



MEETING MINUTES
April 8, 2014

Attendees:

Agustin Lopez	SASD	lopeza@sacsewer.com
Anne Prudhel	Carollo	APrudhel@carollo.com
Bill Chavez	SRCSD	chavezb@Sacsewer.com
Cindy Preuss	HydroScience Engineers	cpreuss@hydroscience.com
Clinton McAdams	V&A	cmcadams@vaengineering.com
Dale Mathison	City of Sacramento	dmathison@cityofsacramento.org
David Ng	City of Oakland	dng@oaklandnet.com
Delain Murphy	T&T Valve and Instrument, Inc.	dmurphy@tt-valve.com
Don Wible	Nor-Cal Pipeline	don@norcalpipe.com
Eniko Gaeto	ADS Pipe	eniko.gaeto@ads-pipe.com
Huy Nguyen	City of San Carlos	hnguyen@cityofsancarlos.org
Jennifer Cioffi	City of Palo Alto	jennifer.cioffi@cityofpaloalto.org
Jennifer Glynn	RMC	jglynn@rmcwater.com
Jill Chamberlain	Brown & Caldwell	jschamberlain@brwnald.com
Jill Sylvester	NV5	jill.sylvester@nv5.com
Jimmy Dang	Oro Loma Sanitary District	jdang@oroloma.org
Jimmy Mach	City of Oakland	jmach@oaklandnet.com
Johnny Liu	City of Oakland	JLiu@oaklandnet.com
Kevin Kai	Brown & Caldwell	kkai@brwnald.com
Mark Wenslawski	CCCSD	mwenslawski@centralsan.org
Melissa Marshall	City of Sacramento	mmarshall@cityofsacramento.org
Michael Penny	CCCSD	mpenny@centralsan.org
Noy Phannavong	V&A	nphannavong@vaengineering.com
Patrick Johnston	Kennedy/Jenks	patrickjohnston@kennedyjenks.com
Rob McMullin	EBMUD	rmcmulli@ebmud.com
Robert Allen	CDMSmith	allenrob@cdmsmith.com
Rolf Ohlemutz	Vallejo Sanitation & Flood Control	Rohlemutz@vsfcd.com
Rudy Portugal	DSRSD	rportugal@dsrsd.com
Ryan Wade	ADS Pipe	ryan.wade@ads-pipe.com
Sasha Mestetsky	CCCSD	SMESTETS@centralsan.org
Scott Hansen	Electro Scan Inc.	scott@electroscan.com
Steve Nilforoushan	Rinker Materials and Pipe	neama-nilforoushan@cemex.com
Stu Williams	City of Sacramento	swilliams@cityofsacramento.org
Thomas Vedder	P&F Distributors	tom@pfdistributors.com
Vern Phillips	Harris & Associates	vphillips@harris-assoc.com

Minutes by: Jimmy Dang, Oro Loma Sanitary District
 Secretary, Nor Cal PUG

Page 1 of 4

The information disseminated on behalf of industry individuals/organizations via PUG is not necessarily the opinion of PUG, nor has PUG verified comprehensiveness or validity of the information.

Presentation: Electro Scan, Inc. Condition Assessment by Scott Hansen of Electro Scan, Inc and a WESTT No-Dig Conference Update by Cindy Preuss of HydroScience.

Highlights from the presentations include:

Ms. Preuss presented on the WESTT No-Dig Conference. The presentation included a paper of the following:

1. "City of Sacramento DOU Presentation on Sliplining" originally given by Stu Williams, City of Sacramento.

