Attachment 7

# Greater Los Angeles County Region

## *IRWM Implementation Grant Proposal*

## *Program Preferences*

This attachment discusses how this proposal addresses the program preferences outlined in Section II.F of the 2014 Integrated Regional Water Management Guidelines. Specifically, it describes for the Greater Los Angeles County (GLAC) Region (Region): (1) the specific Program Preferences that are met by each of the projects, (2) the certainty that the Proposal projects will meet the Program Preferences, and (3) the breadth and magnitude to which the Program Preferences will be met, in addition to the Human Right to Water Policy. For the purpose of this application, the following terms are used to define the breadth and magnitude to which each project addresses Program Preferences, Statewide Priorities, and the Human Right to Water Policy:

- Local: Project benefits are focused locally within the project area.
- Regional: Project benefits extend throughout the GLAC IRWM Region (Region).
- Statewide: Project benefits are widespread and will benefit not only the Region but other areas throughout California.

Details regarding how this proposal addresses the Human Right to Water Policy are provided in the first section below. Table 7-1 illustrates how the projects included in this proposal address the Program Preferences and Statewide Priorities. Detailed information describing how the projects address the program preferences is included in the narrative that follows.

**Human Right to Water Policy**

The Human Right to Water Policy (AB 685 (2012)/CWC § 106.3) states that every human being has the right to clean, affordable, and accessible water for human consumption, cooking, and sanitary purposes. The Region has an overarching goal to improve water supply reliability and improve sustainability and water quality for municipal and environmental uses. In working towards achieving these goals, the Region is continually striving to fulfill the mission of the Human Right to Water Policy.

The projects in this proposal all address the Human Right to Water Policy by increasing the availability of clean, safe drinking water supplies by expanding the use of local groundwater and recycled water and by preserving all potable supplies with conservation programs. This suite of projects will help to ensure that more potable supplies are available for uses should the 2014 drought extend into 2015 and beyond.

**Program Preferences Achieved by this Proposal**

The projects included in this Proposal meet all of the Program Preferences identified in the 2014 Integrated Regional Water Management Guidelines, and each of the projects address multiple Program Preferences. Of particular significance, there is a high degree of certainty that the Proposal will include Regional Projects, resolve significant water-related conflicts, contribute to the attainment of CALFED Bay-Delta Program objectives, and address Statewide Priorities at the local, regional, and statewide levels. There is also a high degree of certainty that the Proposal will meet the other Program Preferences at the local and regional levels.

The projects included in this proposal are: Groundwater System Interconnection Project (Interconnect), Mission Well Improvement Project (Mission), Manhattan Well Improvement Project (Manhattan), Terminal Island Water Reclamation Plant Advanced Water Purification Facility and Distribution System Expansion (TIWRP), Recycled Water Turnouts Project (Turnouts), Goldsworthy Desalter Expansion Project (Goldsworthy), Be a Water Saver Conservation Program Project (Water Saver), On-Site Recycled Water Retrofits Project (Retrofits), Upper San Gabriel Valley Municipal Water District Recycled Water Program Expansion (USGVMWD), West Coast Basin Barrier Project Unit 12 Injection and Observation Wells (Barrier), Rockhaven Well Project (Rockhaven), Water Budget Based Rates Implementation (Budget Based), Well No. 2 Rehabilitation Project (Well No. 2), Pomona Basin Regional Groundwater Project (Pomona Basin).

Table 7-1 lists each project and identifies which Program Preferences are met.

**Table 7-1: Program Preferences Addressed by Project**

| Project | Program Preferences | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Includes Regional Projects or Programs | Integrates Projects within Hydrological Region | Resolves Significant Water-Related Conflicts | Contributes to Attainment of CALFED objectives | Addresses Critical Water Supply or Quality Needs of DAC | Integrates Water Management with Land Use Planning | Is Part of an IRWM Plan that helps reduce Delta reliance | Addresses Statewide Priorities | Meets Goals of Human Right to Water Policy |
| **Interconnect** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **Mission** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **Manhattan** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **TIWRP** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Turnouts** | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| **Goldsworthy** | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| **Water Saver** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **Retrofits** | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| **USGVMWD** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Barrier** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **Rockhaven** | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| **Budget Based** | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| **Well No. 2** | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| **Pomona Basin** | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| **PROPOSAL** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Certainty** | High | High | High | High | High | High | High | High | High |
| **Breadth and Magnitude** | Local, Regional and Statewide | Local, Regional | Local, Regional and Statewide | Local, Regional and Statewide | Local, Regional | Local, Regional | Local, Regional and Statewide | Local, Regional and Statewide | Local, Regional |

