



MEETING MINUTES
June 16, 2009

Attendees:

Alex Park	Brown & Caldwell	apark@brwncald.com
Allen Smith	Foster City	asmith@fostercity.org
Bill Brick	CDM	brickwd@cdm.com
Bob Allen	CDM	allenrob@cdm.com
Cara Ingebrigtsen	Brown & Caldwell	cingebrigtsen@brwncald.com
Christen Olinger	CCCSD	colinger@centralsan.org
Erik Zalkin	Brown & Caldwell	ezalkin@brwncald.com
Jimmy Dang	Kennedy Jenks	jimmydang@kennedyjenks.com
Ken Cook	WCWD	kcook@wcwd.org
Lani Good	Brown & Caldwell	lgood@brwncald.com
Liz Hirschhorn	Whitely Burchett & Assoc.	lhirschhorn@whitleyburchett.com
Mike Mattias	Foster City	mmattias@fostercity.org
Mike Zapata	Foster City	mzapata@fostercity.org
Paul Winnicki	WCWD	pwinnicki@wcwd.org
Richard Foss	CCCSD	rfoss@centralsan.org
Rob Craw	Underground Solutions	rcraw@undergroundsolutions.com
Roberts McMullin	URS Corporation	rob_mcmullin@urscorp.com
Rocky Capehart	Sprayroq / RePipe	rcapehart01@comcast.net
Sandie De Medeiros	CDM	demedeirosl@cdm.com
Sasha Mestetsky	CCCSD	smestets@centralsan.org
Stan Shogren	Kennedy Jenks	stanshogren@kennedyjenks.com

Presentation: *Coating and Lining Solutions* by Rocky Capehart of Sprayroq, Inc. and Inland Pipe Rehabilitation/RePipe.

Rocky gave an excellent presentation covering coating and lining solutions for:

1. Wastewater and Potable Water
2. Gas and Industrial
3. Infiltration and Inflow Control
4. Corrosion Protection
5. Structural Coating

Highlights from the presentation include:

1. Corrosion increases due to:
 - Reduction of inflow and infiltration
 - Regulatory changes in pre-treatment
 - Expansion of collection systems

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

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2. Correct product selection, installation, and inspection can help prevent disbanding, corrosion, pinholes, and roots.
3. Three common types of liners include: polymer, cementitious, and thermoplastic sheet systems.
4. Surface preparation is a very important procedure prior to coating and liner application.
5. QA/QC during construction will ensure longer lifetime of coatings and liners.
6. Remember the seven P's:
 - Performance specifications
 - Proven Products for surface characteristics
 - Proper Preparation of surface and coating
 - Perfect Performance for a longer lifetime

Handouts included:

1. Trenchless Technology article on Sprarog
2. Sprayroq information sheet
3. SprayWall information sheet
4. SprayShield information sheet

Thank you Rocky for an informative presentation!

General:

May 19, 2009 Meeting Minutes: A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

PUG Bylaws: The Board received a total of 19 ballots regarding the implementation of the New PUG Bylaws. All 19 of the returned ballots approved the new Bylaws.

Website Update: The new website is operational and some remaining bugs are being corrected. As a result, not all of the content is included on this site. PUG is hoping to have all of the issues corrected in July. The new website will have a links page that will provide links to vendors, publications, new technologies, and more. In addition, the PUG Board is reviewing ways to pay electronically for memberships, seminars, and training courses using credit card information on the website.

PUG Board Elections: With the new Bylaws being accepted, the next election will occur in June 2010 for all PUG Board positions.

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.

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:

- Benefits of Subsurface Utility Engineering – ***July 9, 2009***
- Alternative Trenchless Delivery Methods Part 1 – ***August 6, 2009***
- Alternative Trenchless Delivery Methods Part 2 – ***September 3, 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:

- GIS/Utility Mapping by GeoSpatial – **August 1, 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**

Project Discussions:

Rob Crow of underground solutions discussed local projects using fusible PVC. The projects included:

- 7,000 feet of 14" fusible PVC to slipline an existing cast iron pipe for Delta Diablo Sanitation in Antioch.
- 2,600 feet of 16" fusible C-905 to slipline an existing riveted steel pipe for San Jose Water in Los Gatos.

Next Meeting: The next general meeting will be held **Tuesday, July 21, 2009** at the offices of [Brown & Caldwell](#) located at [201 N. Civic Dr., Suite 300, Walnut Creek, CA](#). The topic will be on **Asbestos Concrete Pipe (ACP) Removal** by **Brent Rudin** of the **Bay Area Air Quality Management District**. 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.