



Grant All-Detail Report Accelerated Implementation Grant 2017

Grant Title - Keller Lake Subwatershed Assessment

Grant ID - C17-7645

Organization - Apple Valley, City of

Grant Awarded Amount	\$30,000.00	Grant Execution Date	3/21/2017
Required Match Amount	\$7,500.00	Grant End Date	12/31/2019
Required Match %	25%	Grant Day To Day Contact	Jane Byron

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$30,000.00	\$29,236.86	\$763.14
Total Match Amount	\$7,500.00	\$7,309.22	\$190.78
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$37,500.00	\$36,546.08	\$953.92

*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
Project Coordination	Administration /Coordination	Current State Grant	Keller Lake Subwatershed Assessment	\$1,000.00	\$182.04	1/22/2018	N
Project Coordination	Administration /Coordination	Local Fund	Apple Valley Match - 2017 CWF	\$500.00	\$91.02	1/25/2018	Y
Staff Oversight of Project	Administration /Coordination	Current State Grant	Keller Lake Subwatershed Assessment	\$3,000.00	\$633.28	11/4/2017	N
Staff Oversight of Project	Administration /Coordination	Local Fund	Apple Valley Match - 2017 CWF	\$3,000.00	\$941.11	9/11/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Subwatershed Assessment Development	Technical/Engineering Assistance	Current State Grant	Keller Lake Subwatershed Assessment	\$26,000.00	\$28,421.54	11/30/2017	N
Subwatershed Assessment Development	Technical/Engineering Assistance	Local Fund	Apple Valley Match - 2017 CWF	\$4,000.00	\$6,277.09	11/30/2017	Y

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 - Project Coordination			
Description	Staff time allocated to grant administration and reporting		
Category	ADMINISTRATION/COORDINATION		
Start Date	27-Mar-17	End Date	01-Feb-18
Has Rates and Hours?	Yes		
Actual Results	Successful completion of required grant reporting and website reporting requirements.		

Grant Activity - Staff Oversight of Project

Description	<p>Bid, RFP, and contract preparation; oversight and coordination with consultants/contractors; general staff activities to ensure the assessment meets needs.</p> <p>Teams of staff reviewers of assessment drafts developed by the consulting firm hired will be a key component to a success project. Staff with expertise and certifications in engineering, water resources, public works, and city infrastructure/operations can provide background, feedback, and guidance to ensure that not only is the Assessment a good plan, but one which gets used.</p>		
Category	ADMINISTRATION/COORDINATION		
Start Date	27-Mar-17	End Date	30-Nov-17
Has Rates and Hours?	Yes		
Actual Results	City staff prepared scope of work, selected a contractor from the City engineering pool, and provided project oversight. Plan drafts were reviewed and meetings with the consultant held to discuss concepts, limitations, and comments on plans.		

Grant Activity - Subwatershed Assessment Development

Description	<p>Costs associated with developing the subwatershed assessment. The City intends to contract with an engineering consultant to complete the assessment.</p> <p>The City plans to select a consultant from our water resources/engineering pool. Every three years relevant city staff vet proposals submitted by consulting firms to select the most qualified firms to work with. This process leads to a quicker startup timeline for most projects, while still guaranteeing a quality end product. There are 3 firms in our current water resources consulting pool, all three of which have lots of experience with developing similar guiding plans.</p> <p>The City plans to have this work completed by late summer of 2017. So that we can begin using the Subwatershed Assessment to help evaluate and look into the feasibility of projects to be used in road reconstruction projects starting in 2018.</p> <p>The Subwatershed Assessment will identify potential cost effective retrofit projects and operations improvements capable of fulfilling needed phosphorus reductions need for the City to meet its TMDL WLA for Keller Lake using best science and water quality modeling (P8) ahead of a number of planned infrastructure projects tentatively scheduled for 2018-2022. The information gathered will be used to explore which efforts are worth pursuing further and will provide some cost efficiencies by having potential projects identified ahead of infrastructure improvement project feasibility studies, design and installation.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	27-Mar-17	End Date	30-Nov-18
Has Rates and Hours?	No		
Actual Results	Barr Engineering was hired as the consultant to produce the subwatershed assessment. The consultant modeled watershed inputs to the catch basin level and gathered information from staff on future maintenance projects in the area, potential locations, and any project limitations. From there a report was drafted showing locations, estimated costs, and estimated phosphorus reductions for a suite of BMPs. The assessment is now in use for planning and budgeting for future projects.		

Grant Attachments

Document Name	Document Type	Description
2017 Competitive Grant	Grant Agreement	2017 Competitive Grant - Apple Valley, City of
2017 Competitive Grant executed	Grant Agreement	2017 Competitive Grant - Apple Valley, City of
Application	Workflow Generated	Workflow Generated - Application - 08/08/2016

Document Name	Document Type	Description
Financial Report	Grant	Keller Lake Subwatershed Assessment
Keller Lake Subwatershed Assessment	Grant	Keller Lake Subwatershed Assessment
Keller Lake Subwatershed Assessment Map	Grant	Keller Lake Subwatershed Assessment
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/14/2016
grantmap_16993_2016-08-05_09-25-36-AM.jpg	Grant	Keller Lake Subwatershed Assessment