## Project 1: Los Angeles-Burbank Groundwater System Interconnection Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by replacing deteriorated production wells with new wells. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water and drinking water quality. The Project also integrates with other groundwater supply projects included in this application, such as the Mission, Manhattan, Inglewood, Goldsworthy, Rockhaven, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes 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:** This Project will address critical water supply needs of the City of Los Angeles within LADWP's 830 service zone, which has been designated as a DAC. The Project will improve local water supply, thus reducing the need to use more costly imported supplies. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. *Ensure Equitable Distribution of Benefits:* This Project will ensure equitable distribution of benefits by providing water supply and other benefits to the DAC-designated Project area. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met:*** This Project addresses these preferences with a HIGH degree of certainty. LADWP is currently completing the planning stages. The Project is not dependent on any other project and 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 supply reliability, the Project provides **LOCAL** water supply to the City of Los Angeles. By providing valuable groundwater quality improvements in the San Fernando Basin, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 2: Mission Wells Improvement Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by replacing deteriorated production wells with new wells. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water and drinking water quality. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Manhattan, Inglewood, Goldsworthy, Rockhaven, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED**

**objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes 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:** This Project will address critical water supply needs of the City of Los Angeles within LADWP's 1134 pressure service area, which has been designated as a DAC. The Project will improve local water supply, thus reducing the need to use more costly imported supplies. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. *Ensure Equitable Distribution of Benefits:* This Project will ensure equitable distribution of benefits by providing water supply and other benefits to the DAC-designated Project area. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met:*** This Project addresses these preferences with a **HIGH** degree of certainty. LADWP is currently completing the planning stages. The Project is not dependent on any other project and 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 supply reliability, the Project provides **LOCAL** water supply to the City of Los Angeles. By providing valuable groundwater quality improvements in the Sylmar Basin, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 3: Manhattan Wells Improvement Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by replacing deteriorated production wells with new wells. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water and drinking water quality. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Mission, Inglewood, Goldsworthy, Rockhaven, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes 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:** This Project will address critical water supply needs of the City of Los Angeles within the Project area, which has areas that have been designated as DACs. The Project will improve local water supply, reducing the need to use more costly imported supplies. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.*

This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. *Ensure Equitable Distribution of Benefits:* This Project will ensure equitable distribution of benefits by providing water supply and other benefits to the DAC-designated Project area. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. LADWP is has completed the planning work and is currently completing design and permitting. The Project is not dependent on any other project and 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 supply reliability, the Project provides **LOCAL** water supply to the City of Los Angeles. By providing valuable groundwater quality improvements in the Central Basin, the Project provides **REGIONAL** benefits**;** and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 4: Terminal Island Water Reclamation Plant (TIWRP) Advanced Water Purification Facility and Distribution System Expansion

***Program Preferences Addressed by this Project***: **Regional Project**: The Project meets the regional criteria as defined by CWC §10537, by increasing water supply through the use of water recycling and improving resource stewardship, including ecosystem restoration and water-dependent recreation at Machado Lake. **Integrates Projects within a Hydrological Region:** The Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water, improve water quality, protect and improve groundwater and drinking water quality, protect, restore, and enhance natural processes and habitats, and maintain and enhance public infrastructure related to water resources and water quality. This Project also integrates with other recycled water projects included in this application, such as Recycled Water Turnouts, Recycled Water Retrofits, Recycled Water Program Expansion, and West Coast Basin Barrier Wells. **Resolves Significant Water-Related Conflicts:** The Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on, and augmenting groundwater supplies. The Project also effectively resolves significant water-related conflicts within the Region by helping to address TMDLs for contaminants at Machado Lake. **Contributes to Attainment of one or more CALFED objectives:** The Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes 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 Project will provide benefits to the DAC-designated cities of Wilmington, West Long Beach, Lomita/Southwest Carson, Central San Pedro, and Central Long Beach by providing local supplies that will help to offset the use of more costly imported water. **Integrates Water Management with Land Use Planning:** This Project effectively integrates water management with land use planning by considering the land uses to which recycled water is permitted. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* The Project will make additional locally-produced, drought-resistant recycled water supply available for groundwater recharge or end users in the West Coast Basin. The Project uses recycled water for injection into the groundwater to prevent seawater intrusion and in so doing will offset demands for less reliable and more costly imported supplies. *Use and Reuse Water More Efficiently.* The Project will provide a consistent, drought-proof source of high quality water to offset potable demands by providing recycled water for non-potable uses and help eliminate imported water for groundwater injection to protect the West Coast Basin from seawater intrusion. *Climate Change Response Actions.* The Project will reduce energy consumption by replacing energy-intensive

