



Grant All-Detail Report Projects and Practices 2015

Grant Title - 2015 Myrtle On-site sewer solutions

Grant ID - C15-5124

Organization - Freeborn County

Grant Awarded Amount	\$494,500.00	Grant Execution Date	5/27/2015
Required Match Amount	\$123,625.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Rachel Wehner

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$494,500.00	\$216,911.61	\$277,588.39
Total Match Amount	\$126,325.00	\$78,829.96	\$47,495.04
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$620,825.00	\$295,741.57	\$325,083.43

*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
Administration and Coordination	Administration /Coordination	Current State Grant	2015 Myrtle On-site sewer solutions	\$0.00			N
Administration and Coordination	Administration /Coordination	Current State Grant	2015 Myrtle On-site sewer solutions	\$1,000.00	\$1,000.00	12/31/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Administration and Coordination	Administration /Coordination	Local Fund		\$200.00	\$200.00	12/31/2015	Y
Existing structure demolition and site preparation	Subsurface Sewage Treatment Systems	Current State Grant	2015 Myrtle On-site sewer solutions	\$43,000.00	\$31,184.45	1/20/2017	N
Existing structure demolition and site preparation	Subsurface Sewage Treatment Systems	Local Fund	In-Kind Match	\$8,125.00	\$6,500.00	2/19/2016	Y
In-kind match for Cannon River Watershed Partnership grant administration	Agricultural Practices	Local Fund	In-Kind Match	\$0.00			Y
Land Acquisition	Subsurface Sewage Treatment Systems	Current State Grant	2015 Myrtle On-site sewer solutions	\$20,000.00	\$16,700.00	12/17/2015	N
SSTS Design	Technical/Engineering Assistance	Current State Grant	2015 Myrtle On-site sewer solutions	\$9,000.00	\$945.00	12/22/2016	N
SSTS Design	Technical/Engineering Assistance	Landowner Fund	25% In-kind match	\$2,250.00	\$315.00	12/22/2016	Y
SSTS construction	Subsurface Sewage Treatment Systems	Current State Grant	2015 Myrtle On-site sewer solutions	\$421,500.00	\$167,082.16	12/2/2016	N
SSTS construction	Subsurface Sewage Treatment Systems	Landowner Fund		\$115,750.00	\$71,814.96	12/16/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	3	0	3 COUNT	0 COUNT
126M - Septic System Improvement	1	0	1 COUNT	0 COUNT

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
SSTS construction	PATHOGENS (E. COLI)	13000000000000000 CFU	Cedar River	Septic System Improvement Estimator (SSIE)	
SSTS construction	PHOSPHORUS (EST. REDUCTION)	174 LBS/YR	Cedar River	Septic System Improvement Estimator (SSIE)	As noted in the application, this estimate seems high but does show there is a phosphorus reduction
SSTS construction	NITROGEN	475 LBS/YR	Cedar River	Septic System Improvement Estimator (SSIE)	As noted in the application, this estimate seems high but does show there is a nitrogen reduction.

Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Administration and Coordination			
Description	Consultations with property owners about their options. Coordinating bidding process to hire contractor for: existing structure demolition, SSTS designer, and SSTS installation. Verifying property owners meet income requirements. Apply a sliding fee scale to applicants that may exceed the USDA RD low income guidelines. Richard Hoffman Freeborn County Environmental Services Coordinator is responsible for the managing this project. Hoffman is MPCA Certified (C1166) as an SSTS Designer and Inspector.		
Category	ADMINISTRATION/COORDINATION		
Start Date	18-Aug-14	End Date	31-Dec-18
Has Rates and Hours?	Yes		
Actual Results	Administered the grant and coordinated implementation of grant and resulting grant activities.		

