

AWWA Summer Workshop

By *Amanda Tanaka*
Consultant Trustee

After being held virtually last year, the AWWA Summer Workshop has returned to Denver, Colorado. This year's Summer Workshop 360° was held on July 28th and 29th at the Hyatt Regency Denver at the Colorado Convention Center and had approximately 70 attendees. Attendees included Section leaders and staff and Association leaders and staff. Chair **Rich Hopkins**, Director **Juanita Colon**, Treasurer **Aiko Fajardo**, and Trustee **Amanda Tanaka** represented the Hawaii Section.

The workshop kicked off with a welcome reception sponsored by the Water Equation. At the reception, attendees and guests could mingle and get to know each other before the workshop officially began.



Hawaii Section at Coors Field



*Panel Discussion (AWWA President **Joe Jacangelo**, Past President **Melissa Elliot**, Chief Membership Officer **Susan Franceschi**, and CEO **David LaFrance**)*

The first day of the workshop was an interactive program led by keynote speaker **Gabriel Eckert**, who is a nationally recognized strategic planning facilitator, consultant, speaker and executive coach. Gabriel gave tips on concepts such as telling an effective story, utilizing mantras, and building strong relationships. He also emphasized the importance of role clarity which was an overarching theme of the workshop.

After the first day's sessions, some attendees headed over to Coors Field to watch a game between the Colorado Rockies and Los Angeles Dodgers.

The second day of the workshop focused on

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the relationship between leaders and staff. The day began with a panel discussion moderated by Section Services Manager **Nancy Sullivan**.



Discussion with Breakout Groups

Panelists were AWWA President **Joe Jacangelo**, Past President **Melissa Elliott**, Chief Membership Officer **Susan Franceschi**, and CEO **David LaFrance**.

Panelists provided insight on the relationship between

leaders and staff at the Association level. Following the discussion, Section leaders and staff participated in breakout groups to learn and discuss more about role clarity. The overall theme of the discussion was the efficiency of having Section leaders focus on the bigger picture and strategic planning and having Section staff (or committee volunteers) take charge of day-to-day operations. §

PWC Update

By Carly Kaneko

At-Large Trustee: Annual Conference Council

The American Water Works Association Hawai'i Section, and the Hawai'i Water Environment Association are proud to announce the tenth annual joint conference, known as the Pacific Water Conference, will be held from February 7-9, 2023. Conference registration will open in Fall 2023. The event will return as a fully in-person event this year. The golf tournament will be held on February 10, 2023 with the community service event taking place on February 11, 2023.

Information regarding sponsorships, exhibits, and Call for Abstracts can be found on the [Pacific Water Conference website](#). Please contact pacificwatercon@gmail.com should you have any questions. §

Hawaii's largest water education festival, 'Make a Splash' restarts on Kaua'i

Department of Water, County of Kaua'i

The Make a Splash with Project WET (Water Education Today) Festival; Hawaii's largest water education festival, was held yesterday at the Vidinha Soccer field in Lihu'e, after a 2-year postponement due to the pandemic. The festival is coordinated by the Department of Water (DOW) and involved over 175 volunteers to host more than 750 fifth grade students this year.

"We are excited to restart our annual Make a Splash festival and I want to thank all of our staff, local partners and neighbor island water agencies for joining us in this effort," said **Joe Tait**, DOW's Manager and Chief Engineer. "Together, we can lead the way towards improving our water future through the education of our students."

This year's neighbor island participation was the most that the event has received in 17 years. Volunteers representing five water agencies flew in from O'ahu, Moloka'i, and the Big Island to join DOW and a team of water-related community partners on Kaua'i.

The water festival features activity stations that includes a lecture and interactive component. This year's water topics included groundwater, drinking water services, environmental and source water



Photo 1 (left to right): **Kahu Jade Waialeale-Battad** and DOW Manager and Chief Engineer, **Joe Tait**, untie the kukui nut leis during a blessing ceremony, signaling the reopening of the Department of Water's Make a Splash Festival.

protection, watershed management, the water cycle, water properties, natural ecosystems, native species protection, marine animal rescue, understanding water droplets and new this year is an activity on reclaim water.

