

2015 WPU

DA
WATER

WORKSHOP

September 23-25, 2015 | Enzian Inn | Leavenworth, WA

GOLD SPONSORS:



FOSTER PEPPER PLLC
ATTORNEYS AT LAW



Gray & Osborne, Inc.
CONSULTING ENGINEERS

SILVER SPONSORS:



2015 WPUDA WATER WORKSHOP

WEDNESDAY, SEPTEMBER 23

Pre-Workshop Activities

9:00 a.m. to 12:00 p.m. Pre-Workshop nine-hole golf tournament – Leavenworth Golf Club

9:00-10:30 a.m. Pre-Workshop session

PW-1: Dealing with a water system contamination event

- Review of all the steps from first confirmation to final resolution
- Experience drawn from actual incidents

Panelists: Mark Morgan, Kitsap PUD; Shawn Desy, Chelan PUD; Jocelyne Gray, Mason PUD No. 1; Mark Scott, Pend Oreille PUD

Session Leader: Ron Slabaugh, Chelan PUD

10:30-10:45 a.m. Break

10:45 a.m.-12:15 p.m. Pre-Workshop session

PW-2: What the revised total coliform rule means for your PUD

- Overview of RTCR content and requirements
- Examples of impact on different types of water systems
- How to minimize RTCR implementation cost

Presenter: Mark Steward, Dept. of Health

Session Leader: Ron Slabaugh, Chelan PUD

Afternoon Workshop Sessions and Evening Reception and Dinner

12:30 p.m. Registration Open

1:30-2:00 p.m. Welcome to Workshop: Introductory Plenary Session

2:00-3:30 p.m. Concurrent Sessions **Sponsored by Gray & Osborne, Inc.**

1-A: Emerging water resource issues

- Policy, legal and regulatory developments affecting water utilities
- Ecology policy on rural water supply, drought response and other issues
- PUD discussion with legislators and regulators

Presenters: State Senator Judy Warnick; State Representative Derek Stanford; Tom Loranger, Dept. of Ecology; Bill Clarke, WPUDA

Session Leader: John Kounts, WPUDA

1-B: Using helium for leak detection

- How helium leak detection works
- Benefits of helium as a way to find small leaks
- Pros and cons vs. other methods
- Cost and other considerations

Presenter: John Kitchen, Utility Service Group

Session Leader: Kim Gubbe, Thurston PUD

3:30-4:00 p.m. Break

4:00-5:30 p.m. Concurrent Sessions

2-A: Emerging drinking-water issues

- New state and federal rules and initiatives affecting PUD water systems
- PUD feedback to regulators

Presenter: Clark Halvorson, Dept. of Health

Session Leader: John Kounts, WPUDA

2-B: Trends in SCADA systems

- How PUDs are using SCADA to monitor and operate their water systems
- Discussion of different PUD approaches and what's on the SCADA horizon

Panelists: Mike Fox, Skagit PUD; Nick Bayard, Kitsap PUD; Brian Ziesmer, Z Engineers and Chelan PUD

Panelist/Session Leader: Dave Epperson, Kitsap PUD

6:00-9:00 p.m. Reception and Dinner **Sponsored by RH2 Engineering, Inc.**

THURSDAY, SEPTEMBER 24

7:30 a.m. Registration Open

8:30-10:00 a.m. Concurrent Sessions **Sponsored by Gray & Osborne, Inc.**

3-A: Water rights law and the Growth Management Act

- How statutes and court rulings affect GMA water availability requirements
- Water supply challenges for rural/suburban water utilities
- Ecology's water availability guidance to counties
- Practical lessons from the Nooksack and Kittitas basins

Presenter: Tom Pors, attorney

Session Leader: Bill Clarke, WPUDA

3-B: Next steps in AMI/AMR metering

- Chelan PUD's feasibility study of advanced metering infrastructure (AMI)
- Managing and replacing aging automated meter reading (AMR) systems

Panelists: Oscar Maciel, Clark Public Utilities; Shawn Desy, Chelan PUD

Panelist/Session Leader: Ron Slabaugh, Chelan PUD

3-C: Recent PUD water system projects

- Presentation by PUDs of their current or planned projects
- New or innovative uses of technology

Panelists: Barry Lovingood, Clark Public Utilities; Mark Morgan, Kitsap PUD; Mark Scott, Pend Oreille PUD

Panelist/Session Leader: George Sidhu, Skagit PUD



Golf Tournament

Join us Wednesday morning, September 23, 2015, for a nine-hole, shotgun-start tournament. Make new friends and win some great prizes.

