



# Grant All-Detail Report

## Septic Treatment Systems Upgrade - NRBG 2016

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

**Grant ID** - P16-3623

**Organization** - Dodge County

<b>Grant Awarded Amount</b>	<b>\$28,778.00</b>	<b>Grant Execution Date</b>	<b>10/19/2015</b>
<b>Required Match Amount</b>	<b>\$0.00</b>	<b>Grant End Date</b>	<b>12/31/2018</b>
<b>Required Match %</b>	<b>0%</b>	<b>Grant Day To Day Contact</b>	<b>Mark Gamm</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$28,778.00	\$22,594.57	\$6,183.43
Total Match Amount			\$0.00
Total Other Funds	\$31,813.26	\$31,813.26	\$0.00
<b>Total</b>	<b>\$60,591.26</b>	<b>\$54,407.83</b>	<b>\$6,183.43</b>

\*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
2016 - Campbell - 14.020.0401	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Dodge County..	\$8,000.00	\$6,154.57	6/14/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
2016 - Sprau - 12.020.0100	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Dodge County..	\$8,000.00	\$7,000.00	10/25/2016	N
2016 - Vangness - 10.004.0600	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Dodge County..	\$8,000.00	\$8,000.00	9/27/2016	N
2016 SSTS Upgrade Administration	Administration /Coordination	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Dodge County..	\$1,440.00	\$1,440.00	10/28/2016	N
2016 SSTS Upgrade Administration	Administration /Coordination	Local Fund	2016 Local In-Kind	\$31,813.26	\$31,813.26	12/31/2016	N
2016/2017 - Thompson - 15.036.0300	Subsurface Sewage Treatment Systems	Current State Grant	2016 - Septic Treatment Systems Upgrade - NRBG (Dodge County..	\$3,338.00			N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	4	0	1 COUNT	0 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
<b>BOD 5</b>	882.00	LBS/YR

<b>PATHOGENS (E. COLI)</b>	163,400,000,000,000.00	CFU
<b>Total Suspended Solids (TSS)</b>	307.00	Mg/L
<b>NITROGEN</b>	34.00	LBS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	24.00	LBS/YR

## Grant Activity

Grant Activity - 2016 - Campbell - 14.020.0401			
Description	2016 - Campbell - 14.020.0401		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	18-May-16	End Date	23-May-16
Has Rates and Hours?	No		
Actual Results	Replaced failing Septic System		

Activity Action - Campbell			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Replace failing Septic System		
Proposed Size / Units	1.00 COUNT	Lifespan	20 Years
Actual Size/Units	COUNT	Installed Date	23-May-16
Mapped Activities	No		

Final Indicator for Campbell			
Indicator Name	Total Suspended Solids (TSS)	Value	42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro Watershed		
Final Indicator for Campbell			
Indicator Name	BOD 5	Value	76
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro Watershed		

Final Indicator for Campbell			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro Watershed		
Final Indicator for Campbell			
Indicator Name	NITROGEN	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro Watershed		
Final Indicator for Campbell			
Indicator Name	PATHOGENS (E. COLI)	Value	2.58E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro Watershed		

Grant Activity - 2016 - Sprau - 12.020.0100			
Description	2016 - Sprau - 12.020.0100		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jul-16	End Date	25-Oct-16
Has Rates and Hours?	No		
Actual Results	10/3/2016 was Installation/Inspection Date, Payment approval on 10/25/2016		

Activity Action - Sprau			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	20 Years
Actual Size/Units	COUNT	Installed Date	3-Oct-16
Mapped Activities	No		

Final Indicator for Sprau			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

<b>Waterbody</b>	Cedar River Watershed		
<b>Final Indicator for Sprau</b>			
<b>Indicator Name</b>	Total Suspended Solids (TSS)	<b>Value</b>	223
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Cedar River Watershed		
<b>Final Indicator for Sprau</b>			
<b>Indicator Name</b>	PATHOGENS (E. COLI)	<b>Value</b>	6.88E+13
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) CFU	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Cedar River Watershed		
<b>Final Indicator for Sprau</b>			
<b>Indicator Name</b>	NITROGEN	<b>Value</b>	14
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Cedar River Watershed		
<b>Final Indicator for Sprau</b>			
<b>Indicator Name</b>	BOD 5	<b>Value</b>	403
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Cedar River Watershed		

<b>Grant Activity - 2016 - Vangness - 10.004.0600</b>			
<b>Description</b>	2016 - Vangness - 10.004.0600		
<b>Category</b>	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
<b>Start Date</b>	21-Apr-16	<b>End Date</b>	08-Sep-16
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Grant Application through Certificate of Compliance issued on 9/8/2016		

Activity Action - Vangness			
Practice	126M - Septic System Improvement	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	20 Years
Actual Size/Units	COUNT	Installed Date	8-Sep-16
Mapped Activities	No		

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

Final Indicator for Vangness			
Indicator Name	NITROGEN	Value	14
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro River Watershed		

Final Indicator for Vangness			
Indicator Name	Total Suspended Solids (TSS)	Value	42
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro River Watershed		

Final Indicator for Vangness			
Indicator Name	BOD 5	Value	403
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro River Watershed		

Final Indicator for Vangness			
Indicator Name	PATHOGENS (E. COLI)	Value	6.88E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Zumbro River Watershed		

Grant Activity - 2016 SSTS Upgrade Administration			
Description	2016 SSTS Upgrade Administration		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-16	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	Four projects completed/committed in 2016		

Grant Activity - 2016/2017 - Thompson - 15.036.0300			
Description	2016/2017 - Thompson - 15.036.0300		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	14-Sep-16	End Date	
Has Rates and Hours?	No		
Actual Results	Contract signed in 2016. Unable to install until 2017 so remaining 2016 funds will be paired with 2017 upgrade funds to total no more than a 50% cost share with a max distribution of \$8000.00.		

Activity Action - Thompson			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	System to be installed in 2017 using remaining 2016 funds paired with 2017 upgrade funds for no greater than 50% cost share up to \$8000.00 max distribution.		
Proposed Size / Units	1.00 COUNT	Lifespan	20 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No		

## Grant Attachments

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

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/21/2016