



PNWS-AWWA
Northwest Washington

2018 Annual Report





American Water Works Association
Pacific Northwest Section
Northwest Washington Subsection

Table of Contents

1. 2019-20 Subsection officer information
2. 2019 Subsection activities summary (with pictures!)
 - PNWS-AWWA Subsection Activities
 - Workshop and Event Announcements and Flyers
 - Board Meeting Minutes
3. 2020 Proposed schedule of meetings, workshops, and events
4. 2020 Subsection goals
5. Copy of signature card from the bank/financial institution with signatures (listing the PNWS Executive Director as a signee)
6. Affiliation Agreement signed by the Subsection President/Chair
7. Conflict of Interest Statement signed by each subsection officer (including Directors)
8. Subsection Financials
 - Balance Sheet
 - Profit/Loss Statement
 - Cash Receipts and Expenses Report
 - Allotment Request



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

1. 2019-20 Subsection officer information



Northwest Washington PNWS - Subsection Officer Information

Officers to be included:

1. President/Chair
2. Vice-President/Vice-Chair
3. Secretary
4. Treasurer
5. In-coming Officer/Officer-Elect
6. Past President/Past Chair

Information Needed for Each Officers:

1. Name
2. Title
3. Business/Organization
4. Mailing/Street Address (P.O. Box is fine)
5. City/State/Zip Code
6. Phone
7. Fax
8. E-mail



American Water Works Association
Pacific Northwest Section

PO Box 872467
Vancouver, WA 98687
T 503-760-6460
F 360-284-0695
www.pnws-awwa.org

President/Chair

Ben Scrace
Vice President
Whitney Equipemnt Comapny
16120 Wood-Red Rd, NE, #3
Woodinville, WA 98072
206-963-0332
bscrace@weci.com

Vice-President/Vice-Chair

Jeff Marrs
Water Filtration Plant Manager
City of Everett
6133 Lake Chaplain Rd
Eerett, WA 98272
425-257-8201
jmarrs@everettwa.gov

Secretary

Joan Pringle
Secretary
City of Anacortes
14489 River Bend Rd
Mount Vernon, WA 98273
360-428-1598
joanp@cityofanacortes.org

Treasurer

Mark Semrau
Capital Projects Manager
Skagit PUD
1415 Freeway Ave
Mount Vernon, WA 98273
360-848-2139
semray@skagitpud.org

In-coming Officer/Officer-Elect

TBD

Past President/Past Chair

Eric Schey
Sr. Wastewater Engineer
King County
201 Jackson Street
Seattle, WA 98104
206-263-3784
eric.schey@kingcounty.gov



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

2. 2019 Subsection activities summary

**PNWS-AWWA Subsection Activities
Workshop and Event Announcements and
Flyers Board Meeting Minutes**



PNWS-AWWA Subsection Activities

	Date	Location	Topic	# Registered	CEU's
1	1/30/19	Mukilteo WW	Math for Operators & Reading P&ID Workshop	11	0.6
2	2/26/19	Bellingham	Emergency Preparedness Workshop	15	0.7
3	3/7/19	Stanwood	Basic Waterworks & WTP Tour	32	0.6
4	3/7/19	Skagit River Brewery	Best Tasting Water	42	
5	3/21/19	Skagit PUD	AC Pipe Workshop	31	0.7
6	3/27/20	HB Jaeger	Meter Madness	17	
7	4/1/19	Burlington	Water Storage Basics Workshop	14	0.7
8	4/16/19	Coupeville	Basic Waterworks Workshop & WTP Tour	43	0.6
9	4/17/19	Skagit Valley Inn	A Day with DOH Workshop	120	0.6
10	5/7/19	Everett	Emergency Preparedness Workshop	23	0.7
11			Fund Raiser		
12	5/22/19	Port Townsend	Pump Station O&M Workshop	40	0.6
13	6/4/19	The Rock	YP Networking Event	12	
14	6/4-5/19	Lynwood Convention Cntr.	Western WA Short School	127	1.2
15	6/12/19	Anacortes	Chlorine Residual Testing Workshop	21	0.3
16	7/31/19	Bellingham	YP Event: Whatcom Falls WTP Tour	18	
17	10/19/19	Stanwood	Chlorine Residual Testing Workshop	37	0.3
18	10/20/19	Bertelsen Winery	Beer & Wine for Water	41	
19	10/1/19	Friday Harbor	Chlorine Residual Testing Workshop	38	0.3
20	10/16/19	Snohomish Cnty PUD	Asset Management Training Workshop	32	0.3
21	10/16/19	Skagit PUD	Groundwater Basics Workshop	39	0.6
22	10/25/19	Coupeville	Emergency Preparedness Workshop	37	0.7
23	10/29/19	Port Angeles	Water Storage Basics Workshop	5	0.7
24	11/6/19	Skagit Valley Inn	Water Loss Control Workshop	23	0.6
25	11/13/19	Brightwater	Chlorine Residual Testing Workshop	26	0.3
26	11/21/19	Alderwood W&WD	Water Treatment Workshop	CANCELLED	0.6



American Water Works Association
Pacific Northwest Section
 Northwest Washington Subsection

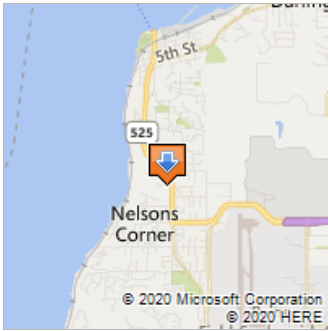
When

Wednesday, January 30, 2019 from 8:00 AM to 3:45 PM
 PST

[Add to Calendar](#)

Where

Mukilteo Water & Wastewater District Offices
 7824 Mukilteo Speedway
 Mukilteo, WA 98275



[Driving Directions](#)

Contact

Jeff Lundt
 Northwest Washington Subsection AWWA
 206-477-5582

Math for Operators & Reading P&IDs Workshop

The workshop will be at the Mukilteo Water & Wastewater District offices in Mukilteo Washington.

Presenters will be:

Butch Perry - KCWTD

Jeff Lundt - KCWTD

Kenny Packard - HDR Engineering

0.6 CEUs Water & Wastewater CEUs pending,

Cost is \$80 for AWWA, WEF or PNCWA members. \$105 for non-members

\$25 premium applied for registration after Wednesday January 22nd. Registration closes Friday January 25th.

Lunch and refreshments are included.

Small System Scholarships are available for two member (AWWA, WEF or PNCWA) operators working for utilities with 500 connections or less. First come, first served. Your payment receipt date sets your place in line.

Student Scholarships are available for any student attending 2 or 4 year post-secondary education or trade school.

Cancellation Policy is: Trading attendees can happen anytime. Refunds (minus \$5 admin fee) will be issued if you need to cancel and notify Jeff Lundt 7 days prior to the event.

[Register Now!](#)

Thanks for your interest in water & wastewater operator training through the Northwest Washington Subsection, PNWS-AWWA. Other training scheduled for early 2019 includes:

Emergency Preparedness in Bellingham, February 26th

Basic waterworks & WIP tour in Stanwood, March 7th

NWWA Best Tasting Water Contest in Mt Vernon (Skagit River Brewery) March 7th

Water Storage Basics in Burlington, April 1st

Western Washington Short School & Trade Show in Lynnwood, June 4 & 5

Working with Asbestos Cement Pipe in Mt Vernon, March 21st

A Day With DOH in Mt Vernon, April 17th

If you have any questions or comments, please contact Jeff Lundt at 206/477-5582 or jeff.lundt@kingcounty.gov.



American Water Works Association
Pacific Northwest Section
 Northwest Washington Subsection

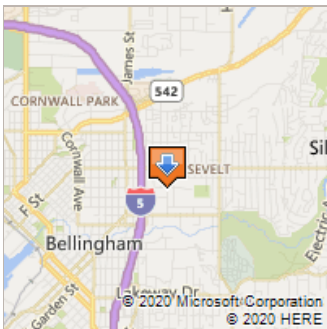
When

Tuesday, February 26, 2019 from 7:45 AM to 4:00 PM
 PST

[Add to Calendar](#)

Where

Bellingham Public Works Training Room
 2221 Pacific ST
 Bellingham, WA 98229



[Driving Directions](#)

Contact

Jeff Lundt
 Northwest Washington Subsection AWWA
 206-477-5582
jeff.lundt@kingcounty.gov

2019 Emergency Preparedness Workshop - Bellingham

Tuesday February 26th starting at 7:45 AM

Public Works Training Room - Bellingham, WA

A one-day presentation that provides a basic understanding of emergency preparedness, and the response of water and wastewater utilities in the event of emergencies and disasters. Assessing risks, planning and preparedness will lead to utilities that function better in emergencies, work more efficiently to restore service to customers and are better able to maintain service and water quality.

Topics include:

- Water Utility Emergencies
- Emergency Case Studies
- Emergency Action Plan
- Risk & Resilience
- Incident command system
- Public Outreach During Emergencies
- Business & Operational Continuity
- Water/Wastewater Agency Response Networks (WARNs)
- Tabletop & Field Exercises, Other Training
- Personal Preparedness
- Facility Security
- Cyber Security

Instructors will be:

Dan Burwell - RH2 Engineering

Kristin Hemenway - Lake Whatcom Water & Sewer District

Kurt VanBurkleo. - Skagit County PUD No. 1

Jeff Lundt P.E. - King County WTD

0.7 CEUs [Water & Wastewater CEU Approved](#)

Cost is \$80 for AWWA & WEF members and \$105 for non-members. If you **or your utility** are AWWA, WEF or PNCWA members **you qualify for member rates**. Lunch and refreshments are included. \$25 surcharge for registering after Friday February 15th. Registration closes Friday February 22nd.

Workshop starts at 7:45 AM. Doors open for coffee & sign-in at 7:30 AM.

Register Now!

