MEETING MINUTES
May 15, 2012

Attendees:

Andy Hawksworth	Carollo	ahawksworth@carollo.com
Brian Avon	Carollo	bavon@carollo.com
Bill Chavez	SRCSD	chavezb@sacsewer.com
Deanna Tanner	Brown & Caldwell	dtanner@brwncald.com
Diana Lee	EBMUD	dianalee@ebmud.com
Dru Nielson	Jacobs Associates	nielson@jacobssf.com
Erik Zalkin	Brown & Caldwell	ezalkin@brwncald.com
Jack Huntamer	EBMUD	jhuntame@ebmud.com
Jared Murphy	Hatch Mott MacDonald	jared.murphy@hatchmott.com
John Aquino	San Jose	john.aquino@sanjoseca.gov
Kevin O'Toole	Whitley Burchett	kotoole@whitleyburchett.com
Kevin Smith	RMC Water	ksmith@rmcwater.com
Kyle Carbert	Harris and Associates	kcarbert@harris-assoc.com
Mark Wenslawski	CCCSD	
Marshall McLeod	EBMUD	mmcleod@ebmud.com
Michelle Trinh	HydroScience Engineers	mtrinh@hydroscience.com
Mike Jaeger	Covello Group	mjaeger@covellogroup.com
Raffi Moughamiam	EBMUD	rmougham@ebmud.com
Roberts McMullin	EBMUD	rmcmulli@ebmud.com
Ryan Wade	ADS-Pipe	ryan.wade@ads-pipe.com
Sasha Mestetsky	CCCSD	smestets@centralsan.dst.ca.us
Thuy Nguyen	San Jose	thuy.nguyen@sanjoseca.gov
Titus Raceles	San Jose	titus.raceles@sanjoseca.gov
Tom Godsey	CCCSD	tgodsey@centralsan.org
Troy Jurach	SRCSD	juracht@sacsewer.com
Victor Alaniz	NV5	victor.alaniz@nv5.com

Presentation: Acoustic Methods for Determining Remaining Pipe Wall Thickness and Water Loss Case by Carl Sharkey and Jim Fischer of Echologics.

Highlights from the presentation include:

1. Echologics formed in 2003 with a joint venture between Aercoustics and NRC. In 2010, Echologics was acquired by Mueller Water Products.
2. Echologics focuses on distribution system leak detection equipment and service, pipe wall integrity, condition assessment services, and transmission main leak detection services.
3. Acoustic listeners and correlators are used to identify leak detection and track water loss. Leaks are heard as a “noise” and the point of interest locations are approximated for further review.
4. Pipe wall thickness estimations require pressure mains, no air in the pipe, accurate pipe information such as as-builts, and access points every 300-500 feet.
5. Case study review looked at 25 years of leakage data during various stages of a large Midwest utility that serves 1.1 million people using 3,500 miles of water mains.

6. Using GIS and database queries, the utility developed relationships to identify priority pipelines in specific spatial regions for replacement programs. Leak clustering was the approach used to prioritize the pipeline replacement plan.
7. For more information on the presentation, visit our website at www.norcalpug.com.

Handouts: No handouts.

Thank you for a wonderful presentation Carl and Jim. We appreciate your help with PUG.

General:

April 17, 2012 Meeting Minutes: A motion was made to approve the minutes, which was seconded and minutes are approved with no corrections.

Announcements:

2012/2013 Membership: The 2012/2013 membership renewal forms are now available and are located on the PUG website: www.norcalpug.com. Memberships cost is $350 per entity. 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.

Financial Updates: PUG currently has a balance of $36,131.51 in the membership bank account.

PUG Survey: PUG conducted the 2012 PUG Survey to collect information from the membership. This year's questions focused on future training events, the 2012 PUG Seminar, LinkedIn, PayPal, and future monthly meeting. The results will be posted on the PUG website. Thank you all who submitted a survey form.

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.

ASCE Pipelines 2012: ASCE is hosting the Pipelines 2012 Conference in Miami Beach, Florida during August 19 through 22, 2012. Registration is now open. Two of PUG's Board Members will be in attendance. For more information, visit www.piplinesconference.org.

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.

WEF 2012 Collection Systems: Show Me the Green Conference and Exhibition will be held in St. Louis, Missouri over June 3 through 6, 2012.

CWEA: CWEA will be hosting a three-day conference in Sacramento in August 2012. For more information visit: www.cwea.org/conferences/2012/.../CWEAAC12ConfBrochure.pdf.

LinkedIn: LinkedIn has active discussions related to the pipeline industry. Check out Trenchless Technologies on LinkedIn.

Hamilton-Kent: Join Randy Reimer, director of sales at HK, for a discussion on the impact of the North American Infrastructure deficit on water and wastewater systems, and what it means for industry stakeholders. Visit here for the free webinar: http://www.hamiltonkent.com/Content/InfrastructureMarkets/InfrastructureMarket/default.aspx?DataTypeId=9&DataId=4.

Excavation Safety University: The Excavation Safety University is offering webinars in December. For more information visit: www.excavationsafetyuniversity.com. Subjects include utility locating and as-builting standards.

NASTT 2013 No-Dig Show: The 2013 NASTT No-Dig Show is scheduled for March 3 through 7, 2013, at the Sacramento Convention Center in Sacramento, California. Call for abstracts now open until the deadline of June 30, 2012. Visit here for more information: http://www.nastt.org/node/8243.

WESTT 2013 Mini-No-Dig Show: The 2013 WESTT Mini-No-Dig Show is coming up in September or October of 2013. For more information visit: http://www.westt.org/events.html.

Board Elections: Board Elections will be held in June 2012. Nominations will be accepted in May 2012. A future email will be sent out providing information on the entire election process. All positions are open for the election. If you are interested, please talk to someone on the Board.

Projects Discussions:

Sasha Mestetsky of CCCSD discussed a sanitary sewer sliplining project that involves spiral wound liners and CIPP for 12,000 feet of an existing 36-inch RCP. The project is estimated at $2.6 million and bid opening is scheduled for June 1, 2012.

Jack Huntamer of EBMUD discussed size on size wet taps for an upcoming project rated at 150 psi. In addition, Mr. Huntamer asked the membership if anyone had any experience with CIPP for potable water lines capable of handling up to 250 psi. Unfortunately, the membership did not.

They Nguyen of the City of San Jose asked the audience if anyone had experience using UV cure CIPP liners. Sasha Mestetsky replied that Cindy Preuss of HydroScience Engineers has experience using UV cure liners and that PUG had a previous presenter that discussed UV liners. See July 2010 meeting for Saertex Glass Fiber UV Cure Liner.

Kyle Carbert of Harris and Associates discussed a sanitary sewer pipe-bursting and open cut project for approximately 780 feet of 6 to 8-inch diameter pipe. Bid opening showed an average price per linear foot of pipe bursting at $134 (low $82) and an average price per linear foot of open cut was $182 (low $124), based upon 5 bidders.

Next Meeting:
The next general meeting is scheduled for Tuesday, July 17, 2012. The presentation topic is on Pump Station Design by Glen Anderson of Schaff and Wheeler. More information to follow in an upcoming PUG email. Please call Roberts McMullin at 510-287-1296 or email rmcmulli@ebmud.com for additional information on this month's meeting minutes.