



**MEETING MINUTES**  
**November 17, 2009**

**Attendees:**

Alex Park	Brown & Caldwell	apark@brwncald.com
Cara Ingebrigtsen	Brown & Caldwell	cingebrigtsen@brwncald.com
Cindy Preuss	Harris & Associates	cpreuss@harris-assoc.com
Dorcas Olaniyan	Whitley Burchett	dolaniyan@whitleyburchett.com
Erik Zalkin	Brown & Caldwell	ezalkin@brwncald.com
Mike Garcia	Hobas Pipe	mgarcia@hobaspipes.com
Ian Kruljac	Brown & Caldwell	ikruljac@brwncald.com
Jen Glynn	RMC	jglynn@rmcwater.com
John Ostermann	CertainTeed	john.r.ostermann@saint-gobain.com
Jonathan Lee	WVSD	jlee@westvalleysan.org
Kurt Vincelette	R&B Company	kvincelette@rbcompany.com
Lani Good	Brown & Caldwell	lgood@brwncald.com
Liz Hirschhom	Whitley Burchett	lhirschhom@whitleyburchett.com
Marisa Boyce	EBMUD	mboyce@ebmud.com
Nancy Ku	PSOMAS	nancy.ku@psomas.com
Nona Espinosa	Nolte Associates	nona.espinosa@nolte.com
Pat Symons	Gladding McBean	patsymons@pacconst.com
Richard Foss	CCCSD	rfoss@centralsan.org
Rob Crow	Underground Solutions, Inc.	rcrow@undergroundsolutions.com
Rosemary Smud	ACIPCO	rsmud@acipco.com
Sandie De Medeiros	CDM	demedeirosl@cdm.com
Sarah Rhodes	Carollo	srhodes@carollo.com
Sasha Mestetsky	CCCSD	smestets@centralsan.org

**Presentation:** *Certa-Lok™ Restrained Joint PVC Pipe for Trenchless Construction* by John Ostermann, the Trenchless/Municipal Products Western Regional Manager of **CertainTeed Corporation.**

The presentation covered:

1. Benefits of Certa-Lok™
2. Applications of Certa-Lok™

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

1. ASCE reports a need for \$11 billion to replace aging water infrastructure in the United States.
2. Certa-Lok Yelomine has UV resistance to a 20-year lifetime. A 13-year old sample piece was tested and the results showed that the sample piece was in as good as new condition.

3. Certa-Lok can provide pipe joint restraint for PVC piping sizes ranging from 2" to 16". Certa-Lok is currently working on larger diameter restraints.
4. The Certa-Lok spline will not come out during pullback since it is under tension.
5. Certa-Lok Yelomine comes in pressures classes of 125 to 325.
6. AWWA standard for pressure capacities has been revised for PVC pipe. For example: a DR 25 PVC pipe previously had a pressure class of 100 psi and the new standard has a pressure class of 165 psi, which is a substantial increase.
7. Price of PVC pipe has fluctuated 30% down and 30% up within the last 60 days.

**See website for Handouts.**

Thank you John for a great presentation!

**General:**

**November 17, 2009 Meeting Minutes:** A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

**Announcements:**

**2009/2010 Membership:** Please submit your 2009/2010 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.

**Holiday Dinner:** PUG is planning a Holiday Dinner for sometime in January, 2010. More information will be forthcoming.

**DDSD Sliplining Tour:** The DDSD sliplining tour has been rescheduled to a later date. An email will be sent out to the PUG email list once a new date has been confirmed.

**Financial:** PUG reported a net loss of \$5,400 for 2009 due to the startup of the new website and implementation of the current Bylaws.

**Field Trip:** PUG is hoping to have a field trip in May 2009 at the manufacturing facilities of Gladding McBean in Lincoln, California. Buses will be provided to transport members to and from the facility. Jonathan Lee will coordinate with Patrick Symons of Gladding McBean. More information will be provided once the field trip is confirmed.