imported water supplies with lower-energy local recycled water. This measure will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* By offsetting and eliminating demands for imported water, the Project will help to protect, restore, and enhance habitat in the Delta ecosystem. The Project will collectively enhance the environment by restoring in-stream, riparian, and wetland functions at Machado Lake. *Protect Surface Water / Groundwater Quality.* The Project will protect and restore groundwater quality in the West Coast Basin by providing higher quality recycled water for groundwater injection to prevent and protect the West Coast Basin from seawater intrusion. The Project also protects and restores surface water quality in Machado Lake. *Ensure Equitable Distribution of Benefits*: The Project will ensure equitable distribution of benefits by providing supply benefits to the DAC-designated cities of Wilmington, West Long Beach, Lomita/Southwest Carson, Central San Pedro, and Central Long Beach, and help meet State policies intended to access safe, clean, and affordable water. **Addresses Human Right to Water**: This Project supports the Dominguez Gap Barrier which provides locally-produced clean, affordable, and accessible water to residents overlying the West Coast Basin. The Barrier also protects safe drinking water supplies throughout the rest of the West Coast Basin. In addition, the Project allows for the offset of imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: The Project addresses these preferences with a **HIGH** degree of certainty. The feasibility study and environmental assessment have been completed and the planning, pre-project monitoring, and permits are currently underway. The treatment processes to be used are well-demonstrated technologies and the water quality benefits. Recycled water use for both groundwater recharge and irrigation purposes has over 60 years of success in the Region. The Project is not dependent on any other projects to provide the benefits. For the end uses proposed in this 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 supply reliability for irrigation users and for seawater intrusion, the Project provides **LOCAL** benefits. By increasing groundwater supplies to the West Coast Basin via high quality recycled water, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 5: Recycled Water Turnouts Project

***Program Preferences Addressed by this Project***: **Regional Project:** This Project meets the regional criteria as defined by CWC §10537, by implementing increased water supply through the use of water recycling. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources and reduce the Region's reliance on imported water, and to protect and improve groundwater and drinking water quality. This Project also integrates with other recycled water projects included in this application, such as the TIWRP Expansion, Recycled Water Retrofits, Recycled Water Program Expansion, and West Coast Basin Barrier Wells. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on, and augmenting groundwater supplies. The Project also contributes the SWRCB Recycled Water Policy that mandates increased recycled water use by 2030. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED Bay-Delta Program by offsetting demands for imported water. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Part of an IRWM Plan that Helps Reduce Delta Reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance, which includes reduced reliance on the State Water Project and Delta. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will make locally-produced, drought-resistant recycled water supplies available for groundwater recharge and offset demands for less reliable and more costly imported supplies. *Use and Reuse Water More Efficiently.* This Project will increase water recycling to help meet future water demands and increase water supply reliability, as well as improve supply reliability by increasing local water use and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. This will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* By offsetting and eliminating demands for imported water, the Project will help to protect, restore, and enhance habitat in the Delta ecosystem.

