



Grant All-Detail Report SWCD Local Capacity Services 2016

Grant Title - 2016 - SWCD Local Capacity Services (Lyon SWCD)

Grant ID - P16-2019

Organization - Lyon SWCD

Grant Awarded Amount	\$125,337.00	Grant Execution Date	2/9/2016
Required Match Amount	\$0.00	Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Anita Cauwels

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$125,337.00	\$35,226.00	\$90,111.00
Total Match Amount			\$0.00
Total Other Funds	\$22,090.00	\$22,090.00	\$0.00
Total	\$147,427.00	\$57,316.00	\$90,111.00

**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	Match
Excess Nutrients - 2016 Technician	Technical/Engineering Assistance	Current State Grant	Lyon County Water Plan	\$22,851.07	\$13,160.16	12/31/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
RW-CWP 01-2015 Kelly Carr	Streambank or Shoreline Protection	Other Funds	2016 - Local Water Management - NRBG (Lyon County)	\$5,400.00	\$5,400.00	10/7/2016	N
RW-CWP 01-2015 Kelly Carr	Streambank or Shoreline Protection	Other Funds	Landowner Contribution	\$2,312.82	\$2,312.82	10/7/2016	Y
RW-CWP 01-2015 Kelly Carr	Streambank or Shoreline Protection	Other Funds	Landowner contribution	\$4,314.18	\$4,314.18	10/7/2016	Y
RW-CWP 01-2015 Kelly Carr	Streambank or Shoreline Protection	Other Funds	Redwood River Turbidity Reduction Project	\$10,063.00	\$10,063.00	10/7/2016	N
Soil Erosion - 2016 Cost Share	Agricultural Practices	Current State Grant	Lyon County Water Plan	\$20,863.42			N
Soil Erosion - 2016 Technician	Planning and Assessment	Current State Grant	Lyon County Water Plan	\$11,425.54	\$10,287.36	12/31/2016	N
Soil Erosion- 2016 Equipment	Supplies/Equipment	Current State Grant	Lyon County Water Plan	\$47,345.90			N
Water Storage and Treatment - 2016 Technician	Technical/Engineering Assistance	Current State Grant	Lyon County Water Plan	\$22,851.07	\$11,778.48	12/31/2016	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	3	250 LINEAR FEET	250 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)	74.05	TONS/YR
PHOSPHORUS (EST. REDUCTION)	85.16	LBS/YR
SOIL (EST. SAVINGS)	74.05	TONS/YR

Grant Activity

Grant Activity - Excess Nutrients - 2016 Technician

Description	2016 - SWCD Local Capacity Services: Excess Nutrient Hours. These funds will be used to support the creation of a new technician position for Lyon SWCD. 40% of the 1.0 FTE will be funded under this activity. Staff time reviewing nutrient management plans/manure application records, runoff modeling utilizing MinnFARM analysis, compliance inspections on animal feedlots, SSTS compliance inventory, SSTS soil investigation and maintenance plans. The Lyon County Comprehensive Local Water Management Plan will guide staff workload.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	9-May-16	End Date	31-Dec-16
Has Rates and Hours?	Yes		
Actual Results	2016 Technical/Engineering Assistance staff hours to fulfill Excess Nutrients - Local Capacity Services Grant: 5/9/2016-12/31/2016- Technician: compliance inspection and runoff review on animal feedlots, review nutrient management and manure application records of feedlot producers, SSTS compliance inventory and soils investigations; 481 hrs @ \$27.36/hr = \$13,160.16. Total Technical/Engineering Assistance staff time applied to Excess Nutrients - Local Capacity Services: \$13,160.16 for 2016.		

Grant Activity - Soil Erosion - 2016 Cost Share

Description	Conservation Practices as defined in the Lyon County Comprehensive Local Water Management Plan and the 2015 Lyon SWCD Annual Plan. Practices included, but not limited to: grassed waterways (412), water & sediment control basins (638), filter strips (393), nutrient management (590), streambank/shoreland protection (580), terraces (600), and well decommissions (351). Activities will be consistent with BWSR State Cost-Share Program Policy and NRCS design specifications. These funds will be used to support the creation of a new technician position for Lyon SWCD.		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	.		

Grant Activity - Soil Erosion - 2016 Technician

Description	2016 - SWCD Local Capacity Services: Soil Erosion- Technical Assistance Hours. Hours spent conducting practice feasibility inventories (financial and technical), project documentation, and annual reporting. The Lyon County Comprehensive Local Water Management Plan will outline staff workload. Practices installation and documentation will be consistent with BWSR State Cost-Share Program Policy and NRCS design specifications. These funds will be used to support the creation of a new technician position for Lyon SWCD. 20% of the 1.0 FTE will be funded under this activity.		
Category	PLANNING AND ASSESSMENT		
Start Date	9-May-16	End Date	31-Dec-16
Has Rates and Hours?	Yes		
Actual Results	2016 Planning and Assessment staff hours to fulfill Soil Erosion - Local Capacity Services Grant: 5/9/2016-12/31/2016- Technician: on-site project feasibly, erosion control project technical assistance and implementation, documentation regarding project feasibility and planning; 376 hrs @ \$27.36/hr = \$10,287.36. Total Planning and Assessment staff time applied to Soil Erosion - Local Capacity Services: \$10,287.36 for 2016.		

Grant Activity - Soil Erosion- 2016 Equipment

Description	With the addition of 1 FTE, the District intends to purchase updated equipment to ensure staff efficiently meets the conservation goals set forth. Equipment purchases included: New Trimble R10 Survey-Grade GPS with TSC3 Data Collector and Accessories, Used 2012 GMC Sierra Single Cab Pickup.		
Category	SUPPLIES/EQUIPMENT		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Grant Activity - Water Storage and Treatment - 2016 Technician

Description	2016 - SWCD Local Capacity Services: Water Storage & Treatment Hours. Administration hours spent developing conservation easements, existing easement compliance investigations, drainage request review, and wetland restoration plan review. The Lyon County Comprehensive Local Water Management Plan will guide staff workload. These funds will be used to support the creation of a new technician position for Lyon SWCD. 40% of the 1.0 FTE will be funded under this activity.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	9-May-16	End Date	31-Dec-16
Has Rates and Hours?	Yes		
Actual Results	<p>2016 Technical/Engineering Assistance staff hours to fulfill Water Storage and Treatment - Local Capacity Services Grant: 5/9/2016-12/31/2016- Technician: easement spot check and compliance investigations, assist with easement implementation, assist with water control structure implementation, wetland technical review and restoration feasibility; 430.5 hrs @ \$27.36/hr = \$11,778.48.</p> <p>Total Technical/Engineering Assistance staff time applied to Water Storage and Treatment - Local Capacity Services: \$11,778.48 for 2016.</p>		

Grant Attachments

Document Name	Document Type	Description
2016 SWCD Local Capacity Services	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD
2016 SWCD Local Capacity Services executed	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/09/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/02/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/09/2016
Amendment executed	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD
SWCD Capacity Amendment - Lyon SWCD.docx	Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 10/28/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/09/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/08/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015