



WATER IRP INTEGRATED RESOURCES PLAN NEWSLETTER



December 2010

ACCOMPLISHMENTS

- ◆ On December 17, 2010, the City Council approved the **Low Impact Development (LID) ordinance**, which requires 100% of the runoff generated from a 3/4-inch storm to be captured and reused or infiltrated on site. It applies to newly constructed homes, large developments and certain redevelopments. If compliance is infeasible on site, developers can pay a stormwater pollution mitigation fee to help pay for off-site public LID projects like green streets and alleys.
- ◆ On November 9 2010, City Council approved the Second Addendum and associated transmittals regarding the re-approval of the **Glendale Burbank Interceptor Sewer** (GBIS - IRP Go Project #5) portion of the IRP EIR. The City of Burbank had filed a lawsuit against the EIR in October 2007. The Court found that the EIR was valid but that six (6) specific areas with regard to the GBIS alignment needed further study. These areas were: settlement, traffic, traffic mitigation, noise (from potential traffic congestion), cultural/historic impact and cumulative impacts (related to Los Angeles, Department of Water and Power, [DWP] projects). The City addressed these areas in the Second Addendum Report.
- ◆ As part of the Groundwater Replenishment (GWR) component of the City's Recycled Water Master Planning process, participants of the **Recycled Water Advisory Group (RWAG)** toured the Tujunga Spreading Grounds and Pumping Stations in September 2010 (*Pictured Right*). In addition, the GWR Advanced Water Treatment Pilot Project at DCT has been successfully operating since late February 2010. Also, an Independent Advisory Panel (IAP) of eleven academic and operational experts convened in October 2010.
- ◆ LADWP made great accomplishments connecting **new recycled water customers**. During the summer St. Elizabeth Church, the first Catholic Church to begin to irrigate with recycled water along with First Foursquare Church in Van Nuys. In addition, Van Nuys High School is the first LAUSD School that has started to use recycled water. This has brought forth a partnership between LAUSD and LADWP with staff currently working together to continue to save our potable water supply including the conversion of several other schools, and educating students, faculty and staff on the use of recycled water.
- ◆ The **Riverdale Avenue Green Street Project**, located in Council District 13, was completed in Sept. 2010, installed permeable interlocking concrete pavers, dry wells for monitoring, filters, infiltration basins, street trees and planter beds along both sides of Riverdale Ave. between Crystal St. and the LA River to reduce stormwater runoff via infiltration.
Pictured Right: A bioswale planted with native vegetation
- ◆ In the 2009/2010 fiscal year, the City recycled 79 million gallons of water per day, approximately 22% of all wastewater treated. The applications for the recycled water include industrial uses at City facilities, irrigation of golf courses, cemeteries and other irrigation projects within the City.
- ◆ The City has continued deep subsurface injection of biosolids through the **Terminal Island Renewable Energy Project** which has successfully placed more than 80 million gallons of bio-slurry material since July 2008. For more information visit: http://www.lacitysan.org/biosolidsems/managing_biosolids/deep_well.htm



UPDATES

- ◆ Currently in construction, the **Mar Vista Recreation Center Rainwater Irrigation Use Project** will capture and treat stormwater and urban runoff for irrigation use in the park to supplement potable water demand. Components of the projects include diversion, a pump station, disinfection and detention/storage. Construction is expected to be completed in December 2010.
- ◆ The **South Los Angeles Wetlands Park** will transform 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 from a 540-acre drainage area. The project is currently in construction (*Pictured right*) and is expected to be completed by December 2011. For more information on this project visit: <http://www.lapropo.org/sitefiles/outreach.htm>
- ◆ LADWP continues progress with the construction of the **Harbor Refineries Recycled Water Pipeline Project**. To date approximately 27,000 ft of 40,000 ft of 30-inch diameter (and smaller) purple pipe have been installed, This project is expected to deliver approximately 9,300 acre feet per year of recycled water to various industrial and irrigation users in the Harbor as early as 2014.
- ◆ Effective August 25, 2010, the City Council and the Mayor approved recent amendments to the **Water Conservation Ordinance** in an effort to simplify the Ordinance and reduce pressure fluctuations in the water distribution system by assigning different watering days to odd and even-numbered street addresses. Since the implementation of this Ordinance in June 1, 2009 and the patrolling of the Water Conservation Team, LADWP customers have responded with significant water use reductions. Overall city-wide water usage is down almost 20% from base year usages with the residential sector reducing about 23% and governmental sector down over 32% of the FY 06-07 water usage.
- ◆ BOS prepared the "**Green Infrastructures Program Status Report: Alternative Street Surfacing Materials, Green Streets, and Green Alleys**" on behalf of the Green Streets Committee. The report was approved by the BPW on July 26, 2010 and provides a summary of the progress of various city departments in implementing environmentally friendly street-surfacing materials and other "green" elements, such as porous pavement.
- ◆ BOS, as a member of the **Green Streets Committee**, is currently investigating the possibility of infiltrating stormwater in the public right-of-way by utilizing "green elements" such as porous pavement, planters, and infiltration swales in sidewalks and parkways.



EVENTS

- ◆ There have been five (5) Recycled Water Advisory Group (RWAG) Workshops since December 2009. The RWAG is a group of 65+ stakeholders that provide their ideas, input, and concerns regarding recycled water. Participants have committed to participating in a series of half-day workshops, tours and other informational sessions over the course of the next three to four years. In addition, a series of Recycled Water Forums is being planned for the general public to provide them the opportunity for input on the Recycled Water program.



Pictured Right: RWAG members and City staff listen to Kurt Souza and Dr. Michael Stenstrom speak about Regulatory Framework of Water Recycling and the Purpose and Role of the Independent Advisory Panel respectively, at workshop No. 5 held on Nov.18, 2010 at the Sepulveda Community Garden Center

For more information visit the IRP website: <http://www.lacity.org/san/irp/> or call (323) 342-6251.