

LU A LINE



A Publication of the Hawaii Water Environment Association

Volume 15 Number 2

Internet Address: <http://www.hwea.org>

Summer 2002

PRESIDENT'S MESSAGE

By Tina Nakasone, 2002-2003 HWEA President

I'M BACK! Hello everyone, hope you didn't miss me too much while I was away on maternity leave. I'd like to thank all those who covered for me while I was away, especially, Steve, Peter, and Kristie. But I am now back at work and ready to jump back into the swing of things with HWEA.

I don't know if my phone and computer were working properly while I was away because I haven't received a single phone call or e-mail from you members out there. In the last newsletter I encouraged the membership to contact the Board of Directors and Specialty Committee chairs. The more in touch we are with the membership, the better we can serve you. Improved communication within the association continues to be a goal of mine. So please pick up that phone or dial up that e-mail, even if it is just to tell me that they are working properly.

Luckily, while I was on leave, the Board of Directors and Specialty Committee Chairs have been busy at work. We had our first Quarterly Luncheon of the year, featuring Dr. Leighton Lum of R.M. Towill Corporation and Mark Goodrowe of MGD Technologies. The talk focused on the inspection of the City & County of Honolulu's Ala Moana Wastewater Pump Station Force Main. Issues such as pipe capacity and pipe integrity based on pipe age, pipe condition, local conditions such as the harbor crossing and exposure to seawater were discussed.

The Pretreatment Committee also held two Financial Assistance and Support Service Provider workshops in July and August of this year. The workshops were a joint effort between the U.S. Small Business Administration, Hawaii Small Business Development Center Network and HWEA. Currently, environmental regu-



Tina Nakasone

"I encourage everyone to try and get more involved."

lations require the installation of grease interceptors at all food service establishments. Because the installation of grease interceptors at existing facilities can be rather expensive, the workshops were designed to provide information regarding financial assistance for small businesses. The workshops were geared towards food service establishment owners/operators, engineers, architects, property managers, consultants, and landlords.

The committee tries to hold these workshops periodically, so to find out more contact Committee Chair Dwight Nakao at (808) 270-7920 or Vice-Chair Ken Kawahara at (808) 527-5377.

In the next few months, there will be WEF and HWEA activities to look forward to. WEF's annual conference, WEFTEC, will be held in Chicago, Illinois this year from September 28 to October 2. Several HWEA members will be making the trip up to Chicago to cheer on the Operations Challenge team from the Big Island and to attend the many technical seminars and exhibit booths. To find out more about WEFTEC visit the internet site at www.wef.org. The website contains registration information, a schedule of events, and hotel and airfare information. To find out other people from Hawaii attending the conference contact us at info@hwea.org. We can let you know when other people will be arriving and where people will be staying.

On the home front, our Water Reuse committee is getting ready for their biennial conference. The conference is a joint conference sponsored by HWEA in conjunction with the Hawaii Sections of the American Society of Civil Engineers (ASCE) and the American Water Works Association (AWWA). This year the conference is scheduled for November 7th and 8th on Kauai

(Continued on page 2)

PRESIDENT'S MESSAGE

(Continued from page 1)

at the Radisson Kauai Beach Resort. Speakers for the conference are already lined up including Dennis Tulang from the State Department of Health, Dr. Takashi Asano from the University of California at Davis, Kevin McEnnis a California farmer, and Gerald Yoza from the Hawaii Prince Golf Course. Mark your calendars and look out for a flyer in the mail with more details regarding the conference.

The annual PWO softball tournament is scheduled for November 9th this year on Kauai. The softball tournament was scheduled to coincide with the Water Reuse conference to make it easier for people to participate in both events. Depending upon the level of interest a second day of softball and/or golf may be included. PWO representative, Jon Kawamura, and his team are hard at work gearing up for the tournament. If you are interested in participating or helping out please contact Jon at (808) 322-3047 or aquaeng@gte.net. This is a good event to come out and meet other people in the association in a relaxed environment. And if the Kauai operators hold true to their reputation, this will be one party that you won't want to miss. Even if you are not going to be playing softball please feel free to come out and root for your favorite team.

Upcoming events to look forward to next year include the 25th Annual HWEA Conference and sewer overflow public service announcements. The conference is schedule for January 29th, 30th and 31st, the weekend right before the Pro Bowl. This year we will be going back to the Hawaii Convention Center for our conference. Co-chairs Ian Arakaki and Lisa Kimura are busy at work along with their hard working committee to put together the conference. The conference will include the traditional events such as the Pre-Conference workshops, local Operations Challenge, Student Posters,

(Continued on page 12)

**In This Issue of the Lua Line
Volume 15, Number 2**

	pg
President's Message	1
News from the National Director	3
Secretary-Treasurer's Report	3
Collection System Committee	4
Student Activities Committee	5
Conference Committee	5
PWO News	6
Membership Committee	7
Public Education Committee	10
Water Reuse Committee	11
HWEA Specialty Committee Rosters	13
HWEA BOD & Specialty Committee Chairs	14
HWEA/WEF Calendar of Events	16

MEMBER SERVICE E-MAIL

msc@wef.org	address changes, membership inquiries, subscription inquiries, or anything related to membership
pubs@wef.org	order publications, check on order status, price quotes
confinfo@wef.org	registration questions & requests for conference information
techniq@wef.org	technical questions
webfeedback@wef.org	your comments about our website

FUKUNAGA & ASSOCIATES, INC.

