



**MEETING MINUTES**  
**April 19, 2011**

**Attendees:**

Amanda Lei	City of San Jose	amanda.lei@sanjoseca.gov
Bill Chavez	SRCSO	chavezb@sacsewer.com
Bonneau Dickson	Bonneau Dickson	dickson.bonneau@gmail.com
Brad Leidecker	HDR	bradley.leidecker@hdrinc.com
Brian Chan	Foster City	bchan@fostercity.org
Chris Lyne	P&F Distributors	chris@pfdistributors.com
Deanna Tanner	Brown & Caldwell	dtanner@brwncald.com
Dolly Chen	HDR	dolly.chen@hdrinc.com
Eric Evans	RMC Water	eevans@rmcwater.com
Helena Choi	City of San Jose	helena.choi@sanjoseca.gov
Kevin Kai	Brown & Caldwell	kkai@brwncald.com
Kurt Vincelette	RB Company	kvincelette@rbcompany.com
Roberts McMullin	EBMUD	rmcmulli@ebmud.com
Marshall McLeod	EBMUD	mmcleod@ebmud.com
Michael Garcia	HOBAS	michaelgarc@gmail.com
Nader Gorji	AECOM	nader.gorji@aecom.com
Nona Espinosa	Nolte Vertical Five	nona.espinosa@nolte.com
Sandie Dudley	CDM	dudleysl@cdm.com
Stan Shogren	Retired Board Member	teech@pacbell.net
Steffen Vogt-Obrecht	Predl Systems	steffen.vogt-obrecht@predlsystems.com
Titus Raceles	City of San Jose	titus.raceles@sanjoseca.gov
Tope Hall	Whitley Burchett	dolanian@whitleyburchett.com
Walter Pease	City of Pittsburg	wpease@ci.pittsburg.ca.us
Xiangquan Li (XL)	HDR	xiangquan.li@hdrinc.com

**Presentation:** Understanding Pipe Standard Specifications and Their Applications by Xiangquan Li (XL) of HDR Engineering, Inc.

The presentation covered:

1. Introduction
2. Variations in Pipe Standards
3. Requirements and Applications
4. Questions

***Highlights from the presentation include:***

1. XL reviewed standard specifications from ASTM, AWWA, Greenbook, the European Committee for Standardization (CEN), and the German DIN Standards.
2. Standard specifications vary for similar pipe materials as found during the specification review.

Minutes by: Roberts McMullin, East Bay Municipal Utility District  
Secretary, Nor Cal PUG

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3. XL provided informative charts showing the following information by pipe material:
  - a. Minimum three-edge-bearing strength
  - b. Minimum material compressive strength
  - c. Pipe joint pressure test
  - d. Pipe material chemical resistance
  - e. Pipe end squareness
  - f. Pipe straightness tolerance
  - g. Pipe roundness tolerance
  - h. Minimum material compressive strength – tunneling applications
  - i. Pipe end squareness – tunneling applications
4. For owner, engineer, and contractor, it is prudent to understand the specific requirements and the applicable conditions for pipeline construction. Especially, for pipeline projects with unique features.
5. For more information on the presentation, visit our website at [www.norcalpug.com](http://www.norcalpug.com).

**Handouts:** None.

Thank you XL for the excellent presentation.

**General:**

**March 15, 2011 Meeting Minutes:** A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

**Announcements:**

**2010/2011 Membership:** Please submit your 2010/2011 membership renewals. Memberships cost is \$350 per entity. Remember that membership has numerous benefits, such as discounts for courses and conferences, participation in raffles held at random monthly meetings, discounts on attending the annual seminar, etc. Get your renewals and/or new member applications in today.

**PUG Go Kart Event:** PUG is currently setting up go kart racing event for this summer. The tentative date for the event is Monday, June 13, 2011, from 6:30 p.m. to 9:30 p.m. in Burlingame. The venue is called GoKart Racer – see [www.gokartracer.com](http://www.gokartracer.com) for more information. The PUG Board is still working out the final details and a future email will describe the details.

