



MEETING MINUTES

August 16, 2011

Attendees:

Allen Law	City of Oakland	alaw@oaklandnet.com
Bill Chavez	Sacramento Regional	chavezb@sacsewer.com
Bonneau Dickson	Consulting Sanitary Engineer	dickson.bonneau@gmail.com
Brett Grant	City of Sacramento	bgrant@cityofsacramento.org
Cindy Preuss	Harris & Associates	cpreuss@harris-assoc.com
Colin Dudley	Brown & Caldwell	cdudley@brwnald.com
Collins Orton	TT Technologies	corton@ttechnologies.com
Dale Mathison	City of Sacramento	dmathison@cityofsacramento.org
David Wong	Nolte	david.wong@nolte.com
Deanna Tanner	Brown & Caldwell	dtanner@brwnald.com
Dolly Chen	HDR	dolly.chen@hdrinc.com
Gunawan Santoso	City of Oakland	gsantoso@oaklandnet.org
Larry Kiest	LMK Enterprises	lmkliner@aol.com
Jared Murchy	Hatch Mott MacDonald	jared.murchy@hatchmott.com
Jimmy Dang	Oro Loma San	jdang@oroloma.org
Jonathan Lee	WVSD	jlee@westvalleysan.org
Liz Hirschhorn	Whitley Burchett	lhirschhorn@whitleyburchett.com
Roberts McMullin	EBMUD	rmcmulli@ebmud.com
Rosemary Smud	ADIP / ASP	rsmud@american-usa.com
Run Chen	Castro Valley San	run@cvsan.org
Sandie Dudley	CDM	dudleysl@cdm.com
Sasha Mestetsky	CCCSD	smestets@centralsan.dst.ca.us
Stu Williams	City of Sacramento	swilliams@cityofsacramento.org
Susan Wang	City of Oakland	swang@oaklandnet.com
Thuy Nguyen	City of San Jose	thuy.nguyen@sanjoseca.gov
Tope Hall	Whitley Burchett	dolanian@whitleyburchett.com
Walter Pease	Pittsburg	wpease@ci.pittsburg.ca.us

Presentation: Sealing a collection system using methods and materials in accordance with engineering practices by Larry Kiest of LMK Enterprises.

Highlights from the presentation include:

1. LMK provides rehabilitation solutions for laterals, mainlines, manholes, cleanouts.
2. Lateral rehabilitation solutions include:
 - a. T-Liner: is a one-piece homogenous main and lateral CIPP connection liner.
 - b. Shorty: is a one-piece, structural, stand-alone homogeneous Main/Lateral CIPP connection liner that extends 3 feet up into the lateral pipe.
 - c. Stubby: is a structural full-circle main liner tube having proper wall thickness for each pipe diameter that extends up to 6 inches at a tee.
3. Mainline rehabilitation solutions include:
 - a. Inversion: is a section fully structural lining process that renews pipes from 6 to 42 inches in diameter in continuous lengths up to 50 feet.

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Secretary, Nor Cal PUG

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- b. Lined Main Tap: is an engineered saddle designed to connect a lateral pipe to a mainline liner. The saddle is sized to surround beyond the spring line of the pipe
4. Manhole rehabilitation solutions include:
 - a. Chimney: is an engineered product that produces a structural cured-in-place seal that resists freeze thaw conditions. It is known as CIPMH.
 - b. Full Depth: provides the same structural cured-in-place seal as the Chimney but extend down the full depth of the manhole chamber.
 - c. End Seal: is a fully structural seal that covers the CIPP mainline and manhole base to fully seal the mainline to the manhole.
5. Cleanout rehabilitation solutions include:
 - a. Vac-a-tee: is a trenchless cleanout system that can be installed on the mainline using vacuum excavation.
 - b. Lined Main Tap: is an engineered saddle designed to connect a lateral pipe to a mainline liner. The lining materials include polyethylene pipe.
6. For more information on the presentation, visit our website at www.norcalpug.com.

Handouts: No handouts were provided.

Thank you for an outstanding presentation Larry.

General:

July 19, 2011 Meeting Minutes: A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

Announcements:

2011/2012 Membership: Please submit your 2011/2012 membership renewals. The new forms are located on the PUG website: www.norcalpug.com. 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.

Membership: PUG noted that there are currently 38 members for this year.

Financial: PUG noted that approximately \$39,800 is in the PUG bank account.

PUG Committees: PUG is forming academic and social committees to help with outreach. Sandie discussed the PUG academic committee. The academic committee will start later this month once school begins at the universities.

Annual Seminar 2012: Abstracts are due September 13, 2011. Submit yours today.

Excavation Safety University: Utility Locating Webinar Series on Friday, August 19, 2011. This is a 3-part webinar series held in only 1 day. Registration is \$375 for the webinar. Contact Liz Mitchell at liz@emailir.com for more information.

Utility Contractor: Vermeer is presenting a webinar on Micotrenching – The new fiber installation process. The webinar is on August 24, 2011. Contact Kelly Dadich at kdadich@benjaminmedia.com for more information on the webinar.

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. Upcoming webinars include:

- A Non-Invasive Solution for Non-Revenue Water and Asbestos Pipe Condition Assessment – July 28, 2011

Contech: Contech is hosting the 3rd annual Steel Day on September 23, 2011 between 10:00 am – 2:00 pm. Visit www.contech-cpi.com/steelday to register to attend at a location near you.

Colorado School of Mines: Colorado School of Mines is offering a tunneling short course called Breakthroughs in Tunneling 2011. The course directors are Dr. Levent Ozdemir, P.E. and Timothy Coss. The course is offered September 19 – 21, 2011. For more information on registration, visit www.tunneling.com.

AquaPipe: Illinois Section of AWWA is presenting a webinar on Trenchless Water Main Rehabilitation – A Sustainable Alternative to Open Cut Replacement. The webinar is scheduled for August 17, 2011, from 1:30 to 2:30 pm. Contact Sean O'Dell at sodell@baxterwoodman.com for more information on registration.

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 for more information. **WEFTEC 2011** is scheduled for October 15 through 19 in Los Angeles, California. WEF is seeking abstracts for the 2012 collection systems conference. WEF is offering up to 50% off on books; refer to the website to take advantage of these great offers.

WESTT No-Dig Conference: The 7th annual Western Regional No-Dig Conference and Exhibition will be held in San Jose, California over October 3 and 4, 2011 at the Wyndham Hotel. For more information visit www.nastt.org/westt for more information.

Projects Discussions:

Jonathan Lee of WVSD discussed an asbestos cement pipe (ACP) rehabilitation project that will install a spiral wound liner within 2,500 feet of existing pipe. The project will be out to bid in November 2011.

Jonathan Lee discussed an additional project to rehabilitate over 20,000 feet of existing pipe using CIPP and pipe bursting. The project will involve a highway crossing. Jonathan hopes to have the project out to bid in late September.

Collins Orton discussed a slip-lining project that involves the rehabilitation of 2,000 feet of an existing 20-inch water main using Fusible-PVC.

Water Pease of the City of Pittsburg discussed two projects that involve new construction for larger pipe sizes. Both projects have associated traffic issues.

Bonneau Dickson asked the group if anyone had experience installing a top vertical wye on a force main. Two attendees noted that the installation is unconventional.

Next Meeting:

The next general meeting is scheduled for Tuesday, October 18, 2011. The presentation topic will be determined and emailed soon. Please call Roberts McMullin at 510-287-1296 or email rmcmulli@ebmud.com for additional information on this month's meeting minutes.