I was fortunate to have the opportunity to represent the Hawai`i Section at the 2018 AWWA Water Matters! Fly-In event, in Washington D.C., on April 18 and 19, 2018. It was an enjoyable and educational experience, and I am certain the time invested there benefits our industry and state.

According to AWWA’s Legislative Director, Tommy Holmes, approximately 160 delegates from 48 states attended the Fly-In, with more than 440 meetings scheduled with Congress. Most of the delegates were Fly-In veterans, and there were a couple dozen first-timers like me. I felt like a “fish out of water,” (especially having to wear a suit and tie) but the other AWWA representatives I met from D.C., California, New Jersey, Colorado, Oklahoma, Washington, etc. were welcoming and helpful in providing useful tips and insights.

The weather was better than I expected, thankfully, and the clothes I packed were sufficient for the weather. Both days were clear, sunny, and in the 40’s to 50’s, so it was perfect to walk to and from the rail stations and then to the congressional office buildings.

continued on page 2
I met individually with staff from each of our congressional delegates’ offices: Jen Burks (Senator Hirono), Dave Chun (Representative Gabbard), Michael Obeiter (Senator Schatz), and Nick St. Cook (Representative Hanabusa). Each meeting ran about 20-45 minutes and I had the chance to explain AWWA’s drinking water-related issues and “specific asks.” This year the issues focused on:

1. Investment in drinking water infrastructure
2. Source water protection

And the “specific asks” were:

1. **Support for doubling the funding of the Drinking Water State Revolving Fund (SRF) appropriation to $1.7 billion.** It’s been approximately $863 million in the last couple of years, with a $300 million "add in" in this last Omnibus spending bill. The SRF program historically receives support from both sides of the aisle.

2. **Reauthorization of the Water Infrastructure Finance and Innovation Act (WIFIA) program.** The pilot program funding is set to expire at the end of the 2019 federal fiscal year. The initial $25 million appropriation resulted in about $2.3 billion in loans, so for every $1 appropriated, it resulted in $92 in loans. The latest Omnibus spending bill increased the WIFIA appropriation to $63 million. Reauthorization would be covered under S. 2329 and H.R. 4492.
3. **Support for the Conservation Title in the 2018 Farm Bill.** The conservation title requires USDA to use 10% of conservation funds to protect sources of potable water.

The congressional staff I met were knowledgeable on the SRF and WIFIA programs and funding issues. Jen Burks requested that if anyone plans to nominate a WIFIA project in this current round of funding, that they keep the congressional offices informed.

All in all, it was an excellent chance to connect with our Hawaii congressional representatives and their staff, to reiterate the importance of investing in Hawaii’s drinking water infrastructure and the protection of potable water sources, for the overall benefit of our communities and customers. §

---

**Meetings with Nick St. Cook (Representative Hanabusa’s office), Senator Mazie Hirono, and Dave Chun (Representative Gabbard’s office)**

---

**Hawaii Section Vision Statement**

Hawaii Section of the American Water Works Association will be the leading force in the State of Hawaii dedicated to safe drinking water.

**Hawaii Section Mission Statement**

The Hawaii Section AWWA is dedicated to the promotion of public health and welfare in the provision of drinking water of unquestionable quality and sufficient quantity. The Hawaii Section AWWA must be proactive and effective in advancing the technology, science, management, and government policies relative to the stewardship of water.
Chair’s Message
By Juanita Colon
Hawaii Section Chair

Aloha Kakou!

As we continue to “Enhance Hawaii’s Water Environment” the AWWA-HI Board of Trustees, Committee Chairs and Executive Board meet on April 13th at the Pomaikai Ballrooms at Dole Cannery-Iwilei for our annual strategic planning meeting. Topics of discussion included membership and member value, support to the Western Pacific Subsection, succession planning, and workshops and operator training. I look forward to the coming year as we continue to provide our membership with the best service and support.

The 2018 AWWA Water Matters! Fly-In occurred April 18-19 and was attended by our incoming Water Utility Trustee Kawika Uyehara. This year’s issues brought forth to our Congressional delegates focused on source water protection and investing in our drinking water infrastructure. Mahalo Kawika for representing our Section.