Consulting Engineers ~ Civil ~ Environmental ~ Sanitary

1388 Kapiolani Boulevard, 2nd Floor
Honolulu, Hawaii 96814



Telephone: (808) 944-1821
Fax: (808) 946-9339
E-mail: fainc@aloha.com
Internet: <http://www.fainc.org>



CIVIL ENGINEERING AND PLANNING
WASTEWATER AND WATER TREATMENT
CONSTRUCTION MANAGEMENT SERVICES

Hawaii Pacific Engineers, Inc.

1132 Bishop Street, Suite 1003
Honolulu, Hawaii 96813-2830
Phone: (808) 524-3771
Fax: (808) 538-0445

NEWS FROM THE NATIONAL DIRECTOR

Kenneth Ishizaki, National Director
Ph. 1-808-591-8820, Fax 1-808-591-9010

The Water Environment Federation (WEF) has been quite active in pursuing its goal to provide service to its members, both nationally and globally, under trying economic conditions. Additional emphasis has been placed on meeting its budgetary goals while not decreasing major services to its members. The WEF is currently engaged in these activities:



Kenneth Ishizaki

Consolidation of Technical Committees

The current organizational structure of the WEF includes 33 committees. A Committee Structure Task Force was formed to evaluate the need to reorganize and, if so, propose a more effective structural organization. The Task Force was formed because of the limited number of volunteers and the limited WEF staff available to support activities of the committees.

The Task Force proposed to consolidate the 33 committees into two major groups: Delivery Mechanism and Knowledge Areas. The resulting committee structure would include--

Delivery Mechanism Group

- Programs Committee
- Publications Committee
- Stakeholder Relations Committee

Knowledge Area Group

- Air Quality Committee
- Collections System Committee
- Industrial/Hazardous Waste Committee
- Municipal Wastewater Treatment Committee
- Plant Operation & Maintenance Committee
- Residuals/Biosolids Committee
- Water Management Committee
- Utility Management Committee

Budget Update

Fiscal issues facing not only the WEF but also all profit and nonprofit activities are becoming paramount. For example, book sales have been significantly below budget. There is cautious optimism that income from exhibits at the WEFTEC Conference will meet budgetary goals. There is also an indication that WEF will end the year with a positive bottom line, despite reduced revenue estimates due to the implementation of cost-cutting measures.

A draft budget for 2003 predicts a net profit of \$400,000, despite the decision not to raise annual membership dues.

International Member Associations

Secretary-Treasurer's Report

as of July 31, 2002

Bank of Hawaii Account

Member Association **\$10,358.25**

Merrill Lynch Accounts

Conference **\$58,385.00**

Member Association **\$11,576.25**

Petty Cash **\$120.00**

TOTAL **\$80,439.50**

COLLECTION SYSTEM COMMITTEE

Jon Nishimura, Committee Co-Chair

Ph. 1-808-944-1821, Fax 1-808-946-9339

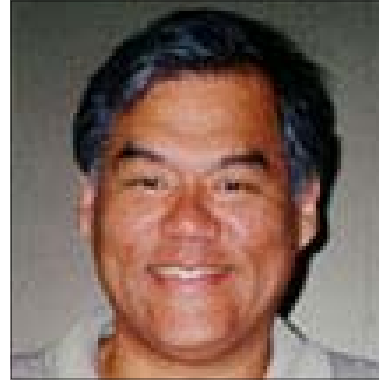
Tina Ono, Committee Co-Chair

Ph. 1-808-523-4067, Fax 1-808-523-4642

The HWEA Collection System Committee includes members with a broad range of experience and interests related to wastewater collection systems. Among the areas of interest that the committee is involved in are collection system operations and maintenance, collection system planning and design, national and local regulatory policies and requirements, and new technologies for system construction and rehabilitation. In effort to share information with HWEA's general membership, the committee will regularly publish articles in the *Lua Line* covering current topics of interest concerning collection systems.

The topic for this issue is the Wastewater CIP Budget Process and Fiscal Year 2003 Information from the City and County of Honolulu and the neighbor island counties, written by Scott Kunioka of the Planning & Engineering Subcommittee.

Each year the City and County of Honolulu and neighbor island Counties develop Wastewater Capital Improvement Project (CIP) Budgets for new projects to be designed and/or constructed within that upcoming fiscal year. The proposed Wastewater CIP Budget is developed by the Wastewater Division's Administration and submitted to the County Administration for inclusion into the County's Administrative Budget for that upcoming fiscal year. The Wastewater CIP Budget goes through careful screening by the County's Administration and depending upon a number of factors such as the financial state of affairs of the County and



Jon Nishimura



Tina Ono

prioritization of County improvements, some projects are usually cut from the Wastewater CIP Budget. These cut projects have to wait for another year to be implemented. Once the Administrative screening process is completed, a Wastewater CIP Budget is included within the County's Administrative Budget for that upcoming Fiscal year. After passing the County Administration process, the Wastewater CIP budget must pass another step as the County's Administration must submit their proposed budget to the City or County Council for review and approval. After the Council amends and ap-

proves the Administrative Budget, the Wastewater CIP Budget is finalized as part of the approved Administrative Budget. In the tight fiscal times that we are currently experiencing, the final approved Wastewater CIP Budget may be only a fraction of the original proposed budget. The following is a listing of the various Counties' Wastewater CIP Budget for Fiscal Year 2003. Also noted are major collection system projects for the fiscal year.

