



## 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

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

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$125,337.00	\$125,337.00	\$0.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$22,090.00	\$22,090.00	\$0.00
<b>Total</b>	<b>\$147,427.00</b>	<b>\$147,427.00</b>	<b>\$0.00</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
Excess Nutrients - Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)	\$29,054.35	\$29,054.35	12/31/2017	N
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

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
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 - Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)	\$43,096.76	\$43,096.76	12/31/2017	N
Soil Erosion - Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)	\$24,460.94	\$24,460.94	12/31/2017	N
Water Storage and Treatment - Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)	\$28,724.95	\$28,724.95	12/31/2017	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
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<b>SEDIMENT (TSS)</b>	74.05	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	85.16	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	74.05	TONS/YR

## Grant Activity

Grant Activity - Excess Nutrients - Technician			
<b>Description</b>	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 (2016) and 34% of the 1.0 FTE (2017) 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.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	9-May-16	<b>End Date</b>	31-Dec-17
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>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; (2016) 481 hrs @ \$27.36/hr = \$13,160.16, (2017) 657.5 hrs @ \$28.44/hr = \$18,699.30.</p> <p>Hours Applied to Grant: \$13,160.16 (2016), \$15,894.19 (2017)</p>		

### Grant Activity - Soil Erosion - Equipment

<b>Description</b>	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 Trimble Tablet Data Collector and Accessories, Used 2012 GMC Sierra Single Cab Pickup, 2 computer monitors		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	31-Dec-17
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Equipment purchases to effectively deliver Soil Erosion workload by new technician and existing staff. Trimble R10 Survey-grade GPS with Trimble Tablet data collector and accessories (\$30,861.14), Used 2012 GMC Sierra Single Cab Pickup (\$12,000), 2 computer monitors for new technician (\$235.62)  Total equipment purchases applied to grant: \$43,096.76		

### Grant Activity - Soil Erosion - Technician

<b>Description</b>	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 (2016) & 35% of the 1.0 FTE (2017) will be funded under this activity.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	9-May-16	<b>End Date</b>	31-Dec-17
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	2016 & 2017 staff hours to fulfill Soil Erosion - Local Capacity Services Grant: 5/9/2016-12/31/2017- Technician: on-site project feasibility, erosion control project technical assistance and implementation, documentation regarding project feasibility and planning; (2016) 376 hrs @ \$27.36/hr = \$10,287.36, (2017) 694.5 hrs @ \$28.44/hr = \$19,751.58.  Hours Applied to Grant: \$10,287.36 (2016), \$14,173.58 (2017)		

## Grant Activity - Water Storage and Treatment - Technician

<b>Description</b>	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 (2016) & 30% of the 1.0 FTE (2017) will be funded under this activity.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	9-May-16	<b>End Date</b>	31-Dec-17
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	<p>Technical/Engineering Assistance staff hours to fulfill Water Storage and Treatment - Local Capacity Services Grant: 5/9/2016-12/31/2017- Technician: easement spot check and compliance investigations, assist with easement implementation, assist with water control structure implementation, wetland technical review and restoration feasibility; (2016) 430.5 hrs @ \$27.36/hr = \$11,778.48, (2017) 597 hrs @ \$28.44/hr = \$16,978.68.</p> <p>Hours Applied to Grant: \$11,778.48 (2016) &amp; \$16,946.47 (2017)</p>		

## Grant Attachments

Document Name	Document Type	Description
<b>2016 SWCD Local Capacity Services</b>	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD
<b>2016 SWCD Local Capacity Services executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/09/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/14/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/02/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 11/09/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 09/22/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/12/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 09/22/2016
<b>Amendment executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Lyon SWCD
<b>SWCD Capacity Amendment - Lyon SWCD.docx</b>	Grant	2016 - SWCD Local Capacity Services (Lyon SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 10/28/2016

Document Name	Document Type	Description
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