



Grant All-Detail Report 2013 Cost Share Base Grant

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

Grant ID - C13-6319

Organization - Lyon SWCD

Grant Awarded Amount	\$18,383.00	Grant Execution Date	
Required Match Amount	\$4,595.75	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$14,945.16	\$8,467.00	\$6,478.16
Total Match Amount	\$4,525.33	\$2,822.33	\$1,703.00
Total Other Funds	\$3,542.00	\$0.00	\$3,542.00
Total	\$23,012.49	\$11,289.33	\$11,723.16

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Colby Buchert	Wind Erosion	Current State Grant	2013 cost share base grant - lyon (swcd)	\$2,467.00	\$2,467.00	6/26/2013	N
Colby Buchert	Wind Erosion	Landowner Fund	Landowner Fund	\$822.33	\$822.33	6/26/2013	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Greg Bladholm	Streambank or Shoreline Protection	Current State Grant	2013 cost share base grant - lyon (swcd)	\$6,000.00	\$6,000.00	6/25/2013	N
Greg Bladholm	Streambank or Shoreline Protection	Landowner Fund	Landowner Fund	\$2,000.00	\$2,000.00	6/26/2013	Y
Jeremy Larson	Agricultural Practices	Current State Grant	2013 cost share base grant - lyon (swcd)	\$2,556.00			N
Jeremy Larson	Agricultural Practices	Landowner Fund	Landowner Funds	\$852.00			Y
Lucas Satter	Agricultural Practices	Current State Grant	2013 Cost Share Base Grant - Lyon (SWCD)	\$1,369.16			N
Lucas Satter	Agricultural Practices	Other Funds	2012 cost share base grant - lyon (swcd)	\$3,542.00			N
Lucas Satter	Agricultural Practices						
Michael Longtin	Agricultural Practices	Current State Grant	2013 Cost Share Base Grant - Lyon (SWCD)	\$2,553.00			N
Michael Longtin	Agricultural Practices	Local Fund	2013 Landowner Contribution	\$851.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
580 - Streambank and Shoreline Protection	1	1	75 LINEAR FEET
380 - Windbreak/Shelterbelt Establishment	1	1	1450 LINEAR FEET
638 - Water and Sediment Control Basin	1	1	0.35 AC
412 - Grassed Waterway and Swales	2	3	0 LINEAR FEET
362 - Diversion	1	1	0 LINEAR FEET

Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	180	LBS/YR
SOIL (EST. SAVINGS)	25.61	TONS/YR
SEDIMENT (TSS)	11.51	TONS/YR
NITROGEN	46	LBS/YR
PHOSPHORUS (EST. REDUCTION)	11.51	LBS/YR

Grant Activity

Grant Activity - Colby Buchert			
Description	Colby Buchert		
Category	WIND EROSION		
Start Date	6-Jun-13	End Date	Fri Jun 28 00:00:00 CDT 2013
Rates and Hours			
Actual Results	Tree planting done mechanically by Lincoln SWCD. Tree matting and Tubex tree wraps also installed.		

Activity Action - Shelterbelt Project			
Practice	380 - Windbreak/Shelterbelt Establishment	Count of Activities	1
Description	Shelterbelt to help with wind/snow blowing and replant from storm damage		
Proposed Size / Units	1450 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1450 LINEAR FEET	Installed Date	7-Jun-13

Grant Activity - Greg Bladholm			
Description	Greg Bladholm		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	31-May-13	End Date	Fri May 31 00:00:00 CDT 2013
Rates and Hours			
Actual Results	Shoreland protection project where the bank was mechanically reshaped and filter cloth placed beneath quarried rip-rap.		

Activity Action - Streambank Stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	The bank was reshaped and filter cloth was laid underneath rock rip-rap.		
Proposed Size / Units	100 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	75 LINEAR FEET	Installed Date	31-May-13
Final Indicator for Streambank Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	7.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Redwood River		
Final Indicator for Streambank Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	7.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Redwood River		
Final Indicator for Streambank Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Redwood River		

Grant Activity - Jeremy Larson			
Description	Earthen Diversion with Tile		
Category	AGRICULTURAL PRACTICES		
Start Date	23-Oct-13	End Date	Fri Nov 22 00:00:00 CST 2013
Rates and Hours			
Actual Results	Earthen Diversion from feedlot with tile.		

Activity Action - Earthen Diversion			
Practice	362 - Diversion	Count of Activities	1
Description	Earthen Diversion with tile		
Proposed Size / Units	444 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	22-Nov-13
Final Indicator for Earthen Diversion			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Unnamed private wetland		
Final Indicator for Earthen Diversion			
Indicator Name	BOD 5	Value	50
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Unnamed private wetland		
Final Indicator for Earthen Diversion			
Indicator Name	NITROGEN	Value	33
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Unnamed private wetland		
Final Indicator for Earthen Diversion			
Indicator Name	BOD 5	Value	130
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Unnamed private wetland		

Grant Activity - Lucas Satter			
Description	Grassed Waterway w/ Tile		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Activity Action - Grassed Waterway with Tile			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description			
Proposed Size / Units	1300 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Final Indicator for Grassed Waterway with Tile			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cottonwood River		
Final Indicator for Grassed Waterway with Tile			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cottonwood River		
Final Indicator for Grassed Waterway with Tile			
Indicator Name	SEDIMENT (TSS)	Value	1.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Cottonwood River		

Grant Activity - Lucas Satter			
Description	Grassed Waterway with Tile		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results	Grassed waterway to be installed with tile. An existing 10" CMP outlets at the beginning stretches of the waterway. Staff is currently working on designing an intake that supports low-flows underground and high-flows overland.		

Activity Action - Agricultural Practices			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grassed waterway with tile to be installed on lower stretches of 91.9 acre watershed.		
Proposed Size / Units	1300 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	
Final Indicator for Agricultural Practices			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.53
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Unnamed stream		
Final Indicator for Agricultural Practices			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Unnamed stream		
Final Indicator for Agricultural Practices			
Indicator Name	SEDIMENT (TSS)	Value	1.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Unnamed stream		

Grant Activity - Michael Longtin			
Description	Water and Sediment Control Basin with Underground Outlet.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results	WASCOB to be constructed in the Spring of 2014. Technical staff has surveyed and designed the basin and tile to be installed.		

Activity Action - Basin 638			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	Water and sediment control basin with an intake, underground outlet, and critical area planting		
Proposed Size / Units	0.34 AC	Lifespan	10 Years
Actual Size/Units	0.35 AC	Installed Date	
Final Indicator for Basin 638			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Yellow Medicine River		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2014