



# Grant All-Detail Report

## 2013 Low-Income SSTS Upgrades

**Grant Title** - 2013 Low-Income SSTS Upgrades - Winona (COUNTY)

**Grant ID** - C13-6368

**Organization** - Winona County

<b>Grant Awarded Amount</b>	<b>\$20,902.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$0.00	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$20,902.00	\$20,902.00	\$0.00
Total Match Amount	\$10,902.51	\$10,902.51	\$0.00
Total Other Funds	\$8,753.00	\$8,753.00	\$0.00
<b>Total</b>	<b>\$40,557.51</b>	<b>\$40,557.51</b>	<b>\$0.00</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	Matching Fund
SSTS Upgrade Installation costs for Frontage Drive location	Subsurface Sewage Treatment Systems	Current State Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)	\$7,077.00	\$7,077.00	6/30/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSTS Upgrade Installation costs for Frontage Drive location	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner SSTS Match	\$2,359.00	\$2,359.00	6/30/2015	Y
SSTS Upgrade Installation costs for Frontage Drive location	Subsurface Sewage Treatment Systems	Other Funds	2015 - Septic Treatment Systems Upgrade - NRBG (Winona Count..	\$6,564.75	\$6,564.75	8/18/2015	N
SSTS Upgrade Installation costs for Frontage Drive location	Subsurface Sewage Treatment Systems	Other Funds	Landowner contribution for SSTS upgrade	\$2,188.25	\$2,188.25	8/18/2015	Y
Winona County SSTS Low Income Upgrades Installation Costs	Subsurface Sewage Treatment Systems	Current State Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)	\$13,825.00	\$13,825.00	10/15/2014	N
Winona County SSTS Low Income Upgrades Installation Costs	Subsurface Sewage Treatment Systems	Landowner Fund	2013 Low-Income SSTS Upgrades - Winona (COUNTY)	\$8,543.51	\$8,543.51	10/15/2014	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	1	2	375 LINEAR FEET	375 LINEAR FEET
126M - Septic System Improvement	1	1	2000	2000
126M - Septic System Improvement	1	1	450	450

### 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>	248.00	LBS/YR
<b>SEDIMENT (TSS)</b>	0.07	TONS/YR
<b>PATHOGENS (E. COLI)</b>	84,700,000,000,000.00	CFU
<b>NITROGEN</b>	82.00	LBS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	11.00	LBS/YR

## Grant Activity

### Grant Activity - SSTS Upgrade Installation costs for Frontage Drive location

<b>Description</b>	Homeowners with failing or Imminent Public Health Threat SSTS and are within the low-income guidelines established by the County will be eligible to apply for a maximum of 75% to replace or repair their SSTS. The funds will be awarded on a first come, first served basis.		
<b>Category</b>	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
<b>Start Date</b>	1-Jan-15	<b>End Date</b>	18-Aug-15
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	A list of homeowners with failing or Imminent Public Health Threat SSTS was used for targeted mailing efforts to identify those that met low-income guidelines established by the County.  This grant activity provided funds for a low-income landowner on Frontage Drive to upgrade a sewage treatment system.		

### Activity Action - Fountain Upgrade

<b>Practice</b>	126M - Septic System Improvement	<b>Count of Activities</b>	1
<b>Description</b>	Installation of SSTS system to replace failing system. 1700 gallon HOOT pretreatment tank, mound with 10 x 37,5 ft rock bed.		
<b>Proposed Size / Units</b>	375.00 LINEAR FEET	<b>Lifespan</b>	Unknown
<b>Actual Size/Units</b>	375.00 LINEAR FEET	<b>Installed Date</b>	12-Aug-15

### Final Indicator for Fountain Upgrade

Indicator Name	Value
PATHOGENS (E. COLI)	23100000000000

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) CFU	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for Fountain Upgrade</b>			
<b>Indicator Name</b>	NITROGEN	<b>Value</b>	15
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for Fountain Upgrade</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	3
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for Fountain Upgrade</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	0.0185
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for Fountain Upgrade</b>			
<b>Indicator Name</b>	BOD 5	<b>Value</b>	68
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		

