

AWWA CA – NV SECTION
METER COMMITTEE
OPERATORS DIVISION

FALL MEETING AGENDA

October 22, 2018, 3:00-4:00

Palm Desert, CA

1) Greeting & Introductions

- Chair, Michele Harvey
- Northern California Delegate-at-Large, **OPEN**
- Vice Chair, Todd Artrip
- Southern California Delegate-at-Large, Rick Small
- Secretary, Ron Gallon

2) Sign-In Sheet – Check Contact Information & New Additions

- Welcome new attendees

3) Upcoming Meetings & Events

Winter Meeting

NoCal Location TBD

Targeting Monday, January 21, 2019

AWWA ACE19

Denver, CO

June 9-12, 2019

Summer Meeting

SoCal Location TBD

Targeting Monday, August 19th

Spring Meeting

Spring Conference in Sacramento

March 25, 2019 @ 3p

Water Education Seminar (WES)

Santiago Community College, Orange CA

August 2019 (date TBA)

Fall Meeting

Fall Conference, location TBA

Date TBA

4) Meter Committee Website – Agenda and Minutes

5) Elections

6) Training Sub-Committee, Rick Small, Chair

7) Spring Technical Program Planning

- Call for volunteers
- Future Topic Suggestions (current list below)

8) New Tools

- Website, Electronic Newsletter, CEUs, Evites
- Electriconic Knowledge Base, Training Course, Source Magazine, On-Line Polling, YP Members

9) Leadership

- Spit Secretary Position
- Utility Delegates
- Vendors – delegates and co-presenters/panels

10) Announcements

- NSI/AWWA C715 - Cold Water Meters - Electromagnetic and Ultrasonic Type, for Revenue Applications, published
- M33 Manual – Flowmeters in Water Supply, new release
- 2018 Water Education Seminar (WES) Presentations, available on-line
- AB 3206 Meter Accuracy and Testing, Bill Dead for 2018

11) Technical Presentations

- Fall presentations listed below
- Remote Shutoff Meters

12) Open Discussion

- **Between meetings, send inquiries to the committee roster via committee chair**
- Ultrasonic & Mag Meter Applications and Performance (Sergio Barragan, LADWP)
- AMI – Who has installed? Any dual water/electric systems? (Javier Romero, LADWP)
- Door Tagging – Is anyone doing this? Potential issues? (Christopher Tapia, City of Oceanside)
- SB-998 Discontinuation of Residential Water Service (Christopher Tapia, City of Oceanside)
- Tracking hydrant meters via GPS (Rick Small, City of Riverside)
- Time permitting, round robin call out to utilities, then vendors

Meeting Adjourned @ 4 p.m. at the latest.

Potential CEU Topics

- ❖ The importance of large meter testing and tracking (presented Winter 2018)
- ❖ Load rating for meter boxes and other information (targeting for Spring 2019)
- ❖ How are utilities handling large volume leak information from AMI (targeting for Spring 2019)
- ❖ How has AMI affected utility staffing (targeting for Spring 2019)
- ❖ Test bench requirements for testing ultrasonic commercial meters (targeting for Spring 2019)
- ❖ What to do with Meter Testing Data (Dan Baker, Helix Water District)
- ❖ Customer engagement for AMI, AMR & Cellular (targeting for Spring 2019)
- ❖ Testing meters with portable testers (ex. PD testing a Multi-jet)
- ❖ Testing procedure for different types of meters
- ❖ Developing benchmarks for time and or use to develop calibration programs for utility meters
- ❖ Developing a calibration program for single unit meters
- ❖ Factors affecting meter accuracy
- ❖ Meter mechanical / no moving parts
- ❖ Ultrasonic vs. Mechanical
- ❖ Ultrasonic vs. Mag Meters
- ❖ Reading old & new meter register components
- ❖ Meter installation
- ❖ Water meter + meter boxes – tagging and tracking methods
- ❖ Water audit ideas, methods and how in depth
- ❖ Backflow record keeping / testing / make and models

Fall Show – Technical Program, Wednesday, October 24th

The Meter Committee has its own morning track and is sharing the afternoon track with the Water Management & Efficiency committee.

Meter Committee

- 07:30-08:30 Top Down and Bottom Up Business Case for Water Meters & AMI
- 10:00-10:30 Smart Cities Technology: Beyond the Marketing
- 10:30-11:00 Improving Water System Operations & Customer Service to the End User via AMI
- 11:30-12:00 Avoid the Truck Roll – Survey of Remote Shut-Off Meters

Water Management & Efficiency and New Technology

- 11:30-12:00 Getting to know Jane and John Smith – Using Data to Drive Customer Communication & Engagement

Water Management & Efficiency and Meter

- 01:30-02:30 Managing an AMI and Meter Installation Project from Start to Finish
- 02:30-03:00 Post AMI implementation and non-revenue discovery
- 04:00-05:00 New Smart Metering Options for Medium to Small Sized Utilities