



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2016

Grant Title - 2016 - Septic Treatment Systems Upgrade - NRBG (Chisago County)

Grant ID - P16-4513

Organization - Chisago County

Grant Awarded Amount	\$21,578.00	Grant Execution Date	1/27/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Jerry Spetzman

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$21,578.00	\$21,578.00	\$0.00
Total Match Amount			\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$21,578.00	\$21,578.00	\$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	Match
09.00387.00	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago Coun..	\$5,000.00	\$5,000.00	6/24/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
11.00187.00	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago Coun..	\$5,000.00	\$5,000.00	11/1/2016	N
11.00657.00	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago Coun..	\$5,000.00	\$5,000.00	6/17/2016	N
11.00900.25	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago Coun..	\$4,421.00	\$4,421.00	9/20/2016	N
Administration	Administration /Coordination	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago Coun..	\$2,157.00	\$2,157.00	12/2/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1	1	267 LINEAR FEET	267 LINEAR FEET
126M - Septic System Improvement	1	1	1250 LINEAR FEET	1250 LINEAR FEET
126M - Septic System Improvement	2	1	40 LINEAR FEET	40 LINEAR FEET

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
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BOD 5	1,498.00	LBS/YR
Total Suspended Solids (TSS)	828.00	Mg/L
PHOSPHORUS (EST. REDUCTION)	40.00	LBS/YR
NITROGEN	88.00	LBS/YR

Grant Activity

Grant Activity - 09.00387.00			
Description	09.00387.00		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	27-May-16	End Date	14-Jun-16
Has Rates and Hours?	No		
Actual Results	Installed a new septic system to replace an imminent health in the city of North Branch.		

Activity Action - 09.00387.00			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	installed a new septic system		
Proposed Size / Units	40.00 LINEAR FEET	Lifespan	30 Years
Actual Size/Units	40.00 LINEAR FEET	Installed Date	27-May-16
Mapped Activities	1 Point(s)		

Final Indicator for 09.00387.00			
Indicator Name	Total Suspended Solids (TSS)	Value	64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 09.00387.00			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 09.00387.00			
Indicator Name	NITROGEN	Value	26

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 09.00387.00			
Indicator Name	BOD 5	Value	115
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		

Grant Activity - 11.00187.00			
Description	Install new septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	20-May-16	End Date	01-Nov-16
Has Rates and Hours?	No		
Actual Results	a new septic system was installed in North Branch,		

Activity Action - 11.00187.00			
Practice Description	126M - Septic System Improvement	Count of Activities	1
Proposed Size / Units	267.00 LINEAR FEET	Lifespan	30 Years
Actual Size/Units	267.00 LINEAR FEET	Installed Date	1-Nov-16
Mapped Activities	1 Point(s)		

Final Indicator for 11.00187.00			
Indicator Name	BOD 5	Value	461
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00187.00			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		

Final Indicator for 11.00187.00			
Indicator Name	Total Suspended Solids (TSS)	Value	255
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00187.00			
Indicator Name	NITROGEN	Value	16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		

Grant Activity - 11.00657.00			
Description	New septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	20-Apr-16	End Date	03-May-16
Has Rates and Hours?	No		
Actual Results	Installed a new 5 bedroom septic system.		

Activity Action - 11.00657.00			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Installed a new septic system		
Proposed Size / Units	1,250.00 LINEAR FEET	Lifespan	30 Years
Actual Size/Units	1,250.00 LINEAR FEET	Installed Date	3-May-16
Mapped Activities	1 Point(s)		

Final Indicator for 11.00657.00			
Indicator Name	BOD 5	Value	553
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00657.00			
Indicator Name	Total Suspended Solids (TSS)	Value	305
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Sunrise River		
Final Indicator for 11.00657.00			
Indicator Name	NITROGEN	Value	20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00657.00			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		

Grant Activity - 11.00900.25			
Description	New septic system		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	11-May-16	End Date	20-Sep-16
Has Rates and Hours?	No		
Actual Results	Installed a new septic system and abandon the old system.		

Activity Action - 11.00900.25			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Install new septic system		
Proposed Size / Units	40.00 LINEAR FEET	Lifespan	30 Years
Actual Size/Units	40.00 LINEAR FEET	Installed Date	20-Sep-16
Mapped Activities	1 Point(s)		

Final Indicator for 11.00900.25			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise Rive		
Final Indicator for 11.00900.25			
Indicator Name	Total Suspended Solids (TSS)	Value	204

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00900.25			
Indicator Name	BOD 5	Value	369
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		
Final Indicator for 11.00900.25			
Indicator Name	NITROGEN	Value	26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Sunrise River		

Grant Activity - Administration			
Description	Administration		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Mar-16	End Date	30-Nov-16
Has Rates and Hours?	No		
Actual Results	Administer, process and approve applications.		

Grant Attachments

Document Name	Document Type	Description
2016 Natural Resources Block Grant	Grant Agreement	2016 Natural Resources Block Grant - Chisago County
2016 Natural Resources Block Grant executed	Grant Agreement	2016 Natural Resources Block Grant - Chisago County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/29/2016
Financial Report	Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Chisago County)