



Grant All-Detail Report Cost Share 2016

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

Grant ID - P16-5226

Organization - Lyon SWCD

Original Awarded Amount	\$14,141.00	Grant Execution Date	11/3/2015
Required Match Amount	\$3,535.25	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Anita Cauwels
Current Awarded Amount	\$14,141.00	Current End Date	12/31/2019

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$13,758.39	\$13,758.39	\$382.61
Total Match Amount	\$4,353.08	\$4,353.08	\$0.00
Total Other Funds	\$33,507.50	\$33,507.50	\$0.00
Total	\$51,618.97	\$51,618.97	\$382.61

**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
Dean Faltinson	Conservation Drainage	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$797.10	\$797.10	11/21/2017	N
Dean Faltinson	Conservation Drainage	Landowner Fund	25% Landowner Match	\$265.70	\$265.70	11/21/2017	Y
Duane VanKeulen	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$2,215.35	\$2,215.35	12/28/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Duane VanKeulen	Agricultural Practices	Landowner Fund	25% Landowner Match	\$738.46	\$738.46	12/28/2016	Y
Leland Bush - BMP	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$3,562.43	\$3,562.43	11/21/2018	N
Leland Bush - BMP	Agricultural Practices	Other Funds	2016 - Conservation Delivery (Lyon SWCD)	\$9,434.49	\$9,434.49	11/20/2018	N
Leland Bush - BMP	Agricultural Practices	Other Funds	2018 - Conservation Delivery (Lyon SWCD)	\$3,342.58	\$3,342.58	11/21/2018	N
Leland Bush - BMP	Agricultural Practices	Other Funds	Landowner Contribution	\$5,446.50	\$5,446.50	11/20/2018	N
Michael Wooge BMP	Agricultural Practices	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$6,608.51	\$6,608.51	11/29/2016	N
Michael Wooge BMP	Agricultural Practices	Landowner Fund	25% Landowner Match	\$3,348.92	\$3,348.92	11/29/2016	Y
Michael Wooge BMP	Agricultural Practices	Other Funds	2015 - Conservation Delivery (Lyon SWCD)	\$3,438.23	\$3,438.23	11/29/2016	N
RW-CWP-06-2015 Don Girard	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$575.00	\$575.00	12/19/2017	N
RW-CWP-06-2015 Don Girard	Streambank or Shoreline Protection	Other Funds	Landowner Match (25%)	\$3,151.21	\$3,151.21	12/7/2017	Y
RW-CWP-06-2015 Don Girard	Streambank or Shoreline Protection	Other Funds	Redwood River Turbidity Reduction Project	\$8,694.49	\$8,694.49	12/7/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	1	1	153 LINEAR FEET	153 LINEAR FEET
638 - Water and Sediment Control Basin	2	2	370 LINEAR FEET	370 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	2	2	695 LINEAR FEET	695 LINEAR FEET
148M - Erosion Control	1	1	1 COUNT	1 COUNT
580 - Streambank and Shoreline Protection	1	1	185 LINEAR FEET	185 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
SEDIMENT (TSS)	31.35	TONS/YR
SOIL (EST. SAVINGS)	40.70	TONS/YR
PHOSPHORUS (EST. REDUCTION)	31.73	LBS/YR
PREVENTION	1.00	COUNT

Grant Activity

Grant Activity - Dean Faltinson			
Description	Lined Waterway		
Category	CONSERVATION DRAINAGE		
Start Date	19-Sep-17	End Date	21-Nov-17
Has Rates and Hours?	No		
Actual Results	1 Energy Dissipator (Lined Waterway/Outlet) with underground outlet to extend life of existing grassed waterway downstream and to prevent erosion downstream from 2015 BMP installation.		

Activity Action - Dean Faltinson			
Practice	148M - Erosion Control	Count of Activities	1
Description	1 Energy Dissapator (Lined Waterway) on downstream side of culvert entering an existing grassed waterway. 40 feet of 8" CPE pipe installed as control for dissapator.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	20-Nov-17
Mapped Activities	1 Line(s)		

Final Indicator for Dean Faltinson			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Cottonwood River		

Grant Activity - Duane VanKeulen			
Description	Duane VanKeulen - WASCOB with underground outlet		
Category	AGRICULTURAL PRACTICES		
Start Date	26-Sep-16	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	1 Water & Sediment Control Basin installed with underground outlet to control gully erosion.		