1. City and County of Honolulu, Department of Design and Construction / Department of Environmental Services (Wastewater CIP Projects only) - \$155.64 Million. The Kalaheo Reconstructed Sewer line Project.
2. County of Maui, Department of Public Works and Waste Management, Wastewater Reclamation Division - \$9.45 Million. The Wailuku Pump Station Force main Replacement Project.
3. County of Hawaii, Department of Environmental Management, Wastewater Division - \$8.9 Million. The Ainanani Collector Sewer Project.

**Wastewater Treatment Process Design
Collection System and Pump Station Design
Sewer Flow Monitoring**



(808) 531-3017 • www.oceanit.com

(Continued on page 6)

STUDENT ACTIVITIES COMMITTEE

Kyle Yukumoto, Chairperson
Ph. 1-808-842-1133, Fax 1-808-842-1937



Kyle Yukumoto

NOW ACCEPTING APPLICATIONS FOR the HWEA 2003 SCHOLARSHIP!

Looking for a way to pay for school? How about extra money to pay for high tuition costs and books? HWEA is committed to helping students pursue their dream of a higher education. HWEA is offering up to two \$2,000 scholarships to qualified students who are enrolled or planning to participate in a college or university program during the Fall 2003 term.

Students are eligible if they or their parents are HWEA members as of October 31, 2002.

We invite all HWEA members with eligible dependents, or HWEA student members to apply for the HWEA 2003 scholarship. The official announcement is included in this issue of the *Lua Line*.



THE LIMTIACO CONSULTING GROUP
CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS

615 PIKOI STREET, SUITE 1605 • HONOLULU, HAWAII 96814
TEL (808) 596-7790 • FAX (808) 596-7361
EMAIL thegroup@tlcgohawaii.com

CONFERENCE COMMITTEE

John Katahira Conference Co-Chair
Ph. 1-808-596-7790, Fax 1-808-596-7361
Dwight Nakao, Conference Co-Chair
Ph. 1-808-270-7988, Fax 1-808-270-7425

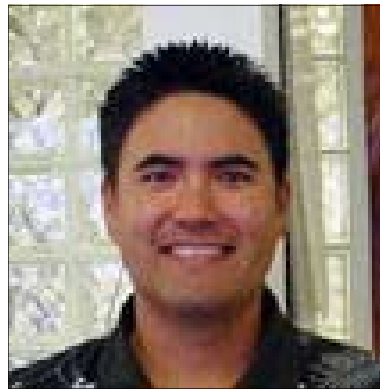


Lisa Ishida Kimura

The 24th Annual HWEA Conference was a great success, due largely in part to past Conference Co-Chairs John Katahira and Dwight Nakao and great Committee Co-Chairs. Congratulations on a job well done. We have a tough act to follow,

but will do our best.

The 25th Annual HWEA Conference will be held from January 29th through the 31st at the Hawaii Convention Center. Planning for next year's Conference has already begun and we are extremely happy with the selection of our Committee Chairs. Congratulations to the following people:



Ian Arakaki

Doug Yamamoto and Jimmy Honke (Technical Program); Roger Aoki and Ryan Yamauchi (Social Events); Garrett Leong and Ayako Kawabata (Exhibits); Reef Migita and Paul Arita (Registration); Jon Kawamura (Operations Challenge); Debra Ikeno (Publications);

Robin Hirano and Tim Steinberger (Contributions).

Please contact Doug or Jimmy if you have any ideas for technical presentations. Their e-mail address can be found on HWEA's website at www.hwea.org. We look forward to seeing you in January.

PWO NEWS

Jon Kawamura, PWO Representative
Ph. 1-808-322-3047, Fax 1-808-322-3140

Get out your gloves and shoes, its time for the annual softball games. The date is set for Saturday, November 9, 2002. The games will be held on the island of Kauai. Get your team ready and come join the fun, food and games. For more information and registering a team please call me or leave me a message at 960-2185 or e-mail me at aquaeng@gte.net.



Jon Kawamura

I have been working on setting up mini course programs with manufacturers and vendors to provide training. The courses will be one-day courses that will hopefully bring the knowledge and technology that is out there to be used in the many tasks that we encounter at our jobs. I have several courses in the making but

(Continued on page 10)

COLLECTIONS COMMITTEE

(Continued from page 4)

4. County of Kauai, Department of Public Works, Wastewater Division - \$6.5 Million. The Wailua Sewer System Improvement Project.

Wastewater Collection System Operator Certification Program Update

The committee is focusing its effort on evaluating options for the development of a Wastewater Collection System Operator Certification Program and has been in contact with several agencies with functioning programs, most notably the California Water Environment Association (CWEA) and the New England Water Environment Association (NEWEA). Among the key issues being discussed by the HWEA Collection System Committee are program costs, operator training and compliance with future regulatory requirements. Look for the latest breaking news on this and other related items in future issues of the *Lua Line* and at the HWEA website @ www.hwea.org.

ANY MEMBERS OUT THERE THAT ARE INTERESTED IN PARTICIPATING IN THE COLLECTION SYSTEM COMMITTEE ARE ENCOURAGED TO CONTACT JON NISHIMURA AT 944-1821 OR TINA ONO AT 523-4067.