Remember to join us at ACE 2018 at the Mandalay Bay Convention Center in Las Vegas June 11 – 14. The Section’s annual ACE Reception will be held Monday, June 11th at the Mandalay Bay Border Grill. Should you have questions please contact Mark Ohigashi.

As this will be my last Chair’s message I want to thank our executive board, trustees, and committee chairs for their commitment and volunteerism to the Section. As we move forward, please welcome Mark Ohigashi as the new Section Chair. I know that he will serve the Section to the best of his ability as we continue to enhance Hawaii’s water environment. It has been a pleasure serving as your Section Chair this past year. Malama Pono. §
The 2018 Winter Board Meeting was held in Savannah, Georgia from January 19-20, 2018. Savannah is a beautiful city with its rich history and quaint southern charm. It was much colder than I thought it would be, but at that time, much of the U.S. was under a white blanket. However, much of the discussion at the board meeting was warm, and as mentioned in my last Director’s Message, there was an interesting presentation on the affordability of water. I’m no economist and couldn’t argue any of the points. So rather than go over the whole half-day presentation, here are a couple of the ideas that were shared with us.

One thing that I’ve always found difficult is “how would you define affordability?” Here’s one thought from the presentation:

**Defining Affordability**
- Household monthly water bills that do not impose undue economic hardship on low-income households.
- Households do not need to displace other essential services (e.g., medical care, food, or energy) to pay their water bills.
- Affordability is subjective.
- What constitutes a “low income” household?
- What types and levels of economic tradeoffs constitute an undue hardship?

**Affordability is a Growing Concern**
- Water bills already rising at pace > inflation
- Many future upward pressures on water costs
- Households ultimately bear costs
- The portion of low-income households is significant.
- 14% of U.S. and 13.9% of Canadian population live in poverty
- 200% of poverty level needed to meet basic needs
Inability to pay bills increases utility costs associated with collections and shut-offs
Can increased water bill be paid? (Will it?)
What does a household sacrifice to pay water bill?

Another good point was not using Median Household Income (MHI) as the basis for determining affordability. This presentation instead uses the lower 20% of the household incomes as a means of accessing affordability. Also noted was data that indicated in communities where utility costs (including water) are high, median income families are the most likely (and able) to leave. Lower income households stay.

Again, this is a small, small portion of the presentation, and I didn’t include the possible solutions. As you can imagine, it depends on too many factors for the average person to understand. I’m below average. I did appreciate being included with all the other directors in this kind of discussion, and seeing 100% participation by everyone in the audience shows how we are all affected by this topic. Some of the comments by our directors were incredibly insightful and showed their depth of knowledge.

I’m already looking forward to our next board meeting at ACE in Las Vegas. I’ll report on it next time.

Save the Date at ACE18

This year’s ACE will be held in Las Vegas at the Mandalay Bay Hotel and Convention Center.

Registration and housing are open so book your rooms now!

The conference is shifting by one day because of the Las Vegas location. Previously, the pre-conference workshops and the Hawaii Section reception were held on the Sunday preceding the conference. This year, both the pre-conference workshops and Hawaii Section reception will be on Monday.

Please save Monday evening on June 11, 2018 for the Hawaii Section Reception! The registration form for the reception is located on Pages 15 and 16 in this newsletter.

Click on this link for more info on ACE18: https://www.awwa.org/conferences-education/conferences/annual-conference.aspx
Hafa Adai,
The American Water Works Association Hawaii Section, Western Pacific Subsection (AWWA-HIWPS) successfully held its Fourth Annual Water and Wastewater Conference on March 26-27, 2018. This year’s theme was “Enhancing Micronesia’s Water Environment through Strategic Planning and Innovative Technology.” The conference was held as part of the pre-workshops for the University of Guam’s Annual Center for Island Sustainability Conference. The goal of our conference was to be a platform to share technical knowledge and skills with water and wastewater professionals in the region. Over 130 professionals from Guam, Commonwealth of the Northern Marianas Island, and Pohnpei participated in the two-day conference which featured 15 technical topics and 10 vendor displays. Participants visited the newly constructed Agat Santa Rita Wastewater Treatment Plant and the one of Guam Waterworks Authority constructed water reservoir in Dededo.