**Grant Activity - Winona County SSTS Low Income Upgrades Installation Costs**

<b>Description</b>	Landowners with failing or Imminent Public Health Threat SSTS who have received a notice of non-compliance and are within the low-income guidelines established by the County will be eligible to apply for a maximum of 75% to replace or repair their SSTS. The County will do targeted mailings to identify landowners needing assistance. The funds will be awarded on a first come, first served basis.		
<b>Category</b>	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
<b>Start Date</b>	20-Dec-12	<b>End Date</b>	30-Jun-15
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>A list of landowners with failing or Imminent Public Health Threat SSTS was used for targeted mailing efforts to identify those that met low-income guidelines established by the County. Initially, most of the low-income homeowners received cost-share through Winona SWCD's low-income upgrade program (cost-share payments were higher).</p> <p>Two low-income landowners' systems for wastewater treatment (Dry wells) failed to protect groundwater. In the funds available through this activity, these landowners upgraded their systems. One received \$10,000 in cost share and the other received 75% of the cost to replace his treatment system.</p>		

Activity Action - SSTS Upgrade - Landowner #1			
<b>Practice</b>	126M - Septic System Improvement	<b>Count of Activities</b>	1
<b>Description</b>	Installation of holding tank to replace drywell.		
<b>Proposed Size / Units</b>	2,000.00	<b>Lifespan</b>	Unknown
<b>Actual Size/Units</b>	2,000.00	<b>Installed Date</b>	22-Sep-14

Final Indicator for SSTS Upgrade - Landowner #1			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	4
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		

Final Indicator for SSTS Upgrade - Landowner #1			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	0.025
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		

Final Indicator for SSTS Upgrade - Landowner #1			
<b>Indicator Name</b>	PATHOGENS (E. COLI)	<b>Value</b>	30800000000000

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) CFU	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #1</b>			
<b>Indicator Name</b>	NITROGEN	<b>Value</b>	46
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #1</b>			
<b>Indicator Name</b>	BOD 5	<b>Value</b>	90
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		

<b>Activity Action - SSTS Upgrade - Landowner #2</b>			
<b>Practice</b>	126M - Septic System Improvement	<b>Count of Activities</b>	1
<b>Description</b>	Installed SSTS mound system, to replace drywell. Size 450 - square feet		
<b>Proposed Size / Units</b>	450.00	<b>Lifespan</b>	Unknown
<b>Actual Size/Units</b>	450.00	<b>Installed Date</b>	7-Oct-14

<b>Final Indicator for SSTS Upgrade - Landowner #2</b>			
<b>Indicator Name</b>	BOD 5	<b>Value</b>	90
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #2</b>			
<b>Indicator Name</b>	NITROGEN	<b>Value</b>	21
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #2</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	4
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #2</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	0.025

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		
<b>Final Indicator for SSTS Upgrade - Landowner #2</b>			
<b>Indicator Name</b>	PATHOGENS (E. COLI)	<b>Value</b>	30800000000000
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) CFU	<b>Calculation Tool</b>	Septic System Improvement Estimator (SSIE)
<b>Waterbody</b>	Mississippi River		

## Grant Attachments

Document Name	Document Type	Description
<b>2013 Low Income SSTS Upgrade Final Financial Report</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>Aaron Jensens email</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/18/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/20/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/18/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/12/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/12/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/16/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 08/20/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 08/14/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/09/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/27/2015
<b>Amendment</b>	Grant Agreement	Winona County-2013
<b>Amendment Revision Approval</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>Revision Request</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>SSTS improvement calculations</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>Septic System Grant Funds 063015</b>	Progress	Progress Dated - 08/14/2015
<b>grant_app_general-added-nov12.rpt</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>request for grant extension</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)
<b>request for grant extension</b>	Grant	2013 Low-Income SSTS Upgrades - Winona (COUNTY)