



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2015

Grant Title - 2015 - Septic Treatment Systems Upgrade - NRBG (Redwood County)

Grant ID - P15-0036

Organization - Redwood County

Grant Awarded Amount	\$34,515.00	Grant Execution Date	
Required Match Amount	\$0.00	Grant End Date	12/31/2016
Required Match %	0%	Grant Day To Day Contact	Marilyn Bernhardson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$9,749.86	\$9,749.86	\$24,765.14
Total Match Amount	\$3,156.46	\$3,156.46	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$12,906.32	\$12,906.32	\$24,765.14

*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	Regulations/Ordinances/Enforcement	Current State Grant	2015 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$280.49	\$280.49	12/31/2015	N
Jansen Septic Upgrade	Subsurface Sewage Treatment Systems	Current State Grant	2015 - Septic Treatment Systems Upgrade - NRBG (Redwood Coun..	\$9,469.37	\$9,469.37	12/7/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jansen Septic Upgrade	Subsurface Sewage Treatment Systems	Landowner Fund	2015 - Septic Treatment Systems Upgrade - NRBG (Redwood County) Landowner Contribution/Match	\$3,156.46	\$3,156.46	12/7/2015	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1	1	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	437.00	LBS/YR
PATHOGENS (E. COLI)	74,500,000,000,000.00	CFU
Total Suspended Solids (TSS)	241.00	Mg/L
NITROGEN	16.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	11.00	LBS/YR

Grant Activity

Grant Activity - Administration/Coordination

Description	Wages paid out to implement the Septic Treatment Systems Upgrade		
Category	REGULATIONS/ORDINANCES/ENFORCEMENT		
Start Date	25-Nov-14	End Date	
Has Rates and Hours?	Yes		
Actual Results	12/31/15 Wages paid out in 2015: \$280.49		

Grant Activity - Jansen Septic Upgrade

Description	In 2015 we had two applications for low-income septic grants. One was denied because the applicant did not meet the income requirements (must be less than 290% of the federal poverty guidelines). The other was approved, the system was installed, and \$9,469.37 was paid out, which was 75% of the cost of the system (the maximum that the grant program can pay).		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	19-Oct-15	End Date	07-Dec-15
Has Rates and Hours?	No		
Actual Results	The system that was installed replaced an old, nonconforming system with a failed septic tank that was backing up into the house. Cost share was paid out at 75% of the total project. As of 12/31/15 there has been one septic upgrade, cost share paid out in the amount of \$9,469.37 & eLink updated.		

Activity Action - Jansen Septic Upgrade

Practice	126M - Septic System Improvement	Count of Activities	1
Description	The system that was installed replaced an old, nonconforming system with a failed septic tank that was backing up into the house.		
Proposed Size / Units	1.00 COUNT	Lifespan	15 Years
Actual Size/Units	1.00 COUNT	Installed Date	7-Dec-15

Final Indicator for Jansen Septic Upgrade

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	29027		
Final Indicator for Jansen Septic Upgrade			
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	29027		
Final Indicator for Jansen Septic Upgrade			
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	29027		
Final Indicator for Jansen Septic Upgrade			
Indicator Name	NITROGEN	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	29027		
Final Indicator for Jansen Septic Upgrade			
Indicator Name	BOD 5	Value	437
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	29027		

Grant Attachments

Document Name	Document Type	Description
2015 NRBG Addendum	Grant Agreement	2015 Natural Resources Block Grant Addendum - Redwood County
2015 NRBG Addendum executed	Grant Agreement	2015 Natural Resources Block Grant Addendum - Redwood County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2015
All Details Report	Grant	2015 - Septic Treatment Systems Upgrade - NRBG (Redwood County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2016
Septic System Estimator Calculations	Grant	2015 - Septic Treatment Systems Upgrade - NRBG (Redwood County)