*Protect Surface Water and Natural Resources.* This Project will protect and restore surface water quality in the Santa Monica Bay by reducing bacteria loads through soil aquifer treatment. **Addresses Human Right to Water**: This Project supports the Montebello Forebay Spreading Grounds which provides locally-produced clean, affordable, and accessible water to residents overlying the Central Basin. In addition, the Project allows for the offset of imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. WRD has completed a feasibility study and concept report that validates the water supply and water quality benefits. This Project is not dependent on any other project and does not contain any 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 supply reliability for groundwater recharge, the Project provides **LOCAL** benefits. By increasing groundwater supplies to the Central Basin via high quality recycled water, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 6: Goldsworthy Desalter Expansion Project

***Program Preferences Addressed by this Project***: **Regional Project:** This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, implementing increased water supply and water quality of a regionally utilized water supply (i.e., the groundwater basin) by treating quality impacted groundwater. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources and reduce the Region's reliance on imported water, and protect and improve groundwater and drinking water quality. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Mission, Inglewood, Manhattan, Rockhaven, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts within the Region and between regions by offsetting demands for imported water. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED Bay-Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance, which includes reduced reliance on the State Water Project and Delta. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Bay-Delta ecosystem by offsetting imported water by offsetting demand for imported water from the Delta. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. The City of Torrance has several technical studies, a feasibility study, planning documents, and CEQA work completed to validate the local water supply benefits and preferences to be met. The Project is not dependent on any other project and does not contain any 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 supply reliability, this Project helps to provide **LOCAL** benefits to the City of Torrance. By increasing groundwater supply for the Region and improving groundwater quality, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 7: Be a Water Saver Conservation Program Project

***Program Preferences Addressed by this Project:*** **Regional Project:** This Project meets the regional criteria as defined by CWC §10537, by implementing increased water supply through the use of stormwater management, conservation, improved water quality, and management of urban runoff. **Integrates Projects within a Hydrological Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water. This Project also integrates with other conservation projects in this application, such as the Water Budget Based Rates Implementation. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes 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 Project will provide benefits to the DAC-designated areas within the City of Burbank by supporting conservation measures that will help to offset the use of more costly imported water. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance, which includes reduced reliance on the State Water Project and Delta. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* The Project will implement water use efficiency measures that will offset water demand. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. This will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will protect and enhance the environment by improving the Santa Monica Bay Watershed by reducing urban runoff, and will help to protect, restore, and enhance habitat in the Bay-Delta ecosystem by offsetting imported water. *Protect Surface Water and Natural Resources.* This Project will protect and restore surface water quality in the Santa Monica Bay by reducing bacteria loads caused by urban runoff. **Addresses Human Right to Water**: This Project helps to secure locally-produced clean, affordable, and accessible water to residents by conserving water in the BWP service area. In addition, the Project allows for the offset of imported water with less expensive conservation programs.

***Certainty of Preferences Being Met:*** This Project addresses these preferences with a **HIGH** degree of certainty. Conservation programs of this type have historically been effective in the Region. This Project is not dependent on any other project and does not contain any 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 supply reliability, this Project helps to provide **LOCAL** benefits to the City of Burbank. By reducing local demands supplied partially through a regional system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 8: On-Site Recycled Water Retrofits Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by increasing water supply through the use of water recycling and matching water quality to water use by using non-potable recycled water for irrigation purposes. **Integrates Projects within a Hydrological Sub-Region:** The Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources and reduce the Region's reliance on imported water, and protect and improve groundwater and drinking water quality. This Project also integrates with other recycled water projects included in this application, such as Recycled Water Turnouts, Terminal Island Reclamation Plant Advanced Water Purification Facility and Distribution System Expansion, Recycled Water Program Expansion, and West Coast Basin Barrier Wells. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on, and augmenting local groundwater supplies. Also, the SWRCB Recycled Water Policy has mandated an increase in the use of recycled water in California by 2030. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply

Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Integrates Water Management with Land Use Planning:** This Project effectively integrates water management with land use planning by considering the land uses to which recycled water use is permitted. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project contributes to sustainable water supply and reliability during water shortages by making locally-produced, drought-resistant recycled water supplies available for non-potable uses, reducing the amount of potable water used for irrigation, and in so doing will offset demands for less reliable and more costly imported supplies. *Use and Reuse Water More Efficiently.* The Project will provide a consistent, drought-proof source of high quality water to offset potable demands by providing recycled water for non-potable uses. *Climate Change Response Actions.* The Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local recycled water. These measures will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* By offsetting demands for imported water, the Project will help to protect, restore, and enhance habitat in the Sacramento-San Joaquin Delta ecosystem. **Addresses Human Right to Water**: This Project increases the utilization of a locally-produced supply that will be used for irrigation uses, thus preserving clean, affordable, and accessible water for potable uses in the West Basin Municipal Water District (WBMWD) service area.