R. M. TOWILL CORPORATION
 Planning • Engineering • Environmental Services • Program Management • Estimating • Construction Management

Serving Hawaii's Wastewater and Water Needs Since 1938

Waikamilo Business Center
 420 Waikamilo Road Suite 411
 Honolulu Hawaii 96813-4547

Visit us on the web at www.rmtoowell.com

Naalehu WWTW
Island of Kauai - 1981

Kaula Highway Interceptor Sewer
Island of Hawaii - 1988

Kaunaloa WWTW Expansion
Island of Oahu - 2002

MEMBERSHIP COMMITTEE

Alma Takahashi, Committee Co-Chair
Ph. 1-808-270-7420, Fax 1-808-270-7425
Yvonne Miyasato, Committee Co-Chair
Ph. 1-808-270-7419, Fax 1-808-270-7425

The HWEA would like to welcome the following new members:

Tracy Takamine
 Jenifer Kleveno Hernando
 Clifford P. Lum
 Katherin Matolcsy

MEMBERSHIP RECRUITMENT CONTEST

The 2001-2002 recruitment drive ended July 31, 2002. Mahalo to the following members for their recruitment efforts:

Rober Babcock Jr.
 Jon Kawamura
 Steven Parabolici
 Randy Bruback
 Rocco Maiellano

Sponsors who recruited 5 or more new members will receive a complimentary gift from WEF.

To become a recruiter, tell prospective members about the value of WEF/HWEA membership (member discounts, networking opportunities, technical information, professional development, committee



Alma Takahashi

involvement, etc.) and give them a WEF membership application. Be sure to print your name and WEF ID # on the "WEF Sponsor Name" and "Sponsor ID" line before giving the application to a colleague. You will receive sponsorship credit when your prospect joins.

Applications can be obtained from the Membership Committee or All applications and inquiries can be sent to:

HWEA
 PO Box 2422
 Honolulu, HI 96804

-or-

Alma Takahashi
 County Wastewater Reclamation Division
 200 South High Street

HWEA MEMBERSHIP STATUS AS OF JULY 2002



770 Kapiolani Boulevard
 Suite 401
 Honolulu, HI 96813
 Phone: 808.593.1264
 Fax: 808.596.0204
 web site: www.mgdinc.com

MGD Technologies Inc. provides field investigation services to support municipalities, federal agencies, private enterprises, and civil engineering consulting firms in designing, operating, maintaining and managing wastewater, stormwater, industrial waste collection systems, and potable water distribution systems.

Services include:

- Pipeline Condition Assessment Inspections
- Manhole Condition Assessment Inspections
- Closed Circuit Television (CCTV) Inspections
- Digital (mpeg-2) Video Documentation
- Temporary and Long Term Flow Monitoring
- Water Quality Sampling
- Smoke Testing to Locate Pipeline Defects

2003 HWEA SCHOLARSHIP PROGRAM

PURPOSE

To provide financial assistance to HWEA members and their dependents seeking higher education, and to encourage academic excellence.

ELIGIBILITY

1. Any dues-paying member of HWEA (including PWOD) or member's dependent (claimed as a dependent on the member's most recent income tax return) since October 31, 2002.
2. Must be at least a freshman in the Fall 2003 semester at a college or university, enrolled full-time in a bachelors, masters, or doctorate degree program.
3. Curriculum of study (or major) to include engineering, public health, or natural sciences (e.g. biology, chemistry, geology, microbiology, oceanography, physics, etc.), as related to the protection and enhancement of the water environment and associated public health.
4. Previous HWEA scholarship awardees are not eligible.

AWARD

Up to two \$2,000 awards may be made each year. Awardee(s) will be invited to the HWEA Conference awards luncheon at no charge.

ENTRY REQUIREMENTS

In order to be considered, applicants must submit the proper application form (both pages), provide a transcript of grades for the most recent academic year and submit a letter of application, including the following application form and the items listed in Item 6. of the application form.

SELECTION

The number of awards to be made and the selection of the awardee(s) will be determined by the HWEA Executive Committee. Consideration will be given to applicants who are dedicated to their fields and have set goals for themselves which are consistent with the advancement of the objectives of WEF and HWEA.

TIME SCHEDULE

- Applications must be submitted (or postmarked) no later than December 1, 2002.
- Awards will be announced at the HWEA Conference on January 31, 2003. (date subject to change)
- Awards will be available for Fall 2003 (for Spring 2003, if already enrolled at a college/university) and will be presented to the recipient upon proof of registration.

**FOR MORE INFORMATION, PLEASE CONTACT:
KYLE YUKUMOTO (Phone: 842-1133, Fax: 842-1937)
APPLICATION FORMS MAY BE REPRODUCED.**

SCHOLARSHIP APPLICATION FORM

1. Name of Applicant Mr./Mrs./Ms. _____ SSN _____

Permanent Home Address & Zip Code _____

Current Mailing Address & Zip Code _____

Business Phone _____ Residence Phone _____

2. Name of Member (if applicant is a dependent) _____

3. Intended Use of Scholarship in Fall of 2003 or Spring of 2003, if already enrolled at a college/university (check appropriate box):

Name and location of college/university

Curriculum/Major

Full-time: Yes No

Degree Program Bachelors Masters Doctorate

(Indicate, if
for Bachelors) Freshman
 Sophomore
 Junior
 Senior

Expected date of degree completion _____

Date of entry into degree program _____

4. Other Colleges/Universities Attended

5. Attach a transcript of grades for your most recent academic year.

6. Please submit a letter of application addressed to the HWEA Executive Committee covering the following:

- a Reason for desiring a scholarship. Indicate to what expense(s) award will be applied.
- b Description of how your curriculum of study is related to the protection and enhancement of the water environment and associated public health.
- c Academic interest/vocational plans, including any plans for graduate work.
- d Interests and activities: hobbies, memberships, offices held, etc.
- e Employment - major work since high school graduation, type of work, name of employer, address, full-time or part-time, value of experience.
- f Any other information that may assist the Executive Committee in making a decision.