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of your payment marks your spot in line for the limited number of scholarships. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2019

Western Washington Short School & Trade Show, Tuesday & Wednesday June 4 & 5, 2019 - Lynnwood Convention Center, Lynnwood, WA

Math for Operators and Reading P&IDs, Wednesday January 30, Mukilteo Water & Wastewater District Offices, Mukilteo, WA

Basic Waterworks & WTP Tour, Thursday March 7th. Stanwood Fire Station Meeting Room - Stanwood, WA

Asbestos Cement Pipe, Thursday March 21st Skagit PUD #1 - Mt Vernon, WA

Water Storage Basics, Monday April 1st. Burlington Public Library - Burlington, WA

A Day with DOH, Wednesday April 17th, Skagit Confernece Center - Mt Vernon, WA

Emergency Preparedness. May Legion Hall - Everett, WA

Pump Station O&M, Wednesday May 22nd, Cotton Building - Port Townsend WA

See the subsection Webpage for updates on dates and other training



American Water Works Association Pacific Northwest Section

Northwest Washington Subsection

When

Thursday, March 7, 2019 from 8:00 AM to 3:45 PM PST

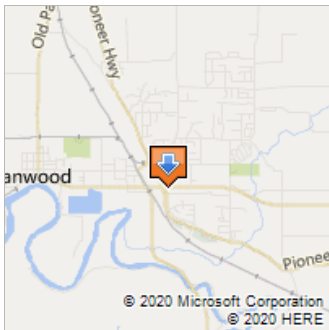
[Add to Calendar](#)

Where

North County Regional Fire Station 99

8117 267th ST NW

Stanwood, WA 98292



[Driving Directions](#)

Contact

Jeff Lundt

Northwest Washington Subsection AWWA

2064775582

jeff.lundt@kingcounty.gov

2019 Basic Waterworks Workshop & WTP Tour -Stanwood

Thursday March 7th starting at 8:00 AM

at the North County Regional Fire Station Meeting Room, Stanwood WA

A one-day presentation of some of the basic elements, terminology, regulations and concepts involved in operating a water utility. This workshop is aimed at new frontline employees, office staff and others who would benefit from an understanding of the basic concepts and terminology used in the water supply industry. Topics include:

- Overview of Water Systems
- Regulations and Contaminants
- Water Sources
- Hydrology & Hydraulics
- Treatment & Disinfection
- Water Quality Monitoring
- Water Quality Protection Practices
- Construction & Maintenance
- Disaster Response

Instructors will be:

Allen Fitz - Engineer

Jim Spooner - City of Everett

Jeff Lundt P.E. - King County WTD

& draft choices to be named later!

0.6 CEUs Basic Waterworks presentation (**APPROVED!**)

For those who stay for the tour an additional 0.1 CEU is available

Cost is \$80 for AWWA, WEF & PNCWA members and \$105 for non-members. If you or your utility are AWWA, WEF or PNCWA members you qualify for member rates. Lunch and refreshments are included. \$25 surcharge for registering after Friday March 1st. Registration closes Friday March 22nd.

[Register Now!](#)

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of payment marks your spot in line. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

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Thanks for your time and attention.

Other NWWA Training Events for 2019

Math for Operators & Reading P&IDs, Wednesday January 30th, Mukilteo Water & Wastewater District

Emergency Preparedness, Tuesday February 26th, Bellingham Public Works Training Room

AC Pipe Handling, Thursday March 21st, Skagit PUD No. 1 Mount Vernon

Water Storage Basics Monday April 1st, Burlington Public Library

Western Washington Short School & Trade Show, Tuesday & Wednesday June 4th & 5th, 2019 - Lynnwood Convention Center, Lynnwood, WA.

See the subsection Webpage for updates on dates and other training



American Water Works Association
Pacific Northwest Section
 Northwest Washington Subsection

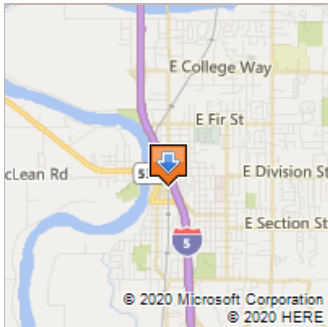
When

Thursday, March 7, 2019 from 5:00 PM to 8:00 PM PST

[Add to Calendar](#)

Where

Skagit River Brewery
 404 South 3rd Street
 Mount Vernon, WA 98273



[Driving Directions](#)

Registration and Event Contact

Mark Semrau
 Northwest Washington Subsection PNWS-AWWA
 360-848-2139

msemrau@pnws-awwa.org

Reminder: Samples must be turned in by 1:00 pm on March 7th or contact - Mark Semrau msemrau@pnws-awwa.org for other possible arrangements. No late samples will be accepted.

2019 Northwest Washington Subsection PNWS-AWWA Best Tasting Water Contest

Wednesday, March 7, 2019

Entries due by 1:00 PM to:

Skagit PUD No. 1, 1425 Freeway Drive, Mount Vernon

OR

North County Regional Fire Station, 8117 267th St NW, Stanwood

Doors open at 5:00 PM

Tasting starts at 6:00 PM

@ The Skagit River Brewery, 404 S 3rd ST Mount Vernon, WA.

Help us determine who has the

Best Tasting Water in Northwest Washington.

Come join the fun!

Be part of the cheering crowd & taste for yourself!

Who can upstage the 2018 winner The [Alderwood Water and Wastewater District](#)

and take home the coveted NWWA Best Tasting Water plaque?

Appetizers and beverages are provided courtesy of:

Northwest Corrosion Engineering

Register Now!

- The contest is open to any utility, municipality or water district in Snohomish, Skagit, Whatcom, Island, San Juan, Clallam or Jefferson counties that have **no state or federal regulatory violations within the last year.**
- **All entries must be submitted at the Skagit PUD No. 1 or the North County Regional Fire Station by 1:00pm local time. If you can't make the drop off time and location call Mark Semrau (360-848-2139) to arrange an alternate delivery time or location.**
- Water samples must be in Qorpack clear or brown Boston Rounds, 0.946 liter bottles or equal. **Two samples are required.** Bottles shall be washed, rinsed with the sample, then filled and capped leaving no headspace. NWWA-AWWA will provide sample bottles if you need them. Please give us a week's notice for delivery (call Mark Semrau @ 360-848-2139).
- Participants should keep the samples cold. Clearly mark your organization's name on all bottles using tags or removable tape. DO NOT use permanent marker on bottle labels. The samples must be drawn from the utility's distribution system. Samples must be drawn within 24 hours of the contest.
- At the time of the tasting, water will be approximately at room temperature. Judging will be on each of three characteristics; odor, flavor and after-taste. Awards will be given for first, second and third places.
- A panel of impartial judges (no politicians or subsection water utility employees) will do the tasting and scoring. Samples will also be offered to the audience.
- You don't need to be present to have your sample compete so come by and drop it off even if you can't stay for the fun, food, fellowship, and the beer!

First place winners will represent the Northwest Washington Subsection and advance to the PNWS Best Tasting Water Contest to be held in Vancouver, May 1st-3rd. The contest will be held on Friday May 3rd.



American Water Works Association Pacific Northwest Section

Northwest Washington Subsection

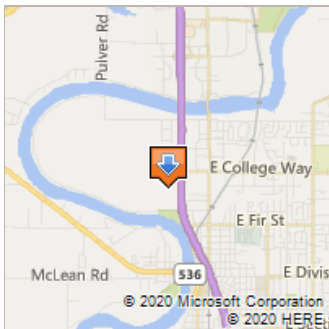
When

Thursday, March 21, 2019 from 8:00 AM to 4:00 PM
PDT

[Add to Calendar](#)

Where

Skagit County Public Utility District No. 1 Office
1415 Freeway Drive
Mount Vernon, WA 98273



[Driving Directions](#)

Contact

Jeff Lundt
Northwest Washington Subsection AWWA
2064775582
jeff.lundt@kingcounty.gov

2019 Asbestos Cement Pipe Work Procedures

Thursday March 21st starting at 8:00 AM

at the Skagit County PUD No. 1 in Mt Vernon, WA

A one-day presentation the WA L&I approved safe work practices for handling asbestos cement pipe. This workshop is aimed at frontline employees what need to work on AC pipe. Topics include:

- **AC Water Pipe Safe Work Practices**
- **Asbestos Regulations**
- **Personal Protection Equipment**
- **Asbestos Related Diseases**
- **AC Pipe Video**
- **Quiz**
- **Hands-on Practice with Cement Pipe**

Instructor will be:

Megan Munro - City of Everett

0.7 CEUs **(APPROVED!)**

Cost is \$95 for AWWA, WEF & PNCWA members and \$120 for non-members. If you **or your utility** are AWWA, WEF or PNCWA members you qualify for member rates. Lunch and refreshments are included. \$25 surcharge for registering after Tuesday March 12th. Registration closes Friday March 15th.

Personal Protection Equipment Required - A portion of the workshop will be outdoors working on cement pipe to practice the skills needed to handle AC pipe. Each attendee is responsible for their own PPE - hardhat, eye protection, safety shoes & works gloves. Disposable PPE (Tyvek suits, etc.) will be provided and are included in the registration fee.

[Register Now!](#)

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. The date your payment is received marks your place in the scholarship line. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2018

Emergency Preparedness Workshop, Tuesday February 26th in Bellingham

Basic Waterworks & WTP Tour Thursday March 7th in Stanwood

A Day with DOH Wednesday April 17th in Mt Vernon

Water Storage Basics, Monday April 1st in Burlington

Western Washington Short School & Trade Show, Tuesday & Wednesday June 4th & 5th, 2019 - Lynnwood Convention Center, Lynnwood, WA.

See the subsection Webpage for updates on dates and other training

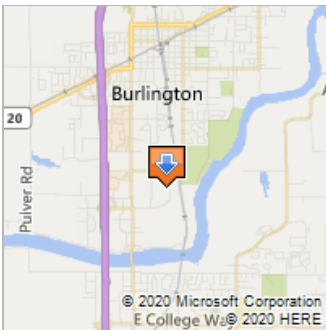
When

**Thursday, March 21, 2019 from 5:30 PM
to 8:00 PM PDT**

[Add to Calendar](#)

Where

**HB Jaeger Burlington Office
1687 Port Drive
Burlington, WA 98233**

**[Driving Directions](#)****Contact**

**Jeff Marrs
Northwest Washington Subsection
AWWA
360-428-1598
jeffm@cityofanacortes.org**

2019 Northwest Washington Subsection AWWA Meter Madness Competition

This is your opportunity to challenge your fellow water utility operators, engineers, and managers in the AWWA Meter Madness Competition. Winner of the local (subsection) competition will have the chance to go to the Section Meter Madness at the Conference in Vancouver this May. Partial funding available to attend the conference.

Registration is closed. This event has already been held.



American Water Works Association Pacific Northwest Section

Northwest Washington Subsection

When

Monday, April 1, 2019 from 8:00 AM to 4:15 PM PDT

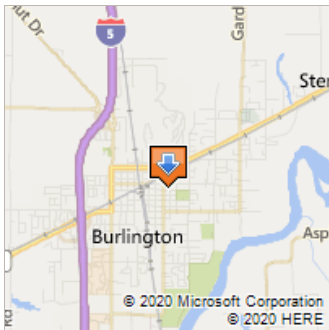
[Add to Calendar](#)

Where

Burlington Public Library Meeting Room

820 E Washington AV

Burlington, WA 98233



[Driving Directions](#)

Contact

Jeff Lundt

Northwest Washington Subsection AWWA

206-477-5582

jeff.lundt@kingcounty.gov

2019 Water Storage Basics Workshop in Burlington

Monday April 1st starting at 8:15 AM

in the Public Library Meeting Room in Burlington, WA

A one-day presentation that provides a basic understanding of potable water storage. Topics include:

- Water Storage Basics
- Soils & Seismic Considerations for Design
- Structural Considerations for Design
- Piping Connections
- Inspection of Water Storage Facilities
- Sanitary Surveys of Finished Water Storage Facilities
- Corrosion Control Methods for Water Storage Tanks
- Pressure Tanks for Potable Water Storage
- Small System Water Storage & Chemical Storage Tanks
- Large Reservoirs
- Reservoir Water Quality

Instructors will be:

Allen Fitz, P.E. - Engineer

Jeff Lundt P.E. - King County WTD

Other instructors TBD

0.7 CEUs Water CEU **APPROVED!!**

Cost is \$80 for AWWA & WEF members and \$105 for non-members. If you **or your utility** are AWWA, WEF or PNCWA members you qualify for member rates. Lunch and refreshments are included. \$20 surcharge for registering after Monday March 25th. Registration closes Friday March 29th.

