



Grant All-Detail Report 2013 - Clean Water Assistance Grant

Grant Title - 2013 - Clean Water Assistance Grant - South Washington WD (WSHED)

Grant ID - C13-4630

Organization - South Washington WD

Grant Awarded Amount	\$566,500.00	Grant Execution Date	
Required Match Amount	\$141,625.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$566,500.00	\$446,650.00	\$119,850.00
Total Match Amount	\$174,950.00	\$77,114.00	\$97,836.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$741,450.00	\$523,764.00	\$217,686.00

*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
CWF FY2013 Colby Water ReUse Grant Administration and Coordination	Administration /Coordination	Current State Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)	\$0.00			N
CWF FY2013 Colby Water ReUse Grant Administration and Coordination	Administration /Coordination	Local Fund	Local in-kind match Grant Administration for CWF FY2013 Colby Water ReUse	\$5,000.00	\$1,702.00	2/28/2014	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWF FY2013 Colby Water ReUse Technical/Engineering	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)	\$0.00			N
CWF FY2013 Colby Water ReUse Technical/Engineering	Technical/Engineering Assistance	Local Fund	City of Woodbury in-kind match Technical/Engineering for CWF FY2013 Colby Water ReUse	\$0.00			Y
CWF FY2013 Colby Water ReUse Technical/Engineering	Technical/Engineering Assistance	Local Fund	Washington County in-kind match Technical/Engineering for CWF FY2013 Colby Water ReUse	\$0.00			Y
Eagle Valley Golf Course Re-use System	Special Projects	Current State Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)	\$218,000.00	\$171,879.44	4/9/2014	N
Eagle Valley Golf Course Re-use System	Special Projects	Local Fund	Colby Water Reuse-Local Match	\$65,400.00	\$65,400.00	1/2/2014	Y
Prestwick Golf Course Reuse System	Special Projects	Current State Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)	\$348,500.00	\$274,770.56	4/9/2014	N
Prestwick Golf Course Reuse System	Special Projects	Local Fund	Colby Water Reuse-Local Match	\$104,550.00	\$10,012.00	1/2/2014	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
636 - Water Reuse	2	1	0.00 COUNT

Indicators Summary

Indicator Name	Total Value	Unit
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VOLUME REDUCED (ACRE-FEET/YEAR)	120.00	ACRE-FEET/YR
PHOSPHORUS (EST. REDUCTION)	100.00	LBS/YR

Grant Activity

Grant Activity - CWF FY2013 Colby Water ReUse Grant Administration and Coordination		
Description	<p>Grant administration and coordination for the CWF FY2013 Colby Water ReUse grant. All administration and coordination will be completed by SWWD Water Resource Specialist John Loomis. No grant funds will be used for this initiative. Rather, funding is provided through local funds.</p> <p>This initiative includes development and execution of a funding agreement with Washington County and City of Woodbury outlining funding participation of each entity and detailing operation and maintenance and inspection requirements. The City of Woodbury will ultimately be responsible for ensuring operation and maintenance of the completed water re-use systems for the expected lifetime (25 yrs) of the BMPs. These documents will be provided to BWSR for their review and approval and will provide necessary project assurances as outlined in the BWSR Grant Administration Manual.</p>	
Category	ADMINISTRATION/COORDINATION	
Start Date	1-Apr-13	End Date
Rates and Hours		
Actual Results	Minimal administration/coordination has been necessary to date and has been limited to construction oversight and annual grant reporting. Additional time will be required as the projects wrap up and costs are finalized.	

Grant Activity - CWF FY2013 Colby Water ReUse Technical/Engineering

Description	Washington County and City of Woodbury are responsible for all technical and engineering initiatives under this grant, including project design and construction management and oversight. While engineering consultants are contracted for the work, all approvals will be made by Wayne Sandberg, Washington County Engineer and Klayton Eckles, City of Woodbury Engineer. Funding for their time is provided by the County and City and is not part of this grant or identified local match. The County and City engineers will also be responsible for ensuring ongoing operation and maintenance of the reuse systems as detailed in the project agreement.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results	No estimate of technical/engineering costs incurred by the County is currently available. We will attempt to quantify these costs at project closeout. These costs are not eligible for grant funding and will not be reimbursed by SWWD. They are the responsibility of the County and City.		

