



## Grant All-Detail Report LWM-NRBG 2016

**Grant Title** - 2016 - Local Water Management - NRBG (Lyon County)

**Grant ID** - P16-1200

**Organization** - Lyon County

<b>Grant Awarded Amount</b>	<b>\$13,689.00</b>	<b>Grant Execution Date</b>	<b>11/3/2015</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>John Biren</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$13,689.00	\$13,689.00	\$0.00
Total Match Amount	\$2,312.82	\$2,312.82	\$0.00
Total Other Funds	\$36,893.17	\$36,893.17	\$0.00
<b>Total</b>	<b>\$52,894.99</b>	<b>\$52,894.99</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	Match
2016 - LWM - Administrative Hours	Administration /Coordination	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$2,419.77	\$2,419.77	12/31/2016	N
2016 - LWM - Administrative Hours	Administration /Coordination	Local Fund	Local Fund	\$22,515.99	\$22,515.99	12/31/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
2016 Abandoned Well Sealing	Groundwater	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$1,525.50	\$1,525.50	12/28/2016	N
2016 Environmental Fair Donation	Education/Information	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$500.00	\$500.00	5/24/2016	N
2016 Prairie Ecology Bus	Education/Information	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$3,200.00	\$3,200.00	10/11/2016	N
Application Fee - Cottonwood Shoreland Stabilization	Streambank or Shoreline Protection	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$476.10	\$476.10	9/16/2016	N
RW-CWP 01-2015 Kelly Carr	Streambank or Shoreline Protection	Current State Grant	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	Landowner Fund	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
Western Print Group	Education/Information	Current State Grant	2016 - Local Water Management - NRBG (Lyon County)	\$167.63	\$167.63	6/14/2016	N

## Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	1	1 COUNT	0 COUNT
100M - Presentations	6	0	1 COUNT	0 COUNT
580 - Streambank and Shoreline Protection	1	3	250 LINEAR FEET	250 LINEAR FEET
351 - Well Decommissioning	7	1	1 COUNT	0 COUNT

### 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
PREVENTION	9.00	COUNT
SOIL (EST. SAVINGS)	74.05	TONS/YR

## Grant Activity

Grant Activity - 2016 - LWM - Administrative Hours			
Description	2016 - LWM - Administrative Hours		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-16	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	<p>2016 Local Water Management (all staff):</p> <p>Admin/staff hours to fulfill Local Water Management Grant: 1/01/2016-12/31/2016- District Manager: discussions/meetings for water planning 28 hrs @ \$61.25/hr = \$1,715.00 Assistant Manager: discussions/meetings for water planning; 8 hrs @ \$48.09/hr = \$384.72</p> <p>District Tech: discuss projects with landowners, site visits to properties, surveying land for best management projects; 591 hrs @ \$33.40/ hr = \$19,739.40</p> <p>Admin. Assist: implement water plan activities and assist other staff; 144.5 hrs @ \$21.43/hr = \$3,096.64.</p> <p>Total Local Water Management applied: \$24,935.76</p>		

**Grant Activity - 2016 Abandoned Well Sealing**

<b>Description</b>	Adam Hoffmann - Well Sealing Annette Gades - Well Sealing Duane Louwagie - Well Sealing Leroy Johnson - Well Sealing Sherwin Skar - Well Sealing Mari Hendrickson - Well Sealing Mark DeBeers- Well Sealing		
<b>Category</b>	GROUNDWATER		
<b>Start Date</b>	1-Jan-16	<b>End Date</b>	31-Dec-16
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Decommissioned Wells for 2016.		

<b>Activity Action - Adam Hoffmann - Well Sealing</b>			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>	Well Sealing - SWCD Board Approved 9-26-16		
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	26-Aug-16
<b>Mapped Activities</b>	1 Point(s)		

<b>Final Indicator for Adam Hoffmann - Well Sealing</b>			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Unknown
<b>Waterbody</b>	Groundwater		

Activity Action - Annette Gades - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Decommissioned Well - SWCD Board Approved 6-27-16.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	17-May-16
Mapped Activities	1 Point(s)		

Final Indicator for Annette Gades - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Activity Action - Duane Louwagie - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Decommissioned Well - SWCD Board Approved 12-27-16		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	12-Oct-16
Mapped Activities	1 Point(s)		

Final Indicator for Duane Louwagie - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Activity Action - Leroy Johnson - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Decommissioned well. SWCD Board Approved 8-23-16		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	1-Jul-16
Mapped Activities	1 Point(s)		

Final Indicator for Leroy Johnson - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown

<b>Waterbody</b>	Groundwater
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Activity Action - Sherwin Skar - Well Sealing			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>	Decommissioned Well - SWCD Board Approved 12-27-16		
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	1-Dec-16
<b>Mapped Activities</b>	1 Point(s)		

Final Indicator for Sherwin Skar - Well Sealing			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Unknown
<b>Waterbody</b>	Groundwater		

Activity Action - Mari Hendrickson - Well Sealing			
<b>Practice</b>	351 - Well Decommissioning	<b>Count of Activities</b>	1
<b>Description</b>	Decommissioned Well - SWCD Board Approved 12-27-16.		
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	In Perpetuity
<b>Actual Size/Units</b>	COUNT	<b>Installed Date</b>	10-Nov-16
<b>Mapped Activities</b>	1 Point(s)		

