

## Attachment

## 8

**Greater Los Angeles County Region**  
***IRWM Implementation Grant Proposal***  
***Disadvantaged Community Assistance*****Introduction**

The Greater Los Angeles County Region (Region) encompasses many diverse communities, and many of those communities include substantial areas that meet the definition of a Disadvantaged Community (DAC).<sup>1</sup> Oftentimes these DACs have critical water supply and/or water quality needs that the Region seeks to address through the implementation of various projects. These projects may also provide other benefits to DAC areas such as flood protection and new recreational opportunities.

Eight projects in this Proposal have been identified as contributing to critical water-related needs of DAC areas. They include:

- Los Angeles-Burbank Groundwater System Interconnection Project
- Mission Wells Improvement Project
- Manhattan Wells Improvement Project
- Terminal Island Water Reclamation Plant (TIWRP) Advanced Water Purification Facility and Distribution System Expansion Project
- Be a Water Saver Conservation Program Project
- Upper San Gabriel Valley Municipal Water District (USGVMWD) Recycled Water Program Expansion Project
- West Coast Basin Barrier Project Unit 12 Injection and Observation Wells Project
- Well No. 2 Rehabilitation Project

---

<sup>1</sup> A DAC is defined as communities with an annual median household income below the DAC threshold of \$48,706, or 80% of the Statewide median household income.

**Los Angeles-Burbank Groundwater System Interconnection Project (Project)**

*Documentation of the Presence of DACs*

The Project will serve water to the Los Angeles Department of Water and Power (LADWP) 830 service zone. According to the DAC mapping tool provided by the Department of Water Resources (DWR), several DAC areas lie within the 830 service zone. All customers will be served remediated groundwater by the Project and are either located in or adjacent to this DAC, as shown in Figure 8-1 below. Approximately 33% of this service area is classified as a DAC and the average median household income is \$37,251 for that area.

**Figure 8-1: DAC area within Los Angeles-Burbank Groundwater System Interconnection Project boundary**



*Description of DAC Needs*

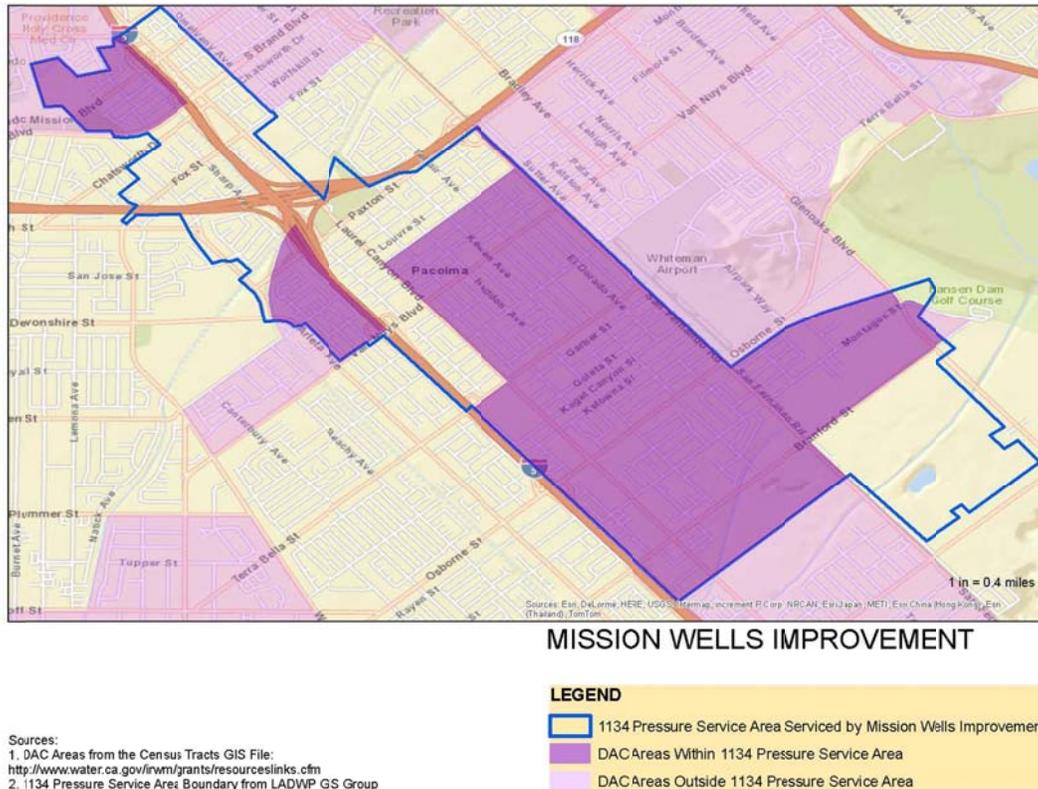
This service area typically receives water from the drought diminished State Water Project (SWP) and other imported supplies to supplement groundwater and water from the Los Angeles Aqueduct. This Project will provide local water supplies to the neighboring communities within the San Fernando Basin. With snowpack at low levels and the SWP allocations at 5%, this Project will help to relieve drought impacts in this area by increasing the supply of groundwater. Increasingly the Bay-Delta is becoming an unreliable source of water for California and especially for Southern California. With increasing unreliability come increasing costs to providing water to consumers. It is imperative that new groundwater be remediated in order to maximize the water supply being provided and improve the environment in the DAC areas.