As part of the conference, AWWA-HIWPS invited a certified trainer for water and wastewater operators interested in obtaining certification. AWWA-HIWPS looks forward to continuing to provide training for operators, engineers, and managers in the field of water works.

This year, the members of AWWA-HIWPS and the conference participants donated $4,000 to the University of Guam’s School of Engineering. §
Kauai Board of Water Supply Appoints Bryan Wienand as Manager and Chief Engineer

By Jonell S. T. Kaohelaulii
Department of Water, County of Kauai

The Kauai Board of Water Supply (KBWS) is pleased to announce the appointment of Bryan Wienand as Manager and Chief Engineer for the Department of Water (DOW) effective May 1, 2018. Mr. Wienand has been with DOW since 2015 and currently serves as Deputy Manager. He will lead DOW’s 88 employees within its seven divisions and oversee operations of the county’s nine water systems currently servicing over 21,000 service connections, island wide.

“We have great confidence in Mr. Wienand’s leadership capabilities to maintain high performing operations and professional services at the Department of Water,” said Beth Tokioka, KBWS chairperson. “His knowledge of water quality compliance standards, DOW’s systems and demonstrated dedication towards priority projects will ensure that the Department’s goals are aligned with the needs to service the people of Kauai.”

Mr. Wienand brings more than ten years of professional experience in civil engineering, including over five years as a Civil Engineer V, P.E. with the City and County of Honolulu, Monitoring and Compliance Branch of the Division of Environmental Quality. Prior to that, he worked as the Water and Wastewater Project Engineer, P.E. for the Henningson, Durham and Richardson, Inc. (HDR) engineering firm. He has an extensive career in engineering design and consultation, project and water utilities management and holds a Professional Engineering license in both the State of Hawaii and the State of Washington. Mr. Wienand has received multiple service awards throughout his career and was most recently the recipient of DOW’s 2017 Employee of the Year award.

“I am extremely grateful and humbled by the opportunity to serve the people of Kauai, the Board of Water Supply, and the Department of Water in this role,” said Wienand. “I consider it to be a tremendous blessing, privilege, and honor to be positioned to lead this truly talented and dynamic organization. I look forward to overcoming challenges together, writing a new chapter, and building the future for our beautiful island.”

About the Kauai Department of Water
The Kauai Department of Water, a semi-autonomous agency of the County of Kauai, manages and operates Kauai’s water resources and distribution systems. The Department derives all of its revenue from water sales with no direct subsidy from the County General Fund. Its mission statement, “Together, we provide safe, affordable and sufficient drinking water through wise management of our resources and with excellent customer service for the people of Kauai” is embraced by the Department and the Kauai Board of Water Supply Members. For more information about the Kauai Department of Water, visit www.kauaiwater.org or like the Department of Water’s Facebook page at http://www.facebook.com/KauaiDOW. §
YP End of Year General Meeting

By Alicia Nakano
Young Professionals Committee Past Chair

By the time you’ll be reading this, I will be the YP Past Chair. In preparation for the transition of officers, YP held our end of the year meeting on April 24th at Pitch. Officers, upcoming chairs, committee members, and even a few new members met to discuss the past year’s events and ways the YP group could improve. Everyone eagerly shared their ideas for encouraging professional and educational opportunities for the upcoming year.

I’m happy that Puna Kaneakua will be the new YP Chair. As recently, there seems to be an increase in younger engineers our industry, and he shared that the upcoming year will be focused on how to boost the YP membership. The YP overlap with ASCE’s YMF members had made it difficult to boost YP participation in years past. The YPs will focus on reaching out to environmental engineers in this upcoming year.

We have several new committee chairs this year, and the next step for the YP group will be our strategic planning meeting to discuss what events we would like to pursue this year.

First Year Members!
Renew and WIN

Renew your AWWA membership and be automatically entered for a chance to win an additional year of membership paid by the AWWA Hawaii Section.