"Water education continues to be a high priority for our outreach programs and the festival serves as the perfect opportunity to engage in discussions and offer direct lessons that teach students about a wide range of water topics that we encounter every day," said **Jonell Kaohelauli'i**, DOW's Information and Education Specialist and coordinator of the festival. "This is the first year the festival is featuring an activity about



Photo 2: Students from Wilcox Elementary School practice pumping groundwater from their table top aquifers during the "Just Understanding Groundwater" activity.

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Chair's Message

By Rich Hopkins
Hawaii Section Chair

Aloha members,
Many accolades were offered for the front-line workers during the pandemic, and rightfully so. But the unsung heroes are the

operators, mechanics, engineers and all employees who work the water industry. Every day, you were providing your customer's clean water. Since the news media doesn't thank you, the AWWA Hawaii Section does.

With the pandemic hopefully behind us, we need to restart our in-person activities. The Hawaii Section offers many opportunities for our members to grow and succeed. Our annual conference will start February 7, 2023 with our preconference. The conference will be held February 8 and 9, Golf Tournament on Friday, February 10, and our community service event on Saturday February 11. Workshops will also be starting up shortly. All these activities are operated by volunteers of the Hawaii Section, people just like you. The Hawaii Section is here to serve our members.

We would like to thank **Ken Kawahara** for his volunteer service as the Hawaii Section Chair for the 2021-2022 year. The Hawaii Section is always well-represented in the AWWA. Our Hawaii Section Director **Juanita Colon** is now a Vice President for AWWA. **Ken**, the Past-Chair will be volunteering as the Hawaii Section Director replacing **Juanita** in 2023. Our volunteers are second to none. We are dedicated to the success of our section. We were well-represented at ACE 22 in San Antonio, TX, the AWWA workshop in Denver, CO, and the Regional

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Hawaii Section Vision Statement

"HSAWWA will be the leading force in the State dedicated to safe drinking water."

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Director's Message

By Juanita Reyher-Colon
Hawaii Section Director



Aloha Kakou!! Summer is certainly here as we are experiencing hotter temperatures throughout the State and Country. Members from the Hawaii Section who attended ACE22 in San Antonio, Texas, were greeted with 110+ temperatures. Mahalo to all who joined us at the Section General Membership meeting and reception at the Bier Garten Riverwalk during ACE22. It was an excellent time for folks to reconnect or meet new members.

During ACE22, AWWA launched its new initiative, Water 2050, which will establish a long-term vision of the future of water. Water 2050's influence will extend beyond the water community, fostering partnerships and cross-sector collaboration for mutual and global benefit. The five key drivers for this initiative, according to AWWA, is sustainability, technology, economics, governance, and social/demographics.

The theme for ACE22 was "inform. influence. impact." The opening general session keynote address delivered by **Dr. Thomas Zurbuchen**, NASA's Associate Administrator for the Science Mission Directorate, was informative, influential and impactful.

I participated in the Exhibit Hall walkthrough to say mahalo to our PWC

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Hawaii Section Mission Statement

"The HSAWWA is dedicated to the promotion of public health and welfare in the provision of drinking water of unquestionable quality and sufficient quantity. HSAWWA must be proactive and effective in advancing the technology, science, management, and government policies relative to the stewardship of water."



Mahalo!

The Kaua'i Department of Water recognizes the following agencies for their contribution towards the success of the 2022 Make a Splash with Project WET Festival held on Kaua'i on Sept. 15th. MAHALO for your dedication towards educating our future water leaders.



Department of

Water

County of Kaua'i

- Aqua Engineers, Inc.
- AWWA – Hawai'i Section
- Carollo Engineers, Inc.
- City & County of Honolulu – Storm Water Branch
- DLNR – Aquatic Resources, Kaua'i Branch
- Department of Water staff & retirees
- East & West Kaua'i Soil and Water Conservation Districts
- Grove Farm Land Corporation
- Hawai'i Rural Water Association
- NOAA, Marine Animal Rescue Program
- Kapa'a High School JROTC Program
- Kaua'i Board of Water Supply
- Kaua'i Farm Bureau
- Kaua'i Invasive Species Committee
- Kodani and Associates Engineers, LLC.
- The Kaua'i Bus
- The Nature Conservancy
- Uncle Tilo's Clean Water, LLC.

