



Grant All-Detail Report

Drainage Ditch Inventory and Inspection (SEDLCP) 2014

Grant Title - Ditch inventory and Inspection Database

Grant ID - C14-1338

Organization - Sauk River WD

Grant Awarded Amount	\$49,350.00	Grant Execution Date	
Required Match Amount	\$12,337.50	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Lynn Nelson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$49,350.00	\$49,349.57	\$0.43
Total Match Amount	\$12,800.00	\$42,041.71	\$-29,241.71
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$62,150.00	\$91,391.28	\$-29,241.28

*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
Develop Inspection plan and standard protocols	Planning and Assessment	Current State Grant	Ditch inventory and Inspection Database	\$12,850.00	\$9,176.05	12/31/2017	N
Develop Inspection plan and standard protocols	Planning and Assessment	Local Fund	SRWD Staff Matching Funds	\$4,800.00	\$11,294.04	7/18/2017	Y
Drainage DB	Project Development	Current State Grant	Ditch inventory and Inspection Database	\$25,000.00	\$23,438.53	9/19/2017	N
Drainage Ditch Inventory	Planning and Assessment	Current State Grant	Ditch inventory and Inspection Database	\$5,000.00	\$12,045.49	12/29/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
DrainageDB	Agricultural Practices	Landowner Fund	Landowner Matching Funds	\$4,000.00	\$16,482.11	12/29/2017	Y
DrainageDB	Agricultural Practices	Local Fund	SRWD Matching Funds	\$4,000.00	\$14,265.56	7/27/2017	Y
Inspection Module	Project Development	Current State Grant	Ditch inventory and Inspection Database	\$6,500.00	\$4,689.50	12/29/2017	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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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 - Develop Inspection plan and standard protocols	
Description	SRWD will develop a plan for public drainage system inspections according to requirements in state statute 103E. SRWD will develop standard protocols for inspections to coordinate with drainage database.
Category	PLANNING AND ASSESSMENT
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	<p>2017: SRWD Staff finalized the inspection protocol.</p> <p>2016: SRWD had a change over in staff. The new SRWD Ditch Inspector is working with local ditch authorities on finalizing the draft inspection protocol. Draft version went to SRWD Board for approval. The SRWD requested and received a one year contract extension to complete the remaining task with new staff.</p> <p>2015: Staff has begun developing the protocol for inspection and consulting with other local ditch authorities to create a effective process. Staff conducted project tracking of expenditures.</p> <p>2014 Staff worked with RESPEC to develop an assessment tool that is compatible with the county to reduce error when transferring data and information for annual ditch assessments.</p>

Grant Activity - Drainage DB	
Description	Development of web-based drainage database for archiving historical and procedural information related to the drainage management system of SRWD concern. The SRWD will be working with a consultant to develop and modify this tool.
Category	PROJECT DEVELOPMENT
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	<p>2017: Completed the inspection link and field app to include photos and maps.</p> <p>2016 : New staff reviewed the database and is working with Houston to include a separate Inspection tab and links to GIS Maps and survey data.</p> <p>2015: Worked with Houston Engineering to develop the web-based drainage database. SRWD staff will be working with the Database to populate archive data related to each drainage management system. Staff will work with Houston to modify Database as needed.</p>

Grant Activity - Drainage Ditch Inventory	
Description	SRWD will work with consultants to inventory drainage ditch systems and identify priority side inlet and buffer strip needs, violations of existing buffer strip requirements, as well as potential areas for additional standard practices for water quality improvement and erosion stabilization. All inspections will be completed using standard protocols and plans for inspection developed in additional activities.
Category	PLANNING AND ASSESSMENT
Start Date	1-Apr-14 End Date
Has Rates and Hours?	No
Actual Results	2017: completed the ditch inventories by field inspections and drone flyover, especially areas that could not be accessed. 2016: New ditch staff has been inspecting ditches, documenting information and working with field module to upload inspection data to web database. 2015: Staff have been out inspecting ditches, surveying and documenting site conditions and recommendations.

Grant Activity - DrainageDB	
Description	The SRWD will work with a consultant to develop and modify DrainageDB to SRWD specifications. Information specific to the SRWD will be provided to the consultant and necessary modifications will be made.
Category	AGRICULTURAL PRACTICES
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	

Grant Activity - Inspection Module

Description	Work with consultant to develop SRWD specific inspection module for drainage database. This tool will work as a smartphone application to allow efficient tracking of information in the field and direct upload to database.		
Category	PROJECT DEVELOPMENT		
Start Date	1-Apr-14	End Date	
Has Rates and Hours?	Yes		
Actual Results	2017: Completed the inspection sheets and app for the field staff to complete on site and upload to database. 2016 working with Houston to get inspection sheets and other documents upload to Ipad and apps for the Ipad. 2015: SRWD purchased an Ipad and case to use for direct upload during field inspections.		

Grant Attachments

Document Name	Document Type	Description
2014 Competitive Grant	Grant Agreement	2014 Competitive Grant - Sauk River WD
2014 Competitive Grant executed	Grant Agreement	2014 Competitive Grant - Sauk River WD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/11/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/20/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2015
Amendment	Grant	Ditch inventory and Inspection Database
Application	Workflow Generated	Workflow Generated - Application - 12/11/2013
Financial Report	Grant	Ditch inventory and Inspection Database
SRWD Public Drainage Systems - Benefitted Areas	Grant	Ditch inventory and Inspection Database
SR_loc_11403.jpg	Grant	Ditch inventory and Inspection Database
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/03/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/03/2014
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/24/2014
grantmap_11403_2013-11-27_11-37-13-AM.jpg	Grant	Ditch inventory and Inspection Database