***Certainty of Preferences Being Met***: The Project addresses these preferences with a **HIGH** degree of certainty. Recycled water use for non-potable purposes has over 60 years of success in the Region. The Project is not dependent on any other projects to provide the benefits. For the end uses proposed in this 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 supply reliability for non-potable uses, the Project provides **LOCAL** benefits. By increasing local supplies that are distributed throughout WBMWD's relatively large recycled water system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 9: USGVMWD Recycled Water Program Expansion

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by increasing water supply through the use of water recycling and matching water quality to water use by using non-potable recycled water for irrigation purposes. **Integrates Projects within a Hydrological Region:** The Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources and reduce the Region's reliance on imported water. This Project also integrates with other recycled water projects included in this application, such as Recycled Water Turnouts, Terminal Island Reclamation Plant Advanced Water Purification Facility and Distribution System Expansion, On-Site Recycled Water Retrofits, and West Coast Basin Barrier Wells. **Resolves Significant Water-Related Conflicts:** The Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on, and augmenting groundwater supplies. Also, the SWRCB Recycled Water Policy has mandated an increase in the use of recycled water by 2030. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes 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:** This Project will provide benefits to the DAC-designated communities in South El Monte and La Puente by providing local supplies and preserving groundwater supplies for potable uses. Using recycled water for irrigation instead of groundwater eliminates the need to buy more costly imported water to replenish groundwater due to overpumping. **Integrates Water Management with Land Use Planning:** This Project effectively integrates water management with land use planning by considering the land uses to which recycled water use is permitted. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water

includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* The Project will make additional locally-produced, drought-resistant recycled water supplies available for non-potable uses, decreasing impacts associated with imported water shortages. *Use and Reuse Water More Efficiently.* The Project will provide a consistent, drought-proof source of high quality water to offset potable demands by providing recycled water for non-potable uses. *Climate Change Response Actions.* The Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local recycled water supplies. These measures will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* By offsetting demands for imported water, the Project will help to protect, restore, and enhance habitat in the Sacramento-San Joaquin Delta ecosystem. *Ensure Equitable Distribution of Benefits*: The Project will ensure equitable distribution of benefits by providing supply benefits to DAC-designated areas in South El Monte and La Puente, and help meet State policies intended to access safe, clean, and affordable water. **Addresses Human Right to Water**: This Project increases the utilization of a locally-produced supply that will be used for irrigation uses, thus preserving clean, affordable, and accessible water for potable uses in the Upper San Gabriel Valley Municipal Water District (USGVMWD) service area.

***Certainty of Preferences Being Met***: The Project addresses these preferences with a **HIGH** degree of certainty. Recycled water use for non-potable purposes has over 60 years of success in the Region. The Project is not dependent on any other projects to provide the benefits. For the end uses proposed in this 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 supply reliability for non-potable uses, the Project provides **LOCAL** benefits. By increasing local supplies that are distributed throughout USGVMWD's relatively large recycled water system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 10: West Coast Basin Barrier Project Unit 12 Injection and Observation Wells

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by implementing increased water supply through the use of water recycling, groundwater storage and conjunctive water management. Additionally, the Project matches water quality to water use through recharging the aquifer with advanced treated recycled water and protecting the water quality from seawater contamination. **Integrates Projects within a Hydrological Sub-Region:** The Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water; protect and improve groundwater and drinking water quality; and maintain and enhance public infrastructure related to flood protection, water resources, and water quality. This Project also integrates with other recycled water projects included in this application, such as Recycled Water Turnouts, Recycled Water Retrofits, Recycled Water Program Expansion, and USGVMWD Recycled Water Program Expansion. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on, and augmenting local groundwater supplies. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes 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:** This Project will provide benefits to the DAC-designated communities that pump water from the West Coast Basin by providing local supplies and preserving groundwater supplies for potable uses instead of using more costly imported water. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* The Project will make additional locally-produced, drought-resistant recycled water supply available for injection into the groundwater to prevent seawater intrusion and in so doing will offset demands for less reliable and more costly imported supplies. *Use and Reuse Water More Efficiently.* The Project will provide a consistent, drought-proof source of high quality water to help eliminate imported water for groundwater injection to protect the West Coast Basin from seawater intrusion. *Climate Change Response Actions.* The Project will reduce the energy consumption of water systems by replacing

