



MEETING MINUTES
September 16, 2008

Attendees:

Brian Chan	Foster City	
Cara Ingebrigtsen	Brown & Caldwell	cingebrigtsen@brwncald.com
Cindy Preuss	Harris & Associates	cpreuss@harris-assoc.com
Derek Wurst	V&A Consulting Engineers	dwurst@vaengineering.com
Don Wible	Pacific Liners	donw@pacificliners.com
Fuad Sweiss	ADC	fuad.sweiss@gmail.com
Jennifer Glynn	RMC	jglynn@rmcwater.com
Jennifer Swinney	Sacramento Water District	swinneyj@sacsewer.com
Joe Barajas	City of Pittsburg	jbarajas@ci.pittsburg.ca.us
John Hattle	Insituform	jhattle@insituform.com
Jonathan Lee	WVSD	jlee@westvalleysan.org
Jorge Esparza	City of Pittsburg	jesparza@ci.pittsburg.ca.us
Lani Good	Brown & Caldwell	lgood@brwncald.com
Leah Edwards	Foster City	ledwards@fostercity.org
Mike Garcia	Hobas Pipe USA	michaelgarc@gmail.com
Mike Oriol	V&A Consulting Engineers	moriol@vaengineering.com
Nathan Hodges	CCCSD	nhodges@centralsan.dst.ca.us
Patrick Schroeder	Sacramento Sewer District	schroederp@sacsewer.com
Rita Cheng	CCCSD	rcheng@centralsan.dst.ca.us
Roberts McMullin	URS Corporation	rob_mcmullin@urscorp.com
Rudy Portugal	DSRSD	rportugal@dsrsd.com
Sarah Berndt	Corllo Engineers	sberndt@carollo.com
Sasha Mestetsky	CCCSD	smestets@centralsan.dst.ca.us
Stan Shogren	Kennedy Jenks	stanshogren@kennedyjenks.com
Walter Pease	City of Pittsburg	wpease@ci.pittsburg.ca.us

Presentation: *Sanitary Sewer Structures and Manhole Rehabilitation* by Derek Wurst and Mike Oriol, from V&A Consulting Engineers.

Derek and Mike provided an informative and comprehensive presentation on:

1. Methods and techniques for assessing the condition of sanitary sewer structures and manholes.
2. Optimal rehabilitation of sanitary sewer structures and manholes.
3. Challenges regarding the environmental and physical conditions of sanitary sewer structures.

Highlights of the presentation include:

- V&A specializes in evaluating, rehabilitating, and preserving municipal infrastructure.
- V&A provides condition assessment of steel and concrete structures, recommendations, and design services for the rehabilitation or replacement of these structures.
- Services also include: corrosion engineering, coating system management, and condition assessment services.

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

- V&A is able to inform contractors of rehabilitation application constraints to save money and bridge the communication gap.
- Investigation work involves the review of cracks, spalls, dirt, oils, grease, tensile strength, moisture, concrete cover over the reinforcing steel, and conditions of exposed reinforcing steel.
- Rehabilitation methods include the use of Cured-in-Place Liners (CIPP); Cementitious Coatings/Grouts; Mechanical Seals, Inserts, and Liners; and Polymer Modified Coatings – Spray Application.

Handouts included:

- V&A Consulting Engineering VANDA Concrete Corrosion Index Ruler.

Thank you Derek and Mike for an outstanding presentation!

General:

August 19, 2008 Meeting Minutes: A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

Financial Statement Report: PUG continues working with accountants to finalize the financial statement report process. Upon completion, reports will be submitted to the IRS, attorney generals office, and the franchise tax board for their review.

By-Laws Update: Current changes to non-profit organizations required the existing PUG By-Laws to be revised. PUG met with consultants to review the existing PUG By-Laws. A formal draft of the revised By-Laws is anticipated to be received by the end of next week. PUG board members to review upon receipt.

Website Update: PUG board members completed and executed a contract with a website development consultant to ameliorate the current Northern California PUG website. PUG anticipates 2 months for the completion of the new website.

