

PEOPLE NEWS

On April 4, 2008, Jodi Yamami and Robert Spetich (of Waikoloa Water Company) were confirmed to the Board of Certification for WTPO and DSO during Conference Hearing at the State Legislature. Jodi replaces Ann Zane while Robert replaces Steven Green whose terms expires this year.

On April 11, 2008, Lan Yoneda was confirmed to the Board of Certification for WTPO and DSO during Conference Hearing at the State Legislature.

Daniel Chang (SDWB - Monitoring Section) was invited to join the AWWA Source Water Protection Committee. He became a member of the committee effective January 25, 2008. His term runs from 2008-2010.

EPA's HAWAII PROJECT OFFICER FOR GROUNDWATER AND SOURCE WATER/WELLHEAD PROTECTION PROGRAMS

Ephraim Leon-Guerrero, EPA's Hawaii Project Officer for the Groundwater and Source Water/Wellhead Protection Programs accepted a new position at EPA, Region 9, effective April 14, 2008. John Ungvarsky is the new EPA Hawaii Project Officer for Groundwater and Source Water/Wellhead Protection Programs.

Rebecca Tuden who replace Laura Bose on Large Capacity Cesspool (LCC) activities has accepted a position in the private sector doing environmental facilitation and mediation. Kate Rao will now be handling LCC. Kate may be reached at (415) 972-3533 or via email at Rao.Kate@epamail.epa.gov.

KAUAI WOMEN REPRESENT HAWAII AT AWWA ACE08

PIPE TAPPING CONTEST:

This year's women's representative at the AWWA ACE08 in Atlanta, Georgia was the County of Kauai, Department of Water Team (Ka Wai Wahine) with a time of 3:14.28 (5th place). Congratulations to Leila Kamakele, Margie Loo, Norma Imada and coach Gloria Rafael for representing Hawaii well!!



"Ka Wai Wahine"

"Ka Wai Wahine" in action.



Operator Certification

DSO Exam Passing Rate Decreases

The first Distribution System Operator (DSO) certification exam of 2008 was held in April on Oahu, Maui, and the Big Island, both Kona and Hilo. Sixty operators sat for the exam, and 18 passed for a passing rate of 30%. The passing rate is the lowest it has been in three years and

considerably lower than the last DSO Exam held in October 2007 which had a passing rate of 55%. The breakdown by grade is shown in the table below.

Examinees who will be retaking the exam in the future are encouraged to study from the specified reference material given in

Grade	Passed	Examinees	Passing Rate
1	7	24	29%
2	7	18	39%
3	1	3	33%
4	3	15	20%
Total	18	60	30%

Congratulations New Operators!

New Board Members Confirmed

Three new Board Members, Robert Spetich, Jodi Yamami and Lan Yoneda, were nominated by the Governor and confirmed by the Senate in the recent legislative session.

Robert Spetich is currently General Manager of the West Hawaii Water Company and has almost 30 years of experience in the management, design, planning and operation of water and wastewater facilities.

Jodi Yamami currently works at the Safe Drinking

Water Branch as the Operator Certification Engineer and has a background in mechanical engineering.

Lan Yoneda, a licensed civil engineer, has substantial experience in water system field operations, currently holding the position of Superintendent Field Operations Division with the Honolulu Board of Water Supply.

The new members will be replacing Stephen Green and Ann Zane whose terms expire on June 30, 2008.

the listing by the Association of Boards of Certification (ABC). Please contact Jodi Yamami of SDWB for a copy.

Congratulations to all operators who passed!

2008 Exam Dates



Exam	Apps. Due	Exam Date
WTPO	4/22/08	7/22/08
DSO	7/28/08	10/28/08

NRWA Sponsors Training

The National Rural Water Association (NRWA) is sponsoring operator certification training in the islands. The trainings were designed for both currently certified operators and those preparing for the DSO and WTPO examinations.

Each month since March, trainers have been covering two topics at six different sites. Training has been provided on Oahu, Kauai, Molokai, Maui and Hawaii,

both Hilo and Kona. The program is expected to continue thru September in the same format.

Each training session has been approved for 0.3 CEU-10s by the Board. For currently certified operators to receive credit, attendance sheets must be signed in and out for each training session.

Trainings are free of charge for everyone, and no registration or sign up is required.

THE BOARD

The next Board Meeting is **August 26, 2008.**

Submit your requests in time for review.



*Aloha Ann Zane &
Stephen Green.
Thank you for 8
years of dedication
on the Board!*

Need Training?

If you are interested in any particular training, send us your topic suggestions. Future training programs will be developed from your suggestions.

Contact Us

Contact: Jodi Yamami
Phone: 808-586-4263
Fax: 808-586-4351
Email: jodi.yamami@doh.hawaii.gov

We're on the Web!



