

Proposal Full View

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Applicant Information

Organization Name *

Tax ID **330969816**

Proposal Name **Sulphur and Aliso Creek Stabilization Project** *

Proposal Objective

The multi-benefit Sulphur and Aliso Creek Stabilization Project (Project) helps achieve the objectives of the IRWM Plan by providing Soil Stabilization, Erosion prevention, New habitat/vegetation, Low flow treatment, Protection of underground utilities, Flood management, Protection of culturally sensitive habitat, and Improvement of water quality in creek. The Project includes the construction of a RCB culvert extension, an earthen low flow swale, storm drain system replacement, south bank stabilization, erosion repair along the existing roadway, and new vegetation/habitat. The Project's purpose is to improve the confluence of Aliso Creek and Sulphur Creek where erosion and unstable banks threaten underground utilities and culturally sensitive area. The Project is included in the 2005 adopted South Orange County IRWM Plan and implements the Plan's objectives as follows: 1) Aquatic Ecosystems and Watershed Management Objective - Reduction of sediment degradation and protection of culturally sensitive area and natural habitat by: Removing existing grouted rock on the south bank and placement of compacted fill in the area; Removal of ruderal plant species alongside Sulphur Creek; and new vegetation/habitat along bank stabilization. 2) Water Quality Objective - Reduction in the pollutants of concern from urban drainage runoff that is degrading water quality in Aliso Creek by directing low flows that travel over existing swale to a new low flow swale for treatment. 3) Sewage and Flood Management Objective - Reduction in hydrologic conditions for erosion control stabilization and reduction of sediment degradation by: replacing existing storm drain outlet structure to allow discharge of flow into an existing swale downstream through a small outlet at the invert; Discharging larger flows into new connecting RCB culvert; and Soil stabilization to hold existing soil bank in place while providing protection against surficial runoff from top of banks. *

Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$3,368,774.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$0.00"/>
Amount Requested	<input type="text" value="\$3,368,774.00"/> *
Total Project Cost	<input type="text" value="\$6,737,548.00"/> *

Geographic Information

Latitude *

Longitude *

Longitude/Latitude Clarification **N 33° 33' 02", W 117° 43' 05" Center of Project. The Church of Jesus Christ of Latter Day Saints (28291 Alicia Parkway) is located approximately 900 feet north of the project site.**

Location **lower portion of Sulphur Creek near its confluence with Aliso Creek**

County **Orange** *

Ground Water Basin **San Juan Valley**

Hydrologic Region **South Coast**

Watershed **San Juan**

Legislative Information

Assembly District **73rd Assembly District** *

Senate District **33rd Senate District** *

US Congressional District **District 48 (CA)** *

Project Information

Project Name

Implementing Organization	<input type="text" value="South Orange County Wastewater Authority"/>
Secondary Implementing Organization	
Proposed Start Date	<input type="text" value="8/15/2013"/>
Proposed End Date	<input type="text" value="10/9/2015"/>
Project Scope	<input type="text" value="Construct RCB culvert extension, low flow swale, storm system replacement, bank stabilization, erosion repair, and vegetation."/>
<input type="text" value="The Sulphur and Aliso Creek Stabilization Project (Project) includes the"/>	

Project Description	<p>construction of a RCB culvert extension, an earthen low flow swale, storm drain system replacement, south bank stabilization, erosion repair along the existing roadway, and new natural vegetation/habitat. The purpose of the Project is to improve existing conditions of the reach near the confluence area between Aliso Creek and Sulphur Creek, as well as provide stabilization of existing banks to protect existing facilities and culturally sensitive area. The Project components include: -Construction of a RCB culvert extension from the downstream face of the existing (3) 12'x12' RCB culvert underneath Alicia Parkway to the Aliso Creek confluence. -The earthen low flow swale, which would capture low flow from upstream of the existing culvert and bypass the existing culvert through a wall-attached pipe, would provide creek flow necessary for preservation of natural habitat between Alicia Parkway and the Aliso Creek confluence. This low flow swale would run along a slightly different alignment than that of the RCB culvert extension and support new vegetation growth. -The construction of the culvert extension and subsequent fill placement along the project reach would also provide stability to the existing banks which are currently experiencing channel erosion. It would also protect existing underground utilities. The Project will reduce the degradation and erosion, protect the culturally sensitive area and underground utilities, provide low flow treatment, and support new vegetation/habitat.</p>
Project Objective	<p>Objectives include: • Soil Stabilization • Erosion prevention • New habitat/vegetation • Low flow treatment • Protect underground utilities • Flood management • Protect culturally sensitive habitat • Improve water quality in creek</p>
Project Benefits Information	