Proceeds from the tournament will benefit PUD assistance programs.

Cost: \$40 per person.

Golfers may choose their team members or request to be assigned to a team.

Leavenworth Golf Club

9101 Icicle Rd, Leavenworth, WA 98826

THURSDAY, SEPTEMBER 24 *continued*

10:00-10:15 a.m. Break

10:15-11:45 a.m. Concurrent Roundtable Sessions

4-A: Roundtable discussion for PUD commissioners
Session Leader: Dennis Bolz, Chelan PUD

4-B: Hot topics in management: discussion group for managers and office staff
Session Leader: Bob Hunter, Kitsap PUD

4-C: Hot topics in operations: discussion group for operators
Session Leader: Mark Scott, Pend Oreille PUD

11:45 a.m.-12:45 p.m. Lunch and legal-issues presentation by attorney Marc Greenough, **Sponsored by Foster Pepper PLLC**
Off-Site and On-Site Sessions, Transportation Sponsored by Murray, Smith & Associates, Inc.

1:15-6:30 (off-site sessions)
5-A: Joint sessions at Washington Association of Sewer and Water Districts conference in Wenatchee

- Managing risk for water/wastewater utilities
- Customer service innovations panel discussion
- Project experience panel discussion
- Exhibitors reception

1:15-2:45 p.m. (on-site session)
5-B1: Technology innovations for rural water systems

- Lessons from the Peace Corps in the Dominican Republic
- Applications to rural water service in Washington

Presenter: Joshua Kennedy, CH2M HILL
Session Leader: Shawn Desy, Chelan PUD

3:00-4:30 p.m. (on-site session)
5-B2: Hydro excavation and vacuum removal demonstration

- Discussion of available equipment and techniques
- Demonstration of vactor truck capabilities for safe excavation

Presenter: Larry Peterson, Chelan PUD
Session Leader: Shawn Desy, Chelan PUD

6:30 p.m. Dinner groups meet in the hotel lobby (optional)

FRIDAY, SEPTEMBER 25

8:30-10:00 a.m. Concurrent Sessions **Badger Meter**

6-A: System development charges

- Role of SDCs in overall rate design and meeting revenue requirements
- Review of approaches to setting SDCs
- Developing capacity-based SDCs

Presenters: Angie Sanchez-Virnoche and Sergey Tarasov, FCS Group
Session Leader: Ed Heidt, Skagit PUD

6-B: Complying with the revised MCL for arsenic

- PUD experience meeting the revised MCL of 10mg/L for arsenic
- Cost and technical challenges, especially for smaller water systems
- Innovative ideas and solutions

Presenter: Stephen Baker, Dept. of Health
Panelist: Dick Price, Stevens PUD
Panelist/Session Leader: Dave Epperson, Kitsap PUD

6-C: Emergency preparedness and communications

- Review of emergency process steps and personnel roles
- Preparing and maintaining a response and communications plan

Presenter: Lee Odell, CH2M HILL
Panelists: Jocelyne Gray, Mason PUD No. 1; Mike Fox, Skagit PUD
Panelist/Session Leader: Oscar Maciel, Clark Public Utilities

10:00-10:15 a.m. Break

10:15-11:45 a.m. Concurrent Roundtable Sessions

7-A: Benefits of water system consolidation and regionalization

- Why it's a top priority for Dept. of Health
- PUD project challenges and successes
- Incentives available to PUDs

Panelists: Jocelyne Gray, Mason PUD No. 1; Dick Price, Stevens PUD; Scott Torpie and Andy Anderson, Dept. of Health
Panelist/Session Leader: Mark Morgan, Kitsap PUD