Grant Activity - Eagle Valley Golf Course Re-use System

Description	The proposed project includes pumping water from an existing retention basin (City pond CD-P47.1) to the Eagle Valley Golf Course's irrigation pond. This nutrient laden water which would otherwise drain to Colby Lake will then be used for irrigation of the golf course, largely reducing the golf course's current reliance on groundwater for irrigation. When the irrigation pond is at capacity, water pumped out of CD-P47.1 will be diverted to existing pond CD-P47.5 (upstream of CD-P47.1) which will result in recirculation of water through several additional ponds as a means to provide additional treatment. Necessary project assurances will be developed as part of the Coordination/Administration Initiative attached to this project.		
Category	SPECIAL PROJECTS		
Start Date	1-Nov-13	End Date	
Rates and Hours			
Actual Results	The anticipated budget for the Eagle Valley system was \$283,400.00. The lump sum bid price for the system was \$270,000.00. The system is nearly complete. The water intake, pump station, and irrigation/overflow system connections have all been completed. We anticipate that some restoration and system modifications may be necessary in the spring once the system becomes operational. Washington County has documented expenditure of the first 50% of grant funds and has requested the subsequent 40% payment from SWWD, consistent with the Cooperative Construction Agreement. SWWD has issued payment to the County for the 40% distribution. The project is wrapping up and we expect to have final cost details in early 2015. We will update reporting at that time and submit a final report.		

Activity Action - Eagle Valley Golf Course Re-Use System

Practice	636 - Water Reuse	Count of Activities	1
Description	Eagle Valley Golf Course Re-Use System		
Proposed Size / Units	1 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	
Final Indicator for Eagle Valley Golf Course Re-Use System			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	67
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	Other
Waterbody	Colby Lake		
Final Indicator for Eagle Valley Golf Course Re-Use System			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	56
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Colby Lake		

Grant Activity - Prestwick Golf Course Reuse System			
Description	Existing City ponds CD-P58 and CD-P58.1 will be modified to provide one contiguous reservoir which will receive water via the existing drainage system. A new pump station and related infrastructure will deliver water from the new CD-P58/58.1 reservoir to the existing golf course irrigation system. When irrigation is unnecessary, water will be diverted to other existing ponds within the golf course with high infiltration rates. The new reuse system will result in extensive irrigation of the golf course with nutrient laden water that would otherwise drain to Bailey Lake in place of pumped groundwater. Necessary project assurances will be developed as part of the Coordination/Administration Initiative attached to this project.		
Category	SPECIAL PROJECTS		
Start Date	1-Nov-13	End Date	
Rates and Hours			
Actual Results	The anticipated budget for the Prestwick system was \$453,050.00. The lump sum bid for the system was \$380,000.00. To date, the system is approximately half complete. Additional system connections, grading, and restoration will be necessary in the Spring prior to activating the system. Washington County has documented expenditure of the first 50% of grant funds and has requested the subsequent 40% payment from SWWD, consistent with the Cooperative Construction Agreement. SWWD has issued payment to the County for the 40% distribution. The project is wrapping up and we expect to have final cost details in early 2015. We will update reporting at that time and submit a final report.		

Activity Action - Prestwick Golf Course Re-Use System			
Practice	636 - Water Reuse	Count of Activities	1
Description	Prestwick Golf Course water re-use system.		
Proposed Size / Units	1 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	
Final Indicator for Prestwick Golf Course Re-Use System			
Indicator Name	VOLUME REDUCED (ACRE-FEET/YEAR)	Value	53
Indicator Subcategory/Units	STORMWATER MANAGEMENT ACRE-FEET/YR	Calculation Tool	Other
Waterbody	Bailey Lake		
Final Indicator for Prestwick Golf Course Re-Use System			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	44
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Bailey Lake		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/11/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/11/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2014
Eagle Valley Agreement	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
Funding Agreement	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
Interim Financial Report	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
Prestwick Agreement	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
SWWD Vendor Ledger 01312014	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
Washington County Pay Estimate and Work Certification	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)
grant_app_general-added.rpt	Grant	2013 - Clean Water Assistance Grant - South Washington WD (WSHED)