The Fine Print
- Open to all members that joined the Hawaii Section in 2017
- Must renew your membership between January 1 and December 31, 2018
- Random drawing to be held at the Pacific Water Conference 2019
- An AWWA Hawaii Section exclusive
YP Technical Field Trip to Monsanto Farms  
*By Daniel Koge*  
*Young Professionals Committee Field Trip Chair*

In early March, members of the AWWA/HWEA YP were fortunate enough to tour Monsanto Hawaii’s research facility in Kunia, Oahu. Although it was grey skies and breezy weather, everyone learned a lot from our awesome tour guides, Roy Asao, Winifred Marcos, and Stacie Sasagawa. Our tour started with hopping on a bus to learn how Monsanto utilizes Hawaii’s most precious resource: water. Through drip tape, they use 1.5 MGD from Waiahole Ditch to irrigate over 800 acres of farmland for corn and soybean crops. A system of sand filters and automatic pumps fill the multiple reservoirs that provide water to both the lower and upper portions of the farm. After checking out some irrigation cannons and cover crop fields, we headed down to a small corn plot where they explained how the crops are grown. Being a research facility, the millions of corn and soybean plants are pollinated individually by hand to ensure the specific hybridization of male and female. Once mature, the seeds are sent back to the mainland for further research and testing. That’s a lot of field work! To finish up the tour we were treated to a small demonstration garden that had familiar vegetable crops like cucumber, cabbage, tomato, and green bell pepper. Monsanto markets seeds for fruit and vegetable crops, some of which end up being grown right here in the islands and on your dinner plate. We tried some freshly harvested cucumbers and, yes, they were delicious.

Thank you again to Monsanto Hawaii for hosting us! If anyone is interested in learning more about Monsanto here in Hawaii or to schedule a tour for themselves please visit [www.monsantohawaii.com](http://www.monsantohawaii.com).
On April 7th, the AWWA/HWEA YP gathered in Halawa Valley at the Board of Water Supply’s Xeriscape Garden to refurbish the “Succulent Oasis” pond for their spring community service event. YPs learned about xeric (dry) plants on a tour of the garden before beginning the day’s work. Tasks included laying a new liner to the drained pond, stacking pohaku (rocks) around the perimeter, planting flowers and shrubs, and installing a solar-powered water pump. The pond was filled with water at the end of the event and will serve as one of the many educational tools at the garden to help promote knowledge of water efficient plants while still creating a beautiful green space for all to enjoy. §
Coated for Life.

- A quality coating system, combined with appropriate cathodic protection, ensures the longest service life possible for buried metallic pipe.

- Corrosion shortens pipe service life but is also preventable using proven, cost-effective measures.

- Even non-metallic pipe materials will lose strength and corrode over time.

- Northwest Pipe Company offers steel pipe with a range of AWWA coatings to meet the demands of differing soil types and environmental conditions—making steel the ideal choice for mid to large-diameter water and wastewater applications.

Northwest Pipe Company is the largest manufacturer of engineered steel pipe systems for municipal water and wastewater applications in North America.

Jeff Curl
503-939-8700
jcurl@nwpipe.com

www.nwpipe.com
Attention all operators.

The AWWA Hawaii Section will be providing two scholarships for $1,000 each thanks to AWWA’s The Water Equation Campaign and the AWWA Hawaii Section. There are some basic criteria you need to meet to show you are working towards your certification.

Eligibility/Guidelines:
- Applicant must be a current water operator or seeking to enter the water operator profession
- Applicant must be pursuing an Operator’s License or Certification, two or four-year degree related to the water operator profession, or professional development
- Disbursement of the funds will be made directly by the Section to the financial office of recipient’s college, university, or technical school
- Items related to books, manuals, conferences, professional development courses, and other eligible expenses will be reimbursed to recipient upon presentation of eligible receipts
- Applicant must reside or work within the geographical boundaries covered by the sponsoring Section
- Acceptance of scholarship constitutes permission to use recipient’s name and scholarship story for purpose of promotion

Application Process:
All applications will be reviewed by the AWWA Hawaii Section Executive Committee for completeness and merit. A maximum of two applicants will be chosen for a $1,000 scholarship.