7. Submit the application package (postmarked) by *December 1, 2002* to:

HWEA
P.O. Box 2422
Honolulu, Hawaii 96804

Attention: Scholarship Committee
Kyle Yukumoto

PUBLIC EDUCATION COMMITTEE

Roy Abe Committee Co-Chair
Ph. 1-808-524-3771, Fax 1-808-538-0445
Ann Tsuhako Committee Co-Chair
Ph. 1-808-593-1264, Fax 1-808-596-0204

Stockholm Junior Water Prize

This spring the Public Education Committee participated in the Stockholm Junior Water Prize (SJWP) Contest, sponsored by WEF. WEF sponsors this yearly contest for high school students who work on water science research projects. The award is open to projects that focus on water quality, water resources management, water protection or water and wastewater treatment. The SJWP is awarded on regional, state, national, and international levels.



Roy Abe



Ann Tsuhako

Public Education Committee members Lara Hutto, David Nagamine and Kyle Yukumoto attended the State Science Fair, and were impressed by the number and quality of projects related to the water environment. It was a tough decision, but the judging committee chose Kristen Smith's project "Will Polyacrylamide Save Hawaii's Oceans from Destructive Runoff?" as the state winner. As the state SJWP winner, Kristen received a \$250 check and was eligible to attend the national competition. Kristen will be starting her junior year at St. Andrew's Priory this fall.

HWEA plans to participate in the SJWP contest again next year, and hopefully sponsor our state winner at the national competition. Be sure to encourage any students or teachers you know to consider water quality projects for their science projects!

Thanks to Lara Hutto for spearheading this effort (and

providing the above writeup) and to her two assistants, David and Kyle!

Public Service Announcement **Project for Sanitary Sewer** **Overflow Prevention**

Three draft television Public Service Announcement (PSA) on Sanitary Sewer Overflow Prevention have been completed by CineGroup, HWEA's media consultant. The first PSA features Sam Choy and Forte' addressing minimizing discharge of grease and other extraneous materials down the sewer. Karen Keawehawaii and the voice of Paul Ogata are on the second PSA, which focuses on eliminating rainwater discharge to sewers. Kealii Reichel and Sistah Robi are featured on the third PSA, which reiterates the messages in first two PSAs.

The draft PSAs are on the HWEA website for review (thanks to "Turdmaster" Russell Okita). The PSAs will be aired in January after the elections and holidays when advertising rates are lower. In the meantime, visit HWEA's website and feel free to email any comments on the PSAs to public-education@hwea.org. Many thanks to the Public Education and Collection System Committee members and other HWEA folks who have been providing valuable input on this project. Mahalo to the City and County of Honolulu and the DOH/EPA for each providing a \$30,000 grant to make this project possible!

PWO NEWS

(Continued from page 6)

would like to hear from you if there is any subject or topics that you would like to have training on.

The Op's challenge team that will be representing Hawaii in Chicago have been hitting the books for the Q and A portion of the challenge. They are getting together to practice dawning the SCBA and practice cutting that pipe. The name for the team is "Keano" meaning they have to spirit to compete.

I am looking for representatives from the other islands to help bring the PWO section to a more active role in the HWEA. If anyone would like to volunteer please contact me.

**WATER REUSE COMMITTEE
(Joint HWEA/Hawaii Section
AWWA Water Reuse Committee)**

**Eassie Miller, Committee Co-Chair
(HWEA Representative)
Ph. 1-808-523-8499, Fax 1-808-533-0226**
**Elson Gushiken, Committee Co-Chair
(AWWA Representative)
Ph. 1-808-637-5078, Fax 1-808-637-4779**



Elson Gushiken

This water recycling conference is your opportunity to examine the role and importance of recycled water in extending our potable water supplies. You will be able to develop a thorough understanding of the requirements needed to manage your reuse program, share

the recycled water experiences of others and exchange ideas with colleagues. You will also have the chance to increase your understanding of the financial, legal and technical issues concerning water reuse.

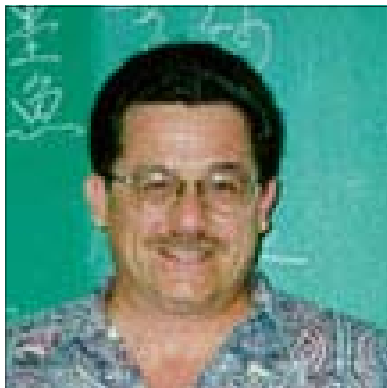
So put November 7 and 8 on your calendar to be in Lihue Kauai and learn the latest on water recycling. The conference registration forms will be mailed out in early September. The Conference registration form and payment are due by October 7, 2002.

**Fourth Bi-Annual
Water Reuse Specialty Conference**

The Fourth Bi-Annual Water Reuse Specialty Conference is scheduled for November 7 and 8 at the Radisson Kauai Beach Resort. The conference is co-sponsored by AWWA; ASCE; HWEA; the State Department of Health; and the Counties of Hawaii, Honolulu, Kauai, and Maui. The conference co-chairs are Erwin Kawata and Ed Tshupp.

**New Water Treatment Technology
Comes to Hawaii**

In September, the BWS Honouliuli Water Recycling Facility will be operating a demonstration Actiflow System. Actiflow uses micro sand during flocculation to enhance sedimentation. The system can be used in wastewater, reuse, and potable water treatment applications. On September 19, 2002 there will be an Actiflow presentation and operation meeting. Look for the detailed Actiflow presentation announcement in the mail.