**UIM Webinars:** The Water Utility Infrastructure Management (UIM) website hosts on-line and provides archived webinars related to water management. For more information, visit the UIM website: [www.uimonline.com/index/webinars](http://www.uimonline.com/index/webinars). Upcoming webinars include:

- Hands-Off Sewer Flow Monitoring – May 11, 2011
- HDPE Pipe: The Sustainable Solution for Potable Water – May 19, 2011

**UIM Conference:** UIM will be hosting a conference in Seattle on May 4, 2011. For more information, visit [www.uimonline.com](http://www.uimonline.com).

**Trenchless Technology Webinars:** The Trenchless Technologies website hosts on-line and provides archived webinars related to the trenchless industry. For more information, visit the TT website at: [www.trenchlessonline.com/index/webinars](http://www.trenchlessonline.com/index/webinars). Upcoming webinars include:

- HDPE Pipe: The Sustainable Solution for Potable Water – May 19, 2011
- Water Relining – July 1, 2011

**Trenchless Technology Roadshow:** A Trenchless Technology Roadshow will be hosted in Seattle on May 3 – 4, 2011. Visit [www.trenchlessonline.com](http://www.trenchlessonline.com) for more information.

**Colorado School of Mines:** Colorado School of Mines is offering a tunneling short course called Breakthroughs in Tunneling 2011. The course directors are Dr. Levent Ozdemir, P.E. and Timothy Coss. The course is offered September 19 – 21, 2011. For more information on registration, visit [www.tunneling.com](http://www.tunneling.com).

**Water Environment Federation:** WEF is offering a distance learning webcast (\$155 for members and \$195 for non-members) on Perspectives on Pipeline Renewal. Visit [www.wef.org](http://www.wef.org) for more information.

AWWA and WEF are hosting the Utility Management Conference in Denver, Colorado over February 8 through 11, 2011. Water and wastewater managers and professionals will gather to discuss on the latest approaches, practices, processes, techniques, case studies, and research in all aspects of utility management. Visit [www.wef.org](http://www.wef.org) for more information.

WEFTEC 2011 is scheduled for October 15 through 19 in Los Angeles, California.

**NASTT No-Dig Show:** The 2011 NASTT 20<sup>th</sup> No-Dig Show was held in Washington, D.C. over March 27 – 31, 2011. Cindy Preuss and Bill Chavez of the PUG Board attended this year to represent Northern California. NASTT hosted an auction to help college students with scholarships and the PUG Board purchased two items that will be raffled away at upcoming monthly meetings. For more information, visit <http://www.nodigshow.com/>.

#### **Projects Discussions:**

Kurt Vincelette of RB Company discussed a 20% increase in plastic pipe prices due to the tsunami damage in Japan. Japanese resin manufacturing has decreased tremendously causing a spike in prices and availability in the USA. Cost estimates are changing on a day to day basis and a minimum lead time of 6 to 8 weeks is required.

Bonneau Dickson asked the attending PUG members if anyone had experience with chemical feed systems or API pumps. Unfortunately, no one in the group did.

Eric Evans of RMC Water discussed the City of Santa Clara's Walsh Avenue Sewer Improvements Project, which includes an inverted siphon across a creek. The crossing was to be performed via open cut trenching. In order to reduce construction costs and impacts to a newly constructed bicycle trail, the Contractor proposed the use of pilot tube guided auger boring (PTGAB) to install the down-leg portion of the siphon via trenchless technology. This process will entail tunneling at a 21 degree angle below the horizontal. Construction is scheduled to take place in May or June, 2011. The design team was previously unaware that PTGAB can be practical at such a steep angle. This new knowledge will be very helpful in designing future projects with similar characteristics.

Steffen Vogt-Obrecht and Manfred of Predl Systems provided a brief presentation on the products provided by Predl Systems of North America. The products included manhole base liners, Corprotect manhole liners, bell and spigot accessories, and drop inlet structures. Three ring binders including product information were provided to attendees and an actual manhole base liner and Corprotect liner were on display. PUG thanks Steffen and Manfred for the great discussion.

#### **Next Meeting:**

The next general meeting is scheduled for Tuesday, May 17, 2011. The presentation topic is on Flexible Expansion Joints and Joint Restraints from EBAA Iron Products by Karl Miersemann of EBAA Iron. Please call Roberts McMullin at 510-287-1296 or email [rmcmulli@ebmud.com](mailto:rmcmulli@ebmud.com) for additional information on this month's meeting minutes.