

Proposal Full View

Applicant Information

Organization Name Santa Margarita Water District ▼ *
 Tax ID 72528813
 Proposal Name Santa Margarita Water District Prop 1E Ortega Reservoir Project Grant Proposal *
 Proposal Objective The Santa Margarita Water District ("SMWD"), in partnership with the County of Orange and Ranch Mission Viejo, LLC ("RMV"), is proposing to construct the Ortega Reservoir Project ("Project") in the South Orange County Watershed Management Area ("WMA"). The Project is to construct a 5,300 acre-foot ("af") recycled water storage reservoir which will provide seasonal storage for the SMWD existing and proposed recycled water system within the southerly portion of the District. Importantly, the Project will also efficiently divert flood and drainage waters and pump them into the Reservoir. The Project would also involve a 156-foot-high main dam, proposed west of the Reservoir, and a saddle dam, proposed to the north. Both would be zonal earthfill dams, and materials for the dams will come from the Project site. The Project will also receive tertiary treated sewage water acceptable for landscape irrigation. As such, the Project will be providing flood control and water supply benefits to the region, as required by the Proposition 1E Stormwater Flood Management Grant Program. The Reservoir Project is currently included as a "covered activity" in the Southern Subregion Natural Community Conservation Plan/Master Streambed Alteration Agreement/Habitat Conservation Plan (NCCP/MSAA/HCP) and Joint Environmental Impact Report/Environmental Impact Statement (EIR/EIS) which were approved in late 2006. *

Budget

Other Contribution	\$0.00
Local Contribution	\$17,450,000.00
Federal Contribution	\$100,000.00
Inkind Contribution	\$6,075,000.00
Amount Requested	\$20,000,000.00 *
Total Project Cost	\$43,625,000.00 *

Geographic Information

Latitude * DD(+/-) MM SS
 Longitude * DD(+/-) MM SS
 Longitude/Latitude Clarification Lat. 33/31/56/73(N)
- Long. 117/32/26/16(W) Location **South Orange County WMA**
 County Orange *
 Ground Water Basin San Juan Valley
 Hydrologic Region South Coast
 Watershed San Juan Valley Watershed

Legislative Information

Assembly District 70th Assembly District, 71st Assembly District, 73rd Assembly District *
 Senate District 33rd Senate District, 35th Senate District, 38th Senate District *
 US Congressional District District 42 (CA), District 44 (CA), District 48 (CA) *

Project Information

Project Name

Implementing Organization	Santa Margarita Water District
Secondary Implementing Organization	County of Orange
Proposed Start Date	4/6/2013
Proposed End Date	12/15/2016
Project Scope	Construct a 5,300 acre-foot ("af") recycled water storage reservoir which will provide storage for SMWD.
	The Santa Margarita Water District ("SMWD"), in partnership with the County of Orange and Ranch Mission Viejo, LLC ("RMV"), is proposing to construct the Ortega Reservoir Project ("Project") in the South Orange County Watershed Management Area ("WMA"). The Project is to construct a 5,300 acre-foot ("af") recycled water storage reservoir which will provide seasonal storage for the SMWD existing and proposed recycled water system within the southerly portion of the District. Importantly, the Project will also efficiently divert flood and drainage waters and pump them into the Reservoir. The Project would also involve a 156-foot-high main dam, proposed west of the Reservoir, and a saddle dam, proposed to the north. Both would be zonal earthfill dams, and materials for the dams will come from the Project site. The Project will also receive tertiary treated sewage water acceptable for landscape irrigation. As such, the Project will be providing flood

Project Description	control and water supply benefits to the region, as required by the Proposition 1E Stormwater Flood Management Grant Program. Water supplies will be provided by expansion of the Chiquita Water Reclamation Plant ("CWRP") and may be supplemented by other potential non-domestic water supply sources. The proposed Project also includes the water supply facilities required to provide recycled water from the CWRP to the Reservoir. These facilities include a pump station at the CWRP and transmission main from the CWRP to the Reservoir. The Reservoir Project is currently included as a "covered activity" in the Southern Subregion Natural Community Conservation Plan/Master Streambed Alteration Agreement/Habitat Conservation Plan (NCCP/MSAA/HCP) and Joint Environmental Impact Report/ Environmental Impact Statement (EIR/EIS) which were approved in late 2006.
Project Objective	The Project is included in the 2012 New Project List element of the South Orange County IRWM Plan Update and is consistent with the established goals for "Total Watershed Efficiency" and objectives for Sewage and Flood Management, Water Supply, Groundwater Management, Aquatic Ecosystems and Watershed Management, Water Conservation, Water Quality, and Information Management.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	17450000
Federal Contribution	100000
Inkind Contribution	6075000
Amount Requested	20000000
Total Project Cost	43625000

Geographic Information

Latitude DD(+/-)	33	MM	31	SS	56
Longitude DD(+/-)	117	MM	32	SS	26
Longitude/Latitude Clarification	Lat. 33/31/56/73(N) - Lc			Location	South Orange County V
County Orange Ground Water Basin San Juan Valley Hydrologic Region South Coast WaterShed San Juan Valley Watershed					

