



# Grant All-Detail Report

## Drainage Ditch Inventory and Inspection (SEDLCP) 2014

**Grant Title** - Kittson County Drainage Ditch Inventory and Inspection

**Grant ID** - C14-9915

**Organization** - Kittson SWCD

Grant Awarded Amount	\$10,000.00	Grant Execution Date	
Required Match Amount	\$2,500.00	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Darren Carlson

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$10,000.00	\$0.00	\$10,000.00
Total Match Amount	\$2,500.00	\$1,650.00	\$850.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$12,500.00</b>	<b>\$1,650.00</b>	<b>\$10,850.00</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
Kittson County SEDLC Administration	Administration /Coordination	Current State Grant	Kittson County Drainage Ditch Inventory and Inspection	\$1,000.00			N
Kittson County SEDLC Administration	Administration /Coordination	Local Fund	Kittson SWCD Project Development (Match)	\$1,000.00	\$150.00	12/31/2014	Y
Kittson County SEDLC Mapping & Inventory	Inventory/Mapping	Current State Grant	Kittson County Drainage Ditch Inventory and Inspection	\$7,000.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Kittson County SEDLC Mapping & Inventory	Inventory/Mapping	Local Fund	Kittson SWCD Match	\$1,500.00	\$1,500.00	12/31/2014	Y
Kittson County SEDLC Project Development	Project Development	Current State Grant	Kittson County Drainage Ditch Inventory and Inspection	\$2,000.00			N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
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### Indicators Summary

Indicator Name	Total Value	Unit
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### Grant Activity

Grant Activity - Kittson County SEDLC Administration			
Description	Kittson SWCD District Manager and District Coordinator will be responsible for all elink, website and final reporting documents for the project. In addition, the District Manager is responsible for time tracking of local staff for this project. The Kittson SWCD District Manager will coordinate the project and provide the data to local staff to complete all BWSR reporting requirements within Elink.		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jun-14	End Date	
Rates and Hours			
Actual Results	As of 12/31/14, 5 hours have been used to for program/reporting requirements in ELINK and website reporting.		

## Grant Activity - Kittson County SEDLC Mapping & Inventory

Description	<p>The Kittson SWCD and potentially the Kittson County Highway Department will perform site visits for Kittson County Ditches 22, 27, 21 and State Ditch 1. Half section aerial maps will first be created before site visits are performed. With maps in hand, Kittson SWCD will use 4-wheelers/walk the above mentioned ditches identifying where Side Water Inlets (SWI), grass filter strips, Streambank Stabilization projects and other Ag BMPs practices could be installed to improve water quality. These areas will have pictures taken, mapped on the aerial photography for future observation and to assist with mailing/phone conversations with landowners. An excel spreadsheet will be created in assisting with what practices should go where, how big, estimate of cost to install and other pertinent information.</p> <p>A typical site visit will consist of filling out the field inventory worksheet, pictures taken, and area marked on an aerial map. When the Kittson SWCD staff member returns to the office that data will be entered into an excel spreadsheet, area marked on ArcMap and pollution reduction calculation will be ran for the site. Prioritizations of the erosion areas will take place by how much sediment is be washed away, danger to infrastructure, work group prioritization and cost estimate for an Ag BMP practice to be established. A pollution reduction tool will be used to determine the amount of sediment lost and what Ag BMP practice will work the best to fix the erosion. The use of the pickup will be charged at the current IRS mileage rate (\$0.56/mile) and the 4 wheeler at the agreed upon hourly rate of \$22/hour. Kittson SWCD will share/present the results of the inventory to the Kittson County Commissioners and or Kittson County Highway Department. By sharing with them this information, the Kittson SWCD hopes this inventory will help prioritize Ag BMP projects for implementation in the years to come on these vital ditch systems.</p>		
Category	INVENTORY/MAPPING		
Start Date	1-Jun-14	End Date	
Rates and Hours			
Actual Results	As of 12/31/14 greater than 70 hours has been used for match for this grant activity. Activities have included preparing aerial maps for State Ditch 1 prior to site visits, ground trothing and documenting findings for State Ditch 1 and organizing findings into a database.		

Activity Action - Kittson County Ditch 21, 22, 27 & State Ditch 1 Inventory			
Practice	304M - Drainage System Inventory	Count of Activities	22
Description	Miles		
Proposed Size / Units	22	Lifespan	1 Year
Actual Size/Units		Installed Date	

## Grant Activity - Kittson County SEDLC Project Development

Description	<p>A work group (potentially consisting of Kittson SWCD staff, Natural Resources Conservation Services, Kittson County Highway Dept., Kittson County Commissioners, Two Rivers Watershed District and Farm Service Agency) will be formed to gather for meetings regarding implementation of the grant and ultimately determine methods to inventory these Kittson County Ditches.</p> <p>A Memorandum of Understanding (MOU) will be created with Kittson County Ditch Authority to outline duties and responsibilities of this grant. A field inventory worksheet will be created to fill out while in the field. These inventory sheets will be entered a database/ArcMap Template at the Kittson SWCD office.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	1-Jun-14	End Date	
Rates and Hours			
Actual Results	No funds for this grant activity was used in 2014.		

## Grant Attachments

Document Name	Document Type	Description
2014 Competitive Grant	Grant Agreement	2014 Competitive Grant - Kittson SWCD
2014 Competitive Grant executed	Grant Agreement	2014 Competitive Grant - Kittson SWCD
ATV Rate Documentation	Grant	Kittson County Drainage Ditch Inventory and Inspection
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/13/2015
Application	Workflow Generated	Workflow Generated - Application - 12/11/2013
SR_loc_11331.jpg	Grant	Kittson County Drainage Ditch Inventory and Inspection
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/20/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/13/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/24/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/17/2014
grantmap_11331_2013-12-10_10-56-27-AM.jpg	Grant	Kittson County Drainage Ditch Inventory and Inspection