Please send your application to:
Jeff Pearson
c/o Operator Scholarship
19 Uahaa Place
Wailuku, Hawaii 96793

Please see the form on the following page or visit the AWWA Hawaii Section Scholarship Page to download the PDF form. If you have any questions, please call Ken Ota at: 808-870-7913. Good luck!
The **One AWWA Operator Scholarship**

**APPLICATION**

**APPLICANT INFORMATION**

Name:  
Address:  

Phone:  Email:  

**EMPLOYMENT INFORMATION**

Employer:  
Address:  

Phone:  Current Position:  
Number of Years at Job:  Operator Level:  
Member of AWWA:  Yes  No  
Veteran:  Yes  No  

**HOW YOU WILL USE THE SCHOLARSHIP FUNDS**

- 2- or 4-year Water Operator Related Degree  
- Technical School  
- Operator Certification or Licensure  
- Professional Development Program or Conference  
- Books and Manuals  

**ATTACH THE FOLLOWING TO THIS APPLICATION FORM:**

- One page essay of career objectives and how this scholarship will enhance your ability for professional development and bring value to the water industry.  
- Résumé  
- Two letters of recommendation/reference  

**CERTIFICATION**

I certify that the information included in this application is true and complete to the best of my knowledge and I grant permission to AWWA's The Water Equation Campaign and sponsoring Section to release my name and award for promotional use.

Signature:  Date:  

---

American Water Works Association  
Hawaii Section  

Spring 2018
AWWA Hawaii Section General Membership Meeting
at
2018 AWWA ANNUAL CONFERENCE & EXPOSITION
Las Vegas, Nevada
Monday, June 11, 2018

American Water Works Association (AWWA) Hawaii Section members and their guests attending the Annual Conference & Exposition (ACE) 2018 at the Mandalay Bay Convention Center in Las Vegas, Nevada, are invited to attend our General Membership Meeting. The purpose of this meeting is for Section attendees to come together prior to the start of the conference to not only meet new and old faces, but to also coordinate and rally support for members who will be representing the Hawaii Section throughout the conference—did you know that Hawaii Section members sit on national committees, will be competing in national contests, and will be presenting technical papers to an international audience? With all of our attendees’ kōkua, let’s do all we can to make the rest of our Section, Hawaii, and the Western Pacific area proud!

Whether this is your first ACE or your 137th (yes, this is the 137th ACE and only the third time in Las Vegas [1973 and 1983]), we encourage you to join us to kick off what is set to be an exciting conference. Light pupus and drinks will be served.

A big MAHALO to Rich Hopkins (Hawaii Section Manufacturers Trustee) and Hopkins Technical Products, Inc. for generously co-sponsoring this year’s General Membership Meeting at 2018 ACE!

Who: Hawaii Section members and their guests
Where: Border Grill—Mandalay Bay Resort and Casino
3950 Las Vegas Blvd. South
Las Vegas, NV 89119
When: Monday, June 11, 2018
5:00pm—7:00pm
Cost: $20/person (if registration form and check postmarked by Friday, May 11, 2018)
$30/person (if registration form and check postmarked after Friday, May 11, 2018)
Deadline for registration is Monday, May 28, 2018. Late registration will be subject to unlikely space availability.**
Cost includes light pupus and 2 drink tickets
Registration: See attached form for mailing and payment instructions.
Questions? Contact Mark Ohigashi at (808) 203-2668 or mohigashi@brwncauld.com

**DUE TO THE ANTICIPATED GREATER ATTENDANCE, REGISTRATION MAY BE LIMITED, SO EARLY REGISTRATION IS HIGHLY ENCOURAGED.
REGISTRATION FORM
AWWA Hawaii Section General Membership Meeting

at

2018 AWWA ANNUAL CONFERENCE & EXPOSITION
Las Vegas, Nevada
Monday, June 11, 2018

Complete this registration form and mail with checks to:
Brown and Caldwell
c/o Mark Ohigashi
Pacific Guardian Center—Mauka Tower
737 Bishop Street, Suite 3000
Honolulu, HI 96813

Make checks payable to: AWWA Hawaii Section
(no cash, please)

Name(s): ____________________________ AWWA Member? (Y/N): ______
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

Total # people of attending (list all names above): ____________

X $20/person or $30/person (see below) ____________

TOTAL AMOUNT ENCLOSED: ____________

Cost: $20/person (if registration form and check postmarked by Friday, May 11, 2018)
$30/person (if registration form and check postmarked after Friday, May 11, 2018)
Deadline for registration is Monday, May 28, 2018. Late registration will be subject to
unlikely space availability.**
Cost includes light pupus and 2 drink tickets.