**Mission Wells Improvement Project (Project)**

*Documentation of the Presence of DACs*

The Project will serve water to the City of Los Angeles' (City) 1134 pressure service area. According to the DAC mapping tool provided by DWR, several DAC areas lie within the City's 1134 pressure service area (as shown in Figure 8-2 below). These DACs receive water supply from the City and will therefore directly benefit from this Project.

**Figure 8-2: DAC area within the Mission Wells Improvement Project boundary**



*Description of DAC Needs*

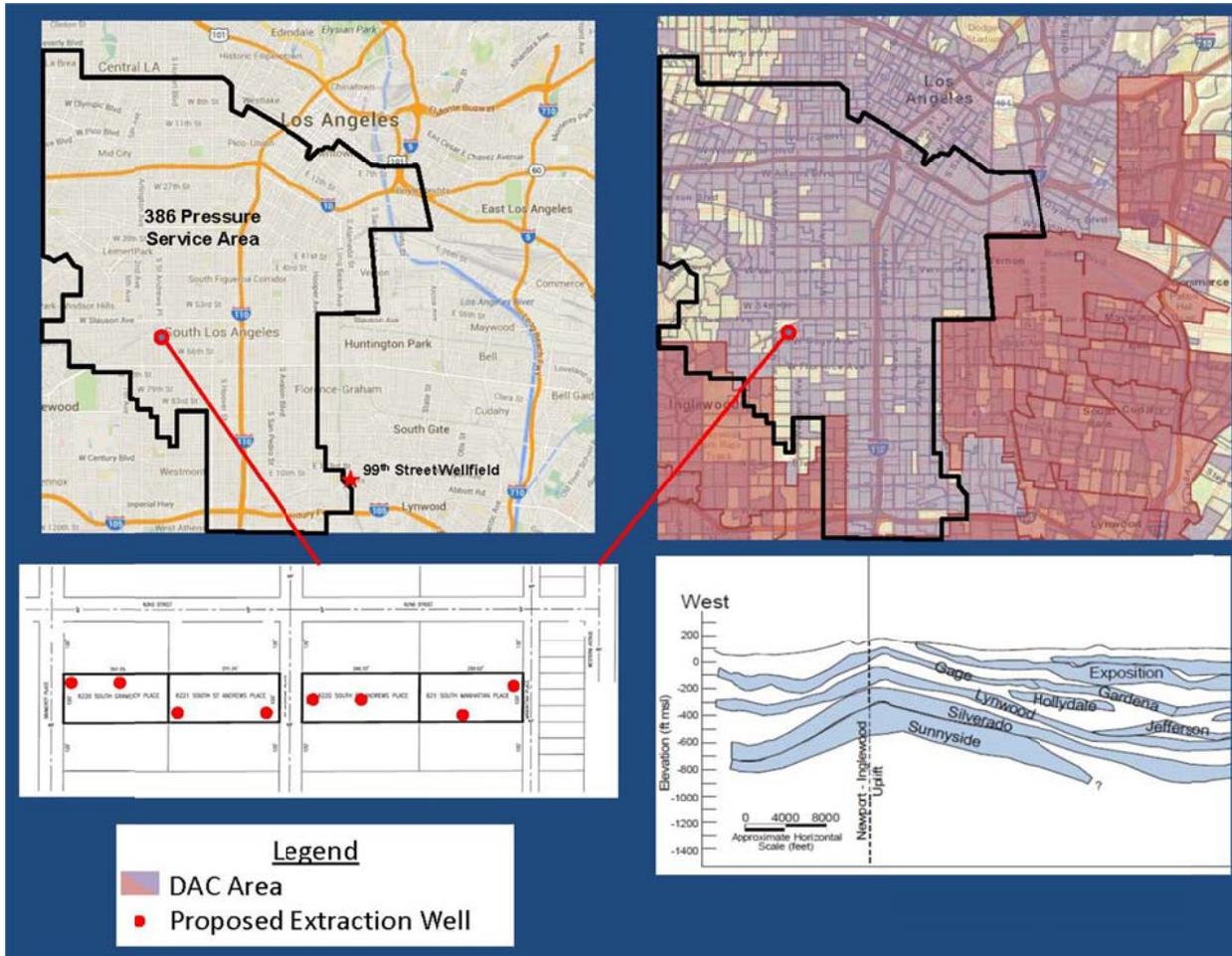
The City currently imports water from Metropolitan Water District (MWD) in order to meet the demands that were previously met by pumping local Sylmar Basin groundwater at the Mission Wellfield. This Project will install three new production wells to produce more groundwater and eliminate the need to purchase more expensive imported water. Decreasing the cost to obtain potable supply will help the City provide water to its customers at reasonable rates, alleviating financial burden on this disadvantaged community. The reduced dependence on imported water by the City will make those supplies available to meet other drought demands.

**Manhattan Wells Improvement Project (Project)**

*Documentation of the Presence of DACs*

The Project will serve water to the City of Los Angeles’s (City) 386 pressure service area. According to the DAC mapping tool provided by DWR, several DAC areas (shown in purple and red in the top right figure) lie within the City’s 386 pressure service area (as shown in Figure 8-3 below). These DACs receive water supply from the City and will therefore directly benefit from this Project.

**Figure 8-3: DAC area within Manhattan Wells Improvement Project boundary**



*Description of DAC Needs*

The City currently imports water from MWD in order to meet the demands that were previously met by pumping local Central Basin groundwater at the Manhattan Wellfield. This Project will install eight new production wells to utilize more groundwater and eliminate the need to purchase more expensive imported water. Decreasing the cost to obtain potable supply will help the City provide water to its customers at reasonable rates, alleviating financial burden on this DAC. The reduced dependence on imported water by the City will make those supplies available to meet other drought demands.

