

Semiannual Report on Local Resources, Conservation, and Desalination Programs

Water Planning and Stewardship Committee

Item 6d

October 10, 2011

Administrative Code

§ 2715. General Manager's Semi-Annual Reports.

(b) The General Manager shall report semi-annually to the Board on the status of the District's Local Resources and Conservation Programs.

Metropolitan's Approach

- Coordinated and comprehensive
 - Sustainable approaches to achieve IRP targets
- Incentives as catalyst
- Outreach and education
- Strategic alliances
- Advancing water use efficiency
 - Research
 - Legislation and regulations



Conservation, LRP and Seawater Desalination Projects

- Conservation
- Recycled water
- Groundwater recovery
- ★ Seawater desalination

Local Resource Achievements

- 2 new groundwater recovery projects approved – 17,000 AFY
- 81 projects in operation – 205,000 AF
 - \$34 million in FY 2010/11
- Local Resources Development Strategy Task Force
 - Review LRP incentive structure
 - Consider alternative strategies
 - Identify program improvements
- Research
 - WateReuse Foundation
 - Los Angeles County Sanitation District

Legislative, Regulatory and Administrative Efforts

- 20x2020 – recycled water is efficiency
- SB 918 - Uniform criteria for treatment technologies
- State Recycled Water Policy
 - Streamline permitting process
- Statewide General Permit for Landscape Irrigation
- LA Regional Water Quality Control Board - project approval requirements



Conservation Achievements

- Catalysts to change market demand
 - Conservation Credits Program – 13,000 AFY
 - \$13 million in FY 2010/11
 - Innovative Conservation Program – 8 projects
- Outreach and education
 - Proper irrigation control
 - Bewaterwise.com – online and social media
- Strategic alliances with energy utilities, private interests, water agencies
- Development toolbox and sharing of materials.



Legislative, Regulatory and Administrative Efforts

- US EPA WaterSense performance standards
 - Smart controllers, moisture sensors
- California Building Standards Commission
 - Water use efficiency expert on advisory committees
- 20x2020 – Implementation and CII Task Force



Desalination Achievements

- Seawater Desalination Program
 - 3 signed contracts; no current production
- CalDesal – founding member
 - Ocean Plan – intake and discharge
 - Ocean Protection Council – strategy action plan
- Research - Seawater Integration Studies
 - Regional Integration System Analysis
 - Survey of International Plant Integration



Discussion