

### Proposal Full View

#### Applicant Information

Organization Name  \*

Tax ID **946036473**

Proposal Name **Camp Far West Spillway Improvement** \*

Proposal Objective  
 The purpose of the project is to increase the spillway capacity for the Camp Far West Reservoir in order to safely pass the storm water flow of 126,000 cfs in a PMF event and mitigate the danger of downstream flooding. In the current scenario, severe downstream flooding will be caused if the flood flow overtops the Camp Far West dam and causes structural failure of the earthen embankment. \*

#### Budget

Other Contribution	<input type="text" value="\$0.00"/>
Local Contribution	<input type="text" value="\$2,875,711.00"/>
Federal Contribution	<input type="text" value="\$0.00"/>
Inkind Contribution	<input type="text" value="\$0.00"/>
Amount Requested	<input type="text" value="\$2,874,852.00"/> *
Total Project Cost	<input type="text" value="\$5,750,563.00"/> *

#### Geographic Information

Latitude \*

Longitude \*

Longitude/Latitude Clarification

County  \*

Ground Water Basin

Hydrologic Region

Watershed

#### Legislative Information

Assembly District  \*

Senate District  \*

US Congressional District  \*

#### Project Information

Project Name	<input type="text" value="Camp Far West Spillway Improvement"/>
Implementing Organization	<input type="text" value="South Sutter Water District"/>
Secondary Implementing Organization	
Proposed Start Date	<input type="text" value="10/1/2013"/>
Proposed End Date	<input type="text" value="12/31/2014"/>
Project Scope	<input type="text" value="Lower uncontrolled spillway from existing elev. of 300 ft to new elev. of 296.3 ft; install pneumatically operated gates"/>
Project Description	<input type="text" value="Camp Far West Reservoir receives storm water inflows from the Bear River watershed above the reservoir. The Probable Maximum Flood (PMF) for the basin was recalculated in 2005 based on newly released hydrometeorological data, resulting in a spillway capacity less than the PMF and consequently an inadequate spillway capacity. This project increases the spillway capacity from 106,500 cfs to 126,500 cfs."/>
Project Objective	<input type="text" value="To reduce the risk of catastrophic floods downstream that would occur where a PMF scenario to occur without spillway improvements. Secondary benefit is increased water storage."/>

#### Project Benefits Information

Project Objective

#### Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="2875711"/>
Federal Contribution	<input type="text" value="0"/>

Inkind Contribution	0
Amount Requested	2874852
Total Project Cost	5750563

**Geographic Information**

Latitude DD(+/-)	39	MM 3	SS 9
Longitude DD(+/-)	121	MM 19	SS 10
Longitude/Latitude Clarification	39° 3	Location	
County Yuba Ground Water Basin Sacramento Valley-South Yuba Hydrologic Region Sacramento River WaterShed			
Bear River			

**Legislative Information**

Assembly District	3rd Assembly District
Senate District	4th Senate District
US Congressional District	District 3 (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.

This project involves improvement to the spillway of Camp Far West Dam, which is owned and operated by South Sutter Water District to provide agricultural irrigation deliv in Sutter and Placer Counties. The reservoir is located on the Bear River, about 6.5 miles east of Wheatland, California. The Yuba-Placer county line passes through the middle the reservoir. The spillway of the dam ensures that high flows in the Bear River can pass through safely. In 2005, the Probable Maximum Flood (PMF) flow for the reservoir recalculated based on newly available hydro-meteorological data. This study showed that the spillway capacity of 106,500 cfs was significantly less than the PMF outflow 126,500 cfs. The lack of adequate spillway capacity means that in a high flow scenario like the PMF, water would back up behind the spillway and overtop the dam embankn Such overtopping can lead to failure of the dam and sudden and significant flooding downstream. The California Department of Water Resources Division of Safety of Dai (DSOD) and Federal Energy Regulatory Agency (FERC) have recommended that the spillway capacity be increased in the interest of dam safety. The proposed improvem consists of lowering the existing uncontrolled spillway from 300 ft to 296.5 ft and installing pneumatically operated spillway gates (Obermeyer Gates) which allow storing w up to the 305 ft level when there is no flood risk (i.e., sunny day scenario). This incremental storage does not inundate any additional areas but keeps the reservoir footprint u water on a more consistent basis; during a 100-year storm event, the project allows the reservoir to be maintained approximately 3.5 feet lower than compared with the exist condition. The most significant benefit of the proposed improvement is reduction of downstream flooding in the event of high flows (PMF) in the Bear River. An Emergen Action Plan prepared by South Sutter Water District shows that a dam failure triggered by such an event would inundated the communities of Wheatland, Nicolaus, etc. and a up to x people. Other project benefits are the achievement of additional storage in the reservoir up to 9,830 acre-feet.

**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.

Bradley Arnold General Manager South Sutter Water District 2464 Pacific Avenue Trowbridge, California 95659 (530) 656-2242 sswd@hughes.net

**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.

Bradley Arnold General Manager South Sutter Water District 2464 Pacific Avenue Trowbridge, California 95659 (530) 656-2242 sswd@hughes.net

**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 Sutter Water District 2464 Pacific Avenue Trowbridge, California 95659 (530) 656-2242 sswd@hughes.net Online application prepared by: Rahul Ranade Mead & H Inc. 180 Promenade Circle Ste 240 Sacramento, CA 95834 (916) 971-3961 rahul.ranade@meadhunt.com

**Q5. ADDITIONAL INFORMATION**

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

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

Sacramento River funding 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](http://www.waterboards.ca.gov/waterboards_map.shtml)

Central Valley RWQCB

**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.

As of February 1, 2013, this project is in the process of adoption by the American River Basin (ARB) IRWM region. The ARB IRWM has been approved in the RAP.

#### **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.

South Sutter Water District is a public entity formed under the California Water Code Division 13.

#### **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.

No urban water suppliers will receive funding from propose grant. South Sutter Water District only supplies water for agricultural irrigation.

#### **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**

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.

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.

South Sutter Water District Contact person: Bradley Arnold General Manager 2464 Pacific Avenue Trowbridge, California 95659 (530) 656-2242 sswd@hughes.net

#### **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.

Yes, SSWD has submitted an Agricultural Water Management Plan to DWR.

#### **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.

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#### **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.

Yes, SSWD has submitted their latest surface water diversion report in compliance with state laws.

#### **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\_1of1.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\_1of1.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\_1of1.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\_1of1.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\_1of1.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.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

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