

Attachment

9

*Implementation Grant Proposal
BCSD Arsenic Management Feasibility Study and Well Design
Program Preferences*

Attachment 9 consists of the following items:

- ✓ **Program Preferences.** Attachment 9 contains detailed information on how the proposal will meet the program preferences described in the IRWM Guidelines.

This attachment discusses how this proposal addresses the program preferences outlined in Section II.F of the 2012 Integrated Regional Water Management Guidelines. Specifically, it describes for the Antelope Valley IRWM Region (Region): (1) the specific Program Preferences met by Planning/Design Project, (2) the certainty that the Proposal project will meet the Program Preferences, and (3) the breadth and magnitude to which the Program Preferences will be met.

Program Preferences Achieved by this Proposal

The Construction Project that will be recommended by the Planning/Design Project¹ included in this Proposal meets six of the seven Program Preferences identified in the 2012 Integrated Regional Water Management Guidelines, and each of the projects address multiple Program Preferences.

In addition, the Construction Project will address critical water quality and supply needs of disadvantaged communities (DACs). These projects are among the Region’s highest priority water supply reliability and water quality projects, lending a high degree of certainty that the Construction Project will proceed as planned, providing significant local, regional, and statewide benefits. For additional details on the DAC areas served by the Construction Project, see Attachment 10.

Table 11-1 identifies the Program Preferences that will be met.

¹ For the purposes of this grant application, the term “Planning/Design Project” is used to refer to the planning/design phase, which is the phase seeking funding under Proposition 84, Round 2. The term “Construction Project” is used to refer to the construction phase, which will occur later and is not seeking funding under Round 2.

Table 11-1: Program Preferences Addressed by Construction Project

Project	Program Preferences						
	Includes Regional Projects or Programs	Integrates Projects within Hydrological Sub-region	Resolves Significant Water-Related Conflicts	Contributes to Attainment of one or more CALFED objectives	Addresses Critical Water Supply or Quality Needs of DAC	Integrates Water Management with Land Use Planning	Addresses Statewide Priorities
Citywide Storm Drain Catch Basin Curb Screens	✓	✓	✓	✓	✓		✓

Program Preferences Addressed by this Project:

- ✓ **Regional Project:** The Construction Project will meet the regional criteria as defined by CWC §10537, by improving water quality, including drinking water treatment and distribution, and groundwater and aquifer remediation.
- ✓ **Integrates Projects within a Hydrological Sub-Region:** The Construction Project integrates with other projects in the AV Region that also meet the IRWM objectives to provide reliable water supply to meet the Antelope Valley Region's expected demand between now and 2035, provide drinking water that meets customer expectations, and protect the aquifer from contamination.
- ✓ **Resolves Significant Water-Related Conflicts:** The Construction Project effectively resolves significant water-related conflicts between regions by helping to meet the requirements of a compliance order received from CDPH for violation of the Safe Drinking Water Act MCL for arsenic.
- ✓ **Contributes to Attainment of one or more CALFED objectives:** The Construction Project could potentially contribute to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It could also contribute to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands.
- ✓ **Addresses critical water supply or water quality needs of DACs:** The Construction Project will provide benefits to the DAC-designated town of Boron, and specifically the service area of BCSD, by providing local water quality improvements that will help to restore the availability of local groundwater supplies.
- ✓ **Statewide Priorities:** The Construction Project addresses several Statewide Priorities described as follows.

Statewide Priorities Being Met

Drought Preparedness. The Construction Project will make additional locally-produced, drought-resistant groundwater supplies available for end users in the Antelope Valley Groundwater Basin.

Use and Reuse Water More Efficiently. The Construction Project will increase the availability of local groundwater supplies. This could have the side benefit of offsetting imported water demands from the Sacramento-San Joaquin Delta.

Climate Change Response Actions. The Construction Project may reduce the energy consumption of water systems by replacing energy-intensive imported water supplies with

lower-energy local pumped groundwater supplies. These measures will reduce overall greenhouse gas emissions as well.

Protect Surface Water / Groundwater Quality. The Construction Project may protect and restore groundwater quality in the Antelope Valley groundwater basin by reducing constituent loadings that are infiltrated to the aquifer through return flows.

Ensure Equitable Distribution of Benefits: The Construction Project will ensure equitable distribution of benefits by providing supply benefits to the DAC-designated town of Boron, and help meet State policies intended to access safe, clean, and affordable water.

Certainty of Preferences Being Met

The Planning/Design and Construction Projects address these preferences with a high degree of certainty. The proponents have completed a project scope of work and budget, and the Planning/Design Project and Construction Project were recently accepted into the 2007 Antelope Valley IRWMP. This indicates that BCSD has the support of the stakeholder group that administers the Antelope Valley IRWMP. The Construction Project is not dependent on any other projects to provide the benefits (except for the Planning/Design Project). Also, for the facilities proposed in the Construction Project, there are no known regulatory or institutional obstacles that would prevent the benefits from being realized.

Breadth and Magnitude of Preferences and Priorities Being Met

By providing local water quality improvements and supply reliability, the Construction Project helps to provide **LOCAL** benefits. By making AVEK water available for other potential uses in the Region, the Construction Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Construction Project provides **STATEWIDE** benefits.