7-B: Customer service ideas and challenges

- Lessons from PUD examples
- Ideas for working with challenging customers

Panelists: Lori Wyrick and Oscar Maciel, Clark Public Utilities
Panelist/Session Leader: Ed Heidt, Skagit PUD

7-C: Pros and cons of having an in-house construction crew

- Opportunities to save money and do more projects in-house
- Ongoing costs of having an in-house crew

Panelist: George Sidhu, Skagit PUD
Panelist/Session Leader: Bob Hunter, Kitsap PUD

11:45 a.m.-12:15 p.m. Box Lunch, Workshop Evaluation and Prize Drawing **Sponsored by HDR Engineering, Inc.**



Lodging Information:

Workshop and main lodging will be held at the
ENZIAN INN
590 Highway 2, Leavenworth, WA 98826
For reservations 1-800-223-8511, or
www.enzianinn.com | Rates: \$105-\$110, plus tax
Online code: 8901 | Deadline: August 24, 2015

Cancellation Policy: Registration fee will be refunded if cancellation is received before September 12. Substitutions are welcome. To cancel please contact Lena Mendiola.

Questions or Comments: Contact Lena Mendiola, by phone 360-741-2682, or email lmendiola@wpuda.org

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Please return this form to:
 WPUDA, Water Workshop Registration
 212 Union Ave. SE, Suite 201, Olympia, WA 98501
 LMendiola@wpuda.org Fax: 360-741-2686
 Or, register online at www.wpuda.org

REGISTRATION FORM

Attendee Name _____ Title _____

PUD/Organization _____ Form Completed by _____

Phone Number _____ Email _____

Please note any dietary restrictions for meals _____

Registration fees and additional activities – Includes most meals (Does not include a guest)

- WPUDA Member Fee\$175
- Non-Member Fee (by invitation)\$225
- Golf Tournament.....\$40
- Sept. 24 -WPUDA/WASWD joint session and reception fee.....\$36
- Dinner Guest\$30

Total for all fees checked above:..... \$ _____

Single day registrants. Two or more days must pay the full registration rate.

- Wednesday\$70
- Thursday\$110
- Friday\$60

Total for single day registration checked above:..... \$ _____

GRAND TOTAL:..... \$ _____

Invoice PUD

Check Enclosed Payable to Washington PUD Association

Please charge my credit card:

Visa MasterCard Number _____ Exp. Date _____ CVV _____

Cardholder's Name (please print) _____ Billing ZIP _____

You may select any combination of sessions you wish to attend. **CEU credits for water and wastewater operators are pending.**

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9:00 a.m.

- Golf Tournament
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10:45 a.m.

- PW-2: What the revised total coliform rule means for your PUD

2:00 p.m.

- 1-A: Emerging water resource issues
- 1-B: Using helium for leak detection

4:00 p.m.

- 2-A: Emerging drinking-water issues
- 2-B: Trends in SCADA systems

6:00 p.m.

- Reception and Dinner

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8:30 a.m.

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- 3-B: Next steps in AMI/AMR metering
- 3-C: Recent PUD water system projects

10:15 a.m.

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1:15 p.m.

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- 5-B1: Technology innovations for rural water systems

3:00 p.m.

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8:30 a.m.

- 6-A: System development charges
- 6-B: Complying with the revised MCL for arsenic
- 6-C: Emergency preparedness and communications

10:15 a.m.

- 7-A: Benefits of water system consolidation and regionalization
- 7-B: Customer service ideas and challenges
- 7-C: Pros and cons of having an in-house construction crew



Joint WPUDA/WASWD education sessions and tradeshow reception

Thursday, September 24, 1:15 – 6:30 p.m.

Sessions will be held at the Wenatchee Convention Center.

Transportation will be provided.

Session topics include:

- Deal or No Deal: Determining appropriate settlement authority for tort claims
 - Customer Service Innovations by PUDs and Water-Sewer Districts
 - Experience with PUD and Water-Sewer District Projects
- Cost is \$36.00