Activity Action - Duane VanKeulen Basin			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	1 Water & Sediment Control Basin with Underground Outlet		
Proposed Size / Units	153.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	153.00 LINEAR FEET	Installed Date	19-Dec-16
Mapped Activities	1 Point(s)		

Final Indicator for Duane VanKeulen Basin			
Indicator Name	SEDIMENT (TSS)	Value	2.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Cottonwood River		

Final Indicator for Duane VanKeulen Basin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.88

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Cottonwood River		
Final Indicator for Duane VanKeulen Basin			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Tributary to Cottonwood River		

Grant Activity - Leland Bush - BMP			
Description	2 water & sediment control basins and underground outlets to combat gully erosion.		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Aug-17	End Date	20-Nov-18
Has Rates and Hours?	No		
Actual Results	2 water and sediment control basins with underground outlet to control gully erosion.		

Activity Action - Leland Bush			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 water & sediment control basins with underground outlet to control gully erosion.		
Proposed Size / Units	695.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	695.00 LINEAR FEET	Installed Date	2-Nov-18
Mapped Activities	2 Point(s)		

Final Indicator for Leland Bush			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Highpoint Lake (27043)		
Final Indicator for Leland Bush			
Indicator Name	SEDIMENT (TSS)	Value	0.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Highpoint Lake (27043)		

Final Indicator for Leland Bush			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	0.92
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Highpoint Lake (27043)		

Grant Activity - Michael Wooge BMP			
Description	Michael Wooge		
Category	AGRICULTURAL PRACTICES		
Start Date	13-Oct-16	End Date	20-Nov-16
Has Rates and Hours?	No		
Actual Results	Two water & sediment control basins with underground outlet to control gully erosion.		

Activity Action - Michael Wooge			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2 Water & Sediment Control Basins with Underground Outlet to control gully erosion.		
Proposed Size / Units	370.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	370.00 LINEAR FEET	Installed Date	3-Nov-16
Mapped Activities	2 Point(s)		

Final Indicator for Michael Wooge			
Indicator Name	SEDIMENT (TSS)	Value	2.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 31		

Final Indicator for Michael Wooge			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2.23
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 31		

Final Indicator for Michael Wooge			
Indicator Name	SOIL (EST. SAVINGS)	Value	6.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	Judicial Ditch 31
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Grant Activity - RW-CWP-06-2015 Don Girard

Description	A streambank stabilization project consisting of 185' of riprap in the SW 1/4 of Lynd Township, Lyon County within the Redwood River watershed.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	4-May-17	End Date	19-Dec-17
Has Rates and Hours?	No		
Actual Results	Completion of a streambank stabilization project consisting of 185' of riprap to armor the bank as designed.		

Activity Action - RW-CWP-06-2015 Don Girard

Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Installation of 185' of riprap streambank protection as designed.		
Proposed Size / Units	185.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	185.00 LINEAR FEET	Installed Date	19-Dec-17
Mapped Activities	1 Line(s)		

Final Indicator for RW-CWP-06-2015 Don Girard

Indicator Name	SEDIMENT (TSS)	Value	25.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	27045		

Final Indicator for RW-CWP-06-2015 Don Girard

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	25.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	27045		

Final Indicator for RW-CWP-06-2015 Don Girard

Indicator Name	SOIL (EST. SAVINGS)	Value	25.7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	27045		

Grant Attachments

Document Name	Document Type	Description
2016 Cost Share amendment EXECUTED	Grant Agreement Amendment	
2016 SWCD Programs and Operations Grant	Grant Agreement	2016 SWCD Programs and Operations Grants - Lyon SWCD
2016 SWCD Programs and Operations Grant executed	Grant Agreement	2016 SWCD Programs and Operations Grants - Lyon SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/04/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/19/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/30/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/04/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/19/2017
Unexecuted Grant Agreement Amendment	Grant Agreement Amendment	