



Grant All-Detail Report Cost Share 2016

Grant Title - 2016 - State Cost-Share Fund (Clearwater SWCD)

Grant ID - P16-0076

Organization - Clearwater SWCD

Original Awarded Amount	\$7,506.00	Grant Execution Date	8/25/2015
Required Match Amount	\$1,876.50	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Nathan Nordlund
Current Awarded Amount	\$7,506.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$7,506.00	\$7,506.00	\$0.00
Total Match Amount	\$10,099.62	\$10,099.62	\$0.00
Total Other Funds	\$21,129.26	\$21,055.99	\$73.27
Total	\$38,734.88	\$38,661.61	\$73.27

*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
2016 Cost Share T&A	Technical/Engineering Assistance	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$1,501.20	\$1,501.20	12/31/2018	N
Anderson Riparian Buffer	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$1,302.32	\$1,302.32	12/15/2016	N
Anderson Riparian Buffer	Agricultural Practices	Landowner Fund	Landowner Match	\$6,520.32	\$6,520.32	12/15/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Anderson Riparian Buffer	Agricultural Practices	Local Fund	RLWD Match	\$3,000.00	\$3,000.00	12/15/2016	Y
Anderson Riparian Buffer	Agricultural Practices	Other Funds	2016 - SWCD Local Capacity Services (Clearwater SWCD)	\$5,583.43	\$5,583.43	12/15/2016	N
Corser-Shoreland Resoration	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$2,594.60	\$2,594.60	12/31/2018	N
Janssen field windbreak	Forestry Practices	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$732.90	\$732.90	5/18/2017	N
Janssen field windbreak	Forestry Practices	Landowner Fund	Landowner cash match	\$244.30	\$244.30	5/18/2017	Y
Larson Riparian Buffer	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$1,039.98	\$1,039.98	12/15/2016	N
Larson Riparian Buffer	Agricultural Practices	Other Funds	2015 - State Cost-Share Fund (Clearwater SWCD)	\$5,005.83	\$5,005.83	12/15/2016	N
Larson Riparian Buffer	Agricultural Practices	Other Funds	EQIP	\$6,340.00	\$6,338.60	12/15/2016	Y
Larson Riparian Buffer	Agricultural Practices	Other Funds	Landowner Match	\$4,200.00	\$4,128.13	12/15/2016	Y
Larson Well Sealing	Groundwater	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$182.50	\$182.50	12/15/2016	N
Larson Well Sealing	Groundwater	Landowner Fund	Landowner Cash Match	\$182.50	\$182.50	12/15/2016	Y
Larson Well Sealing_2017	Special Projects	Current State Grant	2016 - State Cost-Share Fund (Clearwater SWCD)	\$152.50	\$152.50	12/14/2017	N
Larson Well Sealing_2017	Special Projects	Landowner Fund	Landowner Cash Match	\$152.50	\$152.50	12/14/2017	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	1	6.6 AC	AC
351 - Well Decommissioning	1	1	65 LINEAR FEET	LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	1	8.7 AC	5.3 AC
472 - Access Control	1	1	1 COUNT	COUNT
612 - Tree/Shrub Establishment	1	2	3610 LINEAR FEET	3610 LINEAR FEET

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
SOIL (EST. SAVINGS)	12.58	TONS/YR
SEDIMENT (TSS)	90.32	TONS/YR
PHOSPHORUS (EST. REDUCTION)	141.98	LBS/YR
PREVENTION	1.00	COUNT

Grant Activity

Grant Activity - 2016 Cost Share T&A	
Description	2016 Cost Share T&A
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	End Date
Has Rates and Hours?	No
Actual Results	In 2016, technical assistance was provided for 3 cost share projects. This assistance included site visits, meetings with landowners to discuss project options, development of project plans, cost estimates, site inspections and other needs to facilitate the completion of these projects.

Grant Activity - Anderson Riparian Buffer			
Description	Anderson Riparian Buffer		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	Andersons established a 6 acre riparian buffer on the Silver Creek by excluding cattle from the water body with barb wire fencing. An alternative water source was established to provide fresh water for the cattle.		

