

Los Angeles Chapter of the WaterReuse Association
MEETING SUMMARY



Location: Donald C. Tillman Water Reclamation Plant (DCTWRP)
Shoin Pavilion

Address: 6100 Woodley Ave.
Van Nuys, CA 91406

Purpose: Bi-Monthly Meeting

Date and Time: April 9, 2013 from 11:30 a.m. – 1:30 p.m.

Distribution: Los Angeles WaterReuse Association Chapter Members

- 1) **Lunch:** Sponsored by RMC Water and Environment
- 2) **Presentations by City of Los Angeles:** a) LA Recycled Water Master Plan and
b) DCTWRP Multipurpose Facility:

a) Evelyn Cortez-Davis noted that the City is planning to accelerate achievement of its 2035 recycled water goals. Expanding non-potable reuse involves new end users in the City including street sweeping, the first hospital in the city of LA to use recycled water for cooling water, a commercial laundry that processes whites, bus washing for MTA and train washing. In addition, a 27-mgd advanced treatment facility at DCTWRP would provide 30,000 AFY of highly purified water for potential local customers as well as for groundwater recharge in the San Fernando Valley. A group of local stakeholders has been working with the City on this program. An Executive Summary of the City's Recycled Water Master Plan was provided to the meeting participants and is available on the City's website.

Evelyn's presentation can be found on the LA Chapter WaterReuse website.*

b) Al Bazzi described the DCTWRP Multipurpose Facility that is in its final stage of project award for design-build delivery. This \$18M, 17,000 sf gold LEED-certified building can accommodate up to 400 people for single event. Construction is expected to begin in approximately 3 months and last for 2 years.

*Drawings of the project concepts were distributed at the meeting and are provided on the LA WaterReuse website.**

3) Special Guest: Dave Smith, Managing Director CA Section WaterReuse

Dave provided some historical background about the formation of the WaterReuse Association and described current legislative issues and events related to recycled water:



- The WateReuse Association was formed in California around 1990 from a couple of other organizations. In 2001, the national organization was created and the CA Section was formed and was initially run solely by volunteers. In 2009, some part-time staff were hired and the full-time Managing Director position began this year. However, the engine of the organization is still largely volunteer based.
- The CA section has about 200 members, constituting half of the national membership. Approximately half of the members are water agencies, with the other half made up of engineering and equipment vendors.
- The WateReuse Research Foundation, a partner organization to the WateReuse Association, provides non-advocacy, objective research on issues of interest to the membership. Anyone interested in further information on the Research Foundation should contact David at dsmith@watereuse.org.

- Legislative items:

Historically, the CA Section has focused on recycled water policy. Recent focus has been on the AB803, the Water Recycling Act of 2013 (formerly AB 2398). This bill will revise CDPH's Title 17 and Title 22 regulations, putting elements of regulation into statute, such as removing filtered loading rate requirement and converting to a performance based standard. It will also make the Health and Safety Code consistent with the Water Code, for example reporting requirements regarding unauthorized discharges where the Health and Safety Code requires reporting of all while the Water Code has a threshold trigger for reporting.

Legislation has also been implemented to begin paving the way for direct potable reuse (DPR). While SB918 required formation of an expert panel, CDPH did not have funding available to execute this work. The CA Section stepped in and advanced the process by encouraging SWRCB to fund CDPH. Agencies such as the city of San Diego are ready to focus on the potential for DPR and need this process in place to address regulatory concerns.

The WateReuse Association is trying to address information gaps through the Research Foundation, e.g., what does the engineered buffer need to be to mitigate the lack of an environmental buffer with DPR? How do real-time monitoring and controls need to be addressed? The Direct Potable Reuse Initiative, a joint effort of the WateReuse Association and WateReuse Research Foundation, has raised \$3.5M toward a goal \$6-10M to fund the research of such inquiries. Public acceptance, however, seems to be the most challenging issue to DPR implementation.

- Upcoming conferences:
 - CA Section Annual Conference - next year's will be held in Newport Beach.



