



Grant All-Detail Report 2013 - Clean Water Assistance Grant

Grant Title - 2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)

Grant ID - C13-2919

Organization - Cormorant Lakes WD

Grant Awarded Amount	\$142,900.00	Grant Execution Date	
Required Match Amount	\$35,725.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$142,900.00	\$76,824.20	\$66,075.80
Total Match Amount	\$35,725.00	\$13,674.70	\$22,050.30
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$178,625.00	\$90,498.90	\$88,126.10

**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
2013 CWF CLWD Sediment Reduction - Project Development	Project Development	Current State Grant	2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)	\$10,800.00	\$10,800.00	7/7/2014	N
2013 CWF CLWD Sediment Reduction - Project Development	Project Development	Local Fund	2013 CWF Cormorant Lakes Watershed District - Local Match	\$4,200.00	\$3,750.60	12/7/2014	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 CWF CLWD Sediment Reduction - Admin./Coordination	Administration /Coordination	Current State Grant	2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)	\$4,800.00	\$2,089.50	9/8/2014	N
2013 CWF CLWD Sediment Reduction - Admin./Coordination	Administration /Coordination	Local Fund	2013 CWF Cormorant Lakes Watershed District - Local Match	\$0.00			Y
2013 CWF CLWD Sediment Reduction - Technical and Engineering	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)	\$27,300.00	\$26,826.00	12/8/2014	N
2013 CWF CLWD Sediment Reduction - Technical and Engineering	Technical/Engineering Assistance	Local Fund	2013 CWF Cormorant Lakes Watershed District - Local Match	\$2,700.00			Y
2013 CWF CLWD Sediment Reduction Project BMPs	Special Projects	Current State Grant	2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)	\$100,000.00	\$37,108.70	8/4/2014	N
2013 CWF CLWD Sediment Reduction Project BMPs	Special Projects	Local Fund	2013 CWF Cormorant Lakes Watershed District - Local Match	\$28,825.00	\$9,924.10	8/4/2014	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
638 - Water and Sediment Control Basin	5	5	0.00 COUNT
584 - Stream Channel Stabilization	1	1	0.00 AC

Indicators Summary

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	64.60	TONS/YR
PHOSPHORUS (EST. REDUCTION)	56.60	LBS/YR

Grant Activity

Grant Activity - 2013 CWF CLWD Sediment Reduction - Project Development

Description	The Watershed District will review erosion and sediment "Hot spots" identified in the terrain analysis and will set up meetings with landowners, as needed, for implementation of erosion and sediment controls for those sites. The CLWD will work with the individual landowners to line up the construction of these BMPs.	
Category	PROJECT DEVELOPMENT	
Start Date		End Date
Rates and Hours		
Actual Results	CLWD worked with landowners, NRCS, and the Becker SWCD on project development. 2013 Meetings with landowners and field reviews for project development were completed 6/24 (Berg), 7/2 (Berg), 7/27 (Public Informational meeting, 10/9 (General field review of sites and meetings with Krogen, Nielson, Galitz). A Project Development Flyer was also developed for the project. Potential Projects identified through the project development processing included: 1. Binde WASCOD Project, 2. Bijou Access erosion, 3. Berg Erosion Slide, 4. NW Bijou Erosion site, 5. Krogen Erosion, 6. Nielsen. Additional sites reviewed in 2014 included: 7. Schroeder Erosion Site (6/5), 8. 150th Avenue Erosion (6/5), 9. Herbst Bijou Site (11/21) 10. Crabtree WASCOD and Wetland Restoration, 11. Deer Point Condo Erosion. Additional field review with watershed managers after the 2015 spring melt are expected to identify some additional project sites. Binde and Berg sites were paid in 2014. The Crabtree site was constructed in 2014, but will be funded outside this grant due to other state funds involved. The NW Bijou and Bijou Access will be constructed in 2015 as soon as conditions permit. The Schroeder erosion site will be pursued under future grant opportunities due its complexity and project size. The other sites require a little more project development or design and are anticipated for 2015 construction.	

Grant Activity - 2013 CWF CLWD Sediment Reduction - Admin./Coordination

Description	The Cormorant Lakes Watershed District Engineer (Erik Jones, Houston Engineering) will be responsible for all general eLink and annual and final reporting documents for this project. Sherwood Olson (CLWD Administrator) will complete website updates to meet grant requirements. The \$142,900 in cost share dollars provided through this grant (CWF13-233) will be used to install sediment and erosion control BMPs within the CLWD. Local match for this grant is anticipated to come from general ad valorem levy funds of the CLWD.	
Category	ADMINISTRATION/COORDINATION	
Start Date		End Date
Rates and Hours		
Actual Results	Grant Reporting for 2013 and 2014 completed. Website coordination completed.	

Grant Activity - 2013 CWF CLWD Sediment Reduction - Technical and Engineering

Description	The Cormorant Lakes Watershed District will design and oversee the installation of an estimated 5 sediment and erosion control BMP sites. Erik Jones, PE (CLWD District Engineer) will oversee the design of these BMPs.	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date		End Date
Rates and Hours		
Actual Results	Berg Erosion Slide surveyed, designed, bid and constructed. Waiting for contractors (American Enterprises, Becker SWCD, and Nature's Design Completed) completed work. Design surveys for Krogen, Nielsen, 150th Ave., and Bijou Access (RRVCSA), and NW Bijou Lake sites completed. Design for Bijou Access and NW Bijou Sites are completed with construction to start as soon as conditions permit in 2015. NW Bijou will be rebid in early 2015. Designs for 150th Ave., Krogen, and Nielson sites nearing completion.	

Grant Activity - 2013 CWF CLWD Sediment Reduction Project BMPs

Description	This is a placeholder for future Sediment and erosion control BMP projects that will be installed by the CLWD. Erik Jones, PE (CLWD District Engineer) will provide design oversight on the BMP projects. It is anticipated that up to 5 BMP sites will be developed. More detail and additional L&W Projects will be added as BMP sites are finalized and constructed.		
Category	SPECIAL PROJECTS		
Start Date		End Date	
Rates and Hours			
Actual Results	One site was built in 2013 (Binde WASCOB project). The project involved 5 water and sediment control basins. Finalized expenditures will occur in 2014 and will be reported when all available. The CLWD is working with the Becker SWCD and NRCS on the Binde WASCOB project. The Berg Erosion Slide was repaired in 2014. Additional sites will be constructed in 2015.		

Activity Action - Binde WASCOBs

Practice	638 - Water and Sediment Control Basin	Count of Activities	5
Description	5 WASCOBs were installed By Dale Binde in Section 4 of Cormorant Township.		
Proposed Size / Units	5 COUNT	Lifespan	10 Years
Actual Size/Units	COUNT	Installed Date	

Final Indicator for Binde WASCOBs

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Upper Cormorant		

Final Indicator for Binde WASCOBs

Indicator Name	SOIL (EST. SAVINGS)	Value	13.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Upper Cormorant		

Activity Action - Jack & Sandra Berg Slide Repair			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	Bluff Slide Repair to prevent additional erosion. 3 foot depth of slope slid into Cormorant Lake.		
Proposed Size / Units	0 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	4-Aug-14
Final Indicator for Jack & Sandra Berg Slide Repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	43
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Big Cormorant		
Final Indicator for Jack & Sandra Berg Slide Repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Big Cormorant		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/03/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/18/2014
grant_app_general-added.rpt	Grant	2013 - Clean Water Assistance Grant - Cormorant Lakes WD (WSHED)