**MEETING MINUTES**

**July 16, 2013**

**Attendees:**

- Bill Chavez  SRCSD  chavezb@Sacsewer.com
- Cindy Preuss  HydroScience Engineers  cpreuss@hydroscience.com
- Deanne Zhao  CCCSD  dzhao@centralsan.org
- Don Wible  Nor-Cal Pipeline  don@norcalpipe.com
- Eniko Gaeto  ADS Pipe  eniko.gaeto@ads-pipe.com
- Erik Zalkin  Brown & Caldwell  Ezalkin@BrwnCald.com
- Jennifer Glynn  RMC  jglynn@rmcwater.com
- Jimmy Dang  Oro Loma Sanitary District  jdang@oroloma.org
- Jonathan Lee  West Valley Sanitation District  jlee@westvalleysan.org
- Karl Miersemann  EBAA Iron  kmiersemann@yahoo.com
- Kevin Smith  EBMUD  smithk@ebmud.com
- Krista Moita  EBMUD  kmoita@ebmud.com
- Marisa Boyce  EBMUD  mboyce@ebmud.com
- Mark Wenslawski  CCCSD  mwenslawski@centralsan.org
- Marshall McLeod  EBMUD  mmcleod@embud.com
- Mike Hass  Anchor Engineering  mhass@anchorcm.com
- Patrick Johnston  Kennedy/Jenks  patrickjohnston@kennedyjenks.com
- Rob McMullin  EBMUD  rmcmulli@ebmud.com
- Rolf Ohlemutz  Vallejo Sanitation & Flood Control  Rohlemutz@vsfcd.com
- Ron Quinzone  EBAA Iron
- Sasha Mestetsky  CCCSD  SMESTETS@centralsan.org
- Ted Hopkins  Shannon & Wilson  twh@shanwil.com
- Tracie Sakakihara  Hatch Mott McDonald  tracie.sakakihara@hatchmott.com

**Presentations:**

- ASCE Pipelines 2013 Recap by Roberts McMullin of EBMUD and EBMUD
- Mokelumne Aqueducts Interconnection Project by Marshall McLeod of EBMUD

**Highlights from the presentations include:**

Mr. McMullin presented on the ASCE Pipelines 2013 Conference. The presentation included topics of the following:

1. ASCE Training Course on Seismic Design of Buried Pipelines
2. China’s Municipal Pipelines: Today and Tomorrow
3. Corrosion Protection Provided By Mortar Lining in Large Diameter Water Pipelines After Many Years of Service
4. Revision of the AWWA C200 Steel Water Pipe Manufacturing Standards: Consensus-Based Changes Mark Significant Improvements
5. Exploring Pipe Materials for 24” and Larger Diameter Water Pipes
Mr. McLeod presented on the EBMUD Mokelumne Aqueducts Interconnection Project which included the following:

1. Design
   a. Three pipelines bring 90% of District’s water supply, approximately 82 miles.
   b. The first pipeline was built in the 1920s, the second was in the 1940s, and the third in the 1960s. The third pipeline is the only one that will survive a seismic event today.
   c. Hazards in the Delta, flooding and scour, seismic and liquefaction, subsidence.
   d. Interconnections between East and West side of Delta. Looked at short term and long term solutions including tunneling underneath the Delta.
   e. $12M total budget. $8.2M construction costs. $10M DWR grant. The project was a Design-Bid-Build project.
   f. Goal is to have the pipeline survive a major seismic event and to have manual controls.
   g. 30% design: Above ground, H-pattern, direct bury, or deep vault options.
      Outcome was a shallow vault, direct bury combination design.
   h. Surge protection required for protection of pipelines #1 and #2.

2. Construction
   a. April to October shall have no work on the pipelines due to high demand of water.
   b. Half a year ahead of schedule to perform all shutdowns during the first winter of two allotted in the schedule.
   c. Issues: 60” BFV, 16” metal seated plug valves, groundwater dewatering, EBMUD pipe dewatering, split sleeve couplings. Polyurethane issues including blistering.

3. CM Tools
   a. Partnering, factory witness testing, weekly progress meetings including suppliers.
   b. Rapid response.
   c. Contingency planning exercises.
   d. Additional design input during construction.
   e. Focus on project milestones and good communication.

Handouts: None.

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

General:
June 18, 2013 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 $41,883.28.

APWA In the Works: Weekly updates can be found at www.apwa.net.
**Cal/Neva AWWA 2013 Conference:** Conference will be held in Sacramento, CA on October 1-3. For more information, please visit [http://ca-nv.awwa.org/CANV/web/events/AFC/web/events/AFC13.aspx](http://ca-nv.awwa.org/CANV/web/events/AFC/web/events/AFC13.aspx)

**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 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](http://www.nastt.org/webinars)

1. September 25, 2013: Sliplining
2. November 7, 2013: Sewer Laterals

**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 Magazine:** May issue of the magazine shows there are two members from EBMUD on the panel.

**Trenchless Technology Webinar:** There is a Trenchless Technology Webinar hosted by NASTT on HDD, Pipe Bursting, and CIPP for the Gas Industry. The date is Tuesday, June 25, 2013, at 2 pm ET. This webinar is free and can be found at the link below: [http://www.trenchlessonline.com/index/webinars](http://www.trenchlessonline.com/index/webinars)

**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)

1. None.

**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](http://www.weftec.org).

**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:**

**Jimmy Dang** of OLSD asked the group for any details or solutions to root intrusion in manholes. Responses include adding more concrete or grout around the connection to the manhole. Another product was suggested regarding a Henry’s product that would bond with the HDPE pipe and concrete to keep roots from penetrating the manhole at that location.
**Karl Miersemann** of EBAA Iron mentioned to the group that the Flextend double ball expansion joint for pipelines has its dimensions changed. Please consult the website for the correct dimensions. [http://www.ebaa.com/](http://www.ebaa.com/)

**Next Meeting:**

The next general meeting is scheduled for Tuesday, August 20, 2013. The presentation topic is on Steel Pipe Linings and Coatings by Greg Smith of Northwest Pipe Co. Please call Jimmy Dang at 510-481-6981 or email jdang@oroloma.org for additional information on this month’s meeting minutes.