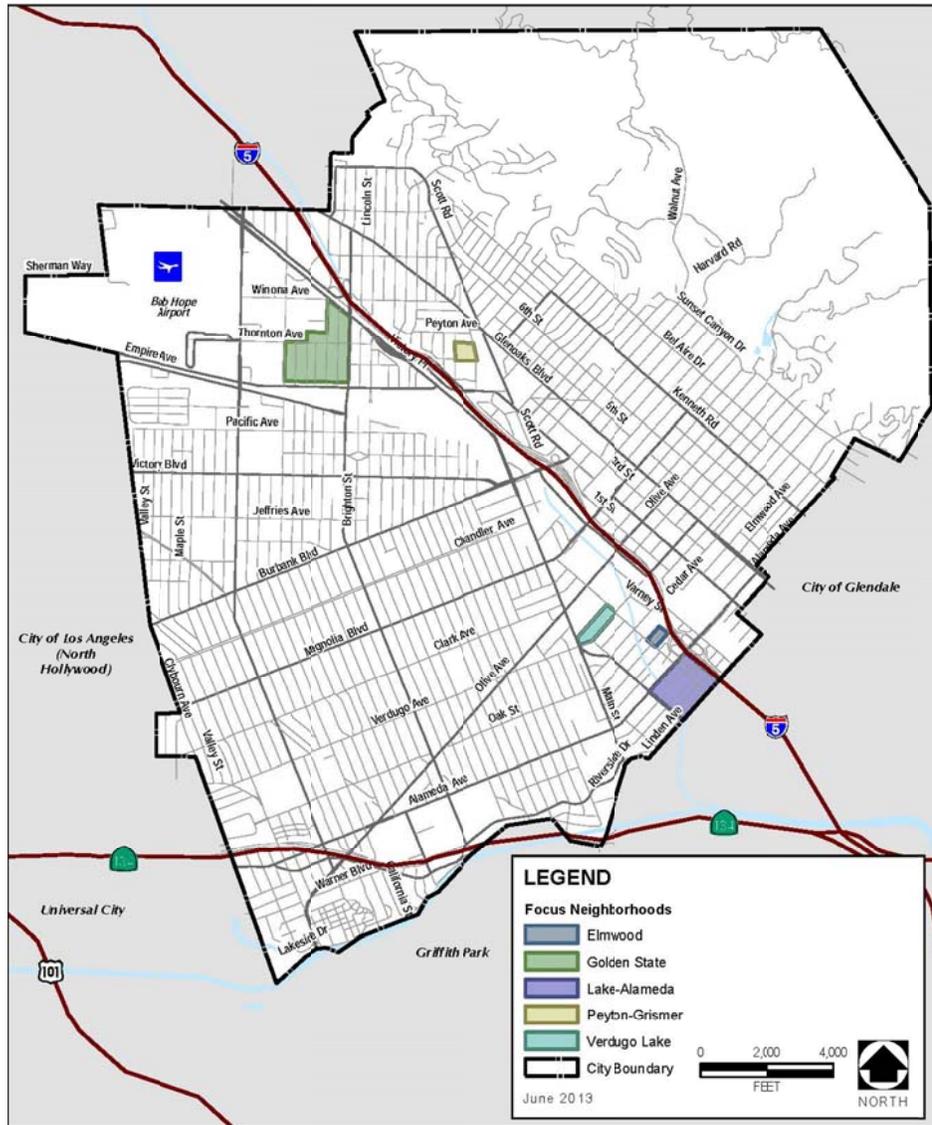


**Be a Water Saver Conservation Program Project (Project)**

*Documentation of the Presence of DACs*

The Project will serve water to the City of Burbank which contains identified DACs. Since 1997, the City of Burbank has concentrated its funds and resources in five designated focus neighborhoods, as shown in Figure 8-1. According to the U.S. Department of Housing and Urban Development, these neighborhoods are designated low moderate income areas, with current data indicating the upper limit for a household of four is \$37,450 for Los Angeles County. According to the 2010 U.S. Census Data, 8 percent of families in the City of Burbank are living in a DAC.

