



Grant All-Detail Report 2013 Cost Share Base Grant

Grant Title - 2013 Cost Share Base Grant - Clearwater (SWCD)

Grant ID - C13-0299

Organization - Clearwater SWCD

Grant Awarded Amount	\$9,758.00	Grant Execution Date	
Required Match Amount	\$2,439.50	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$9,758.00	\$6,920.29	\$2,837.71
Total Match Amount	\$3,983.31	\$3,952.03	\$31.28
Total Other Funds	\$23,437.82	\$23,437.82	\$0.00
Total	\$37,179.13	\$34,310.14	\$2,868.99

*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
2012 CWF Pine Lake - James Aakre	Streambank or Shoreline Protection	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$2,837.71			N
2013 FY Cost Share Technical Assistance and Administration	Technical/Engineering Assistance	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$1,951.60	\$1,951.60	1/2/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Jeff & Angie Ness Shelterbelt	Forestry Practices	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$615.00	\$615.00	5/15/2014	N
Jeff & Angie Ness Shelterbelt	Forestry Practices	Landowner Fund	Landowner Match	\$473.00	\$473.00	5/15/2014	Y
Johnson's Riparian Forest Buffer	Agricultural Practices	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$3,202.54	\$3,202.54	12/20/2013	N
Johnson's Riparian Forest Buffer	Agricultural Practices	Landowner Fund	landowner match	\$3,019.00	\$3,019.00	11/29/2013	Y
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds	2011 Cost Share Base Grant - Clearwater (SWCD)	\$1,824.15	\$1,824.15	12/24/2013	N
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds	2011 landowner cost share contribution	\$1,719.75	\$1,719.75	11/29/2013	Y
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds	2012 Cost Share Base Grant - Clearwater (SWCD)	\$2,175.85	\$2,175.85	12/24/2013	N
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds	2012 RLWD Erosion Control/Water Quality Projects Fund	\$3,500.00	\$3,500.00	12/31/2013	Y
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds	2012 landowner cost share contribution	\$2,051.09	\$2,051.09	11/29/2013	Y
Johnson's Riparian Forest Buffer	Agricultural Practices	Other Funds		\$12,166.98	\$12,166.98	12/6/2013	N
Kleppe Riparian Forest Buffer	Forestry Practices	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$519.00	\$519.00	5/15/2014	N
Kleppe Riparian Forest Buffer	Forestry Practices	Landowner Fund	Landowner Match	\$249.31	\$249.31	5/15/2014	Y
Larry Sorenson - Side Water Inlet	Agricultural Practices	Current State Grant	2013 Cost Share Base Grant - Clearwater (SWCD)	\$632.15	\$632.15	11/21/2013	N
Larry Sorenson - Side Water Inlet	Agricultural Practices	Local Fund	2013 RLWD Erosion Control/Water Quality Projects Fund	\$242.00	\$210.72	11/21/2013	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
351 - Well Decommissioning	2	1	0.00 COUNT
410 - Grade Stabilization Structure	1	1	40.00 COUNT
380 - Windbreak/Shelterbelt Establishment	1	1	0.00 LINEAR FEET
391 - Riparian Forest Buffer	2	7	0.00 AC

Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	40.00	LBS/YR
SEDIMENT (TSS)	0.51	TONS/YR
SOIL (EST. SAVINGS)	0.57	TONS/YR
PHOSPHORUS (EST. REDUCTION)	31.86	LBS/YR

Grant Activity

Grant Activity - 2012 CWF Pine Lake - James Aakre	
Description	2012 CWF Pine Lake - James Aakre
Category	STREAMBANK OR SHORELINE PROTECTION
Start Date	End Date
Rates and Hours	
Actual Results	This project was to go in in the fall of 2014 but due to low interest from contractors for fall installation the project will be installed in 2015.

Grant Activity - 2013 FY Cost Share Technical Assistance and Administration			
Description	SWCD staff Kathy Rasch, and Nathan Nordlund, time and resources to provide technical assistance for the 2013 Cost Share program.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Activity - Jeff & Angie Ness Shelterbelt			
Description	Jeff & Angie Ness Shelterbelt		
Category	FORESTRY PRACTICES		
Start Date		End Date	13-May-14
Rates and Hours			
Actual Results	A 1800 ft shelterbelt was planted to protect farmstead buildings and livestock from wind.		

Activity Action - Shelterbelt			
Practice	380 - Windbreak/Shelterbelt Establishment	Count of Activities	1
Description			
Proposed Size / Units	2,040 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	

Grant Activity - Johnson's Riparian Forest Buffer

Description	This project is a joint project between the Red Lake Watershed District, Natural Resource Conservation District, and Clearwater Soil and Water Conservation District. The goal of this project is to establish a riparian forest buffer around Bagley Lake by excluded cattle from around the lake. Cattle exclusion will be accomplished by the development of a grazing system on the existing pasture ground. Perimeter fencing will keep cattle away from the lake allowing native vegetation around the lake to re-establish creating the desired riparian forest buffer. The NRCS has designed a grazing system that will provide fresh water through a pipeline and tank system. The RLWD will provide funding to help with costs associated with the installation of perimeter fencing and the installation of a well.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	29-Nov-13
Rates and Hours			
Actual Results	Results and accomplishments from this project include the establishment of a riparian buffer on over 1/2 mile of Bagley lake. 8588 ft of fencing was installed to exclude cattle from the buffer area. Alternative watering facilities were installed for the cattle.		

Activity Action - Forestry Conservation Practice D.13

Practice	391 - Riparian Forest Buffer	Count of Activities	1
Description			
Proposed Size / Units	AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	

Final Indicator for Forestry Conservation Practice D.13

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	31
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Bagley Lake		

Final Indicator for Forestry Conservation Practice D.13

Indicator Name	BOD 5	Value	40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	MINNFARM
Waterbody	Bagley Lake		

Grant Activity - Kleppe Riparian Forest Buffer			
Description	Kleppe Riparian Forest Buffer		
Category	FORESTRY PRACTICES		
Start Date		End Date	14-May-14
Rates and Hours			
Actual Results	A buffer was planted along a seasonal stream, adjacent to ag land to protect and improve water quality in a nearby lake.		

Activity Action - Riparian Forest Buffer			
Practice	391 - Riparian Forest Buffer	Count of Activities	1
Description			
Proposed Size / Units	1 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	

Final Indicator for Riparian Forest Buffer			
Indicator Name	SOIL (EST. SAVINGS)	Value	.09
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Stony Lake		

Final Indicator for Riparian Forest Buffer			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.56
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Stony Lake		

Final Indicator for Riparian Forest Buffer			
Indicator Name	SEDIMENT (TSS)	Value	.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Stony Lake		

Grant Activity - Larry Sorenson - Side Water Inlet			
Description	This project entails the installation of a side water inlet on a private field ditch that runs directly into the Lost River.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	29-Oct-13
Rates and Hours			
Actual Results	SWI installed as planned		

Activity Action - Legacy Migrated Data			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	SWI into Lost River		
Proposed Size / Units	41 COUNT	Lifespan	10 Years
Actual Size/Units	40 COUNT	Installed Date	29-Oct-13

Final Indicator for Legacy Migrated Data			
Indicator Name	SEDIMENT (TSS)	Value	.30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lost River		

Final Indicator for Legacy Migrated Data			
Indicator Name	SOIL (EST. SAVINGS)	Value	.48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lost River		

Final Indicator for Legacy Migrated Data			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	.30
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Lost River		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2015
grant_app_general-added.rpt	Grant	2013 Cost Share Base Grant - Clearwater (SWCD)