



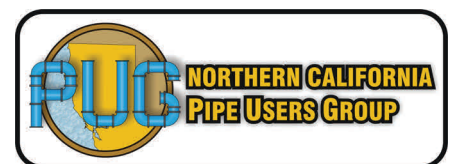
Apple iPad  
Giveaway!

## **TWENTY-THIRD ANNUAL SHARING TECHNOLOGIES SEMINAR**

### **PUG 2015 ANNUAL SEMINAR**

**Thursday, February 19, 2015**

Being Held at:  
Hs. Lordship  
199 Seawall Drive  
Berkeley, CA 94710



[www.norcalpug.com](http://www.norcalpug.com)

# SEMINAR AGENDA

8:30 – 9:00 REGISTRATION and CONTINENTAL BREAKFAST

9:00 – 9:05 **Opening Remarks**, Roberts McMullin, PUG Chair (East Bay Municipal Utility District)

## Morning Session Moderator: Robert L. Allen, PUG Rep At Large, CDM Smith, Inc.

9:05 – 9:45 KEYNOTE PRESENTATION: **“Water 4.0,”** David Sedlak, Malozemoff Professor in the Department of Civil and Environmental Engineering at UC Berkeley and Co-Director of the Berkeley Water Center.

9:45 – 10:25 **“Trenchless Methods Used on Recent Sewer and Water Line Replacements in California,”** Lee Abramson, PE, GE, Hatch Mott MacDonald, Craig Camp, Hatch Mott MacDonald, Nick Goodenow, PG, EIT, Hatch Mott MacDonald.

10:25 – 10:40 COFFEE BREAK

10:40 – 11:20 **“Taking the Bluff out of Hard Rock Tunneling ,”** Randall Berry, PE, Harris & Associates, Vern Phillips, PE., Harris & Associates, Ron Drago, City Engineer Rancho Palos Verdes.

11:20 – 12:00 **“South Napa Earthquake Aug 2014 – 120 water system leaks in 5 days...and more,”** Joy Eldredge, City of Napa.

## Afternoon Session Moderator: Cindy Preuss, P.E., Prior PUG Chair, HydroScience Engineers

1:00 – 1:40 **“The Mokelumne Aqueduct Recoating Project,”** Mark Lewis, East Bay Municipal Utility District.

1:40 – 2:20 **“VSFCD’s New Outfall to the Mare Island Strait,”** Douglas Wing, PE, Carollo Engineers, Rudolf Ohlemutz, Vallejo Sanitation and Flood Control District.

2:20 – 2:35 COFFEE BREAK

2:35 – 3:15 **“Challenging Microtunnel Project along Peninsular Shores,”** Teresa Herrera, PE, South Bayside System Authority, Michael K. Jaeger, The Covello Group.

3:15 – 3:55 **“Water Pipe Replacement Strategies for Seismic and Pipe Aging,”** John Eiding, G&E Engineering Systems.

3:55 – 4:00 Apple iPad Giveaway – Must be present to collect prize.

4:00 – 4:30 Closing Remarks – Adjournment.

4:30 – 5:30 COCKTAIL HOUR – Hosted by PUG.

# Pipe User's Group Members\*

- Advanced Drainage Systems, Inc.
- Anchor Engineering
- Black & Veatch Corporation
- Brown and Caldwell
- California Precast Concrete Pipe Association
- Carollo Engineers
- Castro Valley Sanitary District (CVSD)
- CCCSD
- CDM Smith Inc.
- City and County of San Francisco
- City of Oakland
- City of Pittsburg
- City of Sacramento
- City of San Carlos
- City of Santa Clara
- Contech Engineered Solutions, LLC
- CSG Consultants, Inc.
- CUES
- DCM
- Dickson Bonneau, P.E., Consulting Sanitary Engineer
  - Dublin San Ramon Services District
  - East Bay Municipal District
  - GHD, Inc.
  - Golder Associates
  - Griffin Engineering, Inc.
  - Harris & Associates
  - Hatch Mott MacDonald
  - HDR Engineering
  - Hobas Pipe USA
  - Hydra-Stop
  - HydroScience Engineers, Inc.
  - Jacobs Associates
  - LMK Technologies, LLC
- Mladen Buntich Construction Co., Inc.
- Napa Sanitation District
- National Clay Pipe Institute
- Nor-Cal Pipeline Services
- Nute Engineering
- NV5
- Oro Loma Sanitary District
- P&F Distributors
- Quinzon, Passey & Associates
- RDO Equipment Co. / Vermeer
- RMC Water & Environment
- Ross Valley Sanitation District
- Sacramento Area Sewer District
- Sacramento Regional County Sanitation District
- Schaaf & Wheeler
- Sekisui SPR Americas, LLC
- Specied Pipe
- The Covello Group, Inc.
- TT Technologies, Inc.
- Underground Solutions
- Union Sanitary District
- V&A Consulting Engineers
- V.W. Housen & Associates
- Vallejo Sanitation and Flood Control District
- Whitley Burchett & Associates

\* Is your agency not a member?  
Take advantage of discounts on this seminar and other upcoming events thru June 2015. Go to our website to download a membership form to sign up. [www.norcalpug.com](http://www.norcalpug.com)

Register only ONE person on each registration form. For multiple registrants, please photocopy. Please print your name exactly as you wish it to appear on your name badge.

- I am a PUG Member!\* Enclosed is my \$100 registration fee.  
(\*my agency is listed at the top of this form)
- I am NOT a PUG Member. Enclosed is my \$125 registration fee.
- I will purchase my registration using PayPal on the PUG website.

Only checks made payable to PUG or Pipe User's Group are accepted.

Name \_\_\_\_\_  
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 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone No. \_\_\_\_\_  
 Email \_\_\_\_\_

PayPal is now available  
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- Lunch will be provided.  
Please choose one:
- Filet Mignon
  - Salmon
  - Chicken
  - Eggplant Parmesan

**RSVP's must be received by  
February 6, 2015**

**Send to:**  
Sharing Technologies Seminar  
c/o Brown and Caldwell  
1590 Drew Ave., Suite 201  
Davis, CA 95618  
Attn: Iris Uresti

Questions? Call (530) 204-5208  
or email [iuresti@brwncald.com](mailto:iuresti@brwncald.com).

A confirmation email will be sent after registration is received.