**Figure 8-5: Five DAC designated neighborhoods within the Be a Water Saver Conservation Program Project boundaries**



Source: City of Burbank 2013

*Description of DAC Needs*

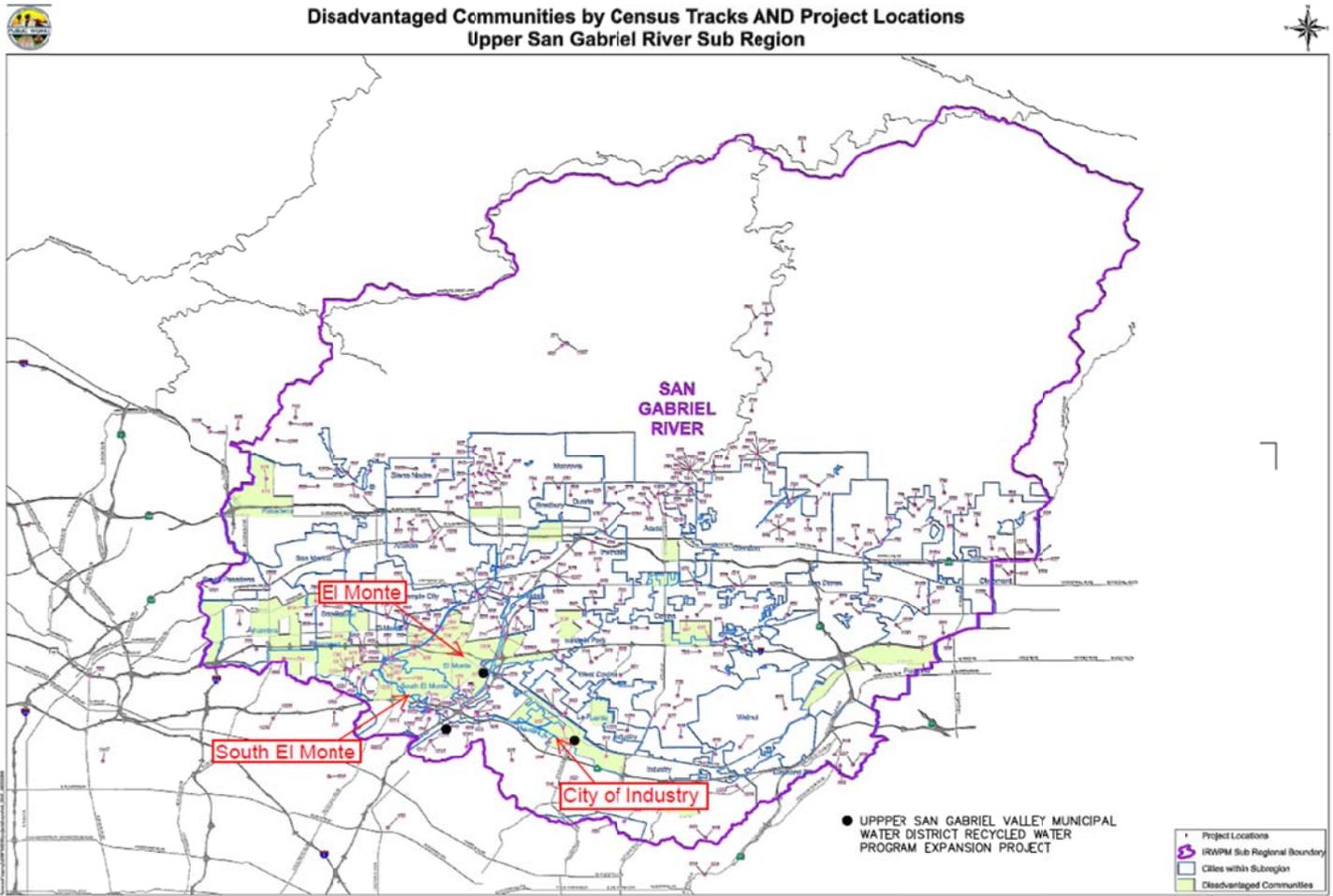
The City of Burbank relies on a mixture of imported water and groundwater. Progressively, the Sacramento-San Joaquin Delta is becoming an unreliable source of water for California and especially for Southern California. With increasing unreliability comes increasing costs to providing water to consumers. There are concerns that the DACs in the Burbank area will endure disproportionate harm because of rapidly escalating costs associated with imported water.

