



# PREFACE

*San Gabriel River*

**The 2013 Integrated Regional Water Management Plan Update provides a 20-year pathway for the Greater Los Angeles County Region to facilitate and conduct collaborative planning.**

The purpose of the 2013 Integrated Regional Water Management (IRWM) Plan is to define a clear vision and direction for the sustainable management of water resources in the Greater Los Angeles County (GLAC) Region for the next 20 years, to present the basic information regarding possible solutions and the costs and benefits of those solutions, and to inspire the Region and potential funding partners outside this Region. Moreover, it is to present sensible, economically feasible solutions that benefit communities.

The IRWM Plan identifies a comprehensive set of solutions to achieve the following objectives over the 25 year planning horizon: reduce the Region's reliance on imported water; comply with water quality regulations by improving the quality of urban runoff, stormwater and wastewater; protect, restore and enhance natural processes and habitats; increase watershed friendly recreational space for all communities; reduce flood risk in flood prone areas by either increasing protection or decreasing needs using integrated flood management approaches; and adapt to and mitigate against climate change vulnerabilities.

Since 2006, the GLAC Region has supported the development and implementation of projects that reduce the Region's reliance on imported water, provide improved water quality and protect natural resources, including 40 projects that were awarded over \$74 million of IRWM implementation grant funding. These projects are listed in the table on the following pages.

## Greater Los Angeles County Integrated Regional Water Management Plan

Project Proponent	Project Name	Grant Funds	Grant Program
<b>North Santa Monica Bay Subregion</b>			
National Park Service	Solstice Creek Restoration	\$78,366	Prop. 50, Round 1
City of Calabasas	Las Virgenes Creek Restoration	\$515,000	Prop. 50, Round 1
Las Virgenes Municipal Water District/ Westlake Village	Malibu Creek Restoration	\$426,000	Prop. 50, Round 1
City of Calabasas	Citywide Smart Irrigation Control Park Water Replacement	\$620,000	Prop. 84, Round 1
West Basin Municipal Water District	Water and Energy Efficiency in the Multi-Family and Hotel Sectors	\$452,880	Prop. 84, Round 1
City of Calabasas	Citywide Storm Drain Catch Basin Curb Screens	\$1,100,000	Prop. 84, Round 2 (Proposed)
Cities of Agoura Hills & Calabasas	Upper Malibu Creek Watershed Restoration Projects	\$1,361,000	Prop. 84, Round 2 (Proposed)
<b>South Bay Subregion</b>			
County Sanitation Districts of Los Angeles County	Joint Water Pollution Control Plant Marshland Enhancement	\$400,000	Prop. 50, Round 1
West Basin Municipal Water District	Large Landscape Conservation	\$1,200,000	Prop. 50, Round 1
City of Los Angeles, Bureau of Sanitation	Wilmington Drain Restoration	\$4,500,000	Prop. 50, Round 1
City of Los Angeles, Bureau of Sanitation	Penmar Water Quality Improvement and Runoff Reuse Project	\$2,112,985	Prop. 84, Round 1
City of Santa Monica	16 <sup>th</sup> St. Watershed Runoff Use Demonstration Project	\$1,013,085	Prop. 84, Round 1
City of Rolling Hills Estates	Model Equestrian Center	\$1,012,985	Prop. 84, Round 1
City of Hawthorne	Storm Drain Improvements & Installation of Infiltration Chambers on Hawthorne Blvd.	\$1,112,985	Prop. 84, Round 1
Los Angeles County Flood Control District	Oxford Retention Basin multi-Use Enhancement Project	\$1,500,000	Prop. 84, Round 2 (Proposed)
City of Carson	Dominguez Channel Trash Reduction	\$1,500,000	Prop. 84, Round 2 (Proposed)
West Basin Municipal Water District/City of Los Angeles Dept. of Water & Power/City of Gardena	South Gardena Recycled Water Pipeline Project	\$1,000,000	Prop. 84, Round 2 (Proposed)
City of Los Angeles, Bureau of Sanitation/ Heal the Bay	Vermont Ave Storm Water Capture & Green St. Beautification Project	\$620,000	Prop. 84, Round 2 (Proposed)
<b>Upper Los Angeles River Subregion</b>			
City of Los Angeles, Bureau of Sanitation	South Los Angeles Wetlands	\$3,300,000	Prop. 50, Round 1
City of Los Angeles, Bureau of Sanitation	North Atwater Creek Restoration	\$2,250,000	Prop. 50, Round 1
Mountains Recreation & Conservation Authority	Pacoima Wash/8 <sup>th</sup> Street Park	\$587,000	Prop. 50, Round 1
City of Los Angeles Dept. of Water & Power	Tujunga Spreading Grounds Enhancement Project	\$3,000,000	Prop. 84, Round 1

