



## Grant All-Detail Report SWCD Local Capacity Services 2016

**Grant Title** - 2016 - SWCD Local Capacity Services (Nobles SWCD)

**Grant ID** - P16-2062

**Organization** - Nobles SWCD

<b>Grant Awarded Amount</b>	<b>\$120,337.00</b>	<b>Grant Execution Date</b>	<b>2/8/2016</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>John Shea</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$120,337.00	\$119,451.97	\$885.03
Total Match Amount	\$16,713.00	\$16,713.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$137,050.00</b>	<b>\$136,164.97</b>	<b>\$885.03</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
Riparian Zone Management- 2016 Supplies/Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)	\$20,120.00	\$20,120.00	7/11/2016	N
Riparian Zone Management- 2016 Supplies/Equipment	Supplies/Equipment	Local Fund	Local Match	\$16,713.00	\$16,713.00	7/11/2016	Y
Soil Erosion- 2016 Survey Equipment	Supplies/Equipment	Current State Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)	\$35,806.97	\$35,806.97	9/9/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Soil Erosion- 2016 Technician	Technical/Engineering Assistance	Current State Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)	\$63,285.03	\$62,400.00	5/17/2017	N
Soil erosion - 2016 - costshare assistance	Agricultural Practices	Current State Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)	\$1,125.00	\$1,125.00	1/18/2017	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
638 - Water and Sediment Control Basin	0	0	7 COUNT	0 COUNT
638 - Water and Sediment Control Basin	0	0	2 COUNT	0 COUNT
638 - Water and Sediment Control Basin	1	2	2 COUNT	2 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)	1.00	TONS/YR
PREVENTION	1.00	COUNT
PHOSPHORUS (EST. REDUCTION)	1.00	LBS/YR
NUTRIENTS (NITRATE)	1.00	LBS/YR

## Grant Activity

Grant Activity - Riparian Zone Management- 2016 Supplies/Equipment			
Description	Riparian Zone-2016- supplies/Equipment		
	<p>County Comprehensive Local Water Management Plan</p> <p>Funds will be spent on an additional Drill to help with establishment of Buffers it a timely matter and within seeding deadlines. The Truax drill will be used by local landowners to establish grasses along waterways and other habitat projects working with CRP, EQIP, CSP, RIM, state costshare, local watershed projects and local habitat/ wildlife groups. the addition of this equipment will allow us to double our services that already exist and help twice as many landowners per planning season. with this addition we anticipate 800 more acres of BMP and habitat established per planning season. Actual drill cost will be closer to \$36,000.00 the SWCD plans to partner money with surrounding Watersheds and Nobles County environmental services.</p>		
Category	SUPPLIES/EQUIPMENT		
Start Date	11-Jul-16	End Date	11-Jul-16
Has Rates and Hours?	No		
Actual Results	<p>Funds will be partnered with The Local Watershed Districts and outdoor clubs along with Nobles County dollars to purchase and the SWCD will do all maintenance</p> <p>Nobles SWCD was a large partnership with the Nobles co Pheasants Forever, Okabena Ocheda Watershed District, Heron Lake Watershed District &amp; the Kanaranzi Little Rock Watershed District. We partnered money from all of the about listed and purchased a second no till drill to rent to producers at a fare rate to help them get buffers established with in the short time frame of the new buffer law. As of today we have had and additional 15 producers and approximately 250 acres of habitat and water quality projects planted in a timely manner that wouldn't of had the opportunity without the additional drill.</p> <p>The total cost of the drill was \$36,833.00. We received \$16,000 in match funds from local partners and paid the remaining amount from our SWCD funds.</p>		

**Grant Activity - Soil Erosion- 2016 Survey Equipment**

<b>Description</b>	Local Capacity Survey Equipment		
	County Comprehensive Local Water Management Plan		
	Funds will be spent on a new GPS survey equipment and software used to make local staff more efficient in their day to day activities. With staff time needing to be used more efficiently this equipment will allow less staff time per single project making it easier to get more BMPs on the ground reducing the total sediment and nutrients getting into the surface water. with this equipment we feel that we can work with 20% more farmers and contractors per construction season with better and faster results.		
<b>Category</b>	SUPPLIES/EQUIPMENT		
<b>Start Date</b>	25-Mar-16	<b>End Date</b>	25-Mar-16
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Nobles SWCD purchased GPS Total Station at value of \$34,566.09		
	Verizon MiFi was purchased in 2016		
	GPS mounting equipment was purchased in 2017 for the Gator side-by-side. \$483.50		

