MEETING MINUTES
January 15, 2013

Attendees:

Aaron Hope  Carollo Engineers  ahope@carollo.com
Allen Law  City of Oakland  atlaw@oaklandnet.com
Andrew Hawksworth  Carollo Engineers  ahawksworth@carollo.com
Anne Prudhel  Carollo Engineers  APrudhel@carollo.com
Bill Miller  City of Sacramento  bmillersacramento.org
Bonneau Dickson  HDI  dickson.bonneau@gmail.com
Bradley Leidecker  City of Sacramento  bradley.leidecker@hdrinc.com
Brett Grant  City of Sacramento  bgrant@cityofsacramento.org
Bob Allen  CSM Smith  allenro@cdsmith.com
Christian Hansen  Insituform  chansen@insituform.com
Cindy Preuss  HydroScience Engineers  cpreuss@hydroscience.com
Curtis Bosick  Union Sanitary District  curtisb@unionsanitary.com
Dale Mathison  City of Sacramento  dmmathison@cityofsacramento.org
David Kozman  RS Technik  dkozman@rstechnik.us
David Ng  City of Oakland  dng@oaklandnet.com
Dennis Sheil  Covello Group  dsheil@covellogroup.com
Dillon Miele  SASD  mieled@sacsewer.com
Dob Wible  Nor-Cal Pipeline  don@norcalpipe.com
Don Curry  CSW/ST2 Engineering  don@norcalpipe.com
Don Wible  Nor-Cal Pipeline  don@norcalpipe.com
Erik Zalkin  Brown & Caldwell  ezalkin@brwncald.com
Gavin Devries  SJ WC  gavin_devries@sjwater.com
Glen Anderson  Schaaf & Wheeler  ganderson@swsv.com
Gunawan Santoso  City of Oakland  gsantoso@oaklandnet.com
Jacquie Jacques  Re-Pipe CA  jaques@ipr.com
Jimmy Dang  Oro Loma Sanitary District  jdang@oroloma.org
Joan Kwong  City of Oakland
Julia Rahman  EBMUD  jrahman@ebmud.com
Justin Waples  CCCSD  jwaples@centralsan.org
Karl Yakich  EBMUD  kyakich@ebmud.com
Kyle Carbert  Harris & Associates  kcarbert@harris-assoc.com
Landon Loehrke  Castro Valley Sanitary District  lando@csvan.org
Lennard Bravo  Sacramento Area Sewer District  bravol@saccounty.net
Melissa Marshall  City of Sacramento  mmarshall@cityofsacramento.org
Mike Zubrzycki  CCCSD  mz@centralsan.org
Noe Meza  CCCSD  nmeza@centralsan.org
Nona Espinosa  NV5  nona.espinosa@nv5.com
Rob McMullin  EBMUD  rmcmullin@ebmud.com
Rolf Ohlemutz  Vallejo Sanitation & Flood Control  Rohlemutz@vsfcd.com
Russ Eberwein  Harris & Associates  reberwein@harris-assoc.com
Ryan Wade  ADS Pipe  ryan.wade@ads-pipe.com
Sami Ghossain  Union Sanitary District  sami.ghossain@unionsanitary.com
Sasha Mestetsky  CCCSD  SMESTETS@centralsan.org

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

***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:** Pump Station Design Part II by Bonneau Dickson and ASCE Pipelines 2012 Recap by Thuy Nguyen

**Highlights from the presentations include:**

**ASCE Pipelines Conference 2012 Recap**

Presenter: Thuy Nguyen

Thuy presented a summary of the ASCE conference held in Miami Beach, FL and a few of the seminars that he went to. The conference featured over 60 exhibitors and over 130 presentations related to the pipeline industry in five presentation tracks which included design management, condition assessment, construction, advances in technology, and operations and maintenance. The talks included the following:

- “Miami-Dade Case Study: Managing and Minimizing Pipeline Outages through the Use of Carbon Fiber” by R.A. Terrero, R. Coates, Luis Aguiar, A. B. Pridmore, and J. Alexander
- “Condition Assessment of a Ductile Iron Force Main Using Guided Wave Technology: Case Study of Underwood Creek Force Main, Milwaukee Metropolitan Sewerage District” by Bryon Livingston, Urbain Boudjou, and Roger Royer
- “602M-DWASD Design-Build Procurement for Government Cut Pipeline Replacement Project” by R. B. Dill, K. Watson, C. Williams, and E. A. Vega

**Pump Station Design Part II RECAP**

Presenter: Bonneau Dickson

Bonneau presented the aspects of a successful wastewater pump station project. Some highlights of the presentation include:

1. Introduction
2. Current design practice
3. How to get a good pump station design
4. Some bad examples (horror stories!)
5. Some good examples (success stories!)
6. Some features to consider
7. The future of wastewater pump station designs

**Handouts:** None.

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

**General:**

**December 11, 2012 Meeting Minutes:** A motion was made to approve the minutes, which was seconded.
**Announcements:**

**2012/2013 Membership:** The 2012/2013 membership renewal forms are available and located on the PUG website: [www.norcalpug.com](http://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.