UH-CTAHR

For more information on Project WET Hawaii, Make a Splash Festival or upcoming training workshops, please contact Jonell Kaohelauli'i at projectwethawaii@kauaiwater.org



wastewater, proving that we have not yet reached the boundaries of this event.”

DOW would like to thank the following partners and activity sponsors of the 2022 Make a Splash with Project WET Festival for helping to make the restart event a huge success: Aqua Engineers, Inc., American Water Works Association – Hawaii Section, Carollo Engineers, Inc., City & County of Honolulu – Storm Water Branch, Department of Land and Natural Resources– Aquatic Resources Kauai Branch, East & West Kaua`i Soil and Water Conservation Districts, Grove Farm Land Corporation, Hawaii Rural Water Association, National Oceanic & Atmospheric Administration (NOAA) – Marine Animal Rescue Program, Kapa`a High School



Photo 3: Aqua Engineer Inc.'s Kimo Ortiz conducts a wastewater presentation showing students the inside of a sewer line clogged with items that should not be flushed down the toilet such as cotton balls, napkins or flushable wipes. The reclaim activity is a new addition to the festival.



Photo 4: A Kalaheo Elementary School student is careful not to spill water as she pours it into a bin in a relay race activity demonstrating the transportation of water from the water source to the home.

JROTC cadet program, Kaua`i Board of Water Supply, Kaua`i Bus, Kaua`i Farm Bureau, Kauai Invasive Species Committee, Kodani and Associates Engineers, LLC., The Nature Conservancy, Uncle Tilo's Clean Water, LLC., UH College of Tropical Agriculture and Human Resources (UH-CTAHR) Kauai Agricultural Research Center, DOW employees, family members and retirees.

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Photo 5: DOW's Krieg Medeiros (center) assists with supplies for students in the Humpty Dumpty activity where they learn about natural eco systems, natural disasters and environmental restoration.



Photo 6: Kaua`i Board of Water Supply member, Tom Shigemoto prepares to assist students at the Incredible Journey animal station where students experience what its like to be a water molecule.

Make a Splash is a part of DOW's community outreach and education program and is held in conjunction with Project WET Hawaii's participation of the national water festivals hosted by Project WET USA. For more information about the Make a Splash with Project WET Festival or Project WET Hawaii, please contact the Department of Water at 245-5461. §



Photo 7: Shah Tariq of the City and County of Honolulu's Storm water branch explains the importance of dependable water infrastructure to deliver water from source to tap.



Photo 8: Carollo Engineers, Inc. made their first appearance as an activity sponsor at Make a Splash leading the Project WET's Healthy Habits activity.

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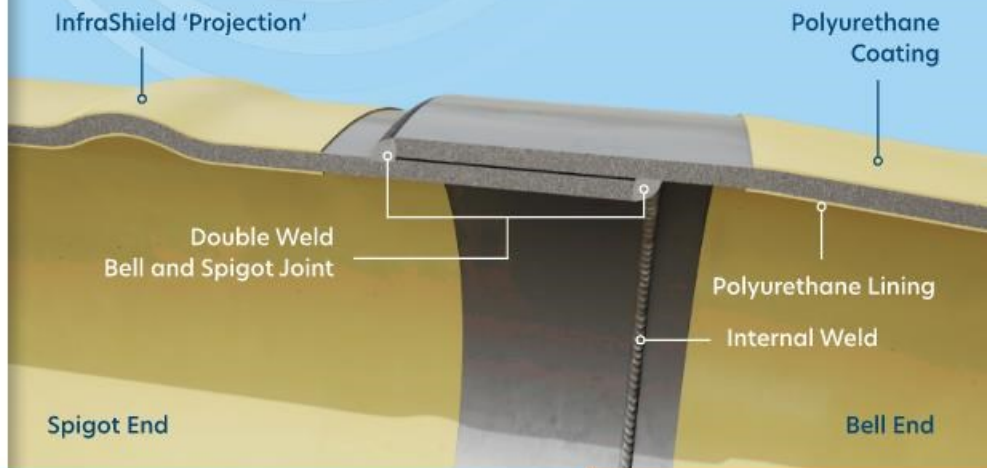
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Western Pacific Subsection Updates

*By Evangeline Lujan
AWWA-HIWPS Chair*

Western Pacific Subsection of the Hawaii Section of AWWA, will be hosting the 8th Annual Water and Wastewater Conference for the American Water Works Association. This year's conference will give our members options to attend virtually or in person at the Dusit Thani Resort Guam on August 31 through September 2, 2022. This year's theme is "Investing in Our Islands' Water".