Questions? Contact Mark Ohigashi at (808) 203-2668 or mohigashi@brwncaid.com

***DUE TO THE ANTICIPATED GREATER ATTENDANCE, REGISTRATION MAY BE LIMITED, SO EARLY REGISTRATION IS HIGHLY ENCOURAGED.

American Water Works Association
Hawaii Section

Hopkins Technical Products
Celebrating 30 years as Hawaii’s chem feed supplier!
New AWWA Hawaii Section Members

Please welcome our newest Hawaii Section members!

Raymond Asuncion
Carty Chang
Kelly Clark
Bobbie Cruz
Aiko Fajardo
Gary Gagan
Joshua Lelemia Irvine
Taesun Kim

Sean Klein
Joseph Sannicolas
Linda Scott
Michael Techaria
David Tuituu
Richard Wasser
Garrett Yeoh

Congratulations
to our Membership contest winners at
the 2018 Pacific Water Conference!

Renew and Win! Drawing Winner
James Paik
Princeville Utilities Co., Inc.

Membership Booth
Meet and Greet Door Prize Winner
Diana Kenjic
Aqua Engineers, Inc.

Both received one-year membership renewals compliments of the Hawaii Section
Newsletter Advertising

The Hawaii Section of the American Water Works Association (AWWA) is currently seeking advertisers for its quarterly newsletter. Advertising provides a direct message to a population of over 600 members statewide who are in need of the products or services being advertised. Although we have switched to electronic distribution of the newsletter, we feel that there is still equal benefit to advertising in the electronic newsletter as with the printed newsletter. In addition, advertising in the electronic newsletter can be in full color.

Please be aware that advertising in the newsletter is available only to businesses related to the drinking water field. Please also note that all advertisements will be submitted for review and approval by the AWWA Hawaii Section Board of Trustees for ad content.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Ad Size</th>
<th>Ad Size (wxh)</th>
<th>Cost Per Issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>1/8 Page</td>
<td>3 ½” x 2 ¼”</td>
<td>$35 (business card)</td>
</tr>
<tr>
<td>(2)</td>
<td>1/4 Page</td>
<td>3 ⅞” x 4 ⅞”</td>
<td>$55</td>
</tr>
<tr>
<td>(3)</td>
<td>1/2 Page (H)</td>
<td>7 ¼” x 4 ⅞”</td>
<td>$80</td>
</tr>
<tr>
<td>(4)</td>
<td>1/2 Page (V)</td>
<td>3 ⅞” x 9 ¾”</td>
<td>$80</td>
</tr>
<tr>
<td>(5)</td>
<td>Full Page</td>
<td>7 ½” x 9 ¾”</td>
<td>$110</td>
</tr>
</tbody>
</table>

Ads must be in a “camera ready” form, as a *.jpeg or *.tif, and must have a minimum resolution of 225 dpi – maximum resolution of 300 dpi.

APPLICATION FOR AWWA HAWAII SECTION NEWSLETTER ADVERTISING

STEP 1 – FILL OUT ADVERTISING INFORMATION:

Name of Organization: ___________________________________________________________
Name & Title of Contact: ___________________________________________________________
Address: __________________________________________________________
Phone No. (    ) _______________________________ FAX No. (    ) _______________________________
Email: __________________________________________________________

STEP 2 – NOTE SIZE OF ADVERTISEMENT AND NUMBER OF ISSUES:

(    ) Size (item number) (    ) Number of issues

STEP 3 – SUBMIT PAYMENT:

Make check payable to: AWWA Hawaii Section

AWWA Hawaii Section
PO Box 22614
Honolulu HI 96823-2614
ATTN: Audrey Yokota

STEP 4 – SUBMIT ADVERTISEMENT:

Advertisement shall be submitted to:

Amanda Tanaka
Phone: (808) 944-1821
Email: atanaka@fukunagaengineers.com
AWWA Library