**Norcal PUG website has been updated!** Please check it out at [www.norcalpug.com](http://www.norcalpug.com).

**Financial Updates:** The PUG Treasurer was not available to provide the information at this meeting.

**APWA In the Works:** Weekly updates can be found at [www.apwa.net](http://www.apwa.net).

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

**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. Visit here for more information: [http://www.nastt.org/node/8243](http://www.nastt.org/node/8243).

**NASTT 2013 No-Dig Show Municipal & Public Utility Scholarship:** Application deadline is January 15, 2013. For more information, please contact Michelle Hill at mhill@nastt.org.

**NASTT Groovy Fundraising Social Event of the Year - 12th Annual Educational Fund Auction and Reception:** Monday, March 14, 2013 in Sacramento, CA. For more information, please visit [http://www.nastt.org/auction](http://www.nastt.org/auction).


**Trenchless International NO-DIG Downunder:** Conference held at the Sydney Convention and Exhibition Centre on September 1-4, 2013. For more information, please visit [http://trenchlessinternational.com/news/no-dig_down_under_2013_gears_up/076499/](http://trenchlessinternational.com/news/no-dig_down_under_2013_gears_up/076499/)

**Trenchless Technology Article:** 2012 Trenchless Technology Top 50 Trenchless Design Firms. Article can be found at [http://www.trenchlessonline.com/index/archives](http://www.trenchlessonline.com/index/archives).

**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](http://www.uimonline.com/index/webinars).

**Underground Construction Technology (UCT):** Hear from George Hawkins, general manager, DC Water share their expertise at the conference in Houston, TX on January 29-31, 2013. For more information, contact kfrancis@uctonline.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](http://www.wef.org) for more information.
2. 86th Annual WEFTEC 2013 to take place on October 5-9, 2013 at McCormick Place, Chicago, IL. For more information, please visit www.weftec.org.

**Sharing Technologies 21st Annual Seminar 2013**: The seminar will be held at Hs Lordships at Berkeley, CA on February 21, 2013.

**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**:

Brett Grant of the City of Sacramento asked the group whether or not they have noticed a higher bidding climate lately, upwards of 25% over the Engineer’s Estimate. There was a discussion on whether the economy is getting better for Contractors.

Kyle Carbert of The Covello Group discussed a project for the City of Santa Clara which involved a pipe ramming project of 24” diameter pipe 85 feet below train tracks. The project was out to bid in October but received no bids and is currently be re-bid.

Allen Law of The City of Oakland provided bid results subsequent to the meeting. The project bid results are shown below:

<table>
<thead>
<tr>
<th>No.</th>
<th>Project Description</th>
<th>Bid Amount</th>
<th>Contractor</th>
<th>Bids Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rehabilitation of Sanitary Sewers in the Area Bounded by Shattuck Avenue, 59th Street, Telegraph Avenue and Woolsey Street (Project No. C312310 Sub-Basin 50-10)</td>
<td>$2,795,525.00</td>
<td>Andes Construction, Inc.</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Rehabilitation of Sanitary Sewers in Rosedale Avenue bounded by Foothill Boulevard and Santa Rita Street (Project No. C329128)</td>
<td>$395,071.00</td>
<td>Andes Construction, Inc.</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Rehabilitation of Sanitary Sewers in Bridge Avenue bounded by Foothill Boulevard and E.16th Street, and in the easement bounded by Carrington Street, 42nd Avenue, Santa Rita Street, and High Street (Project No. C329129)</td>
<td>$307,924.00</td>
<td>Andes Construction, Inc.</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>Rehabilitation of Sanitary Sewers in the Easement by Elinora Avenue and Reinhardt Drive (Project No. C329130)</td>
<td>$271,672.00</td>
<td>Mosto Construction</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Root Foaming Project</td>
<td>$535,825.00</td>
<td>Root Tamers</td>
<td>2</td>
</tr>
</tbody>
</table>
Next Meeting:

The next general meeting is scheduled for Tuesday, March 19, 2013. The presentation topic is on the PG&E Pipeline Safety Enhancement Program by Roy Surges of PG&E. Please call Jimmy Dang at 510-481-6981 or email jdang@oroloma.org for additional information on this month’s meeting minutes.