Although the last couple of years have been challenging, it has been an opportunity to highlight the importance of the critical work of water and wastewater professionals to ensure that water is safe for our community. We will discuss many exciting topics including Updated Regulatory Issues (PFAS, Lead and Copper Rule), Water Loss Reduction, Pressure Pipeline Rehabilitation, Funding for Infrastructure, and Climate Change impacts to water resources. Representatives from Guam, the Commonwealth of the Northern Marianas Islands, The Republic of Palau, and Pohnpei and Yap, Federated States of Micronesia will share the status of their water and wastewater infrastructure on their islands.



Our mission in AWWA-HIWPS is to help advance and share our knowledge on design, construction, operation and management of Water Works and support the training needs of our community. This year we are expanding the conference to include 1 day to share the research work of the students who have been involved with in the protection of water resources on Guam, CNMI and the FSM from the University of Guam's Water and Environment Research Institute (WERI). In addition, we will also have an opportunity to discuss the future of the island's engineering profession with the professional engineering community and with future engineers in a session with UOG's School of Engineering. To end the conference, the participants will have an opportunity to tour the newly completed Guam Waterwork Authority's Northern District Wastewater Treatment Plant. We hope that the participants spend some time to meet with old friends and colleges while learning something new from our variety of speakers, vendors and our field trip.

This year we have been able to continue to host a few virtual workshops and training sessions including an Advance Excel Course, Operator Basic Math, and Operator Certification for Water Distribution Level 3 and 4. Our goal for this year is to provide additional training opportunities for all of our members and the water and wastewater professions in the region.§

[Chari's Message, continued from page 4](#)

Meeting of Section Officers in Oakland, CA. Volunteering for the Hawaii Section is critical to our success. If you are interested in the success of the Hawaii Section, please do not hesitate to contact me. Participating in the Hawaii Section is rewarding both professionally and personally.

One final note. During our meeting with the Association, Hawaii is second in the nation in retaining membership. Congratulations to everyone for that accomplishment. If you haven't renewed your membership yet, please do. The Hawaii Section should be number 1.

Mahalo, and I hope to see everyone in person soon.

Richard Hopkins

Hawaii Section Chair



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The banner features a collage of images: a 'Before' and 'After' comparison of a pipe, workers in safety gear handling a large white pipe, and a Michels truck with a crane lifting a pipe into place.

Young Professionals Update

By *Camille Gozum*
Young Professionals Committee Chair

Aloha YP Members,

We hope everyone is having an exciting and eventful summer this year! The HI-AWWA/HWEA kick-started post-COVID events with Trivia Night Social and Malama Maunaloa Community Service.

YP's gathered up at Honolulu Beerworks to enjoy a summer night social with networking and participate in the weekly Trivia Night. YP's worked together to answer 60+ trivia questions and with everyone's brainpower combined, the group placed 3rd out of the 25+ groups that joined. What a great way to get back into in-person social events!

YP's also participated in Malama Maunaloa organization workday at Maunaloa Bay, where the group helped restore the marine environment by removing invasive algae from nearshore waters. After the workday, the YP's enjoyed friendly networking over lunch at Kuliou'ou Beach Park. For more information on Malama Maunaloa organization, please contact



Social Event at Honolulu Beerworks

volunteer@malamamaunaloa.org.



Community Service Event with Malama Maunaloa

I would also like to welcome **Sarang Agarwal** from Stantec as the new YP community service chair and **Vivian Au** from Ekna as the new YP outreach chair. Our YP group continues to work diligently to plan exciting opportunities and events for all current and potential members. There will be more social, community service, outreach, and educational events in the future so please keep an eye out for our e-blast newsletters and hope to see you at our next event!

If you or someone you know is interested in getting involved with YP, please contact us at hawaiiwater.yp@gmail.com to join our ohana. §

exhibitors and encourage them to join us again next year. There were 1,030 exhibitor booths—31 booths were from the international sector.