Final Indicator for Mari Hendrickson - Well Sealing			
<b>Indicator Name</b>	PREVENTION	<b>Value</b>	1
<b>Indicator Subcategory/Units</b>	POLLUTION PREVENTION COUNT	<b>Calculation Tool</b>	Unknown
<b>Waterbody</b>	Groundwater		

Activity Action - Mark DeBeers - Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Decommissioned Well- SWCD Board Approved 10-24-16.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	COUNT	Installed Date	1-Oct-16
Mapped Activities	1 Point(s)		

Final Indicator for Mark DeBeers - Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Grant Activity - 2016 Environmental Fair Donation			
Description	2016 Environmental Fair Donation		
Category	EDUCATION/INFORMATION		
Start Date	28-Sep-16	End Date	29-Sep-16
Has Rates and Hours?	No		
Actual Results	District Donation for Environmental Fair in Murray County.		

Grant Activity - 2016 Prairie Ecology Bus			
Description	2016 Prairie Ecology Bus		
Category	EDUCATION/INFORMATION		
Start Date	1-Jan-16	End Date	31-Dec-16
Has Rates and Hours?	No		
Actual Results	Prairie Ecology Bus visited Camden State Park with Marshall Middle School Students to do Water Quality Testing and also visited Tracy Elementary School and RTR Middle School to do presentations.		



Activity Action - Prairie Ecology Bus Center - Marshall Middle School			
Practice	100M - Presentations	Count of Activities	3
Description	Water Quality Testing with Marshall Middle School Students at Camden State Park - May 6, 9-10, 2016.		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	6-May-16
Mapped Activities	No		

Final Indicator for Prairie Ecology Bus Center - Marshall Middle School			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Activity Action - Prairie Ecology Bus Center - Tracy Elementary			
Practice	100M - Presentations	Count of Activities	1
Description	Prairie Ecology Bus Program - 1 Day Sponsorship for Presentation for Tracy Elementary. 9-14-16		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	14-Sep-16
Mapped Activities	No		

Final Indicator for Prairie Ecology Bus Center - Tracy Elementary			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Unknown
Waterbody	Groundwater		

Activity Action - Prairie Ecology Bus Center - RTR Middle School			
Practice	100M - Presentations	Count of Activities	1
Description	Prairie Ecology Bus Center - 1 Day Sponsorship for presentation to RTR Middle School. 10-7-16		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	7-Oct-16
Mapped Activities	No		

**Grant Activity - Application Fee - Cottonwood Shoreland Stabilization**

Description	Application Fee - Cottonwood Shoreland Stabilization		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	14-Sep-16	End Date	14-Oct-16
Has Rates and Hours?	No		
Actual Results	Cottonwood Lake Inlet Stabilization - Water Permit Invoice/Application Fee. Cost, Shoreline and/or volume feed for Riprap, Erosion Control/Stabilization Fill & Grading. Payment to MN DNR-OMB.		

<b>Activity Action - Water Permit</b>			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Water Permit Invoice		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	
Mapped Activities	1 Line(s)		

**Grant Activity - RW-CWP 01-2015 Kelly Carr**

Description	Installation of a streambank stabilization project on the Redwood River in Section 19 of Lyons Township, Lyon County.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	10-Dec-15	End Date	07-Oct-16
Has Rates and Hours?	No		
Actual Results	Installation of a 250' streambank stabilization as designed.		

Activity Action - RW-CWP 01-2015 Kelly Carr			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Installation of 250' of streambank protection		
Proposed Size / Units	250.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	250.00 LINEAR FEET	Installed Date	7-Oct-16
Mapped Activities	3 Line(s)		

Final Indicator for RW-CWP 01-2015 Kelly Carr			
Indicator Name	SOIL (EST. SAVINGS)	Value	74.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	27043		

Final Indicator for RW-CWP 01-2015 Kelly Carr			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	85.16
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	27043		

Final Indicator for RW-CWP 01-2015 Kelly Carr			
Indicator Name	SEDIMENT (TSS)	Value	74.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	27043		

Grant Activity - Western Print Group			
Description	Western Print Group		
Category	EDUCATION/INFORMATION		
Start Date	14-Jun-16	End Date	14-Jun-16
Has Rates and Hours?	No		
Actual Results	5 Full Color Watershed Plans for One Watershed One Plan. Presented to the Lyon SWCD Supervisors and the Lyon County Commissioners.		

Activity Action - Western Print Group			
Practice	100M - Presentations	Count of Activities	1
Description	5 Watershed Plans for One Watershed One Plan for Lyon SWCD Supervisors and Lyon County Commissioners.		
Proposed Size / Units	1.00 COUNT	Lifespan	Unknown
Actual Size/Units	COUNT	Installed Date	14-Jun-16
Mapped Activities	No		

### Grant Attachments

Document Name	Document Type	Description
<b>2016 Natural Resources Block Grant</b>	Grant Agreement	2016 Natural Resources Block Grant - Lyon County
<b>2016 Natural Resources Block Grant executed</b>	Grant Agreement	2016 Natural Resources Block Grant - Lyon County
<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 - 02/05/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/12/2017
<b>LWM Financial Report</b>	Grant	2016 - Local Water Management - NRBG (Lyon County)