

### Proposal Full View

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#### Applicant Information

Organization Name Palmdale Water District ▼ \*  
 Tax ID **956004540**  
 Proposal Name **Littlerock Reservoir Sediment Removal Project** \*  
 Proposal Objective PWD is submitting this grant application proposal for funding the Littlerock Reservoir Sediment Removal (LRSR) Project. The main objective of the project is to restore local water supply and flood control storage capacity at Littlerock Reservoir. The LRSR Project will also achieve the following objectives: preserve habitat for a federally endangered species, improve water quality for PWD customers, and reduce energy consumption and greenhouse gas emissions. \*

#### Budget

Other Contribution	\$0.00
Local Contribution	\$6,463,233.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$5,500,000.00 *
Total Project Cost	\$11,963,233.00 *

#### Geographic Information

Latitude \* DD(+/-)  MM  SS   
 Longitude \* DD(+/-)  MM  SS   
 Longitude/Latitude Clarification Location City of Palmdale  
 County Los Angeles \*  
 Ground Water Basin Antelope Valley  
 Hydrologic Region South Lahontan  
 Watershed Antelope Valley

#### Legislative Information

Assembly District 32nd Assembly District,34th Assembly District,36th Assembly District,37th Assembly District \*  
 Senate District 17th Senate District,18th Senate District \*  
 US Congressional District District 22 (CA),District 25 (CA) \*

#### Project Information

Project Name	Littlerock Reservoir Sediment Removal Project	
Implementing Organization	Palmdale Water District	
Secondary Implementing Organization		
Proposed Start Date	8/15/2013	
Proposed End Date	2/28/2020	
Project Scope	The proppsed project consists of sediment removal and construction of a grade control structure at Littlerock Reservoir.	
Project Description	The Littlerock Reservoir Sediment Removal (LRSR) Project is proposed by Palmdale Water District (PWD) in partnership with the Angeles National Forest (ANF), U.S. Department of Agriculture Forest Service (USFS) and Littlerock Creek Irrigation District (LCID). The LRSR Project proposes to restore the capacity of the reservoir to 3,325 AF through removal of 900,000 net cubic yards (equivalent to 560 AF) of accumulated sediment behind the Littlerock Dam. In addition, the LRSR Project proposes to construct a grade control structure that will prevent sediment loss and headcutting upstream of the Reservoir beyond Rocky Point to protect and preserve habitat for the federally endangered arroyo toad. Water quality, energy, and climate change benefits are also provided by the Project.	
Project Objective	PWD is submitting this grant application proposal for funding the Littlerock Reservoir Sediment Removal (LRSR) Project. The main objective of the project is to restore local water supply and flood control storage capacity at Littlerock Reservoir. The LRSR Project will also achieve the following objectives: preserve habitat for a federally endangered species, improve water quality for PWD customers, and reduce energy consumption and greenhouse gas emissions.	

#### Project Benefits Information

Project Objective

**Budget**

Other Contribution	0
Local Contribution	6463233
Federal Contribution	0
Inkind Contribution	0
Amount Requested	5500000
Total Project Cost	11963233

**Geographic Information**

Latitude DD(+/-)  MM  SS   
 Longitude DD(+/-)  MM  SS   
 Longitude/Latitude Clarification  Location   
 County Los Angeles Ground Water Basin Antelope Valley Hydrologic Region South Lahontan WaterShed  
 Antelope Valley

**Legislative Information**

Assembly District	32nd Assembly District,34th Assembly District,36th Assembly District,37th Assembly District
Senate District	17th Senate District,18th Senate District
US Congressional District	District 22 (CA),District 25 (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 Littlerock Reservoir Sediment Removal Project will remove 900,000 net cubic yards of sediment that has accumulated from runoff behind Littlerock Dam. The Project also include a grade control structure that will protect the identified critical habitat of the federally endangered arroyo toad. The Project will monitor water quality, and contin protect habitat and wildlife. The project is expected to increase the flood control and water storage capacity, and reliability of surface water storage in Littlerock Reservoir

**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.

Dennis LaMoreaux Genral Manager - Palmdale 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.

Matt Knudson Assistant General Manager 2029 East Avenue Q Palmdale, CA 93550 Phone:(661)947-4111 Email:mknudson@palmdalewater.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.

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**Q5. ADDITIONAL INFORMATION**

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

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

Lahontan

**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)

Region 6- South Lahontan

**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- Antelope Valley (Lahontan Funding 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.

Local Public Agency

**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.

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**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.

Yes - Palmdale Water District has an adopted and DWR-verified 2010 UWMP

**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.

Yes - the Local Groundwater Assistance Grant Program

**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.

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.

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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- PWD submits annual diversion/extraction notices to report annual diversions from Littlerock on an annual basis to the SWRCB.

**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.

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**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 Antelope Valley State Water Contractors Association has taken on the role of administering the CASGEM program.

**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\_1of2.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\_2of2.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 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: Att 5\_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: Att 6\_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: Att 7\_SWF\_TechJust\_1of2.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: Att 7\_SWF\_TechJust\_2of2.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.

#### **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: Att 8\_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.

Last Uploaded Attachments: Att 8\_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.

**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: Att 9\_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: Att 10\_SWF\_SelfCert\_1of1.pdf

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