On day two, I attended the Scholarship and Water Industry Lunch. There were 26 scholarships awarded, totaling \$194,000. America's First African American Female Combat Pilot Vernice "FlyGirl" Armour, provided the keynote address to a packed lunch crowd.

On day three, I attended the Presidential gavel passing ceremony, where **Dr. Joe Jacangelo** took the reins from **Dr. Chi Ho Sham**.

ACE23 will be in Toronto, Canada.

Lead Service Line Inventory & LCRR

The new lead service line inventory guidance, announced in an Aug. 4 EPA press release, describes what EPA expects water systems to do in preparing lead service line inventories and practices water systems can employ to improve those inventories over time. The guidance includes case studies and messaging about prioritizing inventory development in disadvantaged communities and areas where children live and play. A release by the U.S. Environmental Protection Agency (EPA) of guidance related to lead service line inventories is a timely reminder that Oct. 16, 2024, is coming. That's the compliance date for the Lead and Copper Rule Revisions (LCRR).

Upcoming events from AWWA

WaterSmart Innovations Conference & Exposition – Las Vegas, NV – October 4-6

Council Summit – Denver, CO – October 25-26

As always, thank you for your continued support of AWWA-HI and AWWA. Without your membership and participation, we could not fulfill our mission. Stay safe, stay healthy, stay positive, and see each other soon. Until then, Malama Pono! §

ACE 23 in San Antonio, TX

By Susan Mukai
Secretary

The AWWA Hawaii Section was well-represented at the first in-person AWWA Annual Conference and Exposition (ACE) since 2019! This year's ACE was held in San Antonio, Texas from June 12-15, 2022 at the Henry B. Gonzalez Convention Center. The Hawaii Section contingent was smaller than in previous years, but the roughly 20 attendees had a great time attending sessions, pau hana events, and walking through the exhibit hall. Attendees also weathered the heat wave that coincided with the conference, and it reached upwards of 100 degrees in the afternoons and evenings.

The conference kicked off on Sunday, June 12 with the AWWA Hawaii Section General Membership Meeting and Pau Hana which was held at the Bier Garten Riverwalk. Our new Section Chair **Rich Hopkins** and Past-Chair **Ken Kawahara** welcomed attendees and encouraged everyone to make the most of this conference experience.

The conference consisted of three full days of technical sessions covering topics such as Lead and Copper Rule Revisions, climate change adaptation and planning, asset management, and water conservation. AWWA President **Chi Ho Sham** started off the Monday Opening General Session with an entertaining mix of jokes and life stories, and his passion for his work in the water industry was evident as he spoke to the crowd (**Chi Ho** has previously presented virtually for the 2021 and 2022 Pacific Water Conferences, and it was great for the Hawaii Section attendees to finally see him in person.) Attendees were then treated to a keynote address from **Dr. Thomas Zurbuchen**, Associate Administrator of Science at NASA, followed by a discussion between him and incoming AWWA President **Joe Jacangelo**.

Half of the Hawaii Section attendees took part in the Exhibit Hall walkthrough to say thank you to exhibitors that have previously supported our Pacific Water Conference. Led by At-Large Trustee of the Annual Conference **Carly Kaneko**, the Hawaii folks navigated their way through the hundreds of exhibitor booths in the Exhibit Hall to drop of macadamia nut candies and reminder cards for the upcoming 2023 Pacific Water Conference, which will be held February 7-9, 2023.

The morning of June 15, 2022, attendees gathered at the Fuller Breakfast to celebrate our very own Section Director, **Juanita Reyher-Colon**, who was awarded with the esteemed Fuller Award. **Juanita** has been an integral part of the AWWA Hawaii Section and has served the past two years as our Director. She recently became an AWWA Vice President at the Association level, and the Section is so proud that she will represent Hawaii on the national level. Please make sure to congratulate **Juanita** the next time you see her!

Thank you to all who attended this year's ACE in person and for those who signed up to watch the sessions remotely. We look forward to having a larger group join us for ACE24, which will be held next June in Toronto, Canada! §

CECorps helps rural community prepare for cleaner, safer water

[AWWA Connections Article](#)

Nestled in the mountains just west of Nashville, Tenn., there's a quiet community where nearly 500 residents enjoy lush natural surroundings and the calmer pace of rural life. However, life in this idyllic setting comes with some challenges, notably water. (Pictured below, mountain lake in Tennessee.)