For more information on operator certification requirements, forms & approved CEUs go to:
<http://www.hawaii.gov/health/environmental/water/sdwb/socert/operatorcert.html>



SDWB PARTICIPATES IN NAPUA NOE'AU SUMMER ENRICHMENT PROGRAM

On Thursday, June 19, 2008, Theresa Takiue and Dan Chang of the Safe Drinking Water Branch along with Belia Poy of the DHO-Hawaii Laboratory and John Kahiapo, an Education Specialist with the Department of Land and Natural Resources, Aquatics Division participated in a Water Quality/Resources Session for the Napua Noe'au Summer Enrichment Program at the Hawaii Community College in Hilo. Four learning/demonstration stations on subject including Water Conservation, Groundwater/Drinking Water Quality, Water Facts/Trivia, and computer interactive activities were set-up. Over 120 elementary school aged children participated in the program and received mini-frisbees, coloring books, pencils, and crayons.



LOOKING FOR MENTORS, KUMUS & SPEAKERS FOR HAWAII'S YOUTH

Announcing: Guest Speakers, Mentors and Workshop Presenters Wanted on All Islands!

ARE YOU: Knowledgeable about Hawaii's natural resources or native culture? Interested in seeing more Native Hawaiians in your field? Available for guest speaking engagements, workshop presentations and/or mentoring students?

DO YOU: Want to share your passion, dedication and mama'o with Hawaii's youth?

If the above describes you or your organization, then you should know Na Pua No'eau (NPN) is currently developing a Resource Database so we can better serve students by connecting our Program Coordinators with a variety of organizations and individuals within Hawaii's natural sciences and those with leadership roles in Hawaii. This database will be used Statewide to contact individuals (and/or organizations) that have indicated an interest in being involved with NPN programs as guest speakers, workshop presenters, role models, and to mentor students with an interest in their discipline. Our hope is that the database will improve NPN's ability to connect students with professionals and community leaders to build experiences in their specific areas while exposing them to the value of higher education.

Interested in being a resource for NPN program? We encourage you to work with us in shaping Hawaii's future by sharing your 'ike and mana'o with NPN na haumana. If you (OR your organization) are interested in being a guest speaker, workshop presenter or a mentor, please contact: Ho'oululahui Erica Perry, Research Mentorship Specialist, Na Pua No'eau, 200 W. Kawili Street, Hilo, HI 96720 or via phone at (808) 974-7678 or via email at hperry@hawaii.edu.

Training

7. Pumps & Motors by Joe Little. Every water plant has pumps and motors. This class will look at the different types of pumps and motors, their uses and drawbacks, as well as their operations and maintenance. Some discussion of basic electricity will be included. Since pumps are used for everything from raw and finished water, to treatment chemicals, evaluating pump efficiency, motor and pump controls, and how to determine the proper motors and pumps for any given use will be reviewed. **COMPLETED**

8. Basic Electricity/Electronics and Safety by Paul Strobe. A review of basic electrical theory and use will be combined with a look at newer electronic devices for monitoring and record keeping. This information will be combined with how to safely work around electrical equipment. Other safety matters will include working in confined spaces, and lock-out/tag-out procedures. **COMPLETED**

9. Basic Operation & Maintenance by Dale Pierson. This class is a discussion of the proper operation and maintenance of plant and distribution system equipment. This course will look at the use of operation manuals, the use of calendars and maintenance cards, and the overall importance of properly maintaining all the equipment associated with running a water treatment plant. Proper O&M will keep a plant running longer, create less work for the operator in the long run, and provide safe water at a lower cost to the customer. **COMPLETED**

10. Storage, Distribution, & Leak Detection by Rick Duncan. This course will discuss the issues surrounding getting treated water to the customers. The use of storage for fire protection, disinfection, and water demand will be discussed. The care and maintenance of storage tanks will also be reviewed. Distribution system integrity, cleaning, and maintenance will be discussed along with methods of leak detection and repair. **COMPLETED**

11. Meters & Valve Repair by Phil Bastin. This class will look at the basics of meter reading, testing, adjustment, and repair. A discussion of meter types and mechanisms will lead to an evaluation of how practical it is to perform your own maintenance of meters. The various types and uses of valves will be discussed along with common maintenance and repair procedures..

12. New Regulations by Jerry Biberstine. This class will address the new requirements for such rules as the Groundwater Rule, the LT2 Surface Water Treatment Rule, the Stage 2 Disinfection By-Products Rule, and the developing Distribution System Rule including potential changes to the Total Coliform Rule. Discussion will be on the impact of the rule, the implementation details, the health reasons behind the rules, and how to comply with the rule in the easiest and cheapest manner.

13. Math II by Matt Holmes. Advanced equations. Discussion of water related constants. Solving word problems involving areas, volumes, pumping rates, feed rates, and other related water issues will be a major part of this course. Practical application of math and the equations learned through this course will be stressed.

14. Disaster Preparedness by Dan DeMoss. This class will be devoted to the discussion of how to plan for and handle emergencies that may befall a water system. The impacts of hurricanes, tornadoes, floods, fire, power outages, and other emergencies will be discussed.