This Project provides a valuable opportunity for DAC families to reduce their water use through the participation in the proposed rebate programs. Upon full implementation, all DACs that are dependent upon water from the Delta will benefit from the water savings achieved by reducing Burbank's reliance on imported water for the sustainable future. This Project represents an opportunity to increase water supplies quickly, with increasing cost-effectiveness into the future.

**USGVMWD Recycled Water Program Expansion Project (Project)**

*Documentation of the Presence of a DACs*

DACs in the Project area were identified using 2010 census tracts for the Integrated Regional Water Management Upper San Gabriel River Sub Region and shown as the green shaded area on the following map. The South El Monte and La Puente Valley County Water District Recycled Water expansions (indicated as black dots on the map) are located within green shaded DAC areas. The South El Monte and La Puente Valley County Water District Recycled Water expansions serve the communities of South El Monte, El Monte, and City of Industry which are listed as DACs according to the 2010 census median household income information.



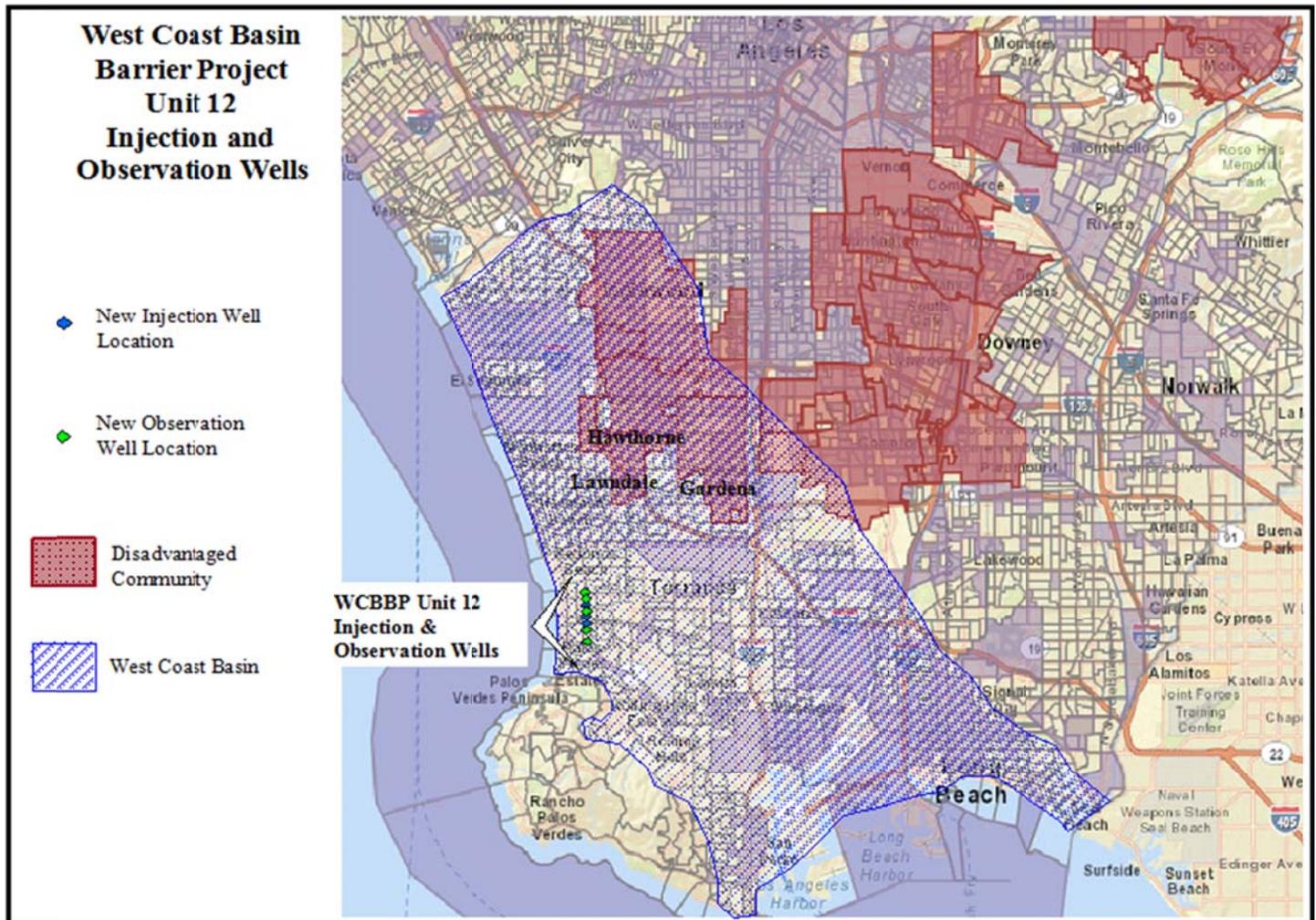
*Description of DAC Needs*

The sole source of water for the relevant DACs is groundwater from the Main San Gabriel Groundwater Basin. Groundwater levels in the Main San Gabriel Groundwater Basin have reached historic low levels this year due to the recent drought and a limited replenishment supply. It is expected that these levels will continue to decline if imported water supplies may become more restricted as a result a continuation of the drought through 2014. The proposed Project will address critical water supply needs of the DACs located in the Project region by providing additional infrastructure that will substitute recycled water for potable water currently being used for non-potable purposes (irrigation). By preserving potable groundwater supplies, the Project will improve the reliability of the public water supply systems in the Project area, including those systems that supply DACs. Without the implementation of the Project to conserve potable groundwater supplies, the groundwater levels in the Main San Gabriel Groundwater Basin, already at historically low levels due to the current drought, will decline even further impacting the reliability of the public water supply systems in the Project area, including those that serve DACs.

