



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2016

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

Grant ID - P16-0664

Organization - Olmsted County

Grant Awarded Amount	\$4,876.00	Grant Execution Date	11/10/2015
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Donald VanKeulen

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$4,876.00	\$4,876.00	\$0.00
Total Match Amount	\$6,105.80	\$24,944.37	\$-18,838.57
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$10,981.80	\$29,820.37	\$-18,838.57

**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
Administer SSTS Upgrade Program	Administration /Coordination	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Olmsted Coun..	\$487.60	\$487.60	12/31/2017	N
Grants for SSTS Installations	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Olmsted Coun..	\$4,388.40	\$4,388.40	12/29/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Manage SSTS Upgrade Program	Subsurface Sewage Treatment Systems	Landowner Fund	Owner paid costs	\$6,105.80	\$24,944.37	12/29/2017	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	4	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	391.00	LBS/YR
PATHOGENS (E. COLI)	132,900,000,000,000.00	CFU
Total Suspended Solids (TSS)	216.00	Mg/L
PHOSPHORUS (EST. REDUCTION)	20.00	LBS/YR
NITROGEN	32.00	LBS/YR

Grant Activity

Grant Activity - Administer SSTS Upgrade Program			
Description	Administer SSTS Upgrade Program		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jul-16	End Date	31-Dec-17
Has Rates and Hours?	No		
Actual Results	Program administration costs 7/1/16 thru 12/31/16. 6 hrs yr, \$65.98 hr & 10/1/17 thru 12/31/17. 2 hrs, \$45.85 hr (includes fringe rate)		

Grant Activity - Grants for SSTS Installations			
Description	Grants for SSTS Installations		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jul-16	End Date	
Has Rates and Hours?	No		
Actual Results	Provide four grants for SSTS replacements and/or upgrades.		

Activity Action - 851112080522			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2016 SSTS low Income grant		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	1.00 COUNT	Installed Date	4-Oct-16
Mapped Activities	1 Point(s)		

Final Indicator for 851112080522			
Indicator Name	Total Suspended Solids (TSS)	Value	54
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 851112080522			
Indicator Name	BOD 5	Value	97

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 851112080522			
Indicator Name	NITROGEN	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 851112080522			
Indicator Name	PATHOGENS (E. COLI)	Value	33100000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 851112080522			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		

Activity Action - 841412040181			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2016 SSTS low Income grant		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	1.00 COUNT	Installed Date	18-Nov-16
Mapped Activities	1 Point(s)		

Final Indicator for 841412040181			
Indicator Name	NITROGEN	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841412040181			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		

Final Indicator for 841412040181			
Indicator Name	PATHOGENS (E. COLI)	Value	41300000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841412040181			
Indicator Name	Total Suspended Solids (TSS)	Value	67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841412040181			
Indicator Name	BOD 5	Value	121
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		

Activity Action - 841413040187			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2016 SSTS Low Income Grant		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	1.00 COUNT	Installed Date	16-Nov-16
Mapped Activities	1 Point(s)		

Final Indicator for 841413040187			
Indicator Name	PATHOGENS (E. COLI)	Value	24800000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841413040187			
Indicator Name	BOD 5	Value	73
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841413040187			
Indicator Name	Total Suspended Solids (TSS)	Value	40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	South Zumbro Watershed		
Final Indicator for 841413040187			
Indicator Name	NITROGEN	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841413040187			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		

Activity Action - 841244083036			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2016 SSTS Low Income Grant		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	1.00 COUNT	Installed Date	31-Oct-17
Mapped Activities	1 Point(s)		

Final Indicator for 841244083036			
Indicator Name	PATHOGENS (E. COLI)	Value	3.37E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841244083036			
Indicator Name	NITROGEN	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841244083036			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841244083036			
Indicator Name	Total Suspended Solids (TSS)	Value	55

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		
Final Indicator for 841244083036			
Indicator Name	BOD 5	Value	100
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Zumbro Watershed		

Grant Activity - Manage SSTS Upgrade Program			
Description	Manage SSTS Upgrade Program		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jul-16	End Date	31-Dec-17
Has Rates and Hours?	No		
Actual Results	One land owner share for SSTS upgrade in 2016. \$6105.80. One land owner share for SSTS upgrade in 2017 \$18,838.57.		

Grant Attachments

Document Name	Document Type	Description
2016 Natural Resources Block Grant	Grant Agreement	2016 Natural Resources Block Grant - Olmsted County
2016 Natural Resources Block Grant executed	Grant Agreement	2016 Natural Resources Block Grant - Olmsted County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/28/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/10/2017
NRBG Grant Report Summary	Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Olmsted County)