Workshop starts at 8:15 AM. Doors open for coffee & sign-in at 8:00 AM.

[Register Now!](#)

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

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For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2018

**Western Washington Short School & Trade Show, Tuesday & Wednesday June 4 & 5, 2019 -
Lynnwood Convention Center, Lynnwood, WA**

A Day with DOH Wednesday April 17th in Mt Vernon

AC Pipe Workshop - Thursday March 21st in Mt Vernon

Pump Station O&M - Wednesday May 22nd in Port Townsend

Emergency Preparedness - Tuesday May 7th in Everett

See the subsection Webpage for updates on dates and other training



PNWS-AWWA
Northwest Washington

In partnership with the Whidbey Island Water System Association

When

Tuesday, April 16, 2019 from 8:00 AM to 3:45 PM PDT

[Add to Calendar](#)

Where

Coupeville Recreation Hall

901 NW Alexander St
Coupeville, WA 98239



[Driving Directions](#)

Contact

Jeff Lundt
Northwest Washington Subsection AWWA
2064775582
jeff.lundt@kingcounty.gov

2019 Basic Waterworks Workshop in Coupeville WA

Tuesday April 16th starting at 8:00 AM

at the Coupeville Recreation Hall, Coupeville WA

A one-day presentation of some of the basic elements, terminology, regulations and concepts involved in operating a water utility. This workshop is aimed at new frontline employees, office staff and others who would benefit from an understanding of the basic concepts and terminology used in the water supply industry. Topics include:

- Overview of Water Systems
- Regulations and Contaminants
- Water Sources
- Hydrology & Hydraulics
- Treatment & Disinfection
- Water Quality Monitoring
- Water Quality Protection Practices
- Construction & Maintenance
- Disaster Response

Instructors will be:

Allen Fitz - Engineer

Jeff Marrs - City of Anacortes

Jeff Lundt P.E. - King County WTD

0.6 CEUs Basic Waterworks presentation (**APPROVED!**)

Cost is \$25 for WIWSA members, \$80 for AWWA, WEF & PNCWA members and \$105 for non-members. If you, **or your utility** are WIWSA, AWWA, WEF or PNCWA members you qualify for the member rates. Lunch and refreshments are included. \$20 surcharge for registering after Monday April 8th. Registration closes Friday April 12th.

[Register Now!](#)

Cancellation Policy - If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2019

Water Storage Basics Monday April 1st, Burlington Public Library

Emergency Preparedness Tuesday May 7th, Legion Hall Everett

Pump Station Operations & Maintenance Wednesday May 22nd Port Townsend

**Western Washington Short School & Trade Show, Tuesday & Wednesday June 4th
& 5th, 2019 - Lynnwood Convention Center, Lynnwood, WA.**

See the subsection Webpage for updates on dates and other training



American Water Works Association Pacific Northwest Section Northwest Washington Subsection

Contact

Jeff Lundt
Northwest Washington Subsection PNWS-AWWA
jeff.lundt@kingcounty.gov
206-477-5582

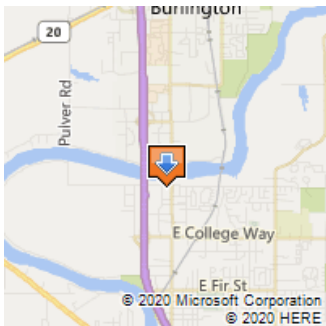
When

Wednesday, April 17, 2019 from 8:00 AM to 3:30 PM
PDT

Add to Calendar

Where

Skagit Valley Inn & Conference Center
2300 Market St
Mt Vernon, WA 98273



Driving Directions

Upcoming NWWA Events

February 28th - Emergency Preparedness, AWWD
Lynnwood, WA

Wednesday March 21st - **Best Tasting Water Contest** -
Skagit River Brewery, MT Vernon WA.

April 10th - Pump Workshop - Brightwater
Environmental Education Center, Woodinville, WA

May 23rd - Math for Operators & Fire Hydrant
Maintenance, Cotton Building, Port Townsend, WA

May 24th - Water Storage Basics. Cotton Building, Port
Townsend, WA

Tuesday & Wednesday June 5 & 6 - **Western
Washington Short School & Trade Show**, Lynnwood
Convention Center, Lynnwood WA.

2019 A Day with DOH Workshop

Wednesday April 17, 2019

Workshop starts at 8 AM PDT

(doors open at 7:45 for registration and coffee)

Skagit Valley Inn & Conference Center in MT Vernon, WA

Our previous two workshops, "A Day with DOH", were a great success and played to packed houses. The 2019 A Day with DOH Workshop is returning to the Skagit Valley Inn & Conference Center to give us lots of elbow room (and a great lunch!). This year's workshop will include new presentations and discussions. Topics covered include:

- DOH's View of the Potable Water World (i.e. Opening Remarks)
- The Revised Total Coliform Rule - Three Years Later
- Arsenic
- Sallal Vandalism Incident
- Lead & Copper Issues Update
- Introduction to Surface Water Treatment Publication
- PFAS Update
- Water Use Efficiency
- Updated DOH Design Manual
- Questions & Answers

This workshop features WSDOH speakers staff:

- Derek Pell
- Bob James
- Ingrid Salmon
- Carol Stuckey
- Dennis Mehinagic
- Brietta Carter
- Steve Hulsman
- Steve Deem
- Nancy Feagin
- Sam Perry
- **EARN CONTINUING EDUCATION UNITS! - 0.6 CEUs (pending)**

Cost is \$80 per attendee for individual or utility members of AWWA, WEF or PNCWA - \$105 after Tuesday April 9th.

\$105 per attendee for non-members - \$130 after Tuesday April 9th.

Fee includes lunch and refreshments

Small System Operators and Student Scholarships - To encourage participation from small utilities (less than 500 connections) and from college, university and technical program students, the Northwest Washington Subsection will pay workshop registration fees for 2 operators from small utilities and any student. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the utility name and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of payment sets your place in line for scholarships. First Come - First Served.

To be eligible for a student scholarship please list your institution, click "pay by check" and phone or email the contact in the upper left column for further information.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!



American Water Works Association Pacific Northwest Section

Northwest Washington Subsection

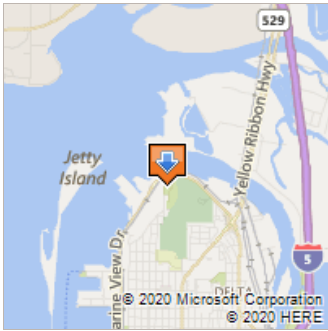
When

Tuesday, May 7, 2019 from 7:45 AM to 4:15 PM PDT

[Add to Calendar](#)

Where

Legion Hall
145 Alverson Blvd
Everett, WA 98201



[Driving Directions](#)

Contact

Jeff Lundt
Northwest Washington Subsection AWWA
206-477-5582
jeff.lundt@kingcounty.gov

2019 Emergency Preparedness Workshop - Everett

Tuesday May 7th starting at 7:45 AM

Legion Hall - Everett, WA

A one-day presentation that provides a basic understanding of emergency preparedness, and the response of water and wastewater utilities in the event of emergencies and disasters. Assessing risks, planning and preparedness will lead to utilities that function better in emergencies, work more efficiently to restore service to customers and are better able to maintain service and water quality.

Topics include:

- Water Utility Emergencies
- Emergency Case Studies
- Emergency Action Plan
- Risk & Resilience
- Incident command system
- Public Outreach During Emergencies
- Business & Operational Continuity
- Water/Wastewater Agency Response Networks (WARNs)
- Tabletop & Field Exercises, Other Training
- Personal Preparedness
- Facility Security
- Cyber Security

Instructors will be:

Tom Vane - Alderwood Water & Wastewater District

Teresa Platin, HDR Engineering

Jeff Lundt P.E. - King County WTD

Plus draft choices to be named later!

0.7 CEUs [Water & Wastewater CEU Approved](#)

Cost is \$80 for AWWA & WEF members and \$105 for non-members. If you **or your utility** are AWWA, WEF or PNCWA members **you qualify for member rates**. Lunch and refreshments are included. \$25 surcharge for registering after Monday April 29th. Registration closes Friday May 3rd.

Workshop starts at 7:45 AM. Doors open for coffee & sign-in at 7:30 AM.

[Register Now!](#)

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of your payment marks your spot in line for the limited number of scholarships. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2019

**Western Washington Short School & Trade Show, Tuesday & Wednesday June 4 & 5, 2019 -
Lynnwood Convention Center, Lynnwood, WA**

A Day with DOH, Wednesday April 17th, Skagit Confernece Center - Mt Vernon, WA

Pump Station O&M, Wednesday May 22nd, Cotton Building - Port Townsend WA

See the subsection Webpage for updates on dates and other training



American Water Works Association Pacific Northwest Section

When

Saturday, April 27, 2019 at 1:00 PM PDT

-to-

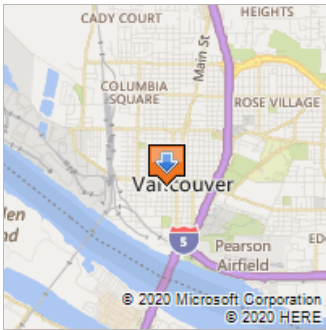
Wednesday, May 8, 2019 at 1:00 PM PDT

[Add to Calendar](#)

Where

Vancouver Convention Center

Vancouver, WA 98660



Contact

Jeff Lundt

Northwest Washington Subsection AWWA

206-477-5582

jeff.lundt@kingcounty.gov

2019 PNWS Education & Training Endowment Fund Raiser

This is the web page for donating to the PNWS Education & Training Endowment during the 2019 PNWS Conference in Vancouver WA.

Thank you for your support of the PNWS E&T Fund and scholarships for water professionals.

Bob Willis - E&T Fund Chair

Cory Baune - PNWS Scholarship Committee

[Register Now!](#)



PNWS-AWWA
Northwest Washington

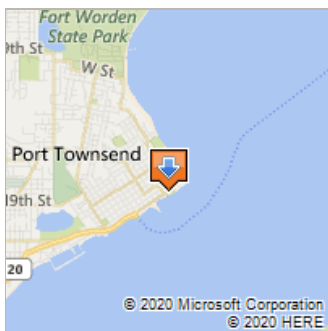
When

Wednesday, May 22, 2019 from 8:00 AM to 3:30 PM
PDT

[Add to Calendar](#)

Where

Cotton Building
607 Water Street
Port Townsend, WA 98368



[Driving Directions](#)

Contact

Jeff Lundt
Northwest Washington Subsection AWWA
206-477-5582
jeff.lundt@kingcounty.gov

Other NWWA Training Events

May 7th - Emergency Preparedness - Everett

2019 Pump Station O&M Workshop

Wednesday, May 22nd, 2019

Workshop starts at 8 AM PDT

(doors open at 7:30 for registration and coffee)

Cotton Building - Port Townsend, WA

The Pump Workshop is another Training-In-A-Box presentation from PNWS-AWWA and will include the following topics relevant to water and wastewater:

- Pump Station Design & Pump Curves
- Emergency Generator Exercising
- Valve Exercising
- Pump Control & Telemetry
- Vibration Analysis
- Pump & Motor Inspection

This workshop features speakers:

Eric Schey, Tetra Tech
Ben Scrace, Whitney Equipment Company, Inc.

