

Grant Activity

Grant Activity - Administration			
Description			
Category	ADMINISTRATION/COORDINATION		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	Reviewing applications talking to applicants, inspections, variance and public readings. Review of law to follow rules.		

Grant Activity - Darian & Laura Horejsi			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2020: Project was 1 complete septic system replacement. Money was to replace an old, non-conforming, or broken septic system with a new code compliant septic System.		

Activity Action - Darian & Laura Horejsi			
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	
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Darian & Laura Horejsi			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Darian & Laura Horejsi			
Indicator Name	PATHOGENS (E. COLI)	Value	4.47E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Darian & Laura Horejsi			
Indicator Name	BOD 5	Value	349
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Darian & Laura Horejsi			
Indicator Name	Total Suspended Solids (TSS)	Value	193
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Groundwater		
Final Indicator for Darian & Laura Horejsi			
Indicator Name	NITROGEN	Value	25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Grant Activity - Isaiah Piotter			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2020: Project was 1 complete septic system replacement. Money was to replace an old, non-conforming, or broken septic system with a new code compliant septic System.		

Activity Action - Isaiah Piotter			
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	
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Isaiah Piotter			
Indicator Name	NITROGEN	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Isaiah Piotter			
Indicator Name	PATHOGENS (E. COLI)	Value	7.45E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Isaiah Piotter			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Isaiah Piotter			
Indicator Name	Total Suspended Solids (TSS)	Value	241
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Isaiah Piotter			
Indicator Name	BOD 5	Value	437
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Grant Activity - Jacob Wahl			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

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

Grant Activity - Joyce & Eugene Terra			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2020: Tank installed end of 2020, this project was billed over multiple years. One project to replace the old septic. (some paid in 2021).		

Activity Action - Joyce & Eugene Terra			
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 Joyce & Eugene Terra			
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 Joyce & Eugene Terra			
Indicator Name	BOD 5	Value	131
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Joyce & Eugene Terra			
Indicator Name	Total Suspended Solids (TSS)	Value	72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Joyce & Eugene Terra			
Indicator Name	PATHOGENS (E. COLI)	Value	4.47E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Joyce & Eugene Terra			
Indicator Name	NITROGEN	Value	30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Grant Activity - Joyce Terra			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2020: Project was 1 complete septic system replacement. Money was replace an old non conforming, or broken septic system with a new code compliant septic system.		

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

Grant Activity - Nachreiner			
Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2021:Project was 1 complete septic system replacement. Money was to replace an old, nonconforming, or broken septic system with a new code complaint septic system.		

Activity Action - Nachreiner			
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	
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Nachreiner			
Indicator Name	NITROGEN	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Nachreiner			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Nachreiner			
Indicator Name	BOD 5	Value	109
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Nachreiner			
Indicator Name	PATHOGENS (E. COLI)	Value	3.72E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Ground Water		

Final Indicator for Nachreiner			
Indicator Name	SEDIMENT (TSS)	Value	60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)

Waterbody	Ground Water
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Grant Activity - Sally Kronback

Description			
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	2020: Project was 1 complete septic system replacement. Money was to replace an old, non-conforming, or broken septic system with a new code compliant septic System.		

Activity Action - Sally Kronback

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	
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Sally Kronback

Indicator Name	BOD 5	Value	87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Sally Kronback

Indicator Name	Total Suspended Solids (TSS)	Value	48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Sally Kronback

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for Sally Kronback

Indicator Name	PATHOGENS (E. COLI)	Value	2.98E+13
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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for Sally Kronback			
Indicator Name	NITROGEN	Value	20
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
2020/2021 Natural Resources Block Grant	Grant Agreement	2020/2021 Natural Resources Block Grant - Redwood County
2020/2021 Natural Resources Block Grant EXECUTED	Grant Agreement	2020/2021 Natural Resources Block Grant - Redwood County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/17/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/24/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/26/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/30/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/29/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/21/2021