

BILL WONG, SDWB CHIEF RETIRES

On January 31, 2006, after 34 years of service with the Hawaii Department of Health, Bill Wong retired. A retirement luncheon was held in his honor on February 1, 2006 at the Willows Restaurant.

William "Bill" Wong is a graduate of California State University at Long Beach with a degree in Civil Engineering. Upon graduation, he worked for the City of Long Beach Water Department for several years gaining experience in the drinking water field before returning to Hawaii.

He returned to Hawaii to work with the Hawaii Department of Health in the Sanitary Engineering Branch which at that time covered all the environmental programs such as wastewater, clean water, drinking water, clean air, hazardous waste, etc. These programs have grown substantially due to the enormous emphasis on environmental protection over the past decades.

Bill Wong has been the program manager for the Safe Drinking Water Branch since 1991. The branch regulates the drinking water quality of public water systems, administers the underground injection control program, groundwater protection program, trains and certifies water treatment plant and distribution system operators, administers the Drinking Water State Revolving Fund, implements the source water assessment and protection program, administers the State's cross-connection control program, conducts reviews for approval of new sources of drinking water and major modifications to drinking water distribution systems, and conducts security trainings/seminars for water systems.

The staff of the Safe Drinking Water Branch wish him the best in his retirement and that he will remember his years in the SDWB with fond memories.



Howzit, Howzit!!

By the time you read this, I will already be enjoying retirement. It has been such an emotional experience first in deciding to retire and then to finally do it (knowing that I would no longer be involved with and working with many of you). I would like to thank the staff of the Safe Drinking Water Branch and others that I have had the pleasure of working with over the many years for their support and friendship. I know that you will all continue to work hard in keeping Hawaii's drinking water safe.

Best wishes to all. Aloha, Bill

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CHANGING FACES IN HAWAII'S DRINKING WATER COMMUNITY:

Retirement

Wayne Hinazumi (Kauai Department of Water), December 2005
Glenn Ahuna (Hawaii Department of Water Supply), December 2005
Glen Bauer (Commission on Water Resources Management), November 2005
David Higa (Commission on Water Resources Management), December 2005

New Jobs

Edward Tschupp (Kauai Department of Water moves to Kauai Department of Public Works-Wastewater), effective February 31, 2006. Wynne Ushigome is the Acting Manager of the Kauai Department of Water.

New People

Clifford Lum (New Manager and Chief Engineer, Honolulu Board of Water Supply)

Safe Drinking Water Branch

The Acting Branch Chief: for the immediate future this position will be alternated between Stuart Yamada, Engineering Section Supervisor (February 2006) and Ann Zane, Compliance Section Supervisor (March 2006). Daniel Chang has been selected as the Monitoring Section Supervisor, effective March 1, 2006.

SAFE DRINKING WATER TOOLS FOR PUBLIC WATER SYSTEMS

What is the Safe Drinking Water Tools CD?

EPA's Office of Groundwater and Drinking Water (OGWDW) has produced a compedium of products in CD format called Safe Drinking Water Tools for Public Water Systems. The Safe Drinking Water Tools CD and companion website will provide a one-stop knowledge portal for many of OGWDW's products and tools already in print.

Why was this CD developed?

The National Drinking Water Advisory Council suggested that OGWDW compile products and tools useful to public water systems from the EPA website and make them available in one central location. These resources, though all located on the internet, currently require some effort to find. Also, by collecting them on an interactive CD-ROM, EPA has made critical drinking water information much easier to access.

Who will benefit from using this CD?

This product package will be beneficial to all public water systems and will greatly aid EPA's Safe Drinking Water Act implementation efforts for small systems. Due to CD's user-friendly format, system owners and operators will be able to seek out drinking water information in a timely manner.

How will the CD be distributed?

OGWDW will release 3,000 copies of the first version of this CD product. Distribution will occur through targeted mailing and by request through the National Service Center for Environmental Publications (NSCEP). To order a copy of this CD, please call 1-800-490-9198 and refer to EPA #816-C-05-003. For more information on ordering, visit <http://www.epa.gov/ncepihom/ordering.htm>, the National Service Center for Environmental Publications. It is anticipated that a second version of this CD will have a wider distribution.

How do I use this CD?

This CD will run automatically upon insertion into your CD-ROM drive. Documents may be accessed through "Browse this CD," a menu-based navigation system or through "Search this CD," a java-based search utility.

How do I find out more?

To learn more about Safe Drinking Water Tools for Public Water systems, please visit the EPA website at <http://www.epa.gov/safewater/pws/tools>. This website acts as an addendum to the CD by including additional and very new materials that will be added to the next version. It also includes information on how to obtain a copy of the CD.

