



MEETING MINUTES
August 18, 2009

Attendees:

Alex Park	Brown & Caldwell	apark@brwncald.com
Alvin Chen	CCCSD	achen@centralsan.dst.ca.us
Brian Avon	Carollo	bavon@carollo.com
Brian Chan	Foster City	bchan@fostercity.org
Cara Ingebrigtsen	Brown & Caldwell	cingebrigtsen@brwncald.com
Chris Lyne	P&F	chris@pfdistributors.com
Cindy Preuss	Harris & Associates	cpreuss@harris-assoc.com
Collin Dudley	Brown & Caldwell	cdudley@brwncald.com
Don Wible	Pacific Liners	don.wible@veoliaes.com
Dorcas Olaniyan	Whitley Burchett & Associates	dolaniyan@whitleyburchett.com
Erik Zalkin	Brown & Caldwell	Ezalkin@BrwnCald.com
Jimmy Dang	Kennedy Jenks	jimmydang@kennedyjenks.com
Jonathan Lee	WVSD	jlee@westvalleysan.org
Ken Cook	WCWD	kcook@wcwd.org
Kurt Vincelette	R&B Company	kvincelette@rbcompany.com
Liz Hirschhorn	Whitley Burchett & Associates	lhirschhorn@whitleyburchett.com
Nancy Ku	PSOMAS	nancy.ku@psomas.com
Paul Deveau	Ameron	paul_deveau@ameron.com
Paul Winnicki	WCWD	pwinnicki@wcwd.org
Rita Cheng	CCCSD	rcheng@centralsan.org
Rob Crow	Underground Solutions	rcrow@undergroundsolutions.com
Rosemary Smud	American Ductile Iron Pipe	rsmud@acipco.com
Russ Eberwein	Harris & Associates	reberwein@harris-assoc.com
Sasha Mestetsky	CCCSD	smestets@centralsan.org

Presentation: *Manhole Lining Solutions* by Werner Hingerl of Predl GU Liner Systems, Inc.

The presentation covered:

1. Wastewater Collection Systems
2. Corrosion/Abrasion Protection
3. Infiltration and Inflow Control

Highlights from the presentation include:

1. GU products include:
 - GU manhole base liner
 - GU riser liner
 - GU inside drop
 - GU outside drop

Minutes by: Roberts McMullin, URS Corporation
Secretary, Nor Cal PUG

Page 1 of 3

- GU convertible collar
 - GU wet well GU lift station
 - GU rehab liner
2. MICC is microbially induced concrete corrosion that occurs when sulfuric acid reacts with cementitious material. The end result is deterioration to a concrete structure.
 3. GU liners are made of wastewater resistant plastic that can protect against MICC.
 4. GULiners are made of non-skid surfaces.
 5. GU base liners are monolithically constructed, which makes application easy and safe.
 6. Liners include gaskets for incoming and outgoing legs.
 7. Liners can accommodate deflection in joints up to 3 degrees.
 - 8.

No handouts

Thank you Werner for an outstanding presentation!

General:

July 21, 2009 Meeting Minutes: A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

Website Update: The new website is operational and the remaining content will be uploaded very soon.

Announcements:

2009/2010 Membership: Please submit your upcoming 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.

As of now, 35 members have provided membership costs.

Financial: It is tax filing time and the reports will be posted upon completion.

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

- Alternative Trenchless Delivery Methods Part 2 – **September 3, 2009**
- Benefits of Vacuum Excavating – **October 1, 2009**
- Small Boring Unit (SBU) Applications – **November 5, 2009**

UIM Webinars: The Water Utility Infrastructure Management (UIM) website hosts on-line webinars related to water management. For more information, visit the UIM website: www.uimonline.com/index/webinars. The upcoming webinars include:

- 3-D Mapping of Underground Infrastructure by Geospatial – **August 25, 2009**
- Water Loss Modeling and Management by Bentley – **September 24, 2009**
- Leak Detection by ADS – **October 27, 2009**
- Pipeline Condition Assessment by Pure Technologies – **November 18, 2009**

Specialty Conferences 2009: The following specialty conferences include:

- Pipeline 2009 Conference in San Diego, California – August 16 – 19, 2009
- WEFTEC Exhibition & Conference in Orlando, Florida – October 10 – 14, 2009

2009 Trenchless Road Show: A Trenchless Road Show will be held in Newark, New Jersey during August 25 through 26, 2009. Visit <http://www.trenchlessroadshow.com/> 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.

WESTT Western Regional No-Dig Show: The 2009 WESTT Western Regional No-Dig Show will be held in Honolulu, Hawaii during September 10 and 11, 2009. Visit <http://www.westt.org/> for more information.

PUG/WESTT Good Practices Course: The 2009 PUG/WESTT Good Practices Course is coming up on October 20, 2009 at the office of CCCSD. This year the course is on New Installation Methods. More information will be provided in September.

Colorado School of Mines: Colorado School of Mines is offering a Tunneling Short Course during September 23 through 25, 2009. Visit <http://www.microtunneling.com/> for more information.

McElroy University: McElroy University is offering classes on PE pipe fusion machine training. Visit <http://www.mcelroy.com/fusion/training/index.htm> for more information.

Trenchless Technologies: Trenchless Technologies has published the following materials:

- Lateral Rehabilitation Guide for Municipalities, Engineers, and Contractors.
- 2009 – 2010 Directory of the North American Trenchless Technology Industry.
- July 2009 issue cover story focuses on five industry leaders assemble at the 2009 International No-Dig Show to Discuss the State of the Global Trenchless Industry.

Trenchless International: Trenchless International will launch the 2010 International Trenchless Directory in October 2009.

Pure Technologies: Pure Technologies has entered into an agreement to purchase Jason Consultants. Jason is a specialized consulting engineering firm focused on underground infrastructure engineering and technology.

Projects Discussions:

Rob Crow of Underground Solutions reported the projects:

- 17,000 feet of sliplining a 24" in a 30" RCP.
- 2,600 feet of sliplining a 16" in a 20" riveted steel pipe for San Jose Water along Los Gatos Blvd.

Paul Winnicki of WCWD reported pipeline project involving 3,000 feet of coated DIP in shallow cover zone (2 feet). An upsize is required from 24" to 42". DIP was selected for strength.

Next Meeting: The next general meeting will be held **Tuesday, September 15, 2009 at the offices of Brown & Caldwell located at 201 N. Civic Dr., Suite 300, Walnut Creek, CA.** The topic will be on **Water Main Renovation with Carbon Fiber Reinforced Polymer (CFRP)** by **Richard Barge** the National Sales Manager of PipeMedic, a division of QuakeWrap, Inc. Please call Roberts McMullin at 510-874-3102 or email rob_mcmullin@urscorp.com to RSVP or ask for additional information on this month's meeting minutes.