Announcements: Please submit your 2008/2009 membership renewals. Remember that membership has numerous benefits, such as discounts on the upcoming CIPP course, participation in random raffles held at random monthly meetings, discounts on attending the annual seminar, etc. Get your renewals and/or new member applications in today.

The Trenchless Road Show produced by Trenchless Technology Magazine will be held **September 17-18, 2008** in San Francisco, California at the Hilton Concord Hotel. The show will connect municipalities, engineers, utility contractors, and suppliers with the products, tools, and services for the trenchless installation and rehabilitation of sewer collection systems and water distributions pipelines.

Abstracts are due by 5:00 PM on **September 12, 2008** for the PUG Sharing Technologies 17th Annual Seminar 2009. The seminar is scheduled for **February 19, 2009**, in Berkeley, California.

The 4th Annual Western Regional Mini No-Dig Conference and Exhibition will be held **October 13-14, 2008** in Sacramento, California. Special rate registration is due by **September 12, 2008**. A few PUG members will have the opportunity to attend the conference for no charge. More information will be sent via email regarding this event.

The North American Society for Trenchless Technology Cured-in-place Pipe (CIPP) Good Practices Course will be held **October 28, 2008** in Martinez, California at the Central San office. Current 2008 members of NASTT and/or PUG will receive a \$100 membership discount on their registration fee: \$295/member and \$395/non-members.

SCC puts out The Boring Bulletin covering boring, drilling, and vacuum excavation applications. Free lunch & learn classes are offered monthly at the SSC headquarters from 11:30AM to 1:00PM, see www.sscboring.com/education for more information. The classes include:

- Large Diameter Auger Boring Projects – **November 6, 2008**
- Potholing Roads and Government Agencies – **December 4, 2008**
- Small Boring Unit Technology – **January 8, 2009**
- Trenchless Excavation Design – **February 5, 2009**
- Vacuum Technology – **March 5, 2009**

The Damage Prevention Conference and Expo will be held **December 9-10, 2008** in Las Vegas, Nevada at the Riviera Hotel and Casino. All registrations must be received by **November 21, 2008**. The conference will focus on managing risk, controlling liability related to costs, and preventing damage at the jobsite.

WEF Specialty Conferences 2009 include the following:

- Disinfection 2009 Conference in Atlanta, Georgia – **February 28 – March 3, 2009**
- AWWA/WEF Information Management & Technology Conference and Expo in Charlotte, North Carolina – **March 1 – 4, 2009**
- Collection Systems 2009 Conference in Louisville, Kentucky – **April 19 – 22, 2009**
- CWEA Conference in Palm Springs, California – **April 28 – May 1, 2009**
- WEFTEC Exhibition & Conference in Orlando, Florida – **October 10 – 14, 2009**

Please contact Roberts McMullin for further information on any of these above announcements.

Project Discussions: Jonathan Lee of West Valley Sanitation District informed the group of a 3,000 LF asbestos concrete pipe (ACP) bursting project. If more than 100 LF of ACP is being improved, than certified abatement paperwork must be completed and submitted to the proper authorities.

Jonathan Lee spoke of another project involving pipeline rehabilitation of 13,000 LF within in a residential area. The project will include a 6" to 8" and 8" to 10" pipe bursting. The original estimate is for \$1.8 million.

Cindy Preuss of Harris & Associates discussed a pipeline project that has involved many permits regarding tree removal. An arborist report determined that a 20' to 30' distance was required from the centerline of the pipeline and no trees could be removed. As a result, the pipeline alignment had to be revised to save the trees.

Next Meeting:

There is no general meeting for the month of October. However, the 8-hour Cured-in-place Pipe (CIPP) Good Practices Course will be held on **October 28, 2008** in Martinez, California at the Central San office. Current 2008 members of NASTT and/or PUG will receive a \$100 membership discount on their registration fee: \$295/member and \$395/non-members. We hope to see you there.

Our next general meeting will be held **TUESDAY, NOVEMBER 18, 2008** at the offices of **Brown & Caldwell** located at **201 N. Civic Dr., Suite 300, Walnut Creek, CA**. The topic will be on the **Capabilities of eBidboard** given by Jeremy Raglin of eBidboard. Please call 510-874-3102 or email rob_mcmullin@urscorp.com to RSVP.