

Proposal Full View

Applicant Information

Organization Name Santa Clara Valley Water District *
 Tax ID **94169553**
 Proposal Name Berryessa Creek Flood Protection Proposal *
 Proposal Objective The Project contributes to the IRWM Plan objectives as follows: Contributes to the promotion of economic, social, and environmental sustainability, having garnered community and financial support from neighboring communities and project partners, including the US Army Corps of Engineers, City of Milpitas, and Valley Transportation Authority; Contributes to the protection and improvement of hydrologic function by controlling excessive in-stream erosion and sedimentation, improving in-stream flow conditions through the provision of a low-flow channel and increased riparian vegetation, restoring native/wetland vegetation, and securing federal funds to implement solutions; Contributes to the protection and improvement of the quality of water resources by reducing mass loading of pollutants to San Francisco Bay through the preservation, enhancement, and widening of the Berryessa Creek corridor to improve filtration of point and non-point source pollutants; Contributes to the protection of public health, safety, and property by removing 3,400 homes, business, and schools from the 100-year flood zone of Berryessa Creek; Contributes to the creation, protection, enhancement, and maintenance of environmental resources and habitats through the conservation and restoration of habitat for species protection by acquiring, protecting and/or restoring wetlands and riparian areas, improving fish passage, managing pests and invasive species, and improving structural complexity (riparian and channel). *

Budget

Other Contribution	\$0.00
Local Contribution	\$0.00
Federal Contribution	\$0.00
Inkind Contribution	\$51,865,630.00
Amount Requested	\$30,000,000.00 *
Total Project Cost	\$81,865,630.00 *

Geographic Information

Latitude * DD(+/-) MM SS
 Longitude * DD(+/-) MM SS
 Longitude/Latitude Clarification Location
 County Santa Clara *
 Ground Water Basin
 Hydrologic Region
 Watershed

Legislative Information

Assembly District 23rd Assembly District *
 Senate District 13th Senate District *
 US Congressional District District 15 (CA), District 16 (CA) *

Project Information

Project Name	Berryessa Creek Flood Protection Project
Implementing Organization	Santa Clara Valley Water District
Secondary Implementing Organization	
Proposed Start Date	8/15/2013
Proposed End Date	12/15/2020
Project Scope	The Project will include 100-year flood protection improvements along six miles of Berryessa Creek and Penitencia Creek.
Project Description	Berryessa Creek is currently filled with sediment and does not have capacity for a one percent flood flow. Existing habitat consists of sparse, non-native vegetation. The Project will widen the creek to increase capacity and reduce erosion on banks, create a proper bankfull channel to transport sediments, and create new depressed floodplain benches for native vegetation plantings. A correctly sized bankfull channel with a depressed floodplain benches constructed in the proper elevation will also reduce maintenance activities in the channel in the long-term. The existing levee on one bank will be raised while the levee on another bank will be replaced with a floodwall to facilitate a wider channel for flow conveyance and additional vegetation plantings. A continuous maintenance road on top of the levee to provide opportunity for a recreation trail will be constructed. The Project would provide a one percent flood protection to nearly 2,400 homes and businesses from flood damages and reduction in channel bank failures along close to 6 miles of creeks, from confluence of Coyote Creek to I680. It would also enhance habitat and

	vegetation, including wetlands; enhance fish passage; improve water quality; and provide new recreation amenities for City of Milpitas and the northern portions of the City of San Jose, such as pedestrian bridges and multiple-use trails. The Project will reduce maintenance requirements such as sediment removal and erosion repair work caused by bank failures, and trash and graffiti removal caused by existing blight conditions.
Project Objective	The Project will remove 2,400 structures from the 100-year flood zone; reduce erosion and sedimentation; enable the reestablishment of fish passage; improve water quality; provide opportunities to expand existing trail systems; promote watershed restoration; improve access for long-term maintenance; reduce maintenance requirements associated with sediment removal and repair work caused by bank failures; and reduce maintenance requirements associated with trash and graffiti removal.
Project Benefits Information	

Project Objective

Budget

Other Contribution	0
Local Contribution	0
Federal Contribution	0
Inkind Contribution	51865630
Amount Requested	30000000
Total Project Cost	81865630

Geographic Information

Latitude DD(+/-)	-37	MM 26	SS 43
Longitude DD(+/-)	-121	MM 54	SS 20
Longitude/Latitude Clarification		Location	
County Santa Clara Ground Water Basin Hydrologic Region WaterShed			

Legislative Information

Assembly District	23rd Assembly District
Senate District	13th Senate District
US Congressional District	District 15 (CA), District 16 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles.

The primary goals of the Project are to: (1) Provide 100-year flood protection to nearly 2,400 homes, businesses and schools in the project area of Berryessa Creek and Low Penitencia Creek from Coyote Creek to Interstate 680; (2) Incorporate watershed-related benefits; and (3) Improve maintenance effectiveness and efficiency. These goals are consistent with the District's Board Ends Policies.

Q2. PROJECT DIRECTOR

Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Beau Goldie, Chief Executive Officer, Santa Clara Valley Water District

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Dennis Cheong Engineering Unit Manager Coyote Watershed Projects Santa Clara Valley Water District 408-254-2600x2618 dcheong@valleywater.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

Santa Clara Valley Water District, 5750 Almaden Expressway, San Jose, CA 95118-3686 Application completed by Alyson Watson, RMC Water and Environment, 1-415-6442 / awatson@rmcwater.com

Q5. ADDITIONAL INFORMATION

Provide the IRWM funding area(s) in which projects are located.