2011 Annual Conference - Opening Genl Session videos
A Century of Safe Drinking Water
Activated Carbon: Solutions for Improving Water Quality
Avoiding Rate Shock: Making the Case for Water Rates
AWWA 2002 Annual Conference Videos
AWWA and the Consumer Confidence Report
AWWA M/DBP LT2 Stage 2 Training Toolkit
Backflow Prevention and Cross Connection
Basic Microbiology for Drinking Water Personnel, 2nd Edition
Careers in Drinking Water
Case Studies in Source Water Protection
Computer Modeling of Water Distribution System M32
Design and Construction of Small Water Systems
Developing Rates for Small Water Systems
Disinfectants and Disinfection By-products:
Understanding the Proposed D/DBP Rule (2 tapes) with accompanying handbook
Disinfection of Pipelines and Storage Facilities Field Guide
Forecasting Urban Water Demand, 2nd Edition
Guide to the Filter Backwash Recycling Rule
Handbook of Public Water Systems, 2nd Edition
How Water Works - a Typical Water System Poster
How Water Works - an interactive Tour CD
How Water Works - Conventional Water Treatment Processes Poster
How Water Works - Residential Use
HWEA presents Water Recycling in Hawaii
Hydraulic Modeling and GIS
Inside the Weather
Installation, Field Testing and Maintenance of Fire Hydrants M17
Introduction to QualServe
Lead and Copper Rule Compliance: How to Conduct a Corrosion Control Study (2 tapes) with accompanying handbook
Let's Talk Safety Talks
Maintaining Water Quality in the Distribution System
Modeling Water Quality in Distribution Systems, 2nd Edition
Natural and Engineered Solutions for Drinking Water Supplies
Operator Math Made Easy
Our Water Cycle DVD
Overview of Environmental Laws and Regulations
Plain Talk about Drinking Water - 5th edition
Planning for the Distribution of Reclaimed Water (M24)
Public Affairs for Water Utilities
Pump Selection and Troubleshooting Field guide
Safety First: Night Work
Safety First: Water Main Repair DVD
Safety First: Work Area Traffic Control
Safety Practices for Water Utilities
Secrets to Success: How to Prepare for Operator Certification
Seizing the Initiative: Section and Member Utility Involvement in the SDWA
The Business of Water: A Concise Overview of Challenges and opportunities
The Evolving Water Utility
The Importance of Utility Membership
Water Audits and Loss Control Programs 3rd Edition (M36)
Water Conservation Communications Guide
Water Conservation for Small and Medium-Sized Utilities
Water Conservation-Oriented Rates: Strategies to Extend Supply, Promote Equity, and Meet Minimum Flow Levels
Water Distribution Operator Training Handbook
Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management
Water Main Disinfection and Dechlorination
WSO: Water Transmission and Distribution
Water Reuse for a Sustainable Future
We are AWWA
WSO: Distribution System
Committee Chairs 2017-2018

2018-2019 Committee Chairs will take over starting June 1, 2018. See www.hiawwa.org for the new chairs.

Awards
Michael Street
Email: streetm001@hawaii.rr.com

Bylaws/Standard Practice Manual
Ross Kaneko
CH2M Hill/Jacobs
1132 Bishop Street, Suite 1100
Honolulu, HI 96813
Phone: (808) 440-0225
Email: rkaneko@ch2m.com

Conference/Newsletter
Susan Mukai
Brown and Caldwell
737 Bishop Street, Suite 3000
Honolulu, Hawaii 96813
Phone: (808) 203-2667
Email: smukai@brwncaird.com

Diversity/Young Professionals
Alicia Nakano
Kennedy/Jenks Consultants
707 Richards Street, Suite 528
Honolulu, HI 96813
Phone: (808) 218-6030
Email: alicianakano@kennedyjenks.com

Exhibits
Rich Hopkins
Hopkins Technical Products Inc.
470 Harvest Park Drive, Suite C
Brentwood, CA 94513-4036
Phone: (808) 240-2160
Email: rich@htpinc.com

Finance
Audrey Yokota
Email: ayokota_assn2015@outlook.com

Fuller Award
Daryl Hiromoto
Brown and Caldwell
737 Bishop Street, Suite 3000
Honolulu, Hawaii 96813
Email: darylhiromoto@gmail.com

Legislation/Regulation
Clifford Lum
HDR
1132 Bishop Street, Suite 1200
Honolulu, Hawaii 96813
Email: cliff.lum@hdrinc.com