- WateReuse National Conference - in Phoenix, May 6-7, 2013
- WateReuse Research Foundation Conference - in Denver, Sept. 15-18, 2013.
- DPR Conference - in Newport Beach, Nov. 7-8, 2013
- Industrial Reuse Specialty conference - in Long Beach, Dec. 9-10. This is an area of increased interest to expand service of recycled water. The WateReuse Association has had industry advise on how to best serve them. They indicated that they were interested in research, tech transfer, and communication about what's currently being done by others.
- CA Section Annual Conference, March 2014 will be held in Newport Beach. Conferences are put together by volunteers. If interested in participating in the planning for this one, Contact Dave Smith, John Robinson or Mark Tettermer/IRWD.
- A question was posed about the existing a regulatory structure for DPR mentioned during a panel discussion on DPR that was held at the March CA Section Annual Conference. Dave explained that it was noted by Bob Hultquist, formerly with CDPH (Retired Annuitant) that there already exists a regulatory structure for DPR if effluent is treated as surface water source. Under the regulatory framework related to recognizing impaired source waters for drinking water, CDPH does have the authority to approve such projects now. The primary issues for groundwater recharge and surface water augmentation are travel times and how existing technology can be applied to provide adequate health protection. The Research Foundation received a \$2.1M Prop 84 grant to conduct the DPR demonstration project with the City of San Diego.
- A question was posed regarding the management of the DPR Initiative funding. Dave explained that contributions go to the Research Foundation which will administer research projects. Some will come to the CA Section for education and outreach to members and stakeholders. A workshop will be held at West Basin MWD in December to come up with the research agenda. Three projects have been approved for funding thus far by the Foundation.

A question was posed regarding the likelihood of AB803 passing this year. Dave offered his opinion that its chances were "better than 50/50." While this bill was formulated with CDPH, SWRCB and stakeholders, there is still discomfort among many. Upcoming committee votes are April 16 and 30. CDPH has limited capacity to address all issues, such as SRF funding for small systems. But moving the CDPH drinking water department into the SWRCB, or Cal EPA, does not have unanimous support.

A question was posed regarding the best way to provide comments on the draft Groundwater Replenishment Reuse Regulation since the recent version (March



28, 2013) is not yet part of the formal rulemaking process. Dave indicated that WaterReuse will gather representatives together to provide collective comments and that WaterReuse can provide a model letter for agencies to use.

- A question was posed as to why LA County has not hosted a CA Section Annual Conference in 10 years. Dave indicated that attendance has been better when outside of LA, but it is being considered for the 2015 conference.

4) Legislative/Regulatory Updates (Raymond Jay)

Anyone interested in taking over the tracking and reporting of Legislative/Regulatory issues should contact Raymond or any of the other Board members.

Raymond briefed the chapter on the following key regulations related to recycled water use:

- *AB803 Water Recycling Act of 2013* – This is a reduced version of last year’s AB2398. The bill author moved from the Assembly to the Senate; the new author is Jimmy Gomez – the bill is being kept in the Assembly. (Hueso will guide it through the Senate.)
- *AB 613 Water Reclamation*– San Diego County Water Authority is proposing amendments. These are not yet in print but should be out soon.
- Spot Bills:
 - *AB426* – Clarifies RW spill report requirements - it is now a water transfer bill and off our WaterReuse Assoc. radar.
 - *AB501*– expands definition of commercial car wash
 - *AB 1078* – encourages water recycling technology - not clear what the impact would be
 - *AB1200* – 1MAF goal for landscape irrigation – amendments to modify to address storm-induced overflow issues
 - *AB 1349* – sponsored by MWD – funding primarily for conservation, but could also be used for recycled water
- *AB145* – Regarding moving the CDPH drinking water dept. into SWRCB, or Cal EPA etc. This bill is moving forward.

Raymond’s presentation can be found on the LA Chapter WaterReuse website.*

5) Department of Public Health Update (Carlos Borja)

No update provided this month.



6) California State Section Update (Monica Gasca)

- Rowland Water District received Recycled Water Agency of the Year for Small Agency
- Los Angeles County Sanitation Districts received Recycled Water Agency of the Year for Large Agency
- Looking for posters for Annual WaterReuse Research Foundation Conference (Denver, Sept. 15-18, 2013) - due June 24

7) Chapter Updates

- a. February Chapter Meeting Notes – approved
- b. Chapter Newsletter Update (Matt Elsner) – Next issue to go out in June; send ideas/suggestions to Matt.

8) Focus Areas

- a. Draft Groundwater Regulations Update (Judi Miller)

Judi summarized the key changes between the previous, November 2011 version of CDPH's Draft Groundwater Replenishment Reuse Regulation and the latest, March 28, 2013 version. Her summary is provided on the *LA WaterReuse website*.*

A strikeout/underline format version of the regulation has since been posted to the CDPH website to identify the text changes between the versions.

<http://www.cdph.ca.gov/HealthInfo/environhealth/water/Pages/Waterrecycling.aspx>

The LA Chapter can compile regional comments for submittal to LA WaterReuse who Dave Smith noted earlier will prepare a model letter for agency responses.