Project Proponent	Project Name	Grant Funds	Grant Program
City of Los Angeles Dept. of Water & Power	Griffith Park South-Central Los Angeles County Regional Water Recycling Program	\$2,500,000	Prop. 84, Round 1
City of Pasadena	Hahamonga Basin Multi-Use Project	\$3,271,000	Prop. 84, Round 1
Foothill Municipal Water District	Foothill Municipal Water District Recycled Water Project	\$1,467,650	Prop. 84, Round 2 (Proposed)
Mountains Recreation & Conservation Authority	Marsh Park, Phase II	\$907,812	Prop. 84, Round 2 (Proposed)
Los Angeles County Flood Control District	Pacoima Spreading Grounds Improvement Project	\$3,000,000	Prop. 84, Round 2 (Proposed)
<b>Upper San Gabriel River &amp; Rio Hondo Subregion</b>			
Council for Watershed Health	San Gabriel Valley Arundo Removal	\$178,000	Prop. 50, Round 1
Los Angeles County Flood Control District	Morris Dam Water Supply	\$5,135,634	Prop. 50, Round 1
Covina Irrigating Company	Covina Irrigating Company Surface Water Treatment Plant Improvements	\$2,376,020	Prop. 84, Round 1
Three Valleys Municipal Water District	San Antonio Spreading Grounds Improvements	\$2,876,020	Prop. 84, Round 1
Los Angeles County Flood Control District	Peck Water Conservation Improvement Project	\$4,777,500	Prop. 84, Round 2 (Proposed)
Los Angeles County Flood Control District	Walnut Creek Spreading Basin Improvements Project	\$1,200,000	Prop. 84, Round 2 (Proposed)
<b>Lower San Gabriel &amp; Los Angeles Rivers Subregion</b>			
County Sanitation Districts of Los Angeles County	Whittier Narrows Water Reclamation Plant Ultra Violet Disinfection	\$2,000,000	Prop. 50, Round 1
Central Basin Municipal Water District	Large Landscape Conservation	\$900,000	Prop. 50, Round 1
Central Basin Municipal Water District	Southeast Water Reliability Project ( <i>discontinued</i> )	\$3,530,000	Prop. 50, Round 1
Water Replenishment District	Leo J. Vander Lans Advanced Water Treatment Plant Expansion	\$4,676,040	Prop. 84, Round 1
Water Replenishment District	Whittier Narrows Conservation Pool Project	\$576,000	Prop. 84, Round 1
County Sanitation Districts of Los Angeles County	San Jose Creek Water Reclamation Plant East Process Optimization Project	\$3,000,000	Prop. 84, Round 2 (Proposed)
Los Angeles County Flood Control District	Dominguez Gap Spreading Grounds – West Basin Percolation Enhancements	\$2,000,000	Prop. 84, Round 2 (Proposed)
		<b>TOTAL: \$74,033,962</b>	

In 2011, the GLAC Region received funding to update the 2006 Plan to meet new IRWM Program Guidelines, and to enhance the Region’s ability to conduct further integrated and regional planning efforts that would benefit the overall GLAC IRWM Program process. This resulting 2013 GLAC IRWM Plan Update was prepared in keeping with requirements of the Department of Water Resource’s (DWR) Planning Grant Award and November 2012 IRWM Proposition 84 and 1E Program Guidelines. The 2013 Plan Update documents the current IRWM Program and processes that have evolved over the past six years since the 2006 Plan was developed, and is organized according to the following table.