Other speakers to be determined

EARN CONTINUING EDUCATION UNITS! - 0.6 CEUs (Water & Wastewater)

June 4 & 5 - Western Washington Short School -
Lynnwood

September 26th - Water Treatment - Lynnwood

October - Groundwater Basics - TBD

CEUs approved)

Cost is \$85 per attendee for individual or utility members of AWWA, WEF or PNCWA - \$110 after Monday, May 13th

\$110 per attendee for non-members of AWWA or WEF - \$130 after Monday May 13th

[Registration closes on Friday May 16th](#)

Fee includes lunch and refreshments

Small System Operators and Student Scholarships - To encourage participation from small utilities (less than 500 connections) and from college, university and technical program students, the Northwest Washington Subsection will pay workshop registration fees for 2 operators from small utilities and any student. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the number of connections for your utility. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of payment marks your place in line! First Come - First Served.

To be eligible for a student scholarship please list your institution, click "pay by check" and phone or email the contact in the upper left column for further information.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt at 206/477-5582 for a work-around.

Register Now!

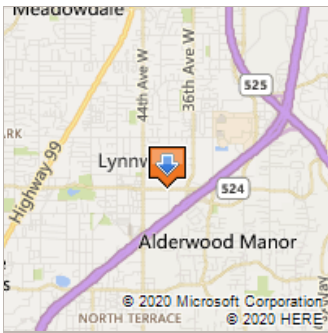
**When**

Tuesday, June 4, 2019 from 3:30 PM to 6:00 PM PDT

[Add to Calendar](#)

Where

The Rock, Lynnwood
4010 196th St SW
Lynnwood, WA 98036



[Driving Directions](#)

Contact

Kenny Packard
Northwest Washington Subsection AWWA
(425) 615-8114
kenneth.packard@hdrinc.com

Northwest Washington Young Professionals Networking Event

Come join us for free drinks, food, raffle and networking at the The Rock Pizza in Lynnwood following the first day of the Western Washington Short School! Students, Young Professionals, and Seasoned Professionals are all welcome to attend.

Registration is closed. This event has already been held.

**Contact**

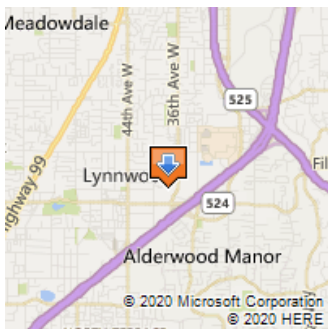
Jeff Lundt
 Northwest Washington Subsection PNWS-AWWA &
 Western Washington Region PNCWA
 jeff.lundt@kingcounty.gov
 206-477-5582

When

Tuesday, June 4, 2019 at 8:00 AM PDT
 -to-
 Wednesday, June 5, 2019 at 4:00 PM PDT

Add to Calendar**Where**

Lynnwood Convention Center
 3711 196th ST SW
 Lynnwood, WA 98036



[Driving Directions](#)

For a 2019 Short
 School Schedule

[Click Here](#)

***Western Washington Short School & Trade Show for
 Water & Wastewater Operators, Engineers & Managers
Tuesday & Wednesday June 4 & 5, 2019***

Lynnwood Convention Center

Five concurrent sessions

60 hours of training available

1.2 CEUs possible for full-time attendee

***Trade show for manufacturers, local representatives and
 consultants on Wednesday***

Special Activities:

***Young Professionals Networking event - Tuesday after the Short
 school at a local pub, join your peers for some snacks and beverages
 and network with some "Seasoned" Professionals as well.***

***Job Board - Both days in the lower lobby. Postings open to all
 utilities.***

***Washington Retired Public Employees Council - Retirement
 information***

***DOE & DOH Representatives on site for your questions about
 certification and other topics***

Short School Presentation Topics include:

- Water Treatment, Disinfection & Distribution
- Wastewater Conveyance, Treatment
- Biosolids
- Asset Management
- Industrial Wastewater Monitoring & Permitting
- Water Chemistry

- Metering, Water Use
- Sampling & Monitoring
- Operations & Maintenance
- Corrosion Protection
- Odor Control
-

Download a current schedule using the link on the left.

**EARN CONTINUING EDUCATION UNITS! - 1.2 CEUs for full time participants.
CEUs under review by WCS & DOE**

2018 is the end of the CEU cycle! Don't delay fulfilling your requirements!

AWWA, WEF or PNCWA Member Price:

\$220 for 2-day registration (\$250 after Tuesday May 21st)

\$130 for single day registration (\$160 after Tuesday May 21st)

Non-Member Price:

\$275 for 2-day registration (\$305 after Tuesday May 21st)

\$170 for single day registration (\$190 after Tuesday May 1st)

Registration closes Tuesday May 28th!

Lunch and break refreshments included

Small Utility Scholarships - To encourage participation from small utilities (less than 500 connections) workshop registration fees will be waived for 3 operators from small utilities. Full registration and payment is required to secure your place in line (remember to fill in the box on the registration form for the number of connections). If you are one of the first three to apply, your registration fees will be refunded. Contact Jeff Lundt to apply or for more information at jeff.lundt@kingcounty.gov.

Student Scholarships - To encourage participation from students at colleges and community colleges who are looking to enter the water and wastewater fields, workshop registration fees will be waived. Contact Jeff Lundt to apply or for more information at jeff.lundt@kingcounty.gov.

Lodging - If you are coming from out of town and need lodging, let us know and we will send a map of the local hotels, many within easy walking distance of the Lynnwood Convention Center.

Payment - Payment by credit card or mailed-in check is accepted. Credit card payment uses the PayPal service but a PayPal account is not required.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!

Cancellation Policy - If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute, contact Jeff Lundt at least one week before the event for a refund (minus a \$20 processing fee). Refunds after that time will not be given.



American Water Works Association
Pacific Northwest Section
Northwest Washington Subsection

Contact

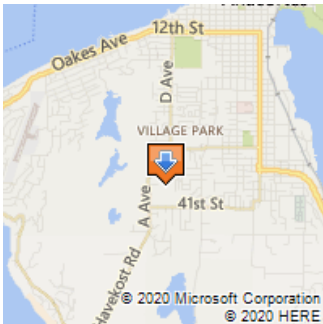
Jeff Marrs
Northwest Washington Subsection PNWS-AWWA
jeffm@cityofanacortes.org
360-428-1598

When

Wednesday, June 12, 2019 from 8:30 AM to 12:00 PM
PDT

Add to Calendar**Where**

City of Anacortes Public Works Operations Facility
2201 37th Street
Anacortes, WA 98221



[Driving Directions](#)

Chlorine Residual Testing and Lab Skills Workshop

Wednesday June 12, 2019

Workshop starts at 8:30 AM PDT

(doors open at 8:00 for registration and coffee)

**City of Anacortes Public Works Operations Facility
2201 37th Street, Anacortes WA 98221**

Attend this 3.5 hour workshop for chlorine residual testing. This class will provide drinking water operators with a better understanding of good lab skills and chlorine measurement techniques and why they matter.

It will provide operators with hands on skills to answer the questions:

- How do I know my instrument is working?
- How do I know that the residual that I measure is real?
- How good is my technique?

Class size is limited to 20 students. The goal is to increase water data accuracy and consistency.

This is a hands on class with five separate activities - attendees should bring chlorine test kits and all supplies needed to measure chlorine residual, including extra batteries for your instrument.

This training is being taught by Office of Drinking Water staff to provide increased training as recommended by the Disinfection Data Integrity Project (2015). The Yearlong study investigated disinfection measurement, recording, and reporting practices in 33 water treatment plants located in the northwest region of Washington State. Deficiencies were identified in all 33 treatment facilities that affect the accuracy of the calculated pathogen inactivation achieved by the disinfection processes. Pathogen inactivation level errors of over 100% were identified when more accurate data was used.

This study highlighted challenges involved with ensuring accurate water quality measurements.

EARN CONTINUING EDUCATION UNITS! - 0.3 CEUs

_Cost is \$50 per attendee for individual or utility members of AWWA, WEF or PNCWA

\$80 per attendee for non-members

Fee includes coffee and refreshments

Small System Operators and Student Scholarships - To encourage participation from small utilities (less than 500 connections) and from college, university and technical program students, the Northwest Washington Subsection will pay workshop registration fees for 2 operators from small utilities and any student. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the utility name and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. Receipt of payment sets your place in line for scholarships. First Come - First Served.

To be eligible for a student scholarship please list your institution, click "pay by check" and phone or email the contact in the upper left column for further information.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!



American Water Works Association **Pacific Northwest** Section Northwest Washington Subsection

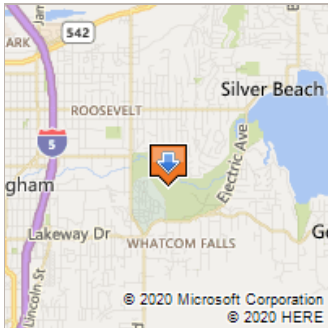
When

Wednesday, July 31, 2019 from 2:00 PM to 6:00 PM
PDT

[Add to Calendar](#)

Where

Whatcom Falls Water Treatment Plant
3201 Arbor Court
Bellingham, WA 98229



Driving Directions

Contact

Kenny Packard
Northwest Washington Subsection AWWA
425-615-8114
kenneth.packard@hdrinc.com

Whatcom Falls Water Treatment Plant - YP Tour

Join us on Wednesday, July 31st for a tour of Bellingham's Whatcom Falls Water Treatment Plant. The plant was recently upgraded to include dissolved air floatation for pretreatment and on-site hypochlorite generation for disinfection. Hard hats required. The tour will be followed by a networking event at Boundary Bay Brewing, all ages welcome.

Registration is closed. This event has already been held.