**SSC Webinars:** SSC continues to present monthly lunch webinars covering boring, drilling, and vacuum excavation applications. See [www.sscboring.com/education](http://www.sscboring.com/education) for more information. The upcoming webinars include:

- Trenchless Case Studies – New and Rehab – **December 8, 2009**
- *Introduction to Pipe Bursting and Ramming* – **January 7, 2010**
- HDD Applications – **February 4, 2010**

**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). See below for upcoming webinars:

- Pipeline Condition Assessment by Pure Technologies – **November 18, 2009**

**UIM Conferences:** UIM will be hosting the UIM Asset Management Conference December 14 – 15, 2009 in Indianapolis, Indiana. See <http://www.uimonline.com/index/conference> for more information.

**NASTT No-Dig Show:** The 2010 NASTT No-Dig Show will be held in Chicago, Illinois during May 2 through 7, 2010. Visit <http://www.nodigshow.com/> for more information.

**PUG Sharing Technologies Seminar 2010:** The 18<sup>th</sup> Annual Sharing Technologies Seminar is scheduled for **Thursday, February 18, 2010**. Abstracts have been received and selected by the PUG Board. Letters have been sent out to all abstract submitters and a keynote speaker has been selected. More information will be forthcoming.

**Colorado School of Mines:** Colorado School of Mines is offering a Microtunneling Short Course during February 9 through 12, 2010. Visit <http://www.microtunneling.com/> for more information.

**McElroy University:** McElroy University is offering training classes on small diameter fusion machines, mid-range fusion machines, large diameter fusion machines, and tracstar machines. Visit <http://www.mcelroy.com/fusion/training/index.htm> for more information.

**Trenchless Technology:** Trenchless Technology presented the 2009 Project of the Year Award recipients. Honorees included WSSC's Pipeline Renewal Project for Rehabilitation and Virginia Natural Gas Hampton Roads Harbor Pipeline Project for New Installation. See <http://www.trenchlessonline.com> for more information.

**Trenchless International:** Trenchless International has the following news:

- No-Dig Moscow will be held June 1 – 4, 2010
- No-Dig Singapore will host the 28<sup>th</sup> Annual International No-Dig Conference and Exhibition over November 8 – 10, 2010.
- International Trenchless Directory is now available, see <http://www.trenchlessinternational.com> for more information.
- Nu Flow has partnered exclusively with Flow Liner.

**Insituform:** Insituform received Honorable Mention for Madison Avenue Project (New York City) from Trenchless Technology Magazine. The project included rehabilitation of 10,000 feet of a 48-inch water main.

**North American Pipelines:** North American Pipelines is offering a two part webinar series on New Construction Using Trenchless Techniques on December 3 and 8, 2009. See <http://www.napipelines.com> for more information.

**UNITRACC News:** UNITRACC has an extensive database of information and expert knowledge on trenchless technology. Recently, an article by Dr.-Ing. Robert Stein titled "Blast from the Past: A History of Pipe Bursting" was published reviewing the historic development of pipe bursting. See <http://www.unitracc.com> for more information.

**Water Environment Federation:** Upcoming WEF Specialty conferences can be found on the website: <http://www.wef.org/Conferences>. See below for upcoming events:

- Utility Management Conference 2010 in San Francisco – **February 21 – 24, 2010**
- 2010 AWWA / WEF Information Management & Technology Conference in Portland – **March 21-24, 2010**
- Collection Systems 2010 in Phoenix – June 13 – 16, 2010

**Projects Discussions:** Los Gatos demolished a 200' bridge crossing the Los Gatos Creek that contained a 12" DIP beneath the deck. Construction of a new bridge and 12" DIP is anticipated in May of 2010. Los Gatos expects difficulty with the bypass line during installation for the new 12" DIP.

**Next Meeting:** The next general meeting will be held **Tuesday, December 15 2009** at the office of [Brown & Caldwell located at 201 N. Civic Dr., Suite 300, Walnut Creek, CA](#). The topic will be on **G.S.E. Studliner HDPE Concrete Embedment Liner** by Lewis Titus of Titus Industrial Group, Inc. Please call Roberts McMullin at 510-874-3102 or email [rob\\_mcmullin@urscorp.com](mailto:rob_mcmullin@urscorp.com) to RSVP or ask for additional information on this month's meeting minutes.