Legislative Information

Assembly District	70th Assembly District,71st Assembly District,73rd Assembly District
Senate District	33rd Senate District,35th Senate District,38th Senate District
US Congressional District	District 42 (CA),District 44 (CA),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 Santa Margarita Water District ("SMWD"), in partnership with the County of Orange and Ranch Mission Viejo, LLC ("RMV"), is proposing to construct the Ortega Rese Project ("Project") in the South Orange County Watershed Management Area ("WMA"). The Project is to construct a 5,300 acre-foot ("af") recycled water storage reservoir v will provide seasonal storage for the SMWD existing and proposed recycled water system within the southerly portion of the District. Importantly, the Project will also effici divert flood and drainage waters and pump them into the Reservoir. The Project would also involve a 156-foot-high main dam, proposed west of the Reservoir, and a saddle r proposed to the north. Both would be zonal earthfill dams, and materials for the dams will come from the Project site. The Project will also receive tertiary treated sewage w acceptable for landscape irrigation. As such, the Project will be providing flood control and water supply benefits to the region, as required by the Proposition 1E Stormwater Management Grant Program. Water supplies will be provided by expansion of the Chiquita Water Reclamation Plant ("CWRP") and may be supplemented by other potential domestic water supply sources. The proposed Project also includes the water supply facilities required to provide recycled water from the CWRP to the Reservoir. These faci include a pump station at the CWRP and transmission main from the CWRP to the Reservoir. The Reservoir Project is currently included as a "covered activity" in the South Subregion Natural Community Conservation Plan/Master Streambed Alteration Agreement/Habitat Conservation Plan (NCCP/MSAA/HCP) and Joint Environmental Imp Report/Environmental Impact Statement (EIR/EIS) which were approved in late 2006. The Project is included in the 2012 New Project List element of the South Orange Co IRWM Plan Update and is consistent with the established goals for "Total Watershed Efficiency" and objectives for Sewage and Flood Management, Water Supply, Ground Management, Aquatic Ecosystems and Watershed Management, Water Conservation, Water Quality, and Information Management.

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.

Dan Ferons - General Manager, Santa Margarita Water District. Email: Danf@swmd.com. Phone: (949) 459-6590. Fax: (949) 459-6582.

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.

Dan Ferons - General Manager, Santa Margarita Water District. Email: Danf@swmd.com. Phone: (949) 459-6590. Fax: (949) 459-6582.

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 Margarita Water District. 26111 Antonio Parkway, Rancho Santa Margarita, CA 92688. Dan Ferons - General Manager, Santa Margarita Water District. Email: Danf@swmd.com. Phone: (949) 459-6590. Fax: (949) 459-6582.

Q5. ADDITIONAL INFORMATION

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

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

South Orange County Watershed Management Area within the San Diego Sub-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 - San Diego Regional Water Quality Control Board.

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.

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. Santa Margarita Water District is a local agency as defined in Appendix B of the 2012 Grant 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.

Santa Margarita Water District.

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.

Santa Margarita Water District proposes the Project and is an urban water supplier. SMWD submitted a 2010 Urban Water Management Plan ("UWMP") in June 2011. The attached report serves as the required five-year/2010 update of the District's UWMP. The 2010 UWMP Update was prepared consistent with the requirements under Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act, which were added by Statute 1983, Chapter 1009, and became effective on January 1, 1984. The Act requires "every urban water supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually" to prepare, adopt, and file an UWMP with the California Department of Water Resources ("DWR") every five (5) years. 2010 UWMP updates were due to DWR by August 1, 2011.

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.

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.

A component of the Ortega Reservoir Project includes pre-collection basins that may infiltrate/recharge into the Project and the San Juan Valley groundwater basin.

Q13. ELIGIBILITY

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 San Juan Basin Authority oversees groundwater management for the San Juan Valley groundwater basin. The San Juan Basin Groundwater Management and Facility Plan (1994) and the Groundwater Management and Facility Plan, Revised Hydrology Report (1995) have been previously adopted. As part of the South Orange County WMA IR Plan Update, a finalized groundwater management and facility plan will be completed and incorporated into the Plan by the close of 2013.

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_1 of 2.pdf,Att 1_SWF_Eligible_2 of 2.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_1 of 2.pdf,Att2_SWF_Adopt_2 of 2.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_1 of 2.pdf,Att3_SWF_WorkPlan_2 of 2.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_1 of 2.pdf,Att4_SWF_Budget_2 of 2.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_1 of 1.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_1 of 1.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_1 of 1.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_1 of 3.pdf,Att8_SWF_BenCost_2 of 3.pdf,Att8_SWF_BenCost_3 of 3.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_1 of 1.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_1 of 4.pdf,Att10_SWF_SelfCert_2 of 4.pdf,Att10_SWF-SelfCert_3 of 4.pdf,Att10_SWF-SelfCert_4 of 4.pdf