



# WATER IRP INTEGRATED RESOURCES PLAN



January—December  
2012

◆ In October, the IRP 5-Year Review was completed. A special joint meeting was held between the Board of Public Works and the Board of Water and Power to cover the IRP 5-Year Review Document as well as the City's Recycled Water Master Planning (RWMP) process. City staff provided a review and highlights of IRP implementation covering the 5 years since adoption and an overview of the RWMP documents and findings. The meeting was televised on local channel 35. A copy of the presentation and the Final IRP 5-Year Review Document can be found under the "What's Going On?" section of the IRP website: [www.lacitysan.org/irp](http://www.lacitysan.org/irp)

◆ In April, LADWP, in partnership with the Bureaus of Sanitation (BOS) and Engineering (BOE) completed the **Recycled Water Master Planning Documents**. These documents were developed over three years with extensive stakeholder engagement. Recommendations include: the Groundwater Replenishment Project in the San Fernando Valley using water from the Tillman Water Reclamation Plant, maximizing non-potable reuse at the L.A.-Glendale and Terminal Island Plants, and exploring potable reuse alternatives at the Hyperion Treatment Plant. These documents were presented at the aforementioned joint board meeting on October 29th. CEQA and NEPA studies have begun.

◆ At the same event, The Recycled Water Advisory Group (RWAG) was recognized for their contributions to the master planning process and to the advancement of recycled water as a local, safe, and reliable supply for the City.



A mix of Stakeholders and City Staff attended the Oct. 29 Joint Board meeting, representing various civil, environmental, apartment, neighborhood council and business groups.

◆ In March, the City's Recycled Water Outreach Program received the "**Recycled Water Community Outreach Program of the Year**" award from the CA Section of the WaterReuse Association. LADWP and BOS actively sought the engagement of stakeholders during the development of the Recycled Water Master Planning documents through ongoing outreach since 2009, including the Recycled Water Advisory Group, Recycled Water Forums for the general public, elected official briefings, and presentations to Neighborhood Councils and community groups.



◆ In October, the **Los Angeles Media Technology Center**, 27-acre office park in the City of L.A., began using **recycled water for irrigation**. Tenants of the L.A. Media Center include entertainment, technology, health care companies, an LAUSD facility, a charter school, and the L.A. Bureau of Sanitation. LADWP estimates the Media Center will use approximately 10 acre feet per year of recycled water, saving enough potable water to serve 20 typical L.A. households of 4 per year. *Pictured: CA-friendly plants being planted (above) and installation of purple pipe (left).*



- ◆ In July, LADWP re-launched the residential **CA-Friendly Landscape Incentive Program** and increased the rebate amount from \$1.00 to \$1.50 per square foot of turf removed and replaced with CA-Friendly plants, mulch, or permeable hardscapes and drip irrigation. Since 2009, nearly 1 million sq. ft. of residential and 5 million sq. ft. of commercial turf has been removed, equating to a total water savings of 516 acre-feet. *Pictured Right: The LADWP Ferraro Building displays CA-friendly landscape that uses less water than traditional lawns.*



- ◆ In keeping with public outreach communication efforts to promote **water conservation practices**, LADWP sponsors **Live Theater Performances**, entitled "Thirsty City", at the LADWP Adopt-A-Schools. This play targets grades K-6 and presents the work of William Mulholland building the Los Angeles Aqueduct, demonstrates science concepts such as gravity flow, and emphasizes the need for water conservation. LADWP completed 27 performances in 2012 and has 70 plays scheduled in 2013.



- ◆ The **Sonia Sotomayor Learning Academies** is LAUSD's first new construction school site planned for the **use of recycled water**. The Academies (*Pictured*) are located on a new LAUSD campus constructed at the former Taylor Yards site. By using synthetic turf, the facility will offset potable water to supply up to 80 families of 4 each year by using up to 40 acre feet for irrigation.

- ◆ LADWP also provides **recycled water at LAUSD schools, specifically: Van Nuys High School** - LAUSD's first school to use recycled water; and **Playa Vista Elementary School** - two first uses of recycled water by LAUSD: the first in an elementary school and the first of any school for toilet and urinal flushing.

- ◆ In February, the **South L.A. Wetlands Park** transformed an existing rail maintenance yard into constructed wetlands with surrounding walking trails, riparian vegetation and other passive recreation elements. The wetland is designed to capture and treat stormwater and urban runoff. *Pictured Right: Completed project and conceptual artist rendering.*



- ◆ In March, the **Garvanza Park Stormwater Infiltration and Use Project**, funded by US EPA supplemented by State Propositions 40 and 13, LADWP, and the Stormwater Pollution Abatement fund, was completed. This project consists of diverting urban runoff from an existing storm drain and capturing it for cleaning and storage in underground cisterns. *Pictured Right: Garvanza Park project after completion.*



The IRP team would like to thank our valued IRP Stakeholders for their continued engagement and invaluable contributions throughout the past five years and the many more to come.

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