

Antelope Valley Integrated Regional Water Management Plan

Call for Projects

Project Identification Form

Note: Please refer to the *Department of Water Resources, 2016 Integrated Regional Water Management, Proposition 1 Grant Program Guidelines, January 2016* for additional information about the items requested below
https://www.water.ca.gov/LegacyFiles/irwm/grants/docs/p1Guidelines/2016Prop1IRWMPGuidelines_FINAL_07192016.pdf.

General Information

Project Name:

Project Sponsor:

Has Project Sponsor Adopted or will adopt the AV IRWMP?

If joint Project, Other Partners:

Project Contact Person:

Phone:

FAX:

Email:

Project Description

Project Description (1-2 Sentences):

Project Integration (Describe how the project does or could integrate with other projects in the Region by describing synergies or linkages between projects that result in added value or require coordinated implementation or operation):

Project Source (Cite plan(s) that describe or develop the Project (e.g., Watershed Master Plan, Recycled Water Master Plan, etc.):

Project Location

Description of Project Location:

Latitude/Longitude - info available at: <http://geocoder.us>

Lat:

Long:

Project Benefits (please provide a brief description and quantified benefits, if available)

Water Supply: New Supply Created = _____ AFY or Check One: 1-100 AF 100-1,000 AF 1,000+ AF

Water Quality improved:

Area Drained and/or:

Volume Treated:

Public Access, Open Space, Habitat, Recreation (acres created/restored):

Does the Project Offset Water Supply from the Sacramento-San Joaquin Delta:

Does the Project provide flood management/protection?

Does the Project reduce energy consumption?

Does the Project reduce greenhouse gas (GHG) emissions?

Other (Describe "x" Amount of Benefit):

A. Indicate how the Project contributes to the IRWM Plan objectives

Select the IRWM Plan objectives the project will help to achieve in the table below.

Objectives	Select
Water Supply	
Provide reliable water supply to meet the Antelope Valley Region's expected demand between now and 2035	
Establish a contingency plan to meet water supply needs of the Antelope Valley Region during a plausible disruption of SWP deliveries	
Stabilize groundwater levels	
Water Quality	
Provide drinking water that meets regulatory requirements and customer expectations	
Protect and maintain aquifers	

Protect and maintain natural streams and recharge areas	
Maximize beneficial use of recycled water	
Flood Management	
Reduce negative impacts of stormwater, urban runoff, and nuisance water, and adapt to climate change impacts in the future	
Optimize the balance between protecting existing beneficial uses of stormwater and capturing stormwater for new uses	
Environmental Resources Management	
Preserve open space and natural habitats that protect and enhance water resources and species in the Antelope Valley Region	
Land Use Planning/Management	
Maintain agricultural land use within the Antelope Valley Region	
Meet growing demand for recreational space	
Improve integrated land use planning to support water management	
Climate Change	
Mitigate against climate change	

B. How the Project is related to Resource Management Strategies (as defined by the California Water Plan Update 2009)

Select the Resource Management Strategies the Project will employ to help meet the IRWM Plan objectives.

Resource Management Strategies	Select
Reduce Water Demand	
Agricultural water use efficiency	
Urban water use efficiency	
Improve Operational Efficiency and Transfers	
Conveyance-delta	
Conveyance-regional/local	
System reoperation	
Water transfers	
Increase Water Supply	
Conjunctive management & groundwater	
Desalination	
Precipitation enhancement	
Recycled municipal water	
Surface storage – CALFED	
Surface storage – regional/local	
Improve Water Quality	
Drinking water treatment and distribution	
Groundwater and aquifer remediation	
Matching water quality to use	
Pollution prevention	
Salt and salinity management	
Urban runoff management	
Practice Resources Stewardship	
Agricultural lands stewardship	
Ecosystem restoration	
Forest management	
Land use planning and management	
Recharge areas protection	
Sediment Management	
Watershed management	
Improve Flood Management	
Flood risk management	
People and Water	

Resource Management Strategies	Select
Economic incentives (Loans, grants, and water pricing)	
Outreach and Engagement	
Water and Culture	
Water-dependent recreation	
Other	
Crop idling for water transfers	
Dewvaporation or atmospheric pressure desalination	
Fog collection	
Irrigated land retirement	
Rainfed agriculture	
Snow Fences	
Waterbag transport/storage technology	

C. Technical Feasibility of the Project

Provide a list of studies/reports/documents that have been prepared for the Project:

Explain why there is sufficient technical documentation to support each of the benefits claimed above:

Describe the level of information known about the geologic conditions, hydrology, ecology or other aspects of the system where the project is located:

Explain data gaps that require additional studies to be developed for the project:

D. Specific Benefits to Critical DAC Water Issues

Describe how the Project addresses water supply and water quality needs of Disadvantaged Communities (DACs)¹:

E. Specific Benefits to Critical Water Issues for Native American Tribal Communities

Describe how the Project addresses water supply and water quality needs of Native American tribal communities:

F. Environmental Justice Considerations²

Explain any environmental justice issues related to implementation of the Project:

G. Project Costs and Financing

Estimated capital costs: \$_____ or check rough estimate: <\$100K \$100K-\$1M \$1M-\$10M >\$10M

Estimated Project annual operations and maintenance costs: \$_____

Estimated year of construction and year of Project startup:

Provide a copy of (or link to) the cost estimate, if available:

Explain funding sources/financing for the Project (e.g., State funding, regional assessments, CIP, etc.):

H. Economic Feasibility

Has a cost-effectiveness or benefit-cost analysis been performed for the Project?

Provide a copy of (or link to) the economic analysis, if available:

I. Project Status (i.e., readiness to proceed)

Project Status (Check one): Conceptual Design Ready for Construction CEQA Compliance

J. Strategic Considerations for IRWM Plan Implementation

¹ Disadvantaged Communities are defined as communities with an annual mean household income that is less than 80 percent of the Statewide annual median household income.

² Environmental justice seeks to redress inequitable distribution of environmental burdens (i.e., pollution, industrial facilities) and access to environmental good (i.e., clean water and air, parks, recreation, etc.).

Can the Project be integrated with other regional projects?

K. Contribution of the Project in Adapting to the effects of Climate Change

Explain how the Project addresses climate change:

Has any kind of climate change analysis been completed? If so, please provide a copy of (or link to) the analysis:

L. Contribution of the Project in Reducing GHG Emissions as Compared to Project Alternatives

Explain how the Project will aid the IRWM region in reducing GHG emissions:

Check if Project considers the strategies adopted b CARB in its AB 32 Scoping Plan.