January Water Treatment Plant Operator Exam Results

Exam results. The 1st 2006 Water Treatment Plant Operator (WTPO) certification exams were held on Oahu, Maui, and the Big Island (Hilo and Kona) in late January. Twelve operators sat for the exam, and four passed for a passing rate of 33%. The overall passing rate for the last DSO exam (given in April) was 40%, so the passing rate declined a little. The breakdown by grade is as follows:

Grade	Passed	# of Examinees	Passing Rate	Passing Rate - July 05
1	3	7	43%	25%
2	1	4	25%	33%
3	n/a	0	n/a	n/a
4	0	1	0%	67%
total	4	12	33%	40%

Hats off to those operators who passed the exam, and to everyone who took the time to study!

2006 exam dates. Please make note of upcoming exam dates and deadlines:

Certification exam	Applications Due	Exam Date
Distribution System Operator (DSO)	1/25/06	4/25/06
WTPO	4/25/06	7/25/06
DSO	7/31/06	10/31/06

CEU approval. If your DSO or WTPO certification expires on 11/30/06, you will receive a renewal reminder this spring, along with a listing of your CEUs recorded to date. If you need to have other CEUs *approved* and recorded, please fill out the Course Approval form (purple) and send it in as soon as possible. *The Board of Certification must review and approve CEUs for credit, and the board only meets quarterly (in February, May, August and November).*

If you need to *take* courses for CEUs, you can refer to the pink "Approved CEUs" sheet for ideas. **The UH Outreach College taught seven courses in August, and will teach more courses this summer.** Several other options available now are: AWWA-Hawaii section workshops, Statewide Wastewater Operator Training Center courses, correspondence courses through California State University at Sacramento (CSUS), or online courses through AWWA and CSUS.

Please note that we have revised our internal CEU tracking system so that 10 contact hours equals one "CEU-10". We changed the system to simplify the conversion of contact hours to CEUs, and also because most other states use the 10-hour standard. *The number of contact hours you must earn to renew will remain the same as it has been.* Grade 1 or 2 operators will need eight contact hours (0.8 CEU-10s). Grade 3 or 4 operators will need 16 contact hours (1.6 CEU-10s) per two-year renewal period.

Application for certification. You can download copies of the DSO or WTPO certification application form (and exam registration form) from the DOH SDWB website at: <http://www.hawaii.gov/health/environmental/water/sdwb/index.html>. You can also call Ann Zane or Kumar Bhagavan at 586-4258 for copies of these forms.

AWWA HAWAII SECTION WORKSHOP ON SURFACE WATER HELD ON KAUAI

The AWWA Hawaii Section recently held a workshop on the Garden Isle of Kauai. The workshop, “**Surface Water on Kauai, A Public-Private Partnership**”, answered questions not only on Public-Private Partnerships but also on the operations and the rules governing surface water.

On Kauai, Grove Farm Water Purification Facility will provide approximately 3 million gallons a day of membrane filtered water to the Garden Isle. Kauai’s newest water facility is proof that partnerships between the private and public sector are possible and can be beneficial to everyone.

The Surface Water Workshop was held on February 23-24, 2006 at the Kauai Beach Hotel and Resort, 4331 Kauai Beach Drive, Lihue, Hawaii.

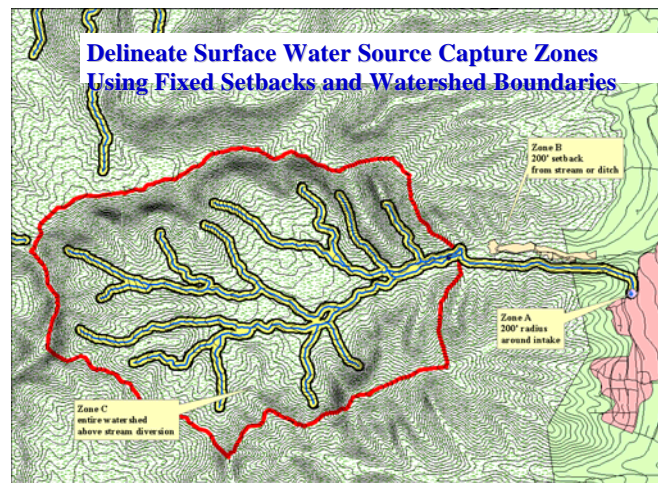
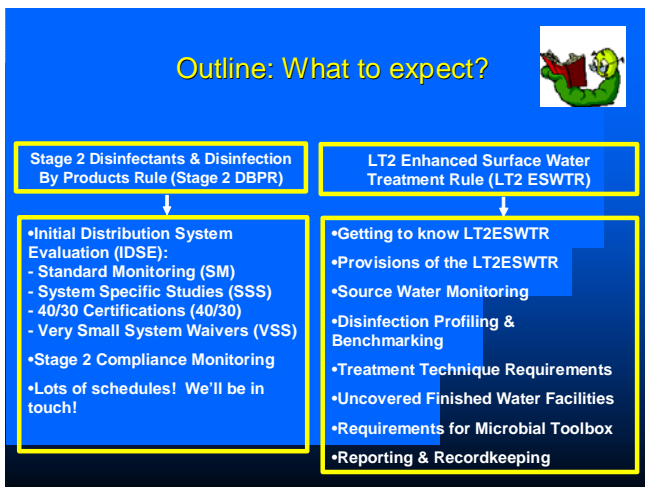
The workshop agenda included presentations on Thursday (February 23) by:

Edward Tschupp, former Director, Kauai Department of Water, “Surface Water on Kauai, A Public-Private Partnership”, **Walt Hager**, Maui Department of Water Supply, “Daily Operations of a Surface Water Plant”, **Paul Schuler**, Regional Manager, Zenon Environmental, “Everything You Wanted to Know About Membrane Treatment”, and **Kevin Baughman**, Rural Community Assistance Corporation, “Operator Training and How the RCAC Can Help Your Utility”.

Presentations were also made by Safe Drinking Water Branch staff:

Mike Miyahira, “Rules and Regulations Regulations Governing Surface Water”.

Daniel Chang, “Source Water Assessment and Protection Pertaining to Surface Water”.



The workshop concluded on Friday (February 24):

with a Panel Discussion with Questions and Answers designed to answer questions on partnerships, surface water, chemical adjustments, plant design, construction, operation, source water, and anything else concerning surface water. The day ended with a tour of Kauai’s newest water facility, the “Grove Farm Water Purification Facility”.

CLARIFICATION OF NEW DRINKING WATER REGULATIONS CHART

This section attempts to clarify the New Drinking Water Regulations Chart, previously presented in the January 2006 issue of “The Water Spot.” **EPA Proposed** means the date that the rule was proposed or expected to be proposed in the Federal Register. **EPA Final** means the date the rule was finalized or expected to be finalized in the Federal Register. **Compliance** means the date water systems are expected to meet compliance with this rule. **State Rule Status** identifies the status of the SDWB meeting the rule requirements. (**Completed**: rule incorporated into State Rules; **On-going**: SDWB is actively preparing rule primacy packages for submittal to EPA and being revised in State Rules, due date listed; **11/28/05**: rules were incorporated into the latest State Rule Revision; and the “?”: compliance requirements not determined and no State Rule Revisions being prepared.)

WHERE ARE THE NEW DRINKING WATER REGULATIONS?

Chemical Contaminant Regulations	EPA Proposed	EPA Final	Compliance	State Rule Status
Revision of Unreg. Cont. Mon. (CWS + NTNCWs > 10,000 and a sample of Cws + NTNCWs < 10,000) (CYCLE 1 2001-2005)	4/30/99	9/99	1/01	Completed
Unregulated Contaminant Monitoring (CYCLE 2 2007-2009)	8/22/2005	6/2006	7/2007	State entered into Agreement with EPA
Aircraft (ICC) Rule	9/2007	2008	?	NA/EPA Rule
Radon (CWS on groundwater only)	11/99	2006 or later	?	?
Lead and Copper Minor Revisions to 1991 Rule	4/12/96	1/12/00	4/11/00	Completed
Lead and Copper Targeted Revisions	12/2005	12/2006	?	?
Radionuclides (uranium+radium+ gross alpha +beta & photon emitters) (CWS +by state option NTNCWS)	proposed 7/18/91 NODA 4/21/00	12/7/00	12/07/03	On-going (Past due: 12/7/04)
Arsenic (MCL applies to CWS + NTNCWs) (and compl. determ. for orgs.+inorgs.)	6/22/00 rounding clarification 12/23/02	1/22/01 rounding clar. 3/25/03	7/1/02 (CCRs) 1/23/04 (compl. determ.) 1/23/06 (MCL)	11/28/05 CH. 20 Revision
Reporting Regulations	Proposed	Final	Compliance	
Public Notification	5/13/99	5/4/00	10/31/00 (DI) 5/6/02 (others)	11/28/05 CH. 20 Revision
Consumer Confidence Reports	2/13/98	819/98	10/19/99	Completed
Microbiological Contaminant Regulations	Proposed	Final	Compliance	
Interim Enