



Grant All-Detail Report 2013 - Accelerated Implementation Grant

Grant Title - 2013 - Accelerated Implementation Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)

Grant ID - C13-2040

Organization - Redwood-Cottonwood Rivers Control Area

Grant Awarded Amount	\$52,600.00	Grant Execution Date	
Required Match Amount	\$13,150.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$52,600.00	\$13,212.07	\$39,387.93
Total Match Amount	\$18,000.00	\$6,735.78	\$11,264.22
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$70,600.00	\$19,947.85	\$50,652.15

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 - RCRCA Accelerated Implementation - Grant Administration	Administration /Coordination	Current State Grant	2013 - Accelerated Implementation Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$2,600.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 - RCRCA Accelerated Implementation - Grant Administration	Administration /Coordination	Local Fund	2013 - Organizational Match - Acc. Imp. Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$18,000.00	\$6,735.78	12/13/2013	Y
2013 - RCRCA Accelerated Implementation - Technical and Engineering Initiative	Technical/Engineering Assistance	Current State Grant	2013 - Accelerated Implementation Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)	\$50,000.00	\$13,212.07	12/13/2013	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 - 2013 - RCRC Accelerated Implementation - Grant Administration		
Description	Administrative and coordinating activities to include grant management, financial oversight, and program execution reporting. Activities to include oversight of activities to comply with work plan and grant agreement to meet projects goals, prepare annual reports, payment requests, and final reporting, coordination of time sheet and accounts tracking designation for grant related activities. Persons Responsible: Douglas Goodrich, Joy Bruns	
Category	ADMINISTRATION/COORDINATION	
Start Date	4-Mar-13	End Date
Rates and Hours		
Actual Results	The annual report for elink and website summary reports were completed. Tracking of time and expenses were also completed.	

Grant Activity - 2013 - RCRA Accelerated Implementation - Technical and Engineering Initiative

Description	<p>The project will create maps using precision LIDAR DEM data to refine TMDL priority sub-watersheds for BMP implementation in RCRA member counties and watersheds.</p> <p>The project will employ a GIS technician at roughly .5 FTE/yr over two years to procure and analyze Light Detection and Ranging (LIDAR) Digital Elevation Model (DEM) datasets using ESRI's ArcMap 9.3 for Geographic Information Systems (GIS) and Spatial Analyst Extension. LIDAR datasets will have to be hydrologically corrected before analysis to account for culverts and bridges which may require ground truthing in some instances. Staff technicians have been trained in the methodology of GIS based LIDAR data analysis using variables such as stream gradient, erodibility, land use, soils, and slope. Using the LIDAR data in GIS, the elevation data can be spatially analyzed to create new data sets for the sub-sheds within the Redwood and Cottonwood Rivers that have been described as priority areas in TMDL reports and county water plans. LIDAR data provides a precise model of the relief of land surfaces. Methods for using the precision data in GIS systems to create datasets including the (SPI) Stream Powers Index, (CTI) Compound Topographic Index, (SCA) Specific Catchment Areas, (CSA) Critical Source Areas, and the like have been developed and ground tested for effectiveness of determining sediment and pollution movement potential when compared to ground truthing and surveying areas for completeness.</p> <p>Major Activities:</p> <ul style="list-style-type: none"> - LiDAR data procurement and preparation: (March, 2013) - LiDAR data analysis and hydrologic correcting for culverts, roads, depressional areas, etc.: (March, 2013 - March, 2015) - Map creation, prioritization and interpretation: (Oct. 2014 - Jun. 2015) - Data/map dissemination and support for partner groups (Jun. 2015 - Oct. 2015) <p>Staff: Shawn Wahnoutka, Douglas Goodrich</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	4-Mar-13	End Date	
Rates and Hours			
Actual Results	All LIDAR data has been acquired. Areas for analysis have been identified. Some data manipulation/correction is completed, along with preliminary ground truthing.		

Grant Attachments

Document Name	Document Type	Description
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Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/18/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/28/2014
RCRCA FY13 no expenditures email.pdf	Grant	2013 - Accelerated Implementation Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)
grant_app_general-added.rpt	Grant	2013 - Accelerated Implementation Grant - RCRCA (Redwood-Cottonwood Rivers Control Area) (JPB)
reporting email	Journal	Journal Dated - 03/18/2014