



Grant All-Detail Report

Drainage Ditch Inventory and Inspection (SEDLCP) 2014

Grant Title - 2014 Red Lake County Drainage Ditch Inventory and Inspection

Grant ID - C14-6285

Organization - Red Lake SWCD

Grant Awarded Amount	\$10,930.00	Grant Execution Date	
Required Match Amount	\$2,732.50	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Tanya Hanson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$10,930.00	\$8,488.99	\$2,441.01
Total Match Amount	\$2,732.50	\$1,500.00	\$1,232.50
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$13,662.50	\$9,988.99	\$3,673.51

*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
Administration/Coordination	Administration /Coordination	Current State Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection..	\$1,580.00	\$1,462.18	12/31/2015	N
Administration/Coordination	Administration /Coordination	Local Fund	Red Lake County SWCD - Local Match	\$592.50			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Inventory and Inspection	Inventory/Mapping	Current State Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection..	\$8,560.00	\$6,236.81	12/31/2015	N
Inventory and Inspection	Inventory/Mapping	Local Fund	Red Lake County SWCD - Local Match	\$2,140.00	\$1,500.00	12/31/2015	Y
Project Development	Project Development	Current State Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection..	\$790.00	\$790.00	10/30/2015	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
304M - Drainage System Inventory	1	0	291 COUNT	291 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
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Grant Activity

Grant Activity - Administration/Coordination			
Description	The Red Lake County SWCD District Manager will be responsible for all eLink, website, and final reporting documents for the project. The Red Lake County SWCD District Manager will coordinate the project, provide the data needed to complete all BWSR project requirements, and track all of the financial documentation of this project.		
Category	ADMINISTRATION/COORDINATION		
Start Date	21-Mar-14	End Date	
Has Rates and Hours?	Yes		
Actual Results	<p>The Red Lake County SWCD District Manager has been responsible for all eLink, website, and final reporting documents for the project.</p> <p>The Red Lake County SWCD District Manager has been coordinating the project, provides the data needed to complete all BWSR project requirements, and tracks all of the financial documentation of this project.</p> <p>An MOA was developed and signed by Red Lake County, Red Lake Watershed District, and the Red Lake County SWCD.</p> <p>Inventory and Inspection work began in January of 2015 and has continued through the year.</p> <p>Administration expenditures identified in this details report is through 10/31/2015.</p>		

Grant Activity - Inventory and Inspection	
Description	<p>Red Lake County SWCD District Manager and District Technician will conduct a county-wide field inventory of Chapter 103E drainage ditches where erosion, sediment, and/or nutrient contribute substantially to water quality degradation, and prioritize sites for side water inlet structures and/or buffer strip implementation.</p> <p>There are approximately 291 miles of public drainage systems that will be inventoried/inspected through this grant process in Red Lake County. Red Lake County SWCD staff will begin inventorying the Judicial Ditch Systems (116 miles) first and then proceed to the County Ditch Systems (175 miles). Field data collection will include, but not be limited to, GPS points, pictures, and documentation of whether the site needs a buffer strip or a side water inlet to correct runoff concerns. The information gathered in the field will be entered into the excel spreadsheet. Prioritization will be determined by staff from Red Lake SWCD, Red Lake County, and Red Lake WD by using tools including, but not limited to in-field data, stream power index, HSPF and SWAT models, and the water quality decision support tool.</p> <p>A vehicle will be used to perform the inventory and the District will be charging the IRS mileage rate.</p> <p>Red Lake SWCD will present the information to Red Lake County Ditch Authority and the RLWD and explain how it can be used to prioritize implementation of side water inlets and buffer strips.</p>
Category	INVENTORY/MAPPING
Start Date	21-Mar-14
End Date	
Has Rates and Hours?	Yes
Actual Results	<p>Red Lake County SWCD staff has printed maps using the International Waters Institute - Water Quality Decision Support Tool to identify high priority areas where Side Water Inlet Structures can be installed along County Drainage Ditch Systems.</p> <p>This tool was used to collect data during the winter months, then during the summer months the sites that were identified as high priority were checked for accuracy.</p> <p>Field work began in August of 2015 and was collected through November 2015. All of the field data has been collected in the Red Lake River Watershed except for four miles.</p> <p>Inventory and Inspection expenditures identified in this details report is through 11/30/2015.</p>

Activity Action - Inventory and Inspection			
Practice	304M - Drainage System Inventory	Count of Activities	1
Description	The actual size is in miles.		
Proposed Size / Units	291.00 COUNT	Lifespan	5 Years
Actual Size/Units	291.00 COUNT	Installed Date	

Grant Activity - Project Development			
Description	<p>A formal agreement (MOU) will be developed between Red Lake County SWCD, Red Lake County Ditch Authority and the RLWD. In that agreement, it will state what each agency will be responsible for and what involvement their agency will have in the grant process. The MOU will be reviewed by legal counsel and approved by the LGU boards.</p> <p>Red Lake County SWCD staff will develop a field inventory sheet to collect field data. An excel spreadsheet will also be created to organize and manage the information gathered. Red Lake County SWCD staff will develop a mileage record keeping sheet to track mileage for the project.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	21-Mar-14	End Date	31-Dec-14
Has Rates and Hours?	Yes		
Actual Results	<p>SWCD staff have met with contiguous counties to work on field data sheets, discussed the idea of using an iPad out in the field to collect the data. An attribute table was developed by Pennington SWCD.</p> <p>Red Lake County SWCD is looking into purchasing an iPad and using the same attribute table that Pennington SWCD developed to collect data out in the field with funding received from the 2015 BWSR Clean Water Fund Drainage Ditch Inventory and Inspection Grant.</p> <p>Project Development expenditures identified in this details report is through 10/31/2015. All of the Project Development funds have been spent for this grant.</p>		

Grant Attachments

Document Name	Document Type	Description
12-31-2015 Financial Report	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection

Document Name	Document Type	Description
2014 Competitive Grant	Grant Agreement	2014 Competitive Grant - Red Lake SWCD
2014 Competitive Grant executed	Grant Agreement	2014 Competitive Grant - Red Lake SWCD
2014 Financial Report	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection
2015 Financial Report	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/10/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/08/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/10/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/30/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/29/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/10/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/08/2015
Application	Workflow Generated	Workflow Generated - Application - 12/12/2013
Red Lake County Ditch Systems Map	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection
SR_loc_11312.jpg	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/13/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/04/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/24/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/04/2014
grantmap_11312_2013-12-11_11-27-48-AM.jpg	Grant	2014 Red Lake County Drainage Ditch Inventory and Inspection