



Grant All-Detail Report

Septic Treatment Systems Upgrade - NRBG 2017

Grant Title - 2017 - Septic Treatment Systems Upgrade - NRBG (Martin County)

Grant ID - P17-5192

Organization - Martin County

Original Awarded Amount	\$16,614.00	Grant Execution Date	
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Ashley Brenke
Current Awarded Amount	\$16,614.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$16,614.00	\$16,614.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$1,000.00	\$1,000.00	\$0.00
Total	\$17,614.00	\$17,614.00	\$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
030073800	Subsurface Sewage Treatment Systems	Current State Grant	2017 - Septic Treatment Systems Upgrade - NRBG (Martin Count..	\$1,500.00	\$1,500.00	9/14/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
030073800	Subsurface Sewage Treatment Systems	Other Funds	2016 - Septic Treatment Systems Upgrade - NRBG (Martin Count..	\$1,000.00	\$1,000.00	9/14/2017	N
SSTS Upgrade	Subsurface Sewage Treatment Systems	Current State Grant	2017 - Septic Treatment Systems Upgrade - NRBG (Martin Count..	\$14,500.00	\$14,500.00	8/16/2018	N
SSTS Upgrade Administration	Administration /Coordination	Current State Grant	2017 - Septic Treatment Systems Upgrade - NRBG (Martin Count..	\$614.00	\$614.00	12/31/2018	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	5		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	1,018.00	LBS/YR
PATHOGENS (E. COLI)	148,570,000,000,000.00	CFU
SEDIMENT (TSS)	0.16	TONS/YR
Total Suspended Solids (TSS)	0.12	Mg/L
NITROGEN	89.00	LBS/YR

PHOSPHORUS (EST. REDUCTION)	31.00	LBS/YR
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Grant Activity

Grant Activity - 030073800			
Description	SSTS Upgrade at 030073800.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-17	End Date	14-Sep-17
Has Rates and Hours?	No		
Actual Results	Funds were used to upgrade an SSTS.		

Activity Action - 030073800			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS Improvement		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	14-Sep-17
Mapped Activities	No		

Final Indicator for 030073800			
Indicator Name	PATHOGENS (E. COLI)	Value	23300000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Creek		

Final Indicator for 030073800			
Indicator Name	NITROGEN	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Creek		

Final Indicator for 030073800			
Indicator Name	BOD 5	Value	68
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Creek		

Final Indicator for 030073800			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Creek		
Final Indicator for 030073800			
Indicator Name	SEDIMENT (TSS)	Value	.019
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	South Creek		

Grant Activity - SSTS Upgrade			
Description	These funds will be used to provide financial assistance for upgrading septic treatment systems.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-18	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	2018: Four SSTS systems were upgraded.		

Activity Action - 09.004.0700			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS upgrade		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	30-Jul-18
Mapped Activities	No		

Final Indicator for 09.004.0700			
Indicator Name	NITROGEN	Value	12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 09.004.0700			
Indicator Name	SEDIMENT (TSS)	Value	.096
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 09.004.0700			
Indicator Name	BOD 5	Value	346

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 09.004.0700			
Indicator Name	PATHOGENS (E. COLI)	Value	58900000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 09.004.0700			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		

Activity Action - 05.012.0350			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS upgrade		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	10-Aug-18
Mapped Activities	No		

Final Indicator for 05.012.0350			
Indicator Name	BOD 5	Value	86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		
Final Indicator for 05.012.0350			
Indicator Name	SEDIMENT (TSS)	Value	.024
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		
Final Indicator for 05.012.0350			
Indicator Name	PATHOGENS (E. COLI)	Value	29500000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Final Indicator for 05.012.0350			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		
Final Indicator for 05.012.0350			
Indicator Name	NITROGEN	Value	20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Activity Action - 12.018.0600			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS upgrade		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Aug-18
Mapped Activities	No		

Final Indicator for 12.018.0600			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 12.018.0600			
Indicator Name	PATHOGENS (E. COLI)	Value	7370000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 12.018.0600			
Indicator Name	Total Suspended Solids (TSS)	Value	.120
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		
Final Indicator for 12.018.0600			
Indicator Name	BOD 5	Value	432
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	East Fork Des Moines		
Final Indicator for 12.018.0600			
Indicator Name	NITROGEN	Value	31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	East Fork Des Moines		

Activity Action - 02.024.0600			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	SSTS upgrade		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	16-Aug-18
Mapped Activities	No		

Final Indicator for 02.024.0600			
Indicator Name	PATHOGENS (E. COLI)	Value	29500000000000
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Final Indicator for 02.024.0600			
Indicator Name	NITROGEN	Value	20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Final Indicator for 02.024.0600			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Final Indicator for 02.024.0600			
Indicator Name	BOD 5	Value	86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Final Indicator for 02.024.0600			
Indicator Name	SEDIMENT (TSS)	Value	.024

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Center Creek		

Grant Activity - SSTS Upgrade Administration			
Description	SSTS Upgrade Administration		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-17	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	2018: Staff time for the administration of five septic upgrades. Zoning Technician, 16 hrs @ \$38.98/hr		

Grant Attachments

Document Name	Document Type	Description
2017 NRBG Addendum	Grant Agreement	2017 Natural Resources Block Grant Addendum - Martin County
2017 NRBG Addendum executed	Grant Agreement	2017 Natural Resources Block Grant Addendum - Martin County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/14/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/20/2017