Mr. Scott Hansen presented Electro Scan, Inc. Condition Assessment which included the following:

1. Introduction & Technology
 - a. ElectroScan is a device that gathers data in the pipeline.
 - b. To be coupled with a CCTV video to determine infiltration issues where CCTV may not pick up.
 - c. When there is a gap in the pipe, there is current bleed. This translates on a graph as a spike.
2. Case Studies
 - a. WERF Milwaukee Metro: Sewer Lateral Assessment Project
 - b. City of San Francisco: Sewer Main Critical Ranking
 - c. Salt Lake City, Utah: 66" HDPE – Spiral Wound Rehab Assessment
3. Summary
 - a. Pre-Rehabilitation
 - i. Don't rely solely on CCTV to prioritize critical sewers.
 - ii. Electro Scan all pre-CIPP lines to determine a base line for pipe leakage rate.
 - b. Post-Rehabilitation
 - i. Electro Scan all post-CIPP lining jobs to determine residual leakage rate.
 - ii. Review all Electro Scan anomalies for major defects and over-cooked patches.

Handouts: None.

Thank you Scott and Cindy for the outstanding presentation! We appreciate your help with PUG.

General:

March 18, 2014 Meeting Minutes: A motion was made to approve the minutes, which was seconded.

Announcements:

2013/2014 Membership: The 2013/2014 membership renewal forms are available and 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. Payment options include Paypal or check.

Financial Updates: The current total in the organization account is \$42,774.25.

Minutes by: Jimmy Dang, Oro Loma Sanitary District
Secretary, Nor Cal PUG

Page 2 of 4

PUG Board Elections in June: Forms for nominations will be distributed in May. Ballots will be in June. Each Board member serves a 2 year term from July 1st to June 30th.

APWA In the Works: Weekly updates can be found at www.apwa.net.

ASCE Pipelines 2014 Conference: Conference will be held in Portland, Oregon on August 3-6, 2014. Registration is now open. <http://content.asce.org/conferences/pipelines2014/>.

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

NASTT 2014 No-Dig Conference: 2014 No-Dig show Conference to be held on April 13-17, 2014, in Orlando, FL, located at Gaylord Palms.

NASTT's WESTT Chapter Western Regional No-Dig Show: Conference will be held on October 6-7, 2014 in Albuquerque, New Mexico. For more information please go to <http://www.nastt.org/node/9729>.

NASTT Webinars: NASTT hosts complimentary webinar series to bring you professional instruction from leading experts in the field of trenchless technology. They can be found at www.nastt.org/webinars

1. None.

TT Magazine: 2013 Pipe relining Guide: is available at <http://www.trenchlessonline.com/>.

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.

1. None.

Underground Construction Magazine: is available at www.ucononline.com.

Water Environment Federation:

1. 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 2014: Registration opens on March 31, 2014. Conference will be held on September 27 – October 1, 2014 at the New Orleans Morial Convention Center in New Orleans, LA.

Raffles: No raffle was held at this meeting. Remember, raffles can happen at any meeting but you have to be in attendance to win a prize.

Project Discussions:

Sasha Mestetsky of CCCSD spoke about a project that just received construction bids. The project involves approximately 8,000 LF of half open cut installation of PVC pipe and half HDPE pipe burst work. There were 7 bids received ranging from \$1.8 million to well above \$2.0 million. The Engineer's Estimate was \$1.8 million. The low bidder was Bay Pacific Pipelines. The average unit price for an 8" pipe burst was \$150/LF.

Vern Philips of Harris & Associates spoke a project in Monterey where a force main failed. The pipe was only 12 years old and was 8" PVC approximately 4,000 LF in length. Normal pressures were 80 psi. The pipe developed longitudinal cracks and they performed a study to slipline the pipeline with a 6" I.D. HDPE pipe. The pressure testing requirement was 150 psi which was lower than what they were allowing, but could not see any leaks. There was a 12 psi loss over a 2 hour test. Vern asked if anyone else ran into this issue and what the pressure loss could be from. Michael Penny from CCCSD responded that perhaps there may be some air in the pipeline that was not purged.

Next Meeting:

The next general meeting is scheduled for Tuesday, May 13, 2014. The presentation topic is on "Managing pH in Large Diameter Cement Mortar Lined Pipelines with Infrequent Usage" by Michael Hartlaub of EBMUD. Please call Jimmy Dang at 510-481-6981 or email jdang@oroloma.org for additional information on this month's meeting minutes.