



Antelope Valley Integrated Regional Water Management Plan
 Proposition 50 Round 2, Step 1 Grant Application
Attachment 2: Consistency with Minimum Plan Standards

Attachment 2 must be no more than 3 pages in length using a minimum 10-point type font. In Attachment 2 of the application, discuss the manner in which the Plan meets each of the Minimum Plan Standards as described in Attachment A of the Guidelines. To be eligible for funding, the applicant must document that its Plan meets the Minimum IRWM Plan Standards.

The Antelope Valley Integrated Regional Water Management Plan (AV IRWM Plan) will meet the minimum IRWM Plan standards as demonstrated in the table below.

Minimum Standard
Must be adopted prior to submittal of the Step 2 application.
<p>The AV IRWM Plan will be adopted prior to submittal of the Step 2 application. A Public Review Draft of the AV IRWM Plan was circulated in July 2007 and another updated Public Review Draft is planned for circulation in October 2007. The Final AV IRWM Plan will then be submitted to the governing bodies of the Regional Water Management Group (RWMG) for review in November 2007, with adoption of the Final AV IRWM Plan scheduled in December 2007, prior to submittal of the Step 2 application.</p> <p>A schedule for completion and adoption of the Plan is provided in Table 1-1 of Attachment 1 of this Grant Application, and is also provided in Table 8-3 (pg. 8-19) of the AV IRWM Plan.</p>
Participation of at least three agencies, two of which have statutory authority over water management, which may include water supply, water quality, flood control, or storm water management.
<p>The RWMG consists of 11 participants including two sanitation districts, one Joint Powers Authority of the Region's State Water Project contractors, six water districts, and two cities. All of these agencies have statutory authority over water management in the Region. Refer to Table 1-1 (pg. 1-11) in Section 1.2.1 of the AV IRWM Plan for a list of the members of the RWMG and their roles and responsibilities specific to the AV IRWM Plan development and its implementation.</p> <p>In addition to the participants of the RWMG, the AV IRWM Plan is being developed through the participation of over 40 agencies and organizations, including water purveyors in the Antelope Valley Region, general purpose agencies, special districts, business and agricultural interests, and environmental organizations (Section 1.2.2, pg. 1-12).</p>
Provides a map of the region showing the local agencies in the area covered by the Plan and the location of the proposed implementation projects.
<p>The 2,400 square miles of the Antelope Valley Region lie in the southwestern part of the Mojave Desert in Southern California. Figures 2-1 (pg. 2-4) and 2-2 (pg. 2-5) in Section 2.0 of the AV IRWM Plan graphically depict the boundaries of the Antelope Valley Service Districts and the Antelope Valley City Boundaries and Special Districts, respectively, with locations of the major roads and county lines within the Region also identified.</p> <p>Figure 6-1 (pg. 6-24) in Section 6.0 of the AV IRWM Plan shows the locations of all of the proposed implementation projects. Refer to Table 6-4 (pg. 6-22) for the legend key linking each implementation project to its location on Figure 6-1.</p> <p>Some of the high priority project templates included in Appendix F also include project-specific location maps.</p>

Contains one or more regional objectives.

The 12 AV IRWM Plan objectives are all regional in nature and broken into five broad resource management categories. The five objective categories are: water supply management; water quality management; flood management; environmental resource management; and land use management. The 12 objectives contained in the Plan are:

1. Provide reliable water supply to meet the Antelope Valley Region's expected demand between now and 2035
2. Establish a contingency plan to meet water supply needs of the Antelope Valley Region during a plausible disruption of SWP water deliveries
3. Stabilize groundwater levels at current conditions
4. Provide drinking water that meets customer expectations
5. Protect aquifer from contamination
6. Protect natural streams and recharge areas from contamination
7. Maximize beneficial use of recycled water
8. Reduce negative impacts of stormwater, urban runoff, and nuisance water
9. Preserve open space and natural habitats that protect and enhance water resources and species in the Antelope Valley Region
10. Maintain agricultural land use within the Antelope Valley Region
11. Meet growing demand for recreational space
12. Improve integrated land use planning to support water management.

Please refer to Section 4.0 (pg. 4-1) of the AV IRWM Plan for a detailed discussion of how these objectives were developed along with their associated planning targets.

Documents that the following water management strategies were considered (CWC §§ 79562.5 and 79564) when formulating the IRWM Plan:

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| ✓ Water supply reliability | ✓ Flood management |
| ✓ Groundwater management | ✓ Recreation and public access |
| ✓ Water quality protection and improvement | ✓ Ecosystem restoration |
| ✓ Water recycling | ✓ Wetlands enhancement and creation |
| ✓ Water conservation | ✓ Environmental and habitat protection and improvement |
| ✓ Stormwater capture and management | |

Section 5.1.1 (pg. 5-4) of the AV IRWM Plan documents that the 11 required water management strategies were considered during formation of the Plan. Additionally, the RWMG evaluated the 9 additional management strategies identified in the State IRWM Plan Guidelines (CWC §§ 79562.5 and 79564) within the AV IRWM Plan, and not just those that are required to be considered (pgs. 5-4 to 5-7). Therefore, the following strategies were also addressed:

- Conjunctive use
- Desalination
- Imported water
- Land use planning
- NPS pollution control
- Surface storage
- Watershed planning
- Water and wastewater treatment
- Water transfers

Additionally, in the AV IRWM Plan, the 20 water management strategies were aggregated with those identified in the California Water Plan into five water management strategy areas: water supply management; water quality management; flood management; environmental resource management; and land use management (see Table 5-1 [pg. 5-3]). A comparison of the water management strategies with California Water Plan strategies can be found in Table 5-1 (pg. 5-3) of the AV IRWM Plan.

Integrates two or more water management strategies listed in Table 2 of the Guidelines.

Integration of strategies is considered in multiple contexts and is presented in Sections 6.0 and 7.0 of the AV IRWM Plan. Throughout the planning process, individual, single-purpose projects were integrated and/or expanded into multi-purpose projects by employing multiple water management strategies.

For example, the Upper Amargosa Creek Recharge, Flood Control, & Riparian Habitat Restoration Project (Upper Amargosa) was initially proposed to store imported State Water Project water into the most depressed area of the underlying aquifer for future uses. However, the flood management and ecosystem restoration strategies were employed to provide additional project benefits such as increase in the amount of protected natural habitat and improved flood prevention within the Amargosa Creek watershed. As a result, the Upper Amargosa project integrates 9 of the following water management strategies that are listed in Table 2 of the Guidelines:

- Ecosystem Restoration
- Environmental and habitat protection and improvement
- Water Supply Reliability
- Flood management
- Groundwater management
- Recreation and public access
- Storm water capture and management
- Water quality protection and improvement
- Wetlands enhancement and creation

Presents project prioritization and a schedule for project implementation to meet regional needs.

Section 7.3 (pg. 7-6) of the AV IRWM Plan describes the project prioritization process. The resulting prioritization of all the implementation projects are presented in Table 7-2 (pg. 7-17), with projects prioritized as *high*, *medium*, and *low*. Also included in Table 7-2 (pg. 7-17) is the schedule for each project's implementation.

- A '*high*' priority was assigned to projects the group would take action on within the next two (2) years.
- A '*medium*' priority was assigned to projects the group would take action on within the next five (5) years.
- A '*low*' priority was assigned to projects the group would take action on within the next 5 to 10 years.

These implementation schedules are consistent with the regional short-term and long-term priorities that have been identified for the Antelope Valley Region, and can be found on page 7-13.

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