**West Coast Basin Barrier Project Unit 12 Injection and Observation Wells Project (Project)**

*Documentation of the Presence and Needs of a DAC*

DACs were identified using the California Department of Water Resources Disadvantaged Communities Mapping Tool (see map below). The map was derived from the U.S. Census Bureau’s American Community Survey compiled for the 5-year period from 2006-2010. There are areas within the cities of Hawthorne, Lawndale, and Gardena that are noted as DACs on the attached map in red. All these cities utilize groundwater from the West Coast Basin as a source of drinking water for their residents.



*Description of DAC Needs*

The West Coast Basin Barrier Project Unit 12 Injection and Observation Wells will address the critical water supply needs of the DACs that receive drinking water from the West Coast Basin. The Project will preserve drinking water quality for all communities that draw water from the West Coast Basin, including DACs, by preventing seawater intrusion and the potential contamination of this local groundwater supply. In addition, the Project will recharge aquifers pumped by Golden State Water Company and California Water Service Company which provide service to DACs in the cities of Hawthorne, Lawndale, and Gardena.

**Well No. 2 Rehabilitation Project (Project)***Documentation of the Presence of DACs*

The Well No. 2 Rehabilitation Project will serve water to the City of Inglewood's (City) retail water supply service area. According to the DAC mapping tool provided by DWR, several DAC areas lie within the City's service area (as shown in the map below). These DACs receive water supply from the City of Inglewood and will therefore directly benefit from this Project. In addition, the US Census Bureau identified the entire City of Inglewood as a DAC Community.

**Figure 8-6: DAC area within Well No. 2 Rehabilitation Project boundary***Description of DAC Needs*

The City of Inglewood currently imports water from MWD at Tier 2 rates in order to meet the demands that were previously met by pumping local West Coast Basin groundwater through Well No. 2. This Project will restore the diminished capacity at Well No. 2 so that it can be brought back on-line and eliminate the need to purchase this much higher cost (unallocated) increment of imported water supply. Decreasing the cost to obtain potable supply will help the City provide water to its customers at reasonable rates, alleviating financial burden on this disadvantaged community. The reduced dependence on imported water by the City will make those supplies available to meet other drought demands.