



MEETING MINUTES
September 9, 2014

Attendees:

Amanda Schmidt	West Yost Associates	aschmidt@westyost.com
Bijan Khamanian	Hobas Pipe USA	bkhamanian@hobaspipe.com
Dale Mathison	City of Sacramento	dmathison@cityofsacramento.org
Dale Wrigglesworth	Sacramento County	
Damasio Zepeda	CCCSD	CCCSDzepeda@centralsan.org
Darby Howard	JDH Corrosion	dhoward@jdhcorrosion.com
Derek Wurst	Black and Veatch	WurstDM@bv.com
Dolly Chen	HDR One Company	Dolly.Chen@hdrinc.com
Don Wible	Nor-Cal Pipeline	don@norcalpipe.com
Dru Nielson	Jacobs Associates	nielson@jacobssf.com
Edgar Benitez	Ameron Intl.	Edgar.benitez@nov.com
Eniko Gaeto	ADS Pipe	eniko.gaeto@ads-pipe.com
Garry Lee	DSRSD	DSRSDlee@dsrsd.com
Jacqueline Jaques	LMK Technologies	jjaques@lmktechnologies.com
J. D. Brosnan	The Covello Group	jdbrosnan@covellogroup.com
Jill Sylvester	NV5	Jill.sylvester@nv5.com
Jimmy Dang	Oro Loma Sanitary District	Jdang@oroloma.org
Landon Lochrie	Castro Valley Sanitary District	landon@cvsan.org
Liana Olsen	CCCSE	CCCSDIolsen@centralsan.org
Michael Penny	CCCSD	mpenny@centralsan.org
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Mike Heaton	B&V	heatonmi@bv.com
Mike Johannessen	V&A	mjohannessen@vaengineering.com
Nancy McWilliams	West Yost Associates	nmcwilliams@westyost.com
Noah Nordhoff	The Covello Group	nnordhoff@covellogroup.com
Pam Hopkins	EBMUD	phopkins@ebmud.com
Quoc Nham	City of Sacramento	gnham@cityofsacramento.org
Ray Mouser	Sacramento Area Sewer District	
Rob Crow	Underground Solutions	rcrow@undergroundsolutions.com
Robert Allen	CDM Smith	allenrob@cdmsmith.com
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Rudy Portugal	DSRSD	rpotugal@dsrsd.com
Thomas Vedder	P&F Distributors	tom@pfdistributors.com
Tony Catizzone	Ameron	Tony.catizzone@nov.com
Walter Pease	City of Pittsburg	wpease@ci.pittsburg.ca.us

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Presentation: Pipeline Corrosion - National Association of Corrosion Engineers (NACE) International. Presented by J. Darby Howard and Michelle Anderson.

Highlights from the presentations include:

Mr. Darby Howard is the Section Trustee and Ms. Michelle Anderson is the secretary for the San Francisco Section of National Association of Corrosion Engineers (NACE).

Mr. Howard presented an overview of the history and purpose of NACE, discussing the role NACE plays in the corrosion protection industry. NACE is a fast growing international organization providing a world-wide corrosion authority. NACE has 6 regional offices, 3 section offices, 2 career development centers, and 23 training partners throughout the world. Founded in 1943 by 11 corrosion engineers, grew to 815 members in 2013, and 38,415 active members in 2014 including China and India. The rapid growth in the last two years has largely been due to the incident in San Bruno. The gas pipeline industry turned to NACE for corrosion standards and guidelines.

Mr. Howard likened NACE to an onion – many, many layers. The oil and gas industry dominates NACE. The standards are legal decisions. NACE is starting to pay attention to water and wastewater. The trend in the past has been to apply oil and gas standards and guidelines to water and wastewater projects. NACE is now developing a new committee to specifically address water and wastewater standards.

NACE has a broad and deep training program including 33 courses and training programs and 16,000 plus students trained world-wide in 2013. The certification program is the most widely accepted and recognized corrosion certification program in the world for corrosion protection. NACE meets ISO certification.

Ms. Anderson talked about her background, how she became involved in NACE, and the activities of the local section including weekly meetings on Tuesday nights at Zio Fraedo's Restaurant in Pleasant Hill, field tours, a Bay Bridge tour, picnics, and field tests and training. The SF Section collaborates with the NACE section in Thailand, developing a memorandum of understanding to share knowledge and experience with the Pathumwan Institute of Technology in Thailand.

In summary, Mr. Howard noted that NACE makes a difference – protecting people, assets, and the environment from the effects of corrosion.

Handouts: None.

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

General:

July 8, 2014 Meeting Minutes: No available at this time.

Announcements:

2014/2015 Membership: The 2014/2015 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.

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Financial Updates: The current total in the organization account is \$33,708.28.

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

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

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. Nov 6 – Condition Assessment Webinar.

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 is now open. 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:

Eniko Gaeto of ADS spoke about a site visit involving two separate installations of HDPE pipe in the Gilroy area. One project involves approximately 5,000 LF of pipe. The second project involves 3,700 LF of pipe. Installations include 36" and 42" diameter pipe.

Michael Penney with CCCSD spoke about a cathodic protection project which will start construction on October 1. The project will include banana welds, rectifier installations, and repairs to the existing cathodic protection system. The low bid was \$396,000. Some of the work includes 214 feet deep anodes. The engineer's estimate was \$455,000.

Rob Craw with Underground Solutions discussed a cathodic protection project involving a full copper replacement of services lines that EBMUD has approved.

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Next Meeting:

The next general meeting is scheduled for Tuesday, October 14, 2014. The presentation topic is Corrosion and Corrosion Protection of Water & Waste Water Pipelines by J. Darby Howard of JDH Corrosion.

Please call Bob Allen at 925-296-8038 or email allenrob@cdmsmith.com for additional information on this month's meeting minutes.