energy-intensive imported water supplies with lower-energy local recycled water. This measure will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* By offsetting demands for imported water, the Project also will help to protect, restore, and enhance habitat in the Sacramento-San Joaquin Delta ecosystem. *Protect Surface Water / Groundwater Quality.* The Project will protect and restore groundwater quality in the West Coast Basin by providing higher quality recycled water for groundwater injection to prevent and protect the West Coast Basin from seawater intrusion. *Ensure Equitable Distribution of Benefits*: The Project will ensure equitable distribution of benefits by providing supply benefits to the DAC-designated communities that pump groundwater from the West Coast Basin, and help meet State policies intended to access safe, clean, and affordable water. **Addresses Human Right to Water**: This Project supports the Dominguez Gap Barrier which provides locally-produced clean, affordable, and accessible water to residents overlying the West Coast Basin. The Barrier also protects safe drinking water supplies throughout the rest of the West Coast Basin. In addition, the Project allows for the offset of imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. The LACFCD has design plans completed to validate the local water supply benefits and preferences to be met. This Project is not dependent on any other project and does not contain any known regulatory or institutional obstacles that would prevent the benefits from being realized.

***Breadth and Magnitude of Preferences and Priorities Being Met***: This Project helps to provide **LOCAL** and **REGIONAL** benefits by increasing groundwater supply and improving groundwater quality, and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 11: Rockhaven Well Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by bringing a groundwater well into service and treating it at a nitrate treatment facility. **Integrates Projects within a Hydrological Sub-Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Manhattan, Inglewood, Goldsworthy, Mission Wells, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes educed reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. This will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. *Protect Surface Water and Groundwater Quality.* This Project will protect groundwater quality by removing nitrate from the groundwater basin. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. Design plan and CEQA document development are currently underway. Groundwater produced from this well will be treated through an existing nitrate treatment process meeting Federal and State water quality standards for

potable use. Also, for the end uses proposed in this 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 supply reliability to the Crescenta Valley Water District service area, the Project provides **LOCAL** benefits. By providing valuable groundwater quality improvements in the groundwater basin, the Project provides **REGIONAL** benefits**;** and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 12: Water Budget Based Rates Implementation

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by implementing increased water supply through the use of conservation, improved water quality, and management of urban runoff. **Integrates Projects within a Hydrological Sub-Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water. This Project also integrates with other conservation projects in this application, such as the Be a Water Saver Conservation Program. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will promote water conservation, improve landscape and agricultural efficiencies, and achieve long term reduction in water use. *Use and Reuse Water More Efficiently.* This Project will improve the water supply reliability of the Sacramento-San Joaquin Delta and reduce the reliance on the Sacramento-San Joaquin Delta in meeting water supply needs. *Climate Change Response Actions.* This Project will reduce the energy consumption of water systems by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. This will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. It will also protect creek habitat quality by reducing irrigation runoff contributing to pollutant loadings in surface waters. Protect Surface Water and Groundwater Quality. This Project will protect surface water quality by reducing irrigation runoff contributing to pollutant loadings in surface waters. **Addresses Human Right to Water**: This Project helps to secure locally-produced clean, affordable, and accessible water to residents by conserving water in the Las Virgenes Municipal Water District (LVMWD) service area. In addition, the Project allows for the offset of imported water with less expensive conservation programs.

***Certainty of Preferences Being Met***: This Projected addresses these preferences with a **HIGH** degree of certainty. Project planning and feasibility studies are completed, while design and public outreach efforts are currently underway. No permits or CEQA documents are required for the project. LVMWD piloted temporary water budget based tiers in the 2009-2011 drought, which resulted in an actual drop in demand within 18 months. This Project will implement a more detailed customer specific water budget based rate system.