Susan Uyesugi
SSFM International
501 Summer Street, Suite 620
Honolulu, Hawaii 96817
Phone: (808) 531-1308
Email: suyesugi@ssfm.com

Membership
Jason Takaki
Honolulu Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Phone: (808) 748-5700
Email: jtakaki@hbws.org

Nominating
Timothy Lum Yee
HDR
1132 Bishop Street, Suite 1200
Honolulu, Hawaii 96813
Phone: (808) 271-2493
E-mail: timothy.lumyee@hdrinc.com

Operators Training
Daniel Lee
Honolulu Board of Water Supply
2442 Kini Place
Kalihi, Hawaii 96819
Phone: (808) 748-5554
Email: dlee2@hbws.org

Pacific Rim
Dean A. Nakano
Brown and Caldwell
737 Bishop Street, Suite 3000
Honolulu, Hawaii 96813
Phone: (808) 203-2673
Email: dnakano@brwncaird.com

Public Outreach
Aiko Fajardo
Phone: (808) 226-6906
Email: aiko.fajardo@orionengineers.com

Research/Technology
Dr. Marek Kirs
WRRC, University of Hawai‘i at Manoa
2540 Dole Street, Holmes Hall 283
Honolulu, HI 96822
Phone: (808) 956-9579
Email: kirs@hawaii.edu

Scholarship
Jeffrey Pearson
Commission on Water Resource Management, DLNR
1151 Punchbowl St, Rm 227
Honolulu, HI 96813
Phone: (808) 587-0214
Email: jeff.pearson@hawaii.gov

Scholarship
Ken Ota
Pacific Pipe Company
1255 Kualoa Street
Pearl City, HI 96782
Phone: (808) 455-8700
Email: ken@pacificpipe.net

Small Water Systems
Joy Gannon
Pulama Lanai
1311 Fraser Ave
PO Box 630310
Lanai City, Hawaii 96763
Phone: (808) 563-0259
Email: jgannon@pulamalanai.com

Strategic Planning
Mark Ohigashi
Brown and Caldwell
737 Bishop Street, Suite 3000
Honolulu, Hawaii 96813
Phone: (808) 203-2668
Email: mo@hbrncaird.com

UH Manoa Student Chapter Subcommittee
(Vacant)

Water for People
Paul “Scotty” Scott
Engineered Systems, Inc.
P.O. Box 865
Kailua, Hawaii 96734
Phone: (808) 263-2232
Email: PaulScott@engineeredsystemshawaii.com

Water Reuse
Lorna Heller
Honolulu Board of Water Supply
630 South Beretania Street
Honolulu, Hawaii 96843
Phone: (808) 748-5944
Email: LHELLER@hbws.org

Website
Joanna Seto
Hawaii Department of Health SDWB
2385 Waimano Home Road
Ulukupu Building 4
Pearl City, Hawaii 96782
Phone: (808) 586-4259
Email: joanna.seto@doh.hawaii.gov

Western Pacific Subsection
Vincent Pangelinan
Guam Waterworks Authority
Email: vpangelinan@guamwaterworks.org

Workshops/Safety
Trevor Inouye
Email: tvorcable@gmail.com

Youth Education
Jessica Agsalda
The Limitaco Consulting Group
1622 Kanakanui Street
Honolulu, HI 96817
Phone: (808) 596-7790 x225
Email: Jessica@tlcghawaii.com
Hawaii Section Website

The Hawaii Section has created a new website: www.hiawwa.org

Please visit the website for the latest information about the Section.

Editor of this Issue:

Susan Mukai
c/o Brown and Caldwell
737 Bishop Street, Suite 3000
Honolulu, HI 96813
Email: smukai@brwncald.com

Amanda Tanaka will be taking over as Newsletter Editor starting June 1, 2018.

Newsletter Articles

AWWA members are welcome to submit articles for the Newsletter. Please contact the editor for information.

Submissions for the Summer Newsletter are due to atanaka@fukunagaengineers.com by Friday, August 10, 2018.

Production Information Newsletter

The American Water Works Association Hawaii Section newsletter is published to inform its members of Section and International AWWA activities, meetings, educational opportunities and other matters of interest to the water community.

The mention of trade names for commercial products does not represent or imply an endorsement by AWWA Hawaii Section.