Grant Activity - Existing structure demolition and site preparation			
Description	On the four properties that will be acquired to serve as SSTS sites, there are existing structures. The existing structures will need to be demolished and filled in. Funds are also included for possible well abandonment, refuse cleanup, and underground storage tank (UST) removal and disposal.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	18-Aug-14	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	<p>Site preparation activities that include sump pump installation, excavation work, house demos, and legal fees paid by the city to address legal issues related the project.</p> <p>Freeborn County General Ledger details are attached to this document</p>		

Activity Action - Excavation Work and Demolition			
Practice	126M - Septic System Improvement	Count of Activities	3
Description	Two homes and one garage were taken down for a total of three structures		
Proposed Size / Units	3.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No		

Activity Action - Well Sealing			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	One well was sealed		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	No		

Grant Activity - In-kind match for Cannon River Watershed Partnership grant administration			
Description	In-kind match for Cannon River Watershed Partnership grant administration		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Land Acquisition			
Description	Acquire four properties to serve as SSTS sites for homes that do not have room on their own property. Includes costs for purchasing the land as well as legal and recording costs. These costs are eligible to be funded with CWF grant dollars.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	18-Aug-14	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	Purchase of four land parcels		

Grant Activity - SSTS Design			
Description	Final designs will be completed by a licensed SSTS designs for each of the 28 properties. The designs will be permitted by Freeborn County before the systems can be constructed. As part of the permit, Freeborn County will inspect the construction of the new SSTSs.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	18-Aug-14	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	In most cases residents are having same contractor do design and installation, so their bill is being lumped together in the construction category. There have been 3 cases where a different contractor was hired to only design the system. These costs reflect those situations.		

Grant Activity - SSTS construction			
Description	Construction costs for the 28 SSTS.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	18-Aug-14	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	13 residential homes have been installed and 1 hold tank. The hold tank is being considered match only, as grant money was not used.		

Grant Attachments

Document Name	Document Type	Description
2015 City of Myrtle Cost-Share Assistance Contract for on-site Septic System System Installation	Grant	2015 Myrtle On-site sewer solutions
2015 Competitive Grant	Grant Agreement	2015 Competitive Grant - Freeborn County
2015 Competitive Grant executed	Grant Agreement	2015 Competitive Grant - Freeborn County
2015 bills/ ledger details	Grant	2015 Myrtle On-site sewer solutions
2016 bills/vouchers	Grant	2015 Myrtle On-site sewer solutions
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/18/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/04/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/29/2016
Application	Workflow Generated	Workflow Generated - Application - 09/25/2014
Budget	Grant	2015 Myrtle On-site sewer solutions
Contract April 2015	Grant	2015 Myrtle On-site sewer solutions
Email response to questions	Grant	2015 Myrtle On-site sewer solutions
Expenditure Report	Grant	2015 Myrtle On-site sewer solutions
Grant Application	Grant	2015 Myrtle On-site sewer solutions
Income Eligibility Statement	Grant	2015 Myrtle On-site sewer solutions
Ledger Details 2016	Grant	2015 Myrtle On-site sewer solutions
MOA between County and City	Grant	2015 Myrtle On-site sewer solutions
Myrtle Bills & Vouchers	Grant	2015 Myrtle On-site sewer solutions
Myrtle Council agenda 6-2-2015	Journal	Journal Dated - 06/03/2015
Myrtle Grant Change Request	Grant	2015 Myrtle On-site sewer solutions
Myrtle SSTS Map	Grant	2015 Myrtle On-site sewer solutions
Myrtle and Freeborn County Agreement	Grant	2015 Myrtle On-site sewer solutions
Parcel locations of drainfields	Grant	2015 Myrtle On-site sewer solutions
Proposed Drainfield Locations	Grant	2015 Myrtle On-site sewer solutions
Time tracking	Grant	2015 Myrtle On-site sewer solutions
Timeline Schedule	Grant	2015 Myrtle On-site sewer solutions
U of M SSTS Management Plan for Above Ground Systems	Grant	2015 Myrtle On-site sewer solutions
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/24/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/28/2015
Work Plan notes	Journal	Journal Dated - 05/26/2015
grantmap_12708_2014-09-23_09-49-05-AM.jpg	Grant	2015 Myrtle On-site sewer solutions
time tracking/wages	Grant	2015 Myrtle On-site sewer solutions