Project Objective

Budget

Other Contribution	0
Local Contribution	3368774
Federal Contribution	0
Inkind Contribution	0
Amount Requested	3368774
Total Project Cost	6737548

Geographic Information

Latitude DD(+/-)	33	MM	33	SS	2
Longitude DD(+/-)	117	MM	43	SS	5
Longitude/Latitude Clarification	N 33° 33' 02", W 111°		Location	lower portion of Sulphur Creek near	
County Orange Ground Water Basin San Juan Valley Hydrologic Region South Coast WaterShed					
San Juan					

Legislative Information

Assembly District	73rd Assembly District
Senate District	33rd Senate District
US Congressional District	District 48 (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 South Orange County Wastewater Authority proposes the Sulphur and Aliso Creek Stabilization Project (Project). SOCWA is a member of the South Orange County Watershed Management Area. The Project consists of the construction of a RCB culvert extension, an earthen low flow swale, storm drain system replacement, south bank stabilization, erosion repair along the existing roadway, and new natural habitat. The purpose of the Project is to improve existing conditions of the reach near the confluence between Aliso Creek and Sulphur Creek, as well as provide stabilization of existing banks to protect existing facilities and culturally sensitive area. The Project includes: Construction of a RCB culvert extension from the downstream face of the existing (3) 12'x12' RCB culvert underneath Alicia Parkway to the Aliso Creek confluence. ? T earthen low flow swale, which would capture low flow from upstream of the existing culvert and bypass the existing culvert through a wall-attached pipe, would provide cr flow necessary for preservation of natural habitat between Alicia Parkway and the Aliso Creek confluence. This low flow swale would run along a slightly different alignmen that of the RCB culvert extension. ? The construction of the culvert extension and subsequent fill placement along the project reach would also provide stability to the exist banks which are currently experiencing channel erosion.

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.

Tom Rosales General Manager South Orange County Wastewater Authority 34156 Del Obispo Street Dana Point, CA 92629 (949) 234-5421 trosales@socwa.com

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.

o Name: Brian Peck o Title: Director of Engineering o Division: Engineering o Email address: bpeck@socwa.com o SOCWA address: 34156 Del Obispo Street Dana Point, 92629

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.

South Orange County Wastewater Authority 34156 Del Obispo Street Dana Point, CA 92629 Brian Peck bpeck@socwa.com (949) 234-5411

Q5. ADDITIONAL INFORMATION

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

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

San Diego IRWM Funding Region.

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 9

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, South Orange County Watershed Management Area (WMA)

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.

Yes, South Orange County Wastewater Authority is a local public agency as defined in Appendix B of the 2012 Guidelines.

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.

None

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.

NA

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.

NA

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.

NA

Q13. ELIGIBILITY

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

NA

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.

NA

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.

NA

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.

NA

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.

NA

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.

NA

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.

NA

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_1of2.doc,Att1_SWF_Eligible_2of2.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_1of2.doc,Att2_SWF_Adopt_2of2.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_1of5.docx,Att3_SWF_WorkPlan_2of5.pdf,Att3_SWF_WorkPlan_3of5.pdf,Att3_SWF_WorkPlan_4of5.pdf,Att3_SWF_WorkPlan_5of5.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.

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.doc,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.docx

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_1of4.docx,Att7_SWF_TechJust_2of4.pdf,Att7_SWF_TechJust_3of4.pdf,Att7_SWF_TechJust_4of4.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.

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_1of2.doc,Att8_SWF_BenCost_2of2.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_SWF_Preference_1of1.doc

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.docx