Activity Action - Livestock_exclusion_fence			
Practice	393 - Filter Strip	Count of Activities	1
Description			
Proposed Size / Units	6.60 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Livestock_exclusion_fence			
Indicator Name	SEDIMENT (TSS)	Value	14.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Silver Creek		

Final Indicator for Livestock_exclusion_fence			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	21.28
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Silver Creek		

Grant Activity - Corser-Shoreland Resoration	
Description	A shoreline restoration and storm water runoff project conducted on the North end of Clearwater Lake on the property of Joe and Sally Corser. The project involved the installation of 2 rows of Coir logs along the shoreline with native plants and shrubs planted within the two rows. A reestablishment of native vegetation via hydro seeding along the failing steep slope leading to the lake. The install of a rain garden to mitigate and filter roof and lawn run off prior to flowing in to the lake.
Category	STREAMBANK OR SHORELINE PROTECTION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	A shoreline restoration and storm water runoff project conducted on the North end of Clearwater Lake on the property of Joe and Sally Corser. The project involved the installation of 2 rows of Coir logs along the shoreline with native plants and shrubs planted within the two rows. A reestablishment of native vegetation via hydro seeding along the failing steep slope leading to the lake. The install of a rain garden to mitigate and filter roof and lawn run off prior to flowing in to the lake.

Grant Activity - Janssen field windbreak	
Description	Janssen field windbreak
Category	FORESTRY PRACTICES
Start Date	20-Apr-17 End Date
Has Rates and Hours?	No
Actual Results	Windbreak was established.

Activity Action - windbreak			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description			
Proposed Size / Units	3,610.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	3,610.00 LINEAR FEET	Installed Date	
Mapped Activities	2 Polygon(s)		

Final Indicator for windbreak			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.29
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	WEPS (Wind Erosion Prediction System)
Waterbody	Walker Brook		

Grant Activity - Larson Riparian Buffer			
Description	Larson cattle exclusion		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	15-Dec-16
Has Rates and Hours?	No		
Actual Results	Larsons installed over 5800 feet of fence to create a 6 acre exclusion area on the Ruffy Brook. Larsons also established a watering system utilizing seasonal tire tanks and a deep buried frost free system which serves as an alternative water source throughout the year. This project was a joint project with the NRCS who provided funds through EQIP on the project.		

Activity Action - Larson_livestock_exclusion			
Practice	393 - Filter Strip	Count of Activities	1
Description			
Proposed Size / Units	8.70 AC	Lifespan	10 Years
Actual Size/Units	5.30 AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Larson_livestock_exclusion			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	120.70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lost River		
Final Indicator for Larson_livestock_exclusion			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.29
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lost River		
Final Indicator for Larson_livestock_exclusion			
Indicator Name	SEDIMENT (TSS)	Value	75.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Lost River		

Grant Activity - Larson Well Sealing			
Description	Larson Well Sealing		
Category	GROUNDWATER		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	Larson sealed abandoned well.		

Activity Action - Larson_well_seal			
Practice	472 - Access Control	Count of Activities	1
Description			
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	1 Polygon(s)		

Final Indicator for Larson_well_seal			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Larson Well Sealing_2017			
Description	Larson Well Sealing_2017		
Category	SPECIAL PROJECTS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	Well was sealed.		

Activity Action - Mark Larson Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Unused Well Sealing		
Proposed Size / Units	65.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	1-Nov-17
Mapped Activities	1 Point(s)		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Programs and Operations Grant	Grant Agreement	2016 SWCD Programs and Operations Grants - Clearwater SWCD
2016 SWCD Programs and Operations Grant executed	Grant Agreement	2016 SWCD Programs and Operations Grants - Clearwater SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Grant	2016 - State Cost-Share Fund (Clearwater SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/14/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2019
All Details Report	Grant	2016 - State Cost-Share Fund (Clearwater SWCD)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/13/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/19/2017