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

San Francisco Bay Area

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Region 2 (San Francisco Bay)

Q7. ELIGIBILITY

Is the application from an IRWM region approved in the Region Acceptance Process (RAP)? To verify, see RAP website:

<http://www.water.ca.gov/irwm/grants/rap.cfm> . If yes, include the name of the IRWM region. If not, explain.

Yes. The San Francisco Bay Area region has been accepted through the RAP process.

Q8. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The applicant for the Stormwater Flood Management Grant is the Santa Clara Valley Water District. The Santa Clara Valley Water District is a public agency, as defined in Section III of the Guidelines, which is defined as a city, county, city and county, district, joint powers authority, a state agency or department, or other political subdivision of State. The District is a special purpose district formed under State law pursuant to the Santa Clara Valley Water District Act of 1951 (District Act). The Santa Clara Valley Water District was created by an act of the California Legislature (Chapter 1405 of the Statutes of 1951), and operates as a state of California Special District, with jurisdiction through Santa Clara County. The District Act specifies that its purpose is to authorize the District to provide comprehensive water management for all beneficial uses and protection from flooding. The Applicant has legal standing to enter into contractual relationships with the State of California, DWR and SWRCB. On January 22, 2013, the Santa Clara Valley Water District Board of Directors adopted the authorizing Resolution No. 13-09 giving explicit authority to submit this Grant and enter into and implement the grant agreement on behalf of the Santa Clara Valley Water District.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 10. If there are none, so indicate and answer "NA" for Q10 and Q11.

The Santa Clara Valley Water District, as a water supply wholesaler, is required to prepare an UWMP.

Q10. ELIGIBILITY

Have all of the urban water suppliers, listed in Q9 above, submitted complete Urban Water Management Plans (UWMPs) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete plan.

Answer "NA" if no urban water supplier identified in Q9 above.

The District adopted its 2010 UWMP update on May 24, 2011. The 2010 UWMP Update has been reviewed by the Department of Water Resources and determined to meet California Water Code requirements.

Q11. ELIGIBILITY

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after November 1, 2012? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section III.B of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q9 above.

No. The AB1420 compliance table is included in Attachment 10 to this proposal.

Q12. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Yes. Santa Clara Valley Water District

Q13. ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

The District has adopted (July 2012) and implemented a Groundwater Management Plan in compliance with CWC Section 10753.

Q14. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q15.

Q15. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q14 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.
Answer "NA" if no agricultural water suppliers were identified in Q14 above.

Not applicable

Q16. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q17 below.

Santa Clara Valley Water District, 408-630-2074, tanderson@valleywater.org

Q17. ELIGIBILITY

Have all of the surface water diverters, listed in Q16 above, submitted surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no surface water diverters identified in Q16 above.

The District submits surface water diversion reports in compliance with requirements.

Q18. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" to Q19.

Santa Clara Valley Water District, 408-630-2324, bahmadi@valleywater.org

Q19. ELIGIBILITY

Have all of the groundwater users, listed in Q18 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users were identified in Q18 above.

The District is the local monitoring entity for the CASGEM program and meets the program requirements.

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS**

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att1_SWF_Eligible_1of3.pdf,Att1_SWF_Eligible_2of3.pdf,Att1_SWF_Eligible_3of3.pdf

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 2: PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att2_SWF_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments:

Att3_SWF_Workplan_1of10.pdf,Att3_SWF_WorkPlan_2of10.pdf,Att3_SWF_WorkPlan_3of10.pdf,Att3_SWF_WorkPlan_4of10.pdf,Att3_SWF_WorkPlan_5of10.pdf

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments:

Att3_SWF_WorkPlan_6of10.pdf,Att3_SWF_WorkPlan_7of10.pdf,Att3_SWF_WorkPlan_8of10.pdf,Att3_SWF_WorkPlan_9of10.pdf,Att3_SWF_WorkPlan_10of10.zip

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 4: BUDGET

Upload the Budget documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att4_SWF_Budget_1of2.pdf,Att4_SWF_Budget_2of2.pdf

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att5_SWF_Schedule_1of1.pdf

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att6_SWF_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECTS

Upload Technical Justification of Projects here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments:

Att7_SWF_TechJust_1of9.pdf,Att7_SWF_TechJust_2of9.pdf,Att7_SWF_TechJust_3of9.pdf,Att7_SWF_TechJust_4of9.pdf,Att7_SWF_TechJust_5of9.pdf

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att7_SWF_TechJust_6of9.pdf,Att7_SWF_TechJust_7of9.pdf,Att7_SWF_TechJust_8of9.pdf,Att7_SWF_TechJust_9of9.zip

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Upload Benefits and Cost Analysis here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att8_SWF_BenCost_2of2.pdf,Att8_SWF_BenCost_1of2.pdf

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 9: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att9_Preference_1of1.pdf

Upload additional Program Preference documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 10: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Upload GWMP, AB 1420, and Water Meter Compliance documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att10_SWF_SelfCert_1of1.pdf