***Breadth and Magnitude of Preferences and Priorities Being Met***: By reducing potable and recycled water demand, the Project provides **LOCAL** benefits. By reducing irrigation runoff and providing groundwater quality improvements, the Project provides **REGIONAL** benefits. By reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 13: Well No. 2 Rehabilitation Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by replacing deteriorated production wells with new wells. **Integrates Projects within a Hydrological Sub-Region:** This Project integrates with other projects in the

GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Mission, Goldsworthy, Rockhaven, Manhattan, and Pomona Basin well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes 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:** This Project will address critical water supply needs of the DAC communities in Inglewood. The Project will improve local water supply, reducing the need to use more costly imported supplies. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local water supply from the groundwater basin will offset demands for less reliable imported supplies. *Use and Reuse Water More Efficiently.* This Project will improve water supply reliability by increasing use of local water supply and reducing reliance on the Sacramento-San Joaquin Delta. *Climate Change Response Actions.* This Project will reduce energy consumption by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies. Reducing energy use will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem by offsetting demand for imported water from the Delta. *Ensure Equitable Distribution of Benefits:* This Project will ensure equitable distribution of benefits by providing water supply and other benefits to the DAC-designated Project area. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Projected addresses these preferences with a **HIGH** degree of certainty. The existing NPDES permit for groundwater discharge during construction is still valid. A preliminary evaluation and existing conditions data validate the local water supply benefits and preferences to be met. This Project is not dependent on any other project and does not contain any 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 supply reliability to the City of Inglewood service area, the Project provides **LOCAL** benefits. By avoiding the need to use imported water from the regional WBMWD distribution system, the Project provides **REGIONAL** benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.

## Project 14: Pomona Basin Regional Groundwater Project

***Program Preferences Addressed by this Project***: **Regional Project**: This Project meets the regional criteria as defined by CWC §10537, by improving operational efficiency, water supply reliability and water quality of a regionally-utilized water supply (i.e., the groundwater basin) by bring two production wells back into service, and providing treatment through blending. **Integrates Projects within a Hydrological Sub-Region:** This Project integrates with other projects in the GLAC Region that also meet the IRWM objectives to optimize local water resources to reduce the Region's reliance on imported water and drinking water quality. The Project also integrates with other groundwater supply projects included in this application, such as the LA-Burbank, Mission, Inglewood, Goldsworthy, Rockhaven, and Manhattan well projects. **Resolves Significant Water-Related Conflicts:** This Project effectively resolves significant water-related conflicts between regions by offsetting demands for imported water, a scarce supply that much of Southern California's population currently depends on. **Contributes to Attainment of one or more CALFED objectives:** This Project contributes to the attainment of the Water Supply Reliability Program of the CALFED-Bay Delta Program by offsetting demands for imported water with new groundwater supply. It also contributes to the Ecosystem Restoration program objectives of improving Bay-Delta watershed ecological health by offsetting imported demands. **Is Part of an IRWM Plan that helps reduce Delta reliance:** This Project is included in the GLAC IRWM Plan 2013 Update which has objectives and targets to reduce

imported water reliance. Reduced reliance on imported water includes reduced reliance on the State Water Project and Delta for the GLAC Region. **Statewide Priorities:** This Project addresses several Statewide Priorities described as follows: *Drought Preparedness.* This Project will increase local water supply and reliability during water shortages. Local supply from the Six Basins Groundwater Basin will offset demands for less reliable imported supplies. *Climate Change Response Actions.* This Project will reduce the energy consumption of water systems by replacing energy-intensive imported water supplies with lower-energy local groundwater supplies from Six Basins. This will reduce overall greenhouse gas emissions. *Expand Environmental Stewardship.* This Project will help to protect, restore, and enhance habitat in the Delta ecosystem. Protect Surface Water and Groundwater Quality. This Project will protect groundwater quality by removing Nitrate from the Six Basins groundwater basin. **Addresses Human Right to Water**: This Project provides access to locally-produced clean, affordable, and accessible water by offsetting imported water with locally-generated, clean, less expensive groundwater.

***Certainty of Preferences Being Met***: This Project addresses these preferences with a **HIGH** degree of certainty. Alternatives Analysis and 10% Design is already completed and Final Design currently underway. Groundwater produced from these wells will be treated through blending with imported water in the Pomona Walnut and Rowland Joint Water Line, meeting Federal and State water quality standards for potable use. For the end uses proposed in this 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 supply reliability to the Puente Basin Water Agency, the Project provides **LOCAL** benefits. By avoiding the need to use imported water from the regional Three Valleys Municipal Water District distribution system, the Project provides REGIONAL benefits; and by reducing reliance on Delta supplies (and the energy and greenhouse gas consequences of imported supplies), the Project provides **STATEWIDE** benefits.