Locations

A - State Laboratories Division Auditorium, 2725 Waimano Home Road, Pearl City, Oahu, 96782

B - Department of Agriculture Conference Room, 4398A Pualoke St., Lihue, Kauai, 96766

D - Department of Hawaiian Homelands, Kulana Oihi Bldg., 600 Maunaloa Hwy., Kaunakakai, Molokai, 96748

E - State Building Conference Room B, 54 High St., Wailuku, Maui, 96793

F - Environmental Health Services Facility Conference Room, 1582 Kamehameha Ave., Hilo, Hawaii, 96720

G - Natural Energy Laboratory of Hawaii Authority, 73-4460 Queen Kaahumanu Hwy., Kailua-Kona, Hawaii 96740

* Tentative, please call for information.

CONTACT NRWA: Jerry Biberstine (303) 747-5992 or Paul Strobe (405) 432-4274 For More Information.

NRWA OPERATOR TRAINING SCHEDULE

	<u>Island</u>	<u>Time</u>	<u>Location</u>	<u>Training</u>
6/2/08	Oahu	9:00am - 12:00pm	A	7
6/2/08	Oahu	1:00pm - 4:00pm	A	8
7/7/08	Oahu	9:00am - 12:00pm	A	9
7/7/08	Oahu	1:00pm - 4:00pm	A	10
8/4/08	Oahu	9:00am - 12:00pm	A*	11
8/4/08	Oahu	1:00pm - 4:00pm	A*	12
9/8/08	Oahu	9:00am - 12:00pm	A*	13
9/8/08	Oahu	1:00pm - 4:00pm	A*	14
6/4/08	Kauai	9:00am - 12:00pm	B	7
6/4/08	Kauai	1:00pm - 4:00pm	B	8
7/9/08	Kauai	9:00am - 12:00pm	B	9
7/9/08	Kauai	1:00pm - 4:00pm	B	10
8/6/08	Kauai	9:00am - 12:00pm	B	11
8/6/08	Kauai	1:00pm - 4:00pm	B	12
9/10/08	Kauai	9:00am - 12:00pm	B	13
9/10/08	Kauai	1:00pm - 4:00pm	B	14
6/6/08	Molokai	9:00am - 12:00pm	D	7
6/6/08	Molokai	1:00pm - 4:00pm	D	8
7/11/08	Molokai	9:00am - 12:00pm	D	9
7/11/08	Molokai	1:00pm - 4:00pm	D	10
8/8/08	Molokai	9:00am - 12:00pm	D	11
8/8/08	Molokai	1:00pm - 4:00pm	D	12
9/12/08	Molokai	9:00am - 12:00pm	D	13
9/12/08	Molokai	1:00pm - 4:00pm	D	14
6/9/08	Maui	9:00am - 12:00pm	E	7
6/9/08	Maui	1:00pm - 4:00pm	E	8
7/14/08	Maui	9:00am - 12:00pm	E	9
7/14/08	Maui	1:00pm - 4:00pm	E	10
8/11/08	Maui	9:00am - 12:00pm	E	11
8/11/08	Maui	1:00pm - 4:00pm	E	12
9/15/08	Maui	9:00am - 12:00pm	E	13
9/15/08	Maui	1:00pm - 4:00pm	E	14

6/10/08	Hilo	9:00am - 12:00pm	F	7
6/10/08	Hilo	1:00pm - 4:00pm	F	8
7/15/08	Hilo	9:00am - 12:00pm	F	9
7/15/08	Hilo	1:00pm - 4:00pm	F	10
8/12/08	Hilo	9:00am - 12:00pm	F	11
8/12/08	Hilo	1:00pm - 4:00pm	F	12
9/16/08	Hilo	9:00am - 12:00pm	F	13
9/16/08	Hilo	1:00pm - 4:00pm	F	14
6/12/08	Kona	9:00am - 12:00pm	G	7
6/12/08	Kona	1:00pm - 4:00pm	G	8
7/17/08	Kona	9:00am - 12:00pm	G*	9
7/17/08	Kona	1:00pm - 4:00pm	G*	10
8/14/08	Kona	9:00am - 12:00pm	G*	11
8/14/08	Kona	1:00pm - 4:00pm	G*	12
9/18/08	Kona	9:00am - 12:00pm	G*	13
9/18/08	Kona	1:00pm - 4:00pm	G*	14

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Please send your suggestions, ideas, questions or comments to:

THE WATER SPOT 2008
Safe Drinking Water Branch
State Department of Health
919 Ala Moana Blvd., Room 308
Honolulu, Hawaii 96814

Fax us at (808) 586-4351,
Attn: “THE WATER SPOT 2008”

SDWB WEB SITE:
<http://www.hawaii.gov/health/environmental/water/sdwb>



LINDA LINGLE
Governor of Hawaii

CHIYOME LEINAALA FUKINO, M.D.
Director of Health

LAURENCE K. LAU
Deputy Director for
Environmental Health

We provide access to our activities without regard to race, color, national origin (including language), age, sex, religion, or disability. Write or call our Affirmative Action Officer at Box 3378, Honolulu, HI 96801-3378 or at (808) 586-4616 (voice) within 180 days of a problem.

The Water Spot 2008 (June/July 2008)
Safe Drinking Water Branch
Environmental Management Division
Hawai`i Department of Health
919 Ala Moana Boulevard, Room 308
Honolulu HI 96814