**Contact**

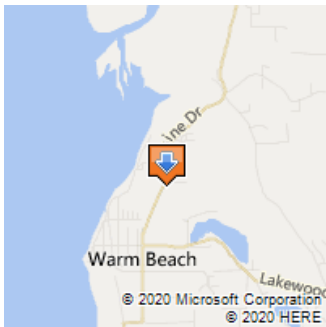
Jeff Lundt
Northwest Washington Subsection PNWS-AWWA
jeff.lundt@kingcounty.gov
206-477-5582

When

Thursday, September 19, 2019 from 8:30 AM to 4:00 PM PDT

Add to Calendar**Where**

North County Fire / EMS - Fire Station #97
19727 Marine View Drive
Stanwood, WA 98292



[Driving Directions](#)

Other NWWA Treating Events:

Water Treatment Workshop - Nov. 21 - Lynwood
Chlorine Residual Testing - Oct. 1st - Friday Harbor
Emergency Preparedness - Oct. 25th - Coupeville
Groundwater Basics - October 16th - Mt Vernon
Water Storage Basics - Oct. 29th - PT Angeles
Water Loss Control - Nov. 6th - Location TBD
Chlorine Residual Testing - Nov. 13th - Woodinville

Chlorine Residual Testing and Lab Skills Workshop

Thursday September 19th, 2019

In Warm Beach (Stanwood)

TWO (2) SESSIONS, MORNING OR AFTERNOON

Morning Workshop starts at 8:30 AM PDT

Afternoon Workshop starts at 1:00 PM PDT

The morning session is now full. Please register for the afternoon workshop

(doors open at 8:00 for morning registration and coffee and 12:30 for afternoon registration and sodas)

**North County Fire / EMS - Fire Station #97
19727 Marine View Drive, WA 98292**

Attend these 3.5 hour workshops for chlorine residual testing. Each class will provide drinking water operators with a better understanding of good lab skills and chlorine measurement techniques and why they matter.

It will provide operators with hands on skills to answer the questions:

- How do I know my instrument is working?
- How do I know that the residual that I measure is real?
- How good is my technique?

Class size is limited to 20 students. The goal of the workshop is to increase water data accuracy and consistency.

This is a hands on class with five separate activities - attendees must bring a chlorine test kit and all supplies needed to measure chlorine residual, including extra batteries for your instrument. Bring your standards if you

have them for comparison.

This training is being taught by Office of Drinking Water staff to provide increased training as recommended by the Disinfection Data Integrity Project (2015). The Yearlong study investigated disinfection measurement, recording, and reporting practices in 33 water treatment plants located in the northwest region of Washington State. Deficiencies were identified in all 33 treatment facilities that affect the accuracy of the calculated pathogen inactivation achieved by the disinfection processes. Pathogen inactivation level errors of over 100% were identified when more accurate data was used.

This study highlighted challenges involved with ensuring accurate water quality measurements.

EARN CONTINUING EDUCATION UNITS! - 0.3 CEUs

Cost is \$50 per attendee for individual or utility members of AWWA, WEF or PNCWA

\$75 per attendee for non-members

\$20 surcharge for registrations after Monday September 9th. Registration closed after Monday September 16th

Fee includes coffee/sodas and refreshments

Small System Operators - To encourage participation from small utilities (less than 500 connections) the Northwest Washington Subsection will pay workshop registration fees for 1 **AWWA member operator** from small utilities for each session. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the utility name and number of connections. If your registration is the first one received, your registration fee will be refunded following completion of the workshop. Receipt of payment sets your place in line for scholarships. First Come - First Served.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!



American Water Works Association Pacific Northwest Section

Northwest Washington Subsection

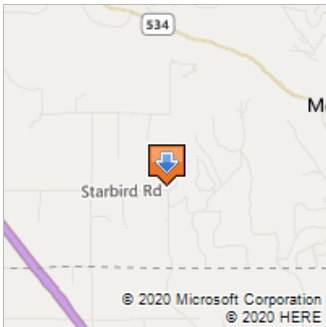
When

Friday, September 20, 2019 from 6:30 PM to 9:30 PM
PDT

[Add to Calendar](#)

Where

Bertelsen Winery
25098 Starbird Road
Mount Vernon, WA 98274



[Driving Directions](#)

Contact

Bridget August

- GeoEngineers, Inc.
- Northwest Washington Subsection AWWA Past President
- PNWS AWWA Subsection Water For People Committee Liaison

425-861-6101

baugust@geoengineers.com

Northwest Washington Subsection PNWS-AWWA Beer & Wine For Water

*The Northwest Washington Subsection of the Pacific Northwest Section - American Water Works Association invites you to our **8th Annual** fundraising event benefiting **Water For People**. The evening will include beer, wine, food, music, a silent auction and networking.*

Join us for this fun event at Bertelsen Winery in Mount Vernon. Located in the Puget Sound appellation, Bertelsen Winery bottles premium wines from grapes found in five of Washington's American viticulture regions. Our Skagit Valley vineyard produces Pinot Noir, Pinot Gris, and Madeleine Angevine grapes.

Water For People is a non-profit organization that helps support the development of locally sustainable drinking water resources, sanitation facilities, and hygiene education programs in developing countries. Sustainability and community ownership are the hallmarks of Water For People's programs in Africa, Central and South America, and Asia. The funds raised at this event will help Water For People to use water as a catalyst for change by helping people in the developing world address their own basic water and sanitation needs.

You may register for this event by clicking on the "**Register Now!**" link below. **The cost is \$45.00 per person.** This includes **two** wine or beer tickets and access to delicious food, music, and the silent auction. This year the food will be catered by Bill and Teddy Beckman.

EVENT SPONSORSHIP

This event is accepting corporate sponsorships. Event sponsorship must be paid via this registration process. The levels of sponsorship are described below.

Cabernet (\$750): Verbal and visual recognition at the event, and 4 event tickets.

Merlot (\$500): Verbal and visual recognition at the event, and 2 event tickets.

Chardonnay (\$250): Verbal and visual recognition at the event, and 1 event ticket.

SILENT AUCTION



WE ARE NOW ACCEPTING AUCTION DONATIONS!

Contact Bridget August for more information.

Thank you for your support of Water for People. We look forward to seeing you at Bertlesen Winery! If you have any questions related to sponsorship or donations, please contact Bridget August at 425-861-6101 or email her at baugust@geoengineers.com.

Register Now!

**2019 NWWA Subsection AWWA Beer & Wine For
Water Benefiting Water For People**

**Contact**

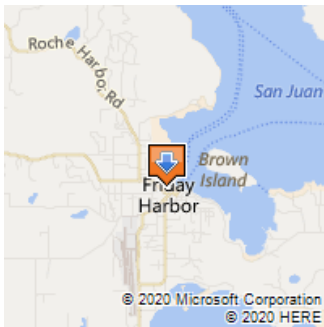
Jeff Lundt
Northwest Washington Subsection PNWS-AWWA
jeff.lundt@kingcounty.gov
206-477-5582

When

Tuesday, October 1, 2019 from 8:30 AM to 4:00 PM
PDT

Add to Calendar**Where**

Town of Friday Harbor Old Fire Station
260 West Street
Friday Harbor, WA 98250

**Driving Directions**

Chlorine Residual Testing and Lab Skills Workshop

Tuesday October 1st, 2019

TWO (2) SESSIONS, MORNING OR AFTERNOON

Morning Workshop starts at 8:30 AM PDT

Afternoon Workshop starts at 12:30 PM PDT

3 spaces are open for the morning session The afternoon session is at capacity!

(doors open at 8:00 for morning registration and coffee and noon for afternoon registration and sodas)

**Town of Friday Harbor Old Fire Station
260 West ST Friday Harbor, WA 98250**

Attend these 3.5 hour workshops for chlorine residual testing. Each class will provide drinking water operators with a better understanding of good lab skills and chlorine measurement techniques and why they matter.

It will provide operators with hands on skills to answer the questions:

- How do I know my instrument is working?
- How do I know that the residual that I measure is real?
- How good is my technique?

Class size is limited to 20 students. The goal of the workshop is to increase water data accuracy and consistency.

This is a hands on class with five separate activities - attendees must bring a chlorine test kit and all supplies needed to measure chlorine residual, including extra batteries for your instrument. Bring your standards if you have them for comparison.

This training is being taught by Office of Drinking Water staff to provide increased

training as recommended by the Disinfection Data Integrity Project (2015). The Yearlong study investigated disinfection measurement, recording, and reporting practices in 33 water treatment plants located in the northwest region of Washington State. Deficiencies were identified in all 33 treatment facilities that affect the accuracy of the calculated pathogen inactivation achieved by the disinfection processes. Pathogen inactivation level errors of over 100% were identified when more accurate data was used.

This study highlighted challenges involved with ensuring accurate water quality measurements.

DOH speakers will be Jolyn Leslie & Steve Deem

EARN CONTINUING EDUCATION UNITS! - 0.3 CEUs

Cost is \$50 per attendee for individual or utility members of AWWA, WEF or PNCWA

\$75 per attendee for non-members

\$20 surcharge for registrations after Monday September 23th.

Fee includes coffee/sodas and refreshments

Small System Operators - To encourage participation from small utilities (less than 500 connections) the Northwest Washington Subsection will pay workshop registration fees for 1 **AWWA member operator** from small utilities for each session. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the utility name and number of connections. If your registration is the first one received, your registration fee will be refunded following completion of the workshop. Receipt of payment sets your place in line for scholarships. First Come - First Served.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!



American Water Works Association
Pacific Northwest Section
Northwest Washington Subsection



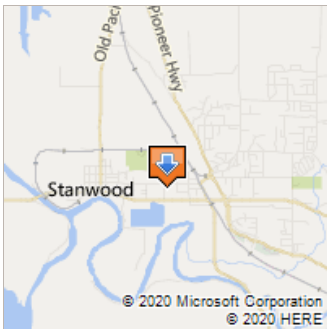
When

Tuesday, October 15, 2019 from 8:30 AM to 12:00 PM
PDT

[Add to Calendar](#)

Where

Snohomish County PUD Stanwood Office
9124 - 271st ST NW
Stanwood, WA 98292



[Driving Directions](#)

Contact

Carl Garrison
Northwest Washington Subsection AWWA
360-707-5656

Asset Management Training Workshop

Asset Management is a fundamental approach to utility O&M aimed at prolonging the life of important infrastructure components and improving the reliability and sustainability of water system infrastructure.

Please join us for this FREE workshop training event. This program will training and tools that help address the technical, managerial and financial support required to support a small water system.

Presenters include:

- Carl Garrison, Coffman Engineers
- Dan Banier, RCAC
- Steve Palmer, RCAC
- Karen Klocke, WSDOH

DWSRF loan bonus points for attending

0.3 CEUs available (pending approval)

[Bring a laptop computer to use in the workshop. An asset management spreadsheet will be provided and practice using the form is part of the workshop.](#)

Sponsors of this event include the Northwest Washington Subsection PNWS-AWWA and Coffman Engineers. Coffman Engineers assists homeowner associations and utilities with all aspects of planning and design of water and wastewater system improvements.