Eassie Miller

The theme of this year's conference is *"Water Recycling – Sustaining Our Potable Water Supply."* This conference is going to be the best Water Reuse Specialty Conference to date. During the two-day conference, speakers from Hawaii and the Mainland will share

their experiences and expertise working with and using this valuable resource.


Some Speaker topics include:

"Purple Pipes and Public Perception: Growing and Selling Vegetables with Recycled Water"

"Health Aspects of Groundwater Recharge with Reclaimed Water"

"Challenges of Using Recycled Water on Golf Courses"

"Legal Aspects of Water Recycling"



**BROWN AND
CALDWELL**

**ENVIRONMENTAL ENGINEERING
AND CONSULTING**

Providing environmental solutions in:
**Wastewater Collection, Treatment
 and Disposal
 Water Reuse
 Watershed Management
 Water Supply
 Infrastructure
 Solid Waste
 Hazerdous Waste**

119 Merchant Steet, Suite 200, Honolulu, Hawaii 96813
 808-523-8499, 808-533-0226 Fax

Wells Street Professional Center
 2145 Wells Street, Suite 302, Wailuku, Hawaii 96793
 808-244-7005, 808-244-9026 Fax

www.browncaldwell.com

PRESIDENT'S MESSAGE

(Continued from page 2)

Exhibitor Hall, President's Reception, and Banquet. For more information regarding the conference visit our website at www.hwea.org or look in the mail for the first flyer in October.

The Public Education Committee is wrapping up work on three Sanitary Sewer Overflow Public Service Announcements (PSA) they have been developing. The PSAs were developed using a public education grant from the City Council. The public service announcements were designed to educate the public on proper usage of the sewage collection system to minimize the potential for overflows. Topics such as hazards of sewer overflows, proper disposal of oil and grease and minimizing rainfall inflow to the sewer system are covered. Speakers on the public service announcements include Sam Choy, Forte', Robi Kahakalau, Kealiyi Reichel, and Karen Keawehawaii. For a sneak peak at these PSAs visit our website or look for those announcements to be aired on TV in January.

Future developments from the association include the collection systems operations certification program, job listings on the website, and mailouts by e-mail. The Collection Systems Committee is continuing their work on developing a voluntary collection systems operations certification program. Chair Jon Nishimura, and Vice-Chair Tina Ono are collecting information from

other organizations and soliciting input from local municipalities in order to come up with a program best suited for our members. If you would like to find out more about the program or get involved in the project please contact either Jon at (808) 944-1821 or Tina at (808) 523-4067.

As a service to the membership we will be establishing a job listing on our website to allow employers to advertise positions for wastewater professionals. Look out for information regarding advertising rates and positions on our website soon. Lastly, in an effort to conserve paper, we will be working on establishing an e-mail database for sending out luncheon notices, conference registration packets and newsletters. We will be sending out a questionnaire to obtain more e-mail addresses and preferences regarding receiving association mail.

On a sadder note, we are looking for a replacement for our Safety Committee chairperson. Our current chairperson, Walter Medina, is moving from the City and County of Honolulu to the Hawaii Occupational Safety and Health Division (HIOSH) and will not be able to continue as our Safety chair. So we are looking for a willing and eager individual to step in and take over the position. If you are interested in the position or know of someone who would be perfect for the job, please let us know. Although we are sad to see him go, we wish Walter the best of luck in his new job at HIOSH.



HWEA WELCOMES A NEW MEMBER TO ITS FAMILY

Full name: Cole Tetsuo Nakasone

Date of birth: March 24, 2002
10:39 p.m.

Weight: 6 pounds 10.5 ounces

Height: 20 inches

Proud Parents: Tina & Cass Nakasone

HWEA SPECIALTY COMMITTEE ROSTERS

COMMITTEE	MEMBERS				
Collection System	Jon Nishimura (Chair)		Tina Ono (Vice-Chair)		
	Roy Abe	Eric Agena	Mark Goodrowe	Craig Nishimura	Russell Leong
	Tim Steinberger	Paul Morioka	Tom Myers	Gary Skipper	Walter Chong
	Scott Kunioka	Lance Manabe			
Conference	Lisa Ishida-Kimura (Co-Chair)		Ian Arakaki (Co-Chair)		
Constitution & Bylaws	Lee Mansfield (Chair)		Vacant (Vice-Chair)		
Government Affairs	Robin Matsunaga (Chair)		Walter Billingsley(Vice-Chair)		
	Cheryl Okuma-Sepe	Dennis Tulang	George Takamiya	James Honke	Myron Nomura
Laboratory	Barney Asato (Chair)		Anita Fernandez (Vice-Chair)		
	Merlita Empeno	Myron Honda	Snookie Mello	Robert Rychlinski	
	Pat Sheppard	Lyle Shizumura	Terrence Tanaka	Lourdes Vasquez	
	Bruce Zhang				
Membership	Alma Takahashi (Chair)		Yvonne Miyasato (Vice-Chair)		
Newsletter	Anna Lee (Chair)		Kyle Okino (Vice-Chair)		
	Suzette Hokama	Jay Stone	Randall Shimoda	Jon Yoshinaga	
Nominations	Steve Parabolicoli (Chair)				
Pretreatment	Dwight Nakao (Chair)		Ken Kawahara (Vice-Chair)		
	Bill Anderson	Ranold Fujioka	Pam Tsugawa		
Public Education	Roy Abe (Co-Chair)		Ann Tshako (Co-Chair)		
	Ken Windram	Kyle Yukumoto	Steve Parabolicoli	Joe Padron	
	Lara Hutto	Lance Tokuda	Dave Nagamine	Edith Eldeen	
	Grace Tulang-Moss	Lori Kajiwara	Tim Steinberger		
Research	Roger Babcock (Chair)		Vacant (Vice-Chair)		
	Roger Fujioka	Denis Lau	Lee Mansfield	Ray Matasci	
	Robin Matsunaga	Tim Steinberger	Ross Tanimoto	Ken Tanno	
	Dennis Tulang	P.Y. Yang			
Safety	Vacant				
Student Activities	Kyle Yukumoto (Chair)				
Water Reuse	Eassie Miller (Co-Chair)		Elson Gushiken (Co-Chair)		
	Victor Moreland	Robert Miyasaki	Kenneth Ishizaki	Peter Ono	
Web Page	Russell Okita (Co-Chair)		Mark Goodrowe (Co-Chair)		