**Grant Activity - Soil Erosion- 2016 Technician**

<b>Description</b>	Soil Erosion - 2016 Technician		
	County Comprehensive Local Water Management Plan		
	Funds will be used to partner with 2 surrounding counties to hire a TSA technician that will work in Nobles, Murray, and Pipestone counties. objective to get BMP's placed in a more timely matter. with 3 counties supporting this position there will be more money for projects in each county and more BMP's added each year. with the partnering of money Nobles county will be able to get 30% more projects per year installed. With this plan next years budget for this position will be closer to \$25000 with the equipment already purchased and possible adding a year to service in 2018 to continue the needed staff for the current workload.		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	8-Feb-16	<b>End Date</b>	01-Jan-17
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Billable Rate for the this position will be \$26.44-\$32.50 with 2080 hrs. included in the hiring of this person is a computer and software \$13000, Pickup \$20000, survey equipment \$27000.		

**Grant Activity - Soil erosion - 2016 - costshare assistance**

<b>Description</b>	Local capacity- Cost share program		
	Nobles county Local water Management Plan		
	Provide Cost share on structural practices to reduce soil erosion and improve water quality. Practices will be consistent with state cost share policy and cost share for approved costs will not exceed 75%.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	8-Feb-16	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Rebuild BMP's that have outlived life expectancy and bringing them to modern standards and specs. 2016 2 sediment basins rebuilt to design-\$1125		

Activity Action - 2016-Local Capacity-01-Blume Cancelled			
Practice	638 - Water and Sediment Control Basin	Count of Activities	0
Description	Cleanout 7 Basins - Project cancelled		
Proposed Size / Units	7.00 COUNT	Lifespan	10 Years
Actual Size/Units	0.00 COUNT	Installed Date	
Mapped Activities	No		

Activity Action - 2016-Local Capacity-02-Blume Cancelled			
Practice	638 - Water and Sediment Control Basin	Count of Activities	0
Description	Cleanout 2 basins, Project cancelled per landowner		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	0.00 COUNT	Installed Date	
Mapped Activities	No		

Activity Action - 2016-Local Capacity-03-Blume			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description	re-build to NRCS specs 2 basins; payment approved 1-18-17		
Proposed Size / Units	2.00 COUNT	Lifespan	10 Years
Actual Size/Units	2.00 COUNT	Installed Date	28-Dec-16
Mapped Activities	2 Point(s)		

Final Indicator for 2016-Local Capacity-03-Blume			
Indicator Name	SEDIMENT (TSS)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	O and O WSD		

Final Indicator for 2016-Local Capacity-03-Blume			
Indicator Name	NUTRIENTS (NITRATE)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	O and O WSD		

Final Indicator for 2016-Local Capacity-03-Blume			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	O&O WSD		
Final Indicator for 2016-Local Capacity-03-Blume			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	Okabean Ocheda WSD		

## Grant Attachments

Document Name	Document Type	Description
<b>2016 SWCD Local Capacity Services</b>	Grant Agreement	2016 SWCD Local Capacity Services - Nobles SWCD
<b>2016 SWCD Local Capacity Services executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Nobles SWCD
<b>2016 local capacity ammendment</b>	Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/13/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/27/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/27/2017
<b>Amendment executed</b>	Grant Agreement	2016 SWCD Local Capacity Services - Nobles SWCD
<b>Financial Report</b>	Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)
<b>Nobles SWCD CY16 ELink Reporting Needs 1</b>	Journal	Journal Dated - 02/27/2017
<b>P16-2062 Checklist</b>	Journal	Journal Dated - 04/03/2017
<b>SWCD Capacity Amendment - Nobles SWCD.docx</b>	Grant	2016 - SWCD Local Capacity Services (Nobles SWCD)
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 07/20/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 04/12/2017
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 09/22/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 07/15/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/15/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/14/2016
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 12/30/2015

Document Name	Document Type	Description
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/29/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 11/30/2015