

Phoenix Lake IRWM Retrofit

Attachment 11 - Program Preferences

This attachment describes how the Phoenix Lake IRWM Retrofit assists in meeting the Program Preferences described in the Proposition 84 and 1E Guidelines, Section II.F. Each Program Preference is followed by a description. The descriptions include the breadth and magnitude and the certainty to which the preferences will be met. For the sake of brevity, these descriptions are concise summaries of information that is presented in detail through this grant proposal.

Include regional projects or programs (CWC §10544)

The Phoenix Lake IRWM Retrofit is the keystone of the greater Ross Valley Flood Reduction and Watershed Management Program. The Program is a regional program in that it addresses flood and other watershed issues on a watershed scale, covering four municipalities and two unincorporated communities in the County of Marin. The Retrofit will bring together two agencies, FZ9 and MMWD to address a long standing problem of flooding in Ross Valley.

Effectively resolve significant water-related conflicts within or between regions

The Water Supply Project component of the Phoenix Lake IRWM Retrofit aims to increase the reliability of local water supplies. The extent to which the reliability of local supplies are improved, and to the extent that the additional local supply created by the Project can replace imported supplies, the Water Supply Project will provide regional benefit to the greater Bay Area region by replacing imported supplies.

For eligible SWFM funding, projects which: a) are not receiving State funding for flood control or flood prevention projects pursuant to PRC §5096.824 or §75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.

The Phoenix Lake IRWM Retrofit directly provides multiple benefits, including flood damage reduction, water quality improvement, ecosystem restoration, reduction of instream erosion and sedimentation, and recreation and public access improvement. These benefits are described in detail throughout the grant proposal.

Address Statewide priorities (Table 1 of the Guidelines establishes the specific Statewide Priorities for the IRWM Grant Program.)

Drought Preparedness: The Water Supply Project component of the Phoenix Lake IRWM Retrofit increases the yield of local supplies available to MMWD by up to 107

acre-feet per year over the long term average and up to 50 acre-feet per year during shortages. In doing so, the reliability of local water supplies is increased and MMWD is better prepared for shortages and extended droughts.

Expand Environmental Stewardship: The Recreation and Public Access Project component of the Phoenix Lake IRWM Retrofit includes upgrading visitor use facilities by providing benches, bathrooms, and educational kiosks. These improvements will enhance the visitor experience, bring about public outreach, stewardship, and education, and reduce user impacts to the Phoenix Lake watershed.

Practice Integrated Flood Management: The Phoenix Lake IRWM Retrofit will involve a partnership of two agencies, FZ9 and MMWD, with different yet complementary responsibilities -- flood control/water conservation and water supply. The Retrofit is an excellent example of a Proposal that brings two agencies together and promotes and practices integrated flood management to provide multiple benefits, including flood damage reduction, water quality improvement, ecosystem restoration, reduction of instream erosion and sedimentation, and recreation and public access improvement. These benefits are described in detail throughout the grant proposal.

Protect Surface Water and Groundwater Quality: The Water Quality, Ecosystem Restoration, and Recreation/Public Access component projects of the Phoenix Lake IRWM Retrofit contain elements that protect and enhance surface water quality for purposes of drinking water supply, public recreation, and environmental/aquatic habitat. These benefits are described in detail throughout the grant proposal.