Originally built as a summer vacation campground on 1,500 acres, this dispersed community now comprises roughly 200 year-round households. The water infrastructure includes four public bathhouses, each with a well and septic system. Just under 70 homes have private wells, and the water quality from these wells varies widely. For the vast majority of residents, the bathhouses provide their only access to potable water and sanitation. Multiple daily bathhouse trips to fetch or use water are routine.

The community's average household annual income is just \$31,000. Many residents rely on public assistance. Still, some households have been spending as much as \$250 per week to purchase clean water from outside the community — demonstrating both the high priority that some residents place on water and the financial burden that lack of clean, safe water can create. Improving this community's water system and extending it to serve all homes would be a major undertaking, requiring substantial resources and expertise that this community lacks.

In recent years, pressure to improve this water system has mounted. As the permanent population grew, state environmental officials began to question this community's original permits for a transient-use water system. Also, more than half the residents of this community are children, so the water problems began attracting attention from child welfare agencies.

CECorps on the ground

[CECorps](#) was able to help this community make significant progress toward the goal of equitable, convenient access to clean water and sanitation. This alliance between AWWA, ASCE and EWB USA assists U.S. communities that need, but cannot afford, engineering services to solve community problems. Volunteer engineers collaborate with community members and local organizations to design appropriate local infrastructure solutions.

CECorps dispatched a team of volunteer professional engineers to assess the community's water system and needs. They collaborated with the local branch of the nonprofit Rural Community Assistance Partnership (RCAP) — specifically, working with technical assistance providers from Communities Unlimited (CU). Through a longstanding relationship, CU has been providing technical, financial, and managerial capacity building for this community. CU brought this project opportunity to CECorps, and the CECorps team relied on CU to gain a deeper understanding of the community and its challenges.

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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 state-wide 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.

Item Number	Ad Size	Ad Size (w x h)	Cost Per Issue
(1)	1/8 Page	3 ½" x 2 ¼"	\$35 (business card)
(2)	1/4 Page	3 ½" x 4 ¾"	\$55
(3)	1/2 Page (H)	7 ½" x 4 ¾"	\$80
(4)	1/2 Page (V)	3 ½" x 9 ¾"	\$80
(5)	Full Page	7 ½" x 9 ¾"	\$110

To advertise in the AWWA Hawaii Section Newsletter, simply complete the application form below.

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.

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The end result of these efforts was an engineering report that will be essential to obtaining project funding and implementation support.

CECorps volunteers did a site visit in late 2019. “At the bathhouses, we saw people filling water tanks to bring back home, and we saw areas of potential cross-contamination with sewage disposal,” said **Taylor Brown**, an engineer with the public works department of the City of Buffalo, N.Y. “Also, a fire started while we were there. Fire services are so far away that, without a proper on-site water source, several structures have burned down in recent years. Seeing all that in one day was a lot. We weren’t sure what to start with.”

Volunteer **Miranda Cordiale**, a water engineer with Arcadis, accompanied **Brown** on that CECorps site visit. “We drove around the community and talked to a lot of residents about their life experience. Most of them were working-class, very kind people. They’d been economically displaced from the nearby big city,” she said. “Other nearby communities didn’t want them to connect to their water infrastructure, or such connections weren’t possible due to topography. An underground water trade had sprung up, where some residents delivered water to others, but sometimes that water was getting contaminated with E coli in transit.”

“One key resource this community lacked was skilled people who could keep the existing water system running safely and reliably,” said **David Powell**, a water resources engineer for Woolpert, the lead engineer for this CECorps project. “One resident knew the basics of how to run a water system and do operator testing, but he had to stop due to health issues. The property owners association contracted testing out to a community down the road — but at the time we were there, there was nobody on-site who could handle maintenance.”

Education, organization, motivation

Working closely with CU’s technical assistance providers, the CECorps team crafted an engineering recommendation that was scaled and appropriate to this community’s organizational capacity. A major success of this project report was that CECorps was able to go beyond addressing physical infrastructure needs. The team also provided managerial and organizational recommendations to help ensure sustainable water supply management.

“This community used to be really stuck, just looking down the road at a void. They didn’t know how much fixing their water system would cost or how to get it done,” said **Powell**. “That’s why our report recommended more than technical measures. We also suggested an organizational structure to bill for water, and to enable people’s voices to be heard as issues arise.”