2002-2003 HWEA BOARD OF DIRECTORS AND SPECIALTY COMMITTEE

Tina Nakasone, President*

Hawaii Pacific Engineers, Inc.
1132 Bishop Street, Suite 1003
Honolulu, Hawaii 96813-2830
Phone: 1-808-524-3771, Fax: 1-808-538-0445
E-mail: tmuhawaii@hawaiiengineers.com

Peter Ono, Vice President*

Brown & Caldwell
119 Merchant Street, Suite 200
Honolulu, Hawaii 96813-4413
Phone: 1-808-523-8499, Fax: 1-808-533-0226
E-mail: pono@brwnclad.com

Kristie Ching, Secretary/Treasurer*

City & County of Honolulu
Department of Design and Construction
Wastewater Division
650 South King Street, 14th Floor
Honolulu, Hawaii 96813
Phone: 1-808-527-5158, Fax: 1-808-523-4642
E-mail: kching1@co.honolulu.hi.us

Steve Parabolici, Past-President & Nominating Chair*

County of Maui, Wastewater Reclamation Division
200 South High Street
Wailuku, Hawaii 96793
Phone: 1-808-270-7426, Fax: 1-808-270-7425
E-mail: steve.parabolici@co.maui.hi.us

Kenneth Ishizaki, National Director*

Engineering Concepts, Inc.
1150 South King Street, Suite 700
Honolulu, Hawaii 96814
Phone: 1-808-591-8820, Fax: 1-808-591-9010
E-mail: kishizaki@ecihawaii.com

Jon Kawamura, PWO Representative*

Aqua Engineers, Inc.
P.O. Box 390039
Kailua-Kona, Hawaii 96739
Phone: 1-808-322-3047, Fax: 1-808-322-3140
E-mail: aquaeng@gte.net

Jon Nishimura, Collection System Chair

Fukunaga & Associates, Inc.
1388 Kapiolani Boulevard, Second Floor
Honolulu, Hawaii 96814
Phone: 1-808-944-1821, Fax: 1-808-946-9339
E-mail: fainc@aloha.com

Tina Ono, Collection System Vice-Chair

Phone: 1-808-523-4067, Fax: 1-808-523-4642
E-mail: tonono@co.honolulu.hi.us

Lisa Ishida Kimura, 2003 Conference Co-Chair

Hawaii Pacific Engineers, Inc.
1132 Bishop Street, Suite 1003
Honolulu, Hawaii 96813-2830
Phone: 1-808-524-3771, Fax: 1-808-538-0445
E-mail: likimura@hawaiiengineers.com

Ian Arakaki, 2003 Conference Co-Chair

The Limtiaco Consulting Group
615 Piikoi Street, Suite 1605
Honolulu, Hawaii 96814
Phone: 1-808-596-7790, Fax: 1-808-596-7361
E-mail: ian@tlcg.hawaii.com

Lee Mansfield, Constitution & Bylaws Chair

Hawaii-American Water Company
P.O. Box 25010
Honolulu, Hawaii 96825
Phone: 1-808-394-1280, Fax: 1-808-395-5023
E-mail: lmansfie@calamwater.com

Robin Matsunaga, Government Affairs Chair

Belt Collins Hawaii
680 Ala Moana Blvd.
Honolulu, Hawaii 96813
Phone: 1-808-521-5361, Fax: 1-808-538-7819
E-mail: rmatsunaga@beltcollins.com

Walter Billingsley, Government Affairs Vice-Chair

Phone: 1-808-521-5361, Fax: 1-808-538-7819
E-mail: walter@beltcollins.com

Barney Asato, Laboratory Chair

City & County of Honolulu
Department of Environmental Services
Sand Island Wastewater Treatment Plant
1350 Sand Island Parkway
Honolulu, Hawaii 96819
Phone: 1-808-847-8356, Fax: 1-808-842-1301
E-mail: mba0106@cchnl@co.honolulu.hi.us

Anita Fernandez, Laboratory Vice-Chair

Phone: 1-808-879-6109 ext. 213, Fax: 1-808-879-6369
E-mail: anita.fernandez@co.maui.hi.us

Alma Takahashi, Membership Chair

County of Maui, Wastewater Reclamation Division
200 South High Street
Wailuku, Hawaii 96793
Phone: 1-808-270-7420, Fax: 1-808-270-7425
E-mail: alma.takahashi@co.maui.hi.us

Yvonne Miyasato, Membership Vice-Chair

Phone: 1-808-270-7419, Fax: 1-808-270-7425
E-mail: yvonne.miyasato@co.maui.hi.us

2002-2003 HWEA BOARD OF DIRECTORS AND SPECIALTY COMMITTEE CHAIRS (continued)