DWR Plan Standard	2013 Plan Update Chapter
Governance	Chapter 1: Governance and Participation
Region Description	Chapter 2: Regional Description
Objectives	Chapter 3: Objectives and Priorities
Resources Management Strategies	Chapter 4: Regional Water Management
Integration	Chapter 5: Integrated Regional Projects
Project Review Process	Chapter 5: Integrated Regional Projects
Impact and Benefit	Chapter 6: Benefits and Impacts
Plan Performance and Monitoring	Chapter 7: Plan Implementation
Data Management	Chapter 7: Plan Implementation
Finance	Chapter 7: Plan Implementation
Technical Analysis	Chapter 1: Governance and Participation
Relation to Local Water Planning	Chapter 1: Governance and Participation
Relation to Local Land Use Planning	Chapter 1: Governance and Participation Chapter 2: Regional Description
Stakeholder Involvement	Chapter 1: Governance and Participation
Coordination	Chapter 1: Governance and Participation Chapter 2: Regional Description
Climate Change	Chapter 1: Governance and Participation Chapter 2: Regional Description Chapter 3: Objectives and Priorities Chapter 4: Regional Water Management Chapter 5: Integrated Regional Projects

A number of outcomes resulted from the 2013 Plan Update process. These efforts built upon the foundation developed and described in the 2006 Plan to accomplish the following:

- Refine objectives and targets reflecting existing regional and subregional planning and new flood control objectives
- Increase subregional detail and focus
- Improve outreach to DACs and other stakeholders
- Increase understanding of habitat, recreation and open space needs and opportunities
- Develop new tools to determine water quality and open space benefits and support integration

- Improve project database, user interface and review process
- Create a comprehensive assessment of potential climate change impacts, vulnerabilities and strategies

As a result of these planning efforts, outside funding sources, such as the state and federal government, are more likely to support activities identified in this Plan because it demonstrates intent to solve local problems, rather than simply look for others to solve those problems. Quantitative goals for measurable progress and accountability are included in the Plan, which will lead to easier identification of solutions and formation of partnerships to implement these shared projects.

Many of the stakeholders that have participated in the Region's IRWM Process recognize that today's challenges require an alternative to the historical approach of addressing water resource management from a single-purpose perspective. For decades, this Region has operated and maintained one of the most effective flood control systems in the world that protects millions of people from the impacts of flooding in the Region. This system routes much of the stormwater runoff into the ocean, water that historically recharged local groundwater basins, making this Region even more dependent on imported water supplies. As regulatory pressure to clean up polluted dry and wet weather stormwater runoff continues and imported water resources diminish, this source of water supply is becoming more and more attractive.

Water resources must be planned in concert with the other activities that make up the urban context. Therefore, the Plan's recommendations and strategies have been developed so they can be integrated into the strategic planning for other important urban issues such as transportation, public education, land use, economic development, and health and safety. Because these things are important in every community, many opportunities for win-win relationships that will help create more functionally integrated neighborhoods and improve quality of life as the population of the Region continues to grow.

The Region's management strategies and projects developed within the IRWM context respond to statewide priorities, allow for local variation and flexibility, while also providing a coordinated approach toward achieving multiple benefits across the Region.

This Plan is an important tool, or guide, for the development of solutions that will help achieve regional planning targets and will help improve the sustainability of water resources and the ecological health of local watersheds. This IRWMP is a feasibility or planning study which identifies possible future actions that the members of the Regional Water Management Group (RWMG) have not approved, adopted, or funded. Consistent with Section 15262 of the CEQA Guidelines, a project involving only feasibility or planning studies does not require the preparation of an Environmental

Impact Report or Negative Declaration but does require consideration of environmental factors. The residents, institutions and business owners in this Region will benefit when new projects and programs are implemented because more sustainable management of water resources can improve the quality of life for all communities. New and enhanced partnerships have developed since 2006 and during the Plan update process and, building on those models, many more partnerships are expected to develop and grow. This Plan is a living document which contains the vision, ideas and project concepts that will only become a reality if stakeholders remain engaged as this process continues.

However, the Plan is subject to change based on the changing needs of the Region, new technologies, future legislation and regulations, the continued cooperation of participating entities, and the availability of state, federal, and other long-term stable funding sources. The Plan is intended to set forth objectives and goals, identify potential conflicts and problem areas, and provide general direction as to how planning targets and objectives may be achieved. Nothing in this Plan should be construed as a commitment by any participating local agency to fund the implementation of any project or program identified herein. (See Water Code, § 10540(d).)