The process of compiling this report helped the community focus and organize. Volunteers asked questions that sparked important conversations in the community. The property owners association appreciated CECorps’ guidance and support to address such a daunting, complex, and highly technical issue.

“We did a lot of education about why safe, clean water is so important, and how to achieve it,” said **Powell**. “It can be really hard to prioritize what’s best for the long term when most people are just getting by week-to-week. But this community has a lot of kids. Family is very important here. That core value helped motivate residents to pull together on this issue.”

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An engineering report is just one milestone on the path to clean, safe water. However, all other progress toward that goal depends on this report. “Many communities miss out on grants to rebuild their infrastructure because they can’t afford to hire an engineer to write the report, or to pay someone who understands the grant process,” **Powell** observed.

It may be years until this Tennessee community can break ground on their improved water system. But now they have a clear vision of that goal, and a path forward. They’ve made important connections, and they have the information they need to work with grantors, government, and construction companies to move this project forward. CECorps volunteers boosted this momentum and are moving on to assist more communities in need.

Volunteering with CECorps

The time commitment for CECorps volunteers is quite flexible. “I was the technical lead and main point of contact for this project, so I put in a few hundred hours over two years. I visited the community multiple times. I lived only an hour away, so that worked out fine for me,” said **Powell**. “But on a different CECorps project, where I was a technical reviewer, I put in maybe eight hours.”

Brown, Cordiale, and other volunteers put in considerably fewer hours than **Powell**: just one site visit followed by a few dozen hours each of remote work.

Support from employers is essential to the success of CECorps. **Powell** explained that his employer, Woolpert, actively encourages employees to volunteer in many ways. **Cordiale**’s employer at the time of this project, CHA Consulting, had no problem with travel and they also paid her Engineers Without Borders membership dues. **Brown**, a municipal employee, observed, “You don’t get a lot of time off with government work. It really helped that this project did not require me to do a lot of travel.”

Perhaps the greatest reward of volunteering is that CECorps offers engineers a unique opportunity to help communities in dire need without the time commitment, expense, and complexity of international travel.

“When I was an engineering student, I helped with some international projects. This CECorps experience shifted my focus,” said **Brown**. “Right here in the U.S., many communities don’t get the support that people might assume. Part of the help communities need is learning that solutions are possible, that there is hope, that big problems really can be fixed.”

Visit CECorps’ [Community Page](#) and [Volunteer Page](#) to learn more about getting involved. §

AWWA Library

The library is maintained by the AWWA Hawaii Section for use by its members. If you are interested in viewing any of the following literature, please contact hiawwa@gmail.com.

- 2011 Annual Conference - Opening Genl Session videos
- A Century of Safe Drinking Water
- Air Valves: Air Release, Air/Vacuum, and Combination, 2nd Edition (M51)
- Activated Carbon: Solutions for Improving Water Quality
- Aquifer Storage and Recovery (M63)*
- 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
- Basic Chemistry for Water & Wastewater Operators
- Careers in Drinking Water
- Case Studies in Source Water Protection
- Computer Modeling of Water Distribution System (M32)
- Condition Assessment of Water Mains (M77)*
- Desalination of Seawater (M61)*
- 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
- Distribution System Requirements for Fire Protection, 4th Edition (M31)
- Distribution Valves: Selection, Installation, Field Testing, and Maintenance, 3rd Edition
- Drought Preparedness and Response, 2nd Edition (M60)*
- Ductile-Iron Pipe and Fittings, 3rd Edition
- Field Guide to SDWA Regulations
- Flexible Membrane Covers and Linings for Potable Water Reservoirs, 3rd Edition (M25)
- 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
- Math for Distribution System Operators
- Math for Water Treatment Operators: Practice Problems to Prepare for Water Treatment Operator Certification Exams
- Maintaining Water Quality in the Distribution System
- Membrane Applications for Water Reuse (M62)
- Modeling Water Quality in Distribution Systems, 2nd Edition
- Natural and Engineered Solutions for Drinking Water Supplies
- Operator Certification Guide - 5th Edition
- 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, 4th Edition (M24)
- Practical Manual of Groundwater Microbiology, 2nd Edition
- Public Affairs for Water Utilities
- Pump Selection and Troubleshooting Field guide
- PVC Pipe – Design and Installation, 3rd Edition (M24)
- Rehabilitation of Water Mains, 3rd Edition (M28)
- Risk and Resilience Management of Water and Wastewater Systems
- 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

