



MEETING MINUTES
December 14, 2010

Attendees:

Andy Yang	West Yost Associates	ayang@westyost.com
Bethany McDonald	Pure Technologies	bethany.mcdonald@ppic.com
Bob Wilson	City of Santa Clara	rwilson@santaclara.gov
Brian Avon	Carollo	bavon@carollo.com
Brian Chan	City of Foster City	bchan@fostercity.org
Colin Dudley	Brown & Caldwell	cdudley@brwncald.com
Deanna Tanner	Brown & Caldwell	dtanner@brwncald.com
Eric Evans	RMC Water	eevans@rmcwater.com
Jimmy Dang	Kennedy Jenks	jimmydang@kennedyjenks.com
Katherine Hayden	Brown & Caldwell	khayden@brwncald.com
Laura Galli	City of Foster City	lgalli@fostercity.org
Nancy Ku	PSOMAS	nancy.ku@psomas.com
Norm Dorais	City of Foster City	ndorais@fostercity.org
Rashmi Ramachandra	City of Santa Clara	rramachandra@santaclaraca.gov
Rob Crow	Underground Solutions	rcrow@undergroundsolutions.com
Roberts McMullin	EBMUD	rmcmulli@ebmud.com
Sandie Dudley	CDM	dudleysl@cdm.com
Sasha Mestetsky	CCCSD	smestets@centralsan.org
Tope Hall	Whitley Burchett	thall@whitleyburchett.com
Tracie Sakaihara	Hatch Mott McDonald	tracie.sakaihara@hatchmott.com

Presentation: Condition Assessment Technologies for In-Service Transmission Mains by Bethany McDonald of Pure Technologies.

The presentation covered:

1. Introduction to Pure Technologies
2. Free-Swimming Inspection Technologies
3. Tethered Platform Inspection Technologies
4. Post Inspection Engineering Evaluation
5. Questions

Highlights from the presentation include:

1. Pure provides equipment that can help identify leaks within large diameter pipelines.
2. Pure has over 12 years experience and specializes in diameters over 12 inches.
3. Smart Ball is a free flowing internal leak detection device that can identify leaks along transmission mains from point A to point B.
4. Sahara is a tethered internal leak detection device that that can identify leaks along a transmission main for up to 6,000 feet.

5. Pure also provide PCCP Condition Assessment by using the P-Wave and RFTC systems to identify wire breaks in the pipe following pipe shutdown and dewatering. These systems can only be performed internally after shutdown.
6. PipeDiver is another way to identify wire breaks without having to dewater the pipeline. PipeDiver is inserted into the pipeline and can free flow through the pipe to collect electromagnetic data.
7. Pure is currently looking at options to assess the condition of metallic transmission mains using the Smart Ball and Sahara. The devices can determine pipe stiffness along an examined length by listening to acoustic pulses. More information to come after additional testing.

Handouts: No handouts were provided.

Thank you Bethany for the outstanding presentation!

Raffle: During today's meeting, PUG gave away a raffle prize to Bob Wilson of the City of Santa Clara.

General:

November 16, 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 2010/2011 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.

Membership: PUG currently has 49 members.

Financial Status: PUG currently has over \$42,000 in the bank.

2010 Bid Results: PUG has compiled a list of bid results for over 65 projects from Martinez, Orinda, Diablo, Roseville, Santa Clara, San Jose, Castro Valley, Oakland, Lafayette, San Leandro, Campo Seco, Berkeley, San Pablo, Walnut Creek, Oakland, Burson, Lone, Napa, Tracy, South Lake Tahoe, El Dorado County, Fremont, Union City, Newark, and Vallejo. An email will be sent soon to all PUG members with this great information. Thank you to all that provided bid data.

2011 Holiday Dinner: PUG will be hosting a Holiday Dinner for a Friday in January, 2011. More information will be provided soon in an email to PUG distribution list. We hope you can make it!

PUG Annual Seminar: PUG will be hosting the 19th 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. A flyer will be sent to the PUG email distribution list soon providing registration information.

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.

Trenchless Technologies Webinars: The Trenchless Technologies website hosts on-line and provides archived webinars related to the trenchless industry. For more information, visit the TT website at: <http://www.trenchlessonline.com/index/webinars>.

Minutes by: Roberts McMullin, East Bay Municipal Utility District
Secretary, Nor Cal PUG

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

- 8th Annual Everything About Water Expo 2011 – **January 6 – 8, 2011**
- The Impaired Waters Symposium – **January 9 – 12, 2011**
- 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 for more information.

NASTT No-Dig Show: The 2011 NASTT 20th 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...

CTAM: Certification of Training in Asset Management (CTAM) is offering courses. CTAM registration fees are \$345. Visit www.uimonline.com/index/ctam for more information.

Projects Discussions:

Rob Crow of Underground Solutions discussed the 2010 Trenchless Technology Project of the Year for New Installation, which was a record setting HDD crossing of 24 inch diameter fusible PVC. The project involved over 5,000 feet of pipe in Perth Amboy and Sayreville, New Jersey. The new pipeline will provide drinking water to customers of the Middlesex Water Co. Rob Crow provided handouts to attendees.

Laura Galli and Bob Wilson discussed a 2 year long sidewalk improvement project for the City of Santa Clara. The budget for the project is estimated at \$140,000. The project will help to restore sidewalks within the City that are in need of repair from tree roots or curb damage.

Next Meeting: The next general meeting is scheduled for Tuesday, January 18, 2011. The presentation topic is on Valve Joints and Fittings by Eric Benson of Clow Valve. Please call Roberts McMullin at 510-287-1296 or email rmcmulli@ebmud.com for additional information on this month's meeting minutes.