9) Other Topics

- a. Industrial Use Committee (Joe Walters) - WaterReuse "Newlywed Game" between purveyors and end users at the Annual CA Section Conference was very successful (and entertaining!)
- b. Firefighting with Recycled Water (Earle Hartling) – Write-ups from Glendale/West Basin still needed.
- c. Revision to LACRWAC Recycled Water Users Manual (Earle Hartling) - Have compiled comments and ready to finalize.

10) Membership Roundtable – Projects, Regulatory Issues, Financing, etc. (Kraig Erickson)

- WRD will host its annual Groundwater Quality Workshop on May 9. It provides 4 hours of continuing education contact hours (and free lunch!)
- Rain Bird is hosting a Lunch & Learn session at the LA Arboretum on April 16 featuring Earle Hartling, Joe Walters and a horticulturist Dr. Janet Hartin.

Los Angeles Chapter of the WaterReuse Association

APRIL 9, 2013 MEETING SUMMARY



- Earle Hartling is also presenting on *The Role of Water Recycling: Can Purple Pipe be the White Knight of the Next Water Crisis?* at the LA Basin Section (LABS) of the CA Water Environment Association (CWEA) on April 25.
- Agencies are encouraged to discuss their current recycled projects and issues during this Membership Roundtable agenda item.

11) Next Meetings

- June 11, 2013 – Host: Metropolitan Water District; Sponsor: Rain Bird
- August 13, 2013 – Host: TBD; Sponsor: TBD
- October 8, 2013 – Host: TBD; Sponsor: TBD

Los Angeles Chapter Officers for 2013

Raymond Jay, President	213-217-5777	rjay@mwdh2o.com
Kraig Erickson, Vice President	805-550-5232	kerickson@rmcwater.com
Judi Miller, Secretary/Treasurer	213-228-8236	judi.miller@ch2m.com
Monica Gasca, Chapter Trustee	562-908-4288 x2838	mgasca@lacs.org
John Robinson, Past-President	626-375-9389	jrobinson@johnrobinsonconsulting.com

If you would like to receive future Los Angeles Chapter meeting announcements or be removed from the Chapter Roster please contact Judi Miller.

* The presentations from this April, 2013 meeting can be found at:
<http://www.watereuse.org/sections/california/losangeles/meetings>

Meeting Attendees

Member	Organization
Abraham Razon	Los Angeles/Bureau of Sanitation
Al Bazzi	Los Angeles/Bureau of Engineering
Albert Perez	Los Angeles Dept. of Water and Power
Andrew Stanton	Black & Veatch
Anita Matlock	Rain Bird
Cathy Chang	Water Replenishment District of Southern CA
Charles Gruel	Los Angeles Dept. of Water and Power
Chris Demonbrun	Los Angeles/Bureau of Sanitation
Chris Mote	MWH
Don Zylstra	West Basin MWD
Dusty Moio	Rowland Water District
Earle Hartling	Sanitation Districts of Los Angeles County
Eric Smith	CDM Smith

Los Angeles Chapter of the WaterReuse Association

APRIL 9, 2013 MEETING SUMMARY



Evelyn Cortez-Daviz	Los Angeles Dept. of Water and Power
Fred Garringer	Trussell Technologies
Gordon Phair	City of Palmdale
Inge Wiersema	Carollo Engineers
Jeffry Dennis	Metropolitan Water District of So. Calif.
Jocelyn Carrillo	Los Angeles/Bureau of Sanitation
Joe Walters	West Basin Municipal Water District
John Robinson	John Robinson
Judi Miller	CH2M HILL
Julia Aranda	Kennedy Jenks
Kerry McCorkle	Los Angeles Dept. of Water and Power
Kirk Allen	Los Angeles County Dept. of Public Works
Kraig Erickson	RMC Water and Environment
Maria Alvarez	Lee & Ro
Matt Knudsen	City of Palmdale
Monica Gasca	Sanitation Districts of Los Angeles County
Parag Kalaria	MWH
Paul Liu	Los Angeles Dept. of Water and Power
Pete Skacan	Los Angeles Dept. of Water and Power
Rachel Davis	Long Beach Water Department
Raymond Jay	Metropolitan Water District of So. Calif.
Rosalba Santana	Los Angeles Dept. of Water and Power
Seth Carr	Los Angeles/Bureau of Sanitation
Shadi Bader	Burbank Water and Power
Shahnawaz Ahmad	SA Associates
Sharona Sokolow	UCLA
Slavica Hammond	Los Angeles/Bureau of Engineering
Steve Sinardi	Burbank Water and Power
Terri Slifko	Metropolitan Water District of So. Calif.

TOTAL ATTENDEES: 42