



**MEETING MINUTES**  
**July 20, 2010**

**Attendees:**

Bill Chavez	SRCS D	chavezb@sacsewer.com
Chris Lyne	P&F Distributors	chris@pfdistributors.com
Cindy Preuss	Harris & Associates	cpreuss@harris-assoc.com
Deanna Tanner	Brown & Caldwell	dtanner@brwncald.com
Don Wible	Veolia ES	don.wible@veoliaes.com
Dorcas Olaniyan	Whitley Burchett	dolaniyan@whitleyburchett.com
Edgar Benitez	Ameron	edgar_benitez@ameron.com
Glen Anderson	Schaaf & Wheeler	ganderson@swhsv.com
Jimmy Dang	Kennedy Jenks	jimmydang@kennedyjenks.com
Jonathan Lee	WVSD	jlee@westvalleysan.org
Kurt Vincelette	R&B Company	kvincelette@rbcompany.com
Lorraine Florendo Htoo	Winzler & Kelly	lorrainehtoo@w-and-k.com
Mark Hallett	Saertex multiCom	m.hallett@saertex.com
Mark Wenslawski	CCCS D	mwenslawski@centralsan.org
Mike Garcia	HOBAS	mgarcia@hobaspips.com
Patrick Hamilton	ACIPCO	phamilton@acipco.com
Roberts McMullin	URS Corporation	rob_mcmullin@urscorp.com
Rosemary Smud	ACIPCO	rsmud@acipco.com
Sasha Mestetsky	CCCS D	smestets@centralsan.org
Stan Shogren		teech@pacbell.net
Ted Hopkins	Shannon Wilson	twh@shanwil.com
Tom Grau	Hatch Mott MacDonald	thomas.grau@hatchmott.com
Tracie Sakakihara	Hatch Mott MacDonald	tracie.sakakihara@hatchmott.com

**Presentation: Saertex Glass Fiber UV Cure Liner** by Mark Hallett of Saertex MultiCom.

The presentation covered:

1. Introduction and overview of UV cure pipe liners
2. Comparison to other liners
3. Environmentally friendly application process

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

1. The glass fiber GPR liner is ISO 9001 certified.
2. Glass fibers are rolled into mats, which are manufactured into tubes. The tube is sealed with an inner and outer foil to enclose the resin.
3. Liners can be pulled through manhole openings.
4. Installation of the liner requires the following procedure:
  - a. Install the gliding foil above an access manhole
  - b. Pull the liner through the pipe

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Secretary, Nor Cal PUG

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- c. Winch liner into the correct placement
- d. Insert UV light source into the liner opening
- e. Pressurize the tube to expand the liner
- f. Pull UV light source through extent of lined pipe for curing
5. Glass fiber GPR liners have the following benefits:
  - a. The ability to view inside the liner before curing
  - b. Higher strength than felt or fold & form liners
  - c. 70 years life expectancy
  - d. Shorter installation times
  - e. No styrene odors
  - f. No resin slugging at laterals
  - g. No excess resin released
  - h. No resin washout
  - i. Uniform wall thickness throughout pipe
6. For more information visit [www.saertex-multicom.de](http://www.saertex-multicom.de) for more information.

**Handouts:** Mark provided brochures for those interested on the Saertex-Liner products.

Thank you Mark for an outstanding presentation!

**General:**

**April 20, 2010 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 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.

**PUG Annual Seminar:** PUG will be hosting the 19<sup>th</sup> Annual Sharing Technologies Seminar at Hs. Lordships in Berkeley on Thursday, February 17, 2011. The keynote speaker has been selected as Dr. Samuel Ariaratnam from Arizona State University.

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

- Lunch and Learn: HDD Applications – **August 5, 2010**
- Webinar: Large Diameter Case Studies – **September 9, 2010**
- Webinar: Pipe Ramming and Bursting – **November 4, 2010**
- Lunch and Learn: Methods and Alternatives for Boring – **December 2, 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:

- Asset Management – **August 1, 2010**
- Hands Off Sewer Flow Monitoring – **September 14, 2010**
- Geographic Information Systems – **December 1, 2010**

**Trenchless Technologies Webinars:** The Trenchless Technologies website hosts on-line webinars related to the trenchless industry. For more information, visit their website at: <http://www.trenchlessonline.com/index/webinars>. See below for upcoming webinars:

- Damage Prevention Tools and Procedures – **July 21, 2010**

- Do-it-yourself Trenchless Solutions – **August 26, 2010**
- Pipe Rehabilitation – **September 1, 2010**
- Guided Boring Systems – **November 1, 2010**
- Grouting – **December 1, 2010**

**Trenchless Technologies:** Trenchless Technologies is asking for Projects of the Year nominations. For more information, visit <http://trenchlessonline.com/index/projectyear>.

**WESTT No-Dig Conference & Exhibition:** The 2010 WESTT Do-Dig Conference & Exhibition will be held in Phoenix, Arizona during October 25 – 26, 2010.

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

- WEFTEC 2010 in New Orleans – **October 2 – 6, 2010**
- Collection Systems 2011 – Rehab or Roulette – **June 12 – 15, 2011**

**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.

**NASTT No-Dig Show:** The 2011 NASTT 20<sup>th</sup> No-Dig Show will be held in Washington, D.C. during March 27 – 31, 2011. Some of the PUG Board will be attending next year to represent Northern California. NASTT hosts an auction to help college students with scholarships. For more information, visit <http://www.nodigshow.com/>. We hope to see you there...

**American Public Works Association:** APWA is now accepting applications for the 2010-2011 class of emerging leaders. Deadline for Application is July 30, 2010. Call for presentations deadline is rapidly approaching for 2011 Congress, Snow Conference, and Sustainability Conference. Visit [www.apwa.net](http://www.apwa.net) for more information.

**Colorado School of Mines:** Colorado School of Mines is offering a tunneling short course on Breakthroughs in Tunneling during September 22 – 24, 2010.

**Underground Imaging Technologies:** UIT purchased by Caterpillar. UIT produces advanced 3D subsurface mapping.

**Local News:** Microtunneling played a key role in the construction of the New Crystal Springs Bypass Tunnel in San Francisco, California. Jacobs Associates provided the construction management services during construction.

**Projects Discussions:** Cindy Preuss discussed a current project in Santa Cruz. The project consists of a transmission pipeline replacement that requires open trench installation and auger borings under railroad tracks. The construction requires an elaborate shoring system to deal with the small installation corridor.

**Next Meeting:** The next general meeting is scheduled for Tuesday, August 17, 2010. The presentation topic is Guided Pipe Ramming using Pilot Tubes by Craig Camp of Jacobs Associates. Please call Roberts McMullin at 510-874-3102 or email [rob\\_mcmullin@urscorp.com](mailto:rob_mcmullin@urscorp.com) for additional information on this month's meeting minutes.