Anna Lee, Newsletter Chair

Engineering Concepts, Inc.
1150 South King Street, Suite 700
Honolulu, Hawaii 96814
Phone: 1-808-591-8820, Fax: 1-808-591-9010
E-mail: alee@ecihawaii.com

Kyle Okino, Newsletter Vice-Chair

Phone: 1-808-488-0477, Fax: 1-808-488-3776
E-mail: engrsol@verizon.net

Dwight Nakao, Pretreatment Chair

County of Maui, Wastewater Reclamation Division
200 South High Street
Wailuku, Hawaii 96793
Phone: 1-808-270-7988, Fax: 1-808-270-7425
E-mail: dwight.nakao@co.maui.hi.us

Ken Kawahara, Pretreatment Vice-Chair

Phone: 1-808-527-5377, Fax: 1-808-527-6214
E-mail: kkawahara@co.honolulu.hi.us

Roy Abe, Public Education Co-Chair

Hawaii Pacific Engineers
1132 Bishop Street, Suite 1003
Honolulu, Hawaii 96813-2830
Phone: 1-808-524-3771, Fax: 1-808-538-0445
E-mail: rabe@hawaiipacificengineers.com

Ann Tshako, Public Education Co-Chair

MGD Technologies, Inc.
770 Kapiolani Blvd., Suite 401
Honolulu, Hawaii 96813
Phone: 1-808-593-1264, Fax: 1-808-596-0204
E-mail: annt@mgdinc.com

Roger Babcock, Jr., Research Chair

University of Hawaii at Manoa
Department of Civil Engineering
2450 Dole Street, Holmes Hall 383
Honolulu, Hawaii 96822
Phone: 1-808-956-7298, Fax: 1-808-956-5014
E-mail: rbabcock@hawaii.edu

Kyle Yukumoto, Student Activities Chair

R.M. Towill Corporation
420 Waiakamilo Road, Suite 411
Honolulu, Hawaii 96813-2830
Phone: 1-808-842-1133, Fax: 1-808-842-1937
E-mail: kyley@rmtowill.com

Eassie Miller, Water Reuse Co-Chair (HWEA)

Brown and Caldwell
119 Merchant Street, Suite 200
Honolulu, Hawaii 96813-4413
Phone: 1-808-523-8499, Fax: 1-808-533-0226
E-mail: emiller@brwncald.com

Elson Gushiken, Water Reuse Co-Chair (AWWA)

Phone: 1-808-637-5078, Fax: 1-808-637-4779
E-mail: egushiken@aol.com

Russell Okita, Web Page Co-Chair

Fukunaga & Associates, Inc.
1388 Kapiolani Blvd., Second Floor
Honolulu, Hawaii 96814
Phone: 1-808-944-1821, Fax: 1-808-946-9339
E-mail: hweainfo@lava.net

Mark Goodrowe, Web Page Co-Chair

MGD Technologies, Inc.
770 Kapiolani Blvd., Suite 401
Honolulu, Hawaii 96813

2002 SUMMER JOB BANK

=====
For vacancy announcements for the **City and County of Honolulu**, please call the Department of Environmental Services at (808) 527-6667.
=====

=====
For vacancy announcement for the **County of Hawaii**, please call the 24-hour Job Hotline at (808) 961-8618.
=====

=====
For vacancy announcements for the **County of Kauai**, please call the Department of Public Works at (808) 241-6610.
=====

=====
For vacancy announcements for the **County of Maui**, please call Carol Kurisu of the Department of Public Works and Waste Management at (808) 243-7850.
=====

HWEA/WEF CALENDAR OF EVENTS

EVENT	DATE
WEFTEC 2002 (Chicago, Illinois)	September 28-October 2, 2002
Joint HWEA/AWWA/ASCE Hawaii Section Biennial Water Reuse Conference (Kauai, Hawaii)	November 7-8, 2002
HWEA Annual PWO Softball Tournament (Kauai, Hawaii)	November 9-10, 2002
WEF National TMDL Science and Policy Conference (Phoenix, Arizona)	November 13-16, 2002
HWEA Winter <i>Lua Line</i> Newsletter	January 2003
25th Annual HWEA Conference (Honolulu, Hawaii)	January 29-31, 2003
WEF/AWWA/CWEA Joint Residuals & Biosolids Management Conference (Baltimore, Maryland)	February 19-22, 2003
9th Annual WEF Industrial Wastes Technical and Regulatory Conference (San Antonio, Texas)	April 13-16, 2003
WEF/EPA/HWEA Fats, Oil, & Grease / CMOM Workshop (Honolulu, Hawaii)	April 14-16, 2003
Information Management & Technology Conference and Exhibition (IM Tech) 2003 (Santa Clara, California)	April 27-30, 2003
HWEA Spring <i>Lua Line</i> Newsletter	May 2003
WEF/WEAT Collection Systems 2003 Conference (Austin, Texas)	June 2-5, 2003
HWEA Summer <i>Lua Line</i> Newsletter	September 2003
WEFTEC 2003 (Los Angeles, California)	October 11-15, 2003



HAWAII WATER ENVIRONMENT
ASSOCIATION • SINCE 1962
P.O. Box 2422 • Honolulu, Hawaii 96804
Internet Address: <http://www.hwea.org>

Presorted Standard
U.S. Postage
PAID
Honolulu, Hawaii
Permit No. 258

CHANGE SERVICE REQUESTED



Printed on recycled paper