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The Importance of Utility Membership
Water Audits and Loss Control Programs, 4th 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 Conservation Programs -A Planning Manual, 2nd Edition
Water Distribution Operator Training Handbook
Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management
Water Main Disinfection and Dechlorination
Water Operator Certification Exam Prep
WSO: Water Transmission and Distribution
Water Resource Alternatives: The Future of Sustainable Utility Practices (2 tapes)
Water Reuse for a Sustainable Future
Water Quality in Distribution Systems (M68)
Water Treatment Made Simple for Operators
We are AWWA

WSO: Distribution System

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PWC 2019

HAPPY NEW YEAR!
CONFERENCE 2020
LAST-DAY OR EARLY
REGISTRATION
12/6/2019
CONFERENCE
HAWAII
FEBRUARY 4-5
CHEERS TO YOU!
NO WATER
NO FLUSH

Committee Chairs 2022 - 2023

Awards

Ken Kawahara

Akinaka & Associates, Ltd

Bylaws/Standard Practice Manual

Paul Scott

Engineered Systems, Inc

Conference

Carly Kaneko

Austin, Tsutsumi & Associates, Inc

Diversity/Young Professionals

Camille Gozum

GHD

Exhibits

Ken Malone

Mueller Water Products, Inc

Finance

Aiko Fajardo

Aura Hawaii LLC

Fuller Award

Ken Ota

Core & Main, Inc

Legislation/Regulation

Kawika Uyehara

County of Hawaii, Department of Water Supply

Membership

Jordan Oue

Sean Shigenaga

Honolulu Board of Water Supply

Newsletter

Jessica Agsalda

The Limtiaco Consulting Group

Nominating/Scholarship

Cliff Lum

Aqua Engineers, Inc

Operators' Training

(Vacant)

Pacific Rim

Dean A. Nakano

Brown and Caldwell

Public Outreach

(Vacant)

Research/Technology

(Vacant)

Scholarship

Ken Ota

Core & Main, Inc

Scholarship

Shaun Yoshizawa

Core & Main, Inc

Small Water Systems

Joy Gannon

Pulama Lanai

Strategic Planning

Lorna Heller

Honolulu Board of Water Supply, Water Conservation Section

UH Manoa Student Chapter Subcommittee

(Vacant)

Water for People

Adrienne Fung

AECOM

Water Reuse

Lorna Heller

Honolulu Board of Water Supply, Water Conservation Section

Website

Joanna Seto

Hawaii Department of Health, Environmental Management Division

Western Pacific Subsection

Vangie Lujan

Guam Waterworks Authority

Workshops/Safety

Jeremy Kimura

Commission on Water Resource Management, DLNR

Workshops/Safety

Barry Pollock

Rural Community Assistance Corporation

Youth Education

Kathryn Yoshimura Muse

Honolulu Board of Water Supply



Upcoming Calendar of Events

October 21, 2022

2023 Pacific Water Conference
Call for Abstracts Due

December 7, 2022

2022 HWWA/AWWA-HI Section Water Reuse
Conference at Ala Moana Hotel

February 7-9, 2023

2023 Pacific Water Conference
At Hawaii Convention Center

February 10, 2023

2023 Pacific Water Conference
Golf Tournament

February 11, 2023

2023 Pacific Water Conference
Community Service Event

Membership Rates

Individual Active: \$216

YP: \$99 (for the first year)

Operations/Admin: \$75

Student: \$20

[Sign up here](#)

Hawaii Section Website and Email Address

The Hawaii Section website is www.hiawwa.org
Please visit the website for the latest information
about the Section.

The Hawaii Section email address is

hiawwa@gmail.com

Please include "Attention: [insert person's name
or position/committee]" in the subject line.

Editor of this Issue:

Jessica Agsalda

c/o The Limtiaco Consulting Group

1622 Kananui Street

Honolulu, HI 96817

Email: jessica@tlcghawaii.com

Newsletter Articles

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

Submissions for the Fall Newsletter are
due by

Friday, November 11, 2022

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
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