[Register Now!](#)



American Water Works Association
Pacific Northwest Section
 Northwest Washington Subsection

Contact

Jeff Lundt
 Northwest Washington Subsection PNWS-AWWA
jeff.lundt@kingcounty.gov
 206-477-5582

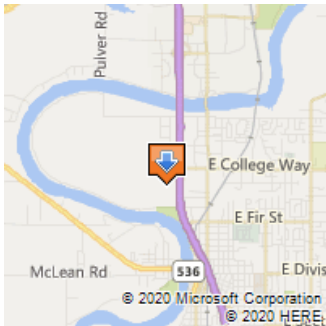
When

Wednesday, October 16, 2019 from 8:00 AM to 3:45 PM
 PDT

Add to Calendar

Where

Skagit County PUD
 1415 Freeway Drive
 Mt Vernon, WA 98273



Driving Directions

2019 Groundwater Basics Workshop

Wednesday October 16, 2019

Workshop starts at 8 AM PDT

(doors open at 7:45 for registration and coffee)

Skagit County Public Utility District Headquarters in Mt Vernon, WA

This workshop will cover the basics of where groundwater is, how to bring it to the surface and how to treat it, and will include presentations, case studies and interactive discussions. Topics covered include:

- Groundwater - What is it and where do you find it?
- Drilling and Well Construction
- Well Pumps
- Well Maintenance
- Wellhead Protection Plans
- Groundwater Treatment
- Disinfection Alternatives
- Filtering
- Testing and Sampling
- Case Studies

This workshop features speakers:

- Bridget August - GeoEngineers
- Carl Garrison - Coffman Engineers
- Ben Ware - Coffman Engineers
- Ben Scrace - Whitney Equipment Company

EARN CONTINUING EDUCATION UNITS! - 0.6 CEUs (Water CEUs applied for)

Cost is \$70 per attendee for individual or utility members of AWWA, WEF or PNCWA - \$90 after Wednesday October 9th

\$95 per attendee for non-members of AWWA, WEF or PNCWA - \$115 after Wednesday October 9th

Fee includes lunch and refreshments

Small System Operators and Student Scholarships - To encourage participation from small utilities (less than 500 connections) and from college, university and technical program students, the Northwest Washington Subsection will pay workshop registration fees for 2 AWWA member operators from small utilities and any student. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the number of connections for your utility. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. First Come - First Served.

To be eligible for a student scholarship please list your institution, click "pay by check" and phone or email the contact in the upper left column for further information.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

Please note the registration system needs a unique email for each registration. If you do not have a work or home email to use call Jeff Lundt (206/477-5582) for a work-around.

Register Now!



PNWS-AWWA
Northwest Washington

In partnership with the Whidbey Island Water System Association

When

Friday, October 25, 2019 from 8:00 AM to 4:15 PM PDT

[Add to Calendar](#)

Where

Coupeville Recreation Hall

901 NW Alexander St

Coupeville, WA 98239



[Driving Directions](#)

Contact

Jeff Lundt

Northwest Washington Subsection AWWA

2064775582

jeff.lundt@kingcounty.gov

2019 Emergency Preparedness Workshop in Coupeville WA

Friday October 25th starting at 8:00 AM

at the Coupeville Recreation Hall, Coupeville WA

A one-day presentation that provides a basic understanding of emergency preparedness, and the response of water and wastewater utilities in the event of emergencies and disasters. Assessing risks, planning, and preparedness will lead to utilities that function better in emergencies and are better able to maintain service and water quality.

Topics include:

- Water utility emergencies
- Emergency case studies
- Emergency Action Plans
- Risk & resilience
- Incident command system
- Public outreach during emergencies
- Business and operations continuity
- Water/Wastewater Agency Response Networks (WARNs)
- Tabletop & field exercises, other training
- Facility security
- Cyber security

Instructors will be:

Allen Fitz - Engineer

Jeff Lundt P.E. - King County WTD

0.7 CEUs Basic Waterworks presentation

(Water & Wastewater CEUs APPROVED!)

Cost is \$25 for WIWSA members, \$80 for AWWA, WEF & PNCWA members and \$105 for non-members. If you, **or your utility** are WIWSA, AWWA, WEF or PNCWA members you qualify for the member rates. Lunch and refreshments are

included. \$20 surcharge for registering after Monday October 14th. Registration closes Friday October 18th.

[Register Now!](#)

Cancellation Policy - If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events for 2019

Water Storage Basics Tuesday October 29th Port Angeles

Water Treatment Thursday November 21st Lynnwood

Groundwater Basics Wednesday October 16th Mt Vernon

Water Loss Control Wednesday November 6th Mt Vernon

Chlorine Residual Testing Wednesday November 13th Woodinville

Western Washington Short School & Trade Show, Tuesday & Wednesday June 2nd & 3rd, 2020 - Lynnwood Convention Center, Lynnwood, WA.

See the subsection Webpage for updates on dates and other training



American Water Works Association Pacific Northwest Section Northwest Washington Subsection

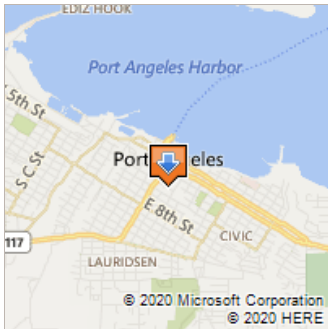
When

Tuesday, October 29, 2019 from 8:00 AM to 4:00 PM
PDT

[Add to Calendar](#)

Where

Vern Burton Community Center
308 E 4th ST
Port Angeles, WA 98362



[Driving Directions](#)

Contact

Jeff Lundt
Northwest Washington Subsection AWWA
206-477-5582
jeff.lundt@kingcounty.gov

2019 Water Storage Basics Workshop in Port Angeles

Tuesday October 29th starting at 8:00 AM

in the Vern Burton Community Center in Port
Angeles, WA

A one-day presentation that provides a basic understanding of potable water storage. Topics include:

- Water Storage Basics
- Soils & Seismic Considerations for Design
- Structural Considerations for Design
- Piping Connections
- Inspection of Water Storage Facilities
- Sanitary Surveys of Finished Water Storage Facilities
- Corrosion Control Methods for Water Storage Tanks
- Pressure Tanks for Potable Water Storage
- Small System Water Storage & Chemical Storage Tanks
- Large Reservoirs
- Reservoir Water Quality

Instructors will be:

Allen Fitz, P.E. - Engineer

Jeff Lundt P.E. - King County WTD

0.7 CEUs Water CEU **APPROVED!!**

Cost is \$80 for AWWA & WEF members and \$105 for non-members. If you **or your utility** are AWWA, WEF or PNCWA members you qualify for member rates. Lunch and refreshments are included.

Workshop starts at 8:00 AM. Doors open for coffee & sign-in at 7:30 AM.

Register Now!

Scholarships for small utilities and students - To encourage participation from small utilities (<500 connections) two scholarships for small system operators (who are AWWA members) are available. To receive the small system scholarship, please register and pay the registration fee. Indicate on the form the name of your utility and number of connections. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. First Come - First Served.

To encourage students attending college, university and technical programs that are majoring in a water related field, scholarships will be made available to all student attendees. To be eligible for a student scholarship please name your institution, click "Pay by check" and phone or email Jeff Lundt (contact information in the left column).

Cancellation Policy - *If a registrant is unable to attend the workshop and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update the information. If unable to attend or send a substitute contact the above at least one week before the workshop for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be given.

Please note that the on-line registration system requires a unique email address for each registrant. If you do not have a work or home email call Jeff Lundt (206/477-5582) for a work-around.

For more information contact us at the email or phone shown on the left.

Thanks for your time and attention.

Other NWWA Training Events

**Western Washington Short School & Trade Show, Tuesday & Wednesday June 2 & 3, 2020 -
Lynnwood Convention Center, Lynnwood, WA
Water Loss Control November 6th in Mt Vernon**

Chlorine Residual Testing November 13th in Woodinville (Brightwater Environmental Education Center)

Water Treatment November 21st in Lynnwood (AWWD)

See the subsection Webpage for updates on dates and other training



American Water Works Association
Pacific Northwest Section
Northwest Washington Subsection

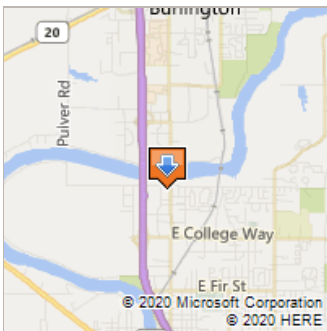
When

Wednesday, November 6, 2019 from 8:00 AM to
3:30 PM PST

[Add to Calendar](#)

Where

Skagit Valley Inn & Conference Center
2300 Market St
Mt Vernon, WA 98273



[Driving Directions](#)

Contact

Jeff Lundt

Northwest Washington Subsection PNWS-AWWA
2064775582
jeff.lundt@kingcounty.gov

WATER LOSS CONTROL TRAINING WORKSHOP

How much water is your utility loosing to:

Leakage?

Customer meter error?

Water theft?

This full-day technical training workshop will provide instruction on the AWWA M36 Water Audits and LossControl methodology and free software. You will learn the methods and technologies to economically control water and revenue losses by managing leakage and pressure.

While not required, it is recommended that participants bring a laptop computer with the **FREE** AWWA Water Loss Software.

The program will be presented by Steve Cavanugh, P.E. from Cavanugh Solutions and a nationally recognized leader in the field of water loss and revenue recovery.

Lunch and refreshments are provided.

0.6 CEUs!

Registration fee is \$80 or AWWA, WEF & PNCWA members and \$105 for non-members. No late registration surcharge for this event!.

There will be two small system scholarships for members from utilities with less than 500 connections. First come, first served.

[Register Now!](#)

**Contact**

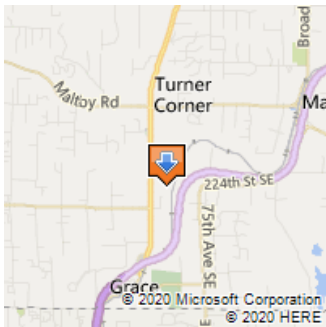
Jeff Lundt
Washington WARN
jeff.lundt@kingcounty.gov
2064775582

When

Wednesday, November 13, 2019 from 8:30 AM to 4:30 PM PST

Add to Calendar**Where**

Brightwater Environmental Education Center
22505 State Route 9 SE
Woodinville, WA 98072

**Driving Directions****Other NWWA Treating Events:**

Water Treatment Workshop - Nov. 21 - Lynwood
Chlorine Residual Testing - Oct. 1st - Friday Harbor
Emergency Preparedness - Oct. 25th - Coupeville
Groundwater Basics - October 16th - Mt Vernon
Water Storage Basics - Oct. 29th - PT Angeles
Water Loss Control - Nov. 6th - Mt Vernon

Chlorine Residual Testing and Lab Skills Workshop

Wednesday November 13th, 2019

Brightwater Environmental Education Center,
Woodinville WA

TWO (2) SESSIONS, MORNING OR AFTERNOON

Morning Workshop starts at 8:30 AM PDT

Afternoon Workshop starts at 1:00 PM PDT

(doors open at 8:00 for morning registration and coffee and 12:30 for afternoon registration and sodas.

Both Water & Wastewater CEUs available!!

Attend these 3.5 hour workshops for chlorine residual testing. Each class will provide drinking water operators with a better understanding of good lab skills and chlorine measurement techniques and why they matter.

It will provide operators with hands on skills to answer the questions:

- How do I know my instrument is working?
- How do I know that the residual that I measure is real?
- How good is my technique?

Class size is limited to 20 students. The goal of the workshop is to increase water data accuracy and consistency.

This is a hands on class with five separate activities - attendees must bring a chlorine test kit, and all supplies needed to measure chlorine residual, including extra batteries for your instrument. Bring your standards if you have them for comparison. Also remember a calculator (a smart phone calculator is fine).

This training is being taught by Office of Drinking Water staff to provide increased

training as recommended by the Disinfection Data Integrity Project (2015). The Yearlong study investigated disinfection measurement, recording, and reporting practices in 33 water treatment plants located in the northwest region of Washington State. Deficiencies were identified in all 33 treatment facilities that affect the accuracy of the calculated pathogen inactivation achieved by the disinfection processes. Pathogen inactivation level errors of over 100% were identified when more accurate data was used.

This study highlighted challenges involved with ensuring accurate water quality measurements.

EARN CONTINUING EDUCATION UNITS! - 0.3 CEUs - Water & WW

Cost is \$50 per attendee for individual or utility members of AWWA, WEF or PNCWA

\$75 per attendee for non-members

\$20 surcharge for registrations after Monday November 4th. Registration closed after Friday November 11th

Fee includes coffee/sodas and refreshments

Small System Operators - To encourage participation from small utilities (less than 500 connections) the Northwest Washington Subsection will pay workshop registration fees for 1 **AWWA member operator** from small utilities for each session. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the utility name and number of connections. If your registration is the first one received, your registration fee will be refunded following completion of the workshop. Receipt of payment sets your place in line for scholarships. First Come - First Served.

Cancellation Policy - *If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.*

If the workshop is cancelled due to lack of registration or another reason, full refunds will be provided.

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Register Now!



American Water Works Association
Pacific Northwest Section
 Northwest Washington Subsection

Contact

Jeff Lundt
 Northwest Washington Subsection PNWS-AWWA
jeff.lundt@kingcounty.gov
 206-477-5582

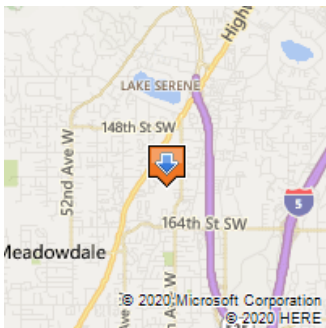
When

Thursday, November 21, 2019 from 8:00 AM to 3:30 PM
 PST

Add to Calendar

Where

Alderwood Water & Wastewater District Board Room
 3626 - 156th ST SW
 Lynnwood, WA 98087



Driving Directions

2019 Water Treatment Workshop

Thursday November 21, 2019

Workshop starts at 8 AM PDT

(doors open at 7:45 for registration and coffee)

Alderwood Water & Wastewater District Headquarters

The Water Treatment Workshop will include presentations and demonstrations.
 Topics covered in the morning presentations include:

- Under development

This workshop features speakers:

- Kenny Packard - HDR
- David Prinzhorn - Coffman Engineers
- Jeff Marrs - City of Anacortes
-

EARN CONTINUING EDUCATION UNITS! - 0.6 CEUs (Water CEUs approved)

Cost is \$70 per attendee for individual or utility members of AWWA, WEF or PNCWA - \$90 after Tuesday November 12th

\$95 per attendee for non-members of AWWA, WEF or PNCWA - \$115 after Tuesday November 12th

Registration closes on Monday November 18th.

Fee includes lunch and refreshments

Small System Operators and Student Scholarships - To encourage participation from small utilities (less than 500 connections) and from college, university and technical program students, the Northwest Washington Subsection will pay workshop registration fees for 2 AWWA member operators from small utilities and any student. To be eligible for a small systems scholarship please register and pay for the workshop and on the registration form indicate the number of connections for your utility. If your registration is one of the first two received, your registration fee will be refunded following completion of the workshop. First Come - First Served.

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Cancellation Policy - If a registrant is unable to attend the event and a substitute within the organization can attend, please contact Jeff Lundt at jeff.lundt@kingcounty.gov to update information. If unable to attend or send a substitute contact the above at least one week before the event for a refund (minus a \$10 processing fee). Refunds after that time will not be given.

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Register Now!



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

3. 2020 Proposed schedule of meetings and events



2020 NW Washington Subsection Board Meetings

Scheduled 2020 Board Meetings: 2nd Thursday of each month, unless designated by an *.

Date	Time	Location	Address
1/9/20	10:00 AM	Silver Lake W&SD	15205 41st Ave SE, Bothell, WA 98012
2/13/20	10:00 AM	Lake Whatcom WSD	1220 Lakeway Dr, Bellingham, WA 98229
3-11-20*	10:00 AM	Skagit PUD	1415 Freeway Dr., Mt Vernon, WA 98273
4/9/20	10:00 AM	Olympic View W&SD	8128 228th Street SW Edmonds, WA 98026
5-13-20**	4:00 pm	Alderwood W&WD	3626 156 th St SW, Lynwood, WA98087
6-03-20***	5:00 pm	Lynwood Convention Cntr.	3711 196th St SW, Lynnwood, WA 9803
7/9/20	N/A	No Meeting	Enjoy Your Summer
8/13/20	4:00 pm	Bill & Teddy's	8433 319th ST NW, Stanwood, WA 98292
9/10/20	11:00 AM	City of Ferndale WTP	5404 Ferndale Rd, Ferndale WA 98246
10/8/20	10:00 AM	City of Arlington WD	156 West Cox, Arlington, WA 98225
11/12/20	10:00 AM	Everett Public Works	3200 Cedar St, Everett, WA 98201
12/10/20	5:00 PM	TBD	TBD

* March board meeting will follow Distribution Workshop & before Best Tasting Water/Meter Madness

** May board meeting will follow Water Treatment on Wednesday 5/13

*** June board meeting will follow Western WA Short School Wednesday 6/3



2020 NW Washington Subsection Proposed Workshop & Events

	Date	Location	Topic
1	1/23/20	Mikilteo	Chlorine Residual Testing
2	2/14/20	Brightwater Ed Cntr	Emergency Preparedness
3	2/21/20	Anacortes	Math for Operators & P&ID
4	3/3/20	Bellingham Tech College	Chlorine Residual Testing
5	3/11/20	Skagit PUD	Water Distribution
6 *	3/25-26/20	TBD - S. Snohomish Cnty	Basic Waterworks
7	5/13/20	Alderwood WWD	Water Treatment
8	5/19/20	Port Townsend	Chlorine Residual Testing
9	6/2-3/20	Lynwood Conv. Cntr	Western WA Short School
10	10/9/20	Oak Harbor WWTP	Chlorine Residual Testing
11	10/24/20	Anacortes	Customer Service
12	10/7/20	Anacortes	RO Workshop
13 *	TBD	TBD	Water Storage Basics
14 *	Apr	S. Snohomish Cnty	WIWSA Program TBD
15 *	Fall	S (Brightwater Or N (Bellingham)	Pump Station O&M
16 *	Fall	South	Construction Inspection
17	10/20/20	Forks	Chlorine Residual Testing
18	10/21/20	Port Angeles	Chlorine Residual Testing
19 *	Nov	Silverlake WD	Chlorine Residual Testing
20 *	Oct	Couville	WIWSA Groundwater Basics
21 *	Apr/May	Brightwater Ed Cntr	Chemical Feed & Storage
22 *	Spring	Whatcom Cnty	Groundwater Basics
23 *	Fall	Friday Harbor	Groundwater Basics



GOALS 2020

Primary Focus is Training

- Provide cost-effective continuing education unit credits (CEUs) through training workshops for water utility managers, engineers and operators in Northwest Washington and the Pacific Northwest. When possible, include topics and advertise to wastewater utility professionals, such as asset management;
- Provide safety related training including classes for which CEUs are not granted but are important to water and wastewater utility operators, such as asbestos cement pipe handling;
- Continue to hold subsection board meetings at new utilities to foster involvement and to gather input for future workshops and events and to assess other utility needs;
- Continue to look for opportunities to partner with PNWS committees, neighboring subsections, AWWA Sections and allied organizations (PNCWA, NWMOA, WASWD, BC AWWA Section etc.);
- Continue to take the lead in developing more “training-in-a-box” curricula and train instructors so these trainings.

Giving – Support the Pacific NW and Abroad

- Reach out to young professionals and students through email campaigns and special activities (field trips, networking events, etc.);
- Identify and participate in career fairs to help promote careers in the water utility industry;
- Continue supporting Water for People via the Annual Water for Life Reception, held in the Puget Sound area, and the PNWS Conference silent auction;
- Continue supporting the PNWS scholarship and E&T funds;
- Hold annual Best Tasting Water Contest for subsection utilities and financially support the winning utility to attend the PNWS Conference;
- Restructure Wine & Beer for Water Event fundraiser for Water for People due to limited turnout growth. Potential for an alternate year event.
- Hold our forth Meter Madness Competition and financially support the winner to attend the PNWS Conference;
- Promote the Top-Ops and Hydrant Hysteria competitions to the operators in the subsection and financially support teams when they are formed;
- Continue supporting the YP Summit;
- Supporting the One Water operator scholarship in 2018 and look for ways to continue that support in the future;
- Identify new benevolences within the NWWA subsection boundaries (e.g. community college scholarship, Engineering Corps, etc.).



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

5. Copy of signature card form the bank/financial institution with signatures (listing the PNWS Executive Director as a signee)



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

**6. Affiliation Agreement signed by the
Subsection President/Chair**



AWWA and the Section

Reasons an Affiliation Agreement is needed:

- Protect the Associations' intellectual property including logos, emblems, names, free publications and other proprietary material. In this litigious society if you don't protect your brands you can lose them. An example, Bayer aspirin did not protect the name aspirin and it is now used worldwide by many companies.
- By having this agreement the Association can continue to indemnify all eligible persons of the section, such as directors and officers with liability insurance as cost effectively as possible.
- The Associations' not-for-profit status is critical to our organization surviving. As such the need was there to ensure that everyone understood that all activities conducted by the Sections must meet with AWWA's stated mission of uniting the water community to protect public health and to provide safe and sufficient water for all. Through collective leadership, AWWA advances technology, education, science, management, and government policies. Anything outside of this mission is not allowed.

Section Penalties for Affiliation Agreement Violations:

1. If the Section violates this agreement to Association may start a disciplinary proceeding that could include financial penalties or ultimately dissolution of the Section.

I understand the importance of the American Water Works Associations' Affiliation Agreement and why it was needed. Furthermore, I understand that by violating this agreement I place the Pacific Northwest Section in jeopardy of financial penalties or possible dissolution. If I have any questions or concerns regarding my Committee or Subsection activities I will contact the Section office for clarification.

Benjamin Scrace

Name

President

Title

NW Washington

Committee or Subsection

2/11/2020

Date



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

7. Conflict of Interest Statement signed by each subsection officer (including Directors)



POLICY ON CONFLICTS OF INTEREST AND DISCLOSURE OF CERTAIN INTERESTS

This conflict of interest policy is designed to help directors, officers, employees and members ("Responsible Persons") of the Pacific Northwest Section of the American Water Works Association (PNWS) identify situations that present potential conflicts of interest and to provide the Section with a procedure which, if observed, will allow a transaction to be treated as valid and binding even though a Responsible Person has or may have a conflict of interest with respect to the transaction.

DEFINITIONS

Conflict of Interest. For purposes of this policy, the following circumstances shall be deemed to be a Conflict of Interest:

Outside Interests

- A Contract or Transaction between the PNWS and a Responsible Person or a Family Member of a Responsible Person.
- A Contract or Transaction between the PNWS and an entity in which a Responsible Person or a Family Member of a Responsible Person has a material interest in excess of 5% or of which such person is a director, officer, agent, partner, trustee, personal representative, guardian, custodian, or other legal representative.

Outside Activities

- A Responsible Person or a Family Member of a Responsible Person accepting gifts, entertainment, or other favors with a value in excess of \$100 from any individual or entity that:
 - (i) Does or is seeking to do business with the PNWS or
 - (ii) Is seeking to receive a loan or grant, or to secure other financial commitments or benefits from the PNWS.

Responsible Person is any person who is an officer, director, employee or member of the PNWS, including, when the context requires, a Family Member of any such person.

Family Member is a spouse, domestic partner, parent, child or spouse of a child, brother, sister, or spouse of a brother or sister of a Responsible Person.

Contract or Transaction is any agreement or relationship involving the sale or purchase of goods, services, or rights of any kind, the providing or receipt of a loan or grant, the establishment of any other type of pecuniary or financially meaningful relationship except for transactions in the ordinary course of business (a) between the PNWS and an employee of the PNWS arising from the employment relationship, such as salary, benefits or reimbursement of employment related expenses, (b) between the PNWS and a member of the PNWS arising from the membership relationship, such as payment of membership dues or the purchase of publications, exhibition space or member services, or (c) between the PNWS and its officers or directors arising out of their positions, such as the reimbursement of travel and lodging expenses in accordance with the PNWS's stated policies for such reimbursements.

PROCEDURES

- Prior to any Board or Committee action on a Contract or Transaction involving a Conflict of Interest, any Responsible Person having a Conflict of Interest who is in attendance at the meeting shall disclose all facts material to the Conflict of Interest. Such disclosure shall be reflected in the minutes of the meeting.
- If an officer or director of the PNWS is unable to attend a meeting of a Board or Committee at which he or she has reason to believe that the Board will act on a matter in which the officer or director has a Conflict of Interest, then that person shall disclose to the chair of the meeting all facts material to the Conflict of Interest. The chair shall report the disclosure at the meeting and the disclosure shall be reflected in the minutes of the meeting.
- Any Responsible Person who has a Conflict of Interest shall not participate in or be permitted to hear the Board's discussion of the matter except to disclose material facts and to respond to questions. Any Responsible Person who is an officer, director or employee of the PNWS shall not attempt to exert his or her personal influence with respect to the matter, either at or outside the meeting.
- A Responsible Person who has a Conflict of Interest with respect to a Contract or Transaction that will be voted on at a meeting shall not be counted in determining the presence of quorum for purposes of the vote. The Responsible Person having a Conflict of Interest may not vote on the Contract or Transaction and shall not be present in the meeting room when the vote is taken. Such person's ineligibility to vote shall be reflected in the minutes of the meeting.
- Responsible Persons who are not members of the Board of Directors of the PNWS shall disclose to the PNWS Executive Director or Chair of the PNWS (or his or her designee) any Conflict of Interest that such Responsible Person has with respect to a Contract or Transaction. Responsible Persons who have a Conflict of Interest with respect to a Contract or Transaction that is not the subject of Board action shall also make the same disclosure. In either case, such disclosure shall be made as soon as practicable as the Responsible Person knows of the Conflict of Interest. Any Responsible Person who is an officer, director or employee of the PNWS shall refrain from any action that may affect the PNWS's participation in the Contract or Transaction.
- In the event it is not entirely clear that a Conflict of Interest exists, the Responsible Person with the potential conflict shall disclose, in writing, the circumstances to the Chair or Executive Director of the PNWS, who shall determine whether there exists a Conflict of Interest that is subject to this policy.

- Each Responsible Person shall exercise care not to disclose confidential information acquired in connection with any such Contract or Transaction the disclosure of which might have an adverse effect on the business of the PNWS. Furthermore, a Responsible Person shall not disclose or use information relating to the business of the PNWS for the personal profit or advantage of the Responsible Person or a Family Member.


Dissemination and Review of Policy

- This policy shall be published on the PNWS's website and otherwise made available to all members of the PNWS. Each officer, director and employee of the PNWS shall be required to review a copy of this policy and acknowledge in writing that he or she has done so.
- Each officer and director of the PNWS shall annually complete a disclosure form identifying any relationships, positions, or circumstances in which such Responsible Person is involved that could reasonably be expected to lead to a Conflict of Interest. Such relationships, positions or circumstances include any significant ownership interest (more than 5%) of a business that might provide goods or services to the PNWS. The PNWS will treat any such disclosures as confidential information.
- The Board of Directors shall review this policy annually. Any changes to the policy shall be communicated immediately to all Responsible Persons.

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature  Digitally signed by Benjamin Scrace
DN: cn=Benjamin Scrace, o=Whitney
Equipment Company, ou,
email=bscrace@weci.com, c=US
Date: 2020.02.11 06:24:52 -0800 Date: 2-11-2020

Name (printed) Benjamin Scrace

Committee or Subsection Northwest WA

Title President

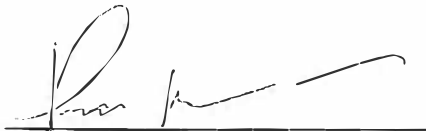
Print Form

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature



Date: February 11, 2020

Name (printed)

Jeff Marrs

Committee or Subsection

Northwest WA

Title

Vice President

[Print Form](#)

SF: adminpol/Conflict of interest

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature Mark Semrau Digitally signed by Mark Semrau
Date: 2020.02.12 10:38:11
-08'00' Date: Feb. 12, 2020

Name (printed) Mark Semrau

Committee or Subsection Northwest WA

Title Treasurer

Print Form

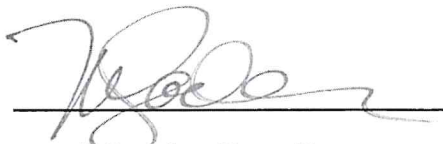
SF: adminpol/Conflict of interest

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature



Date:

2-21-2020

Name (printed)

Mark Sadler

Committee or Subsection

Northwest WA

Title

Director 2

Print Form

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature David Price Digitally signed by David Price
Date: 2020.02.11 09:17:27
-08'00' Date: February 11, 2020

Name (printed) Dave Price

Committee or Subsection Northwest WA

Title Director 1

[Print Form](#)

SF: adminpol/Conflict of interest

Certification

I declare that I have no knowledge, as of the date set forth below, of any relationships, positions, or circumstances in which I am involved that could be deemed a Conflict of Interest under the Conflict of Interest Policy of the Pacific Northwest Section of the American Water Works Association as currently in effect except as follows:

I hereby certify that the information set forth above is true and complete to the best of my knowledge. I also certify that I have reviewed, and I agree to abide by, the Pacific Northwest Section of the American Water Works Association's Conflict of Interest Policy, as currently in effect and as it may be amended from time to time.

Signature  Date: 2-11-2020

Name (printed) Eric Schey

Committee or Subsection Northwest WA

Title Past President

[Print Form](#)



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

8. Subsection Financials:

Balance Sheet

Profit/Loss Statement

Cash Receipts and Expenses Report

Allotment Request



American Water Works Association
Pacific Northwest Section

PO Box 872467
Vancouver, WA 98687
T 503-760-6460
F 360-254-0695
www.pnws-awwa.org

SUBSECTION BALANCE SHEET FOR CALENDAR YEAR

Subsection Name:

BANK STATEMENT PERIOD:

THROUGH

PREVIOUS BALANCE

DEPOSITS & ADDITIONS (Should total the income on the profit and loss statement)

CHECKS & WITHDRAWALS (should total the expenses on the profit and loss statement)

ENDING BALANCE:



American Water Works Association
Pacific Northwest Section

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www.pnws-awwa.org

SUBSECTION PROFIT/LOSS STATEMENT AS OF:

Subsection Name:

INCOME:

Interest

Receivables

Miscellaneous

TOTAL INCOME:

EXPENSES:

Accounting Fees

Committee

Conference/Meetings

Equipment

Miscellaneous

Officer Compensation

Postage

Printing

Prizes & Awards

Telephone

Travel

TOTAL EXPENSES:

Print Form



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www.pnws-awwa.org

SUMMARY REPORT OF SUBSECTION CASH RECEIPTS AND EXPENSES FOR **2019**

Subsection Number:

Subsection Name: **Northwest Washington**

- | | |
|---|----------------------|
| 1. Total Subsection Balance of Funds at beginning of the year: | \$ 43,994.84 |
| 2. Total receipts during the year. (Monies collected during the year): | \$ 82,556.14 |
| 3. Total (Add Lines 1 and 2) | \$ 126,550.98 |
| 4. Total Expenses for the year: | \$ 84,635.78 |
| 5. Balance at the end of the year. (Subtract Line 4 from Line 3) | \$ 41,915.20 |
| 6. Of the Balance on Line 5, how much is earned Interest from the bank? | \$ 0.00 |
| 7. Please list where the subsection funds are kept. (Types of accounts, name and branch of bank(s), account number(s), cash, etc.) Remember to protect your bank account numbers! Do not transmit this form electronically with account numbers attached. | |

Checking Account, Bank of America, Lynnwood Branch, Washington

Certification:

I, the undersigned, Secretary/Treasurer of the Northwest Washington Subsection hereby certify that the foregoing is a correct statement of cash receipts and disbursements for the calendar year listed above.

Mark Semrau
Signed

Mark Semrau

Please Print Signed Name

Print Form



American Water Works Association

Pacific Northwest Section

PO Box 872467
Vancouver, WA 98687
T 503-760-6460
F 360-254-0695
www.pnws-awwa.org

PNWS-AWWA ANNUAL SUBSECTION ALLOTMENT

Date:

To: Kyle Kihs
Executive Director PNWS-AWWA
P.O. Box 872467
Vancouver, WA 98687
Office: 503-760-6460
Fax: 360-254-0695
E-Mail: kkihs@pnws-awwa.org

Subsection:

The Subsection has evaluated the options available to us and made the following selection regarding the annual allotment.

- ☐ Yes, the Subsection requests the allotment.
- ☐ No, the Subsection does not wish to collect the allotment.



American Water Works Association

Pacific Northwest Section

Northwest Washington Subsection

THE END!

LOOKING FORWARD TO ANOTHER AWESOME YEAR!