



## Grant All-Detail Report Cost Share 2016

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

**Grant ID** - P16-5226

**Organization** - Lyon SWCD

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

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$14,141.00	\$10,195.96	\$3,945.04
Total Match Amount	\$4,353.08	\$4,353.08	\$0.00
Total Other Funds	\$15,283.93	\$15,283.93	\$0.00
<b>Total</b>	<b>\$33,778.01</b>	<b>\$29,832.97</b>	<b>\$3,945.04</b>

\*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
Duane VanKeulen	Agricultural Practices	Landowner Fund	25% Landowner Match	\$738.46	\$738.46	12/28/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
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	Special Projects	Current State Grant	2016 - State Cost-Share Fund (Lyon SWCD)	\$575.00	\$575.00	12/19/2017	N
RW-CWP-06-2015 Don Girard	Special Projects	Other Funds	Landowner Match (25%)	\$3,151.21	\$3,151.21	12/7/2017	Y
RW-CWP-06-2015 Don Girard	Special Projects	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	2	4	370 LINEAR FEET	370 LINEAR FEET
580 - Streambank and Shoreline Protection	1	2	185 LINEAR FEET	185 LINEAR FEET
148M - Erosion Control	1	1	1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	1	1	153 LINEAR FEET	153 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)	30.43	TONS/YR

<b>PHOSPHORUS (EST. REDUCTION)</b>	30.81	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	34.58	TONS/YR

## Grant Activity

Grant Activity - Dean Faltinson			
Description	Lined Waterway		
Category	CONSERVATION DRAINAGE		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

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)		

Grant Activity - Duane VanKeulen			
Description	Duane VanKeulen		
Category	AGRICULTURAL PRACTICES		
Start Date	26-Sep-16	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results			

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 - 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	4 Point(s)		

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	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	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		

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	SPECIAL PROJECTS		
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	2 Line(s)		

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	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	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
<b>2016 SWCD Programs and Operations Grant</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Lyon SWCD
<b>2016 SWCD Programs and Operations Grant executed</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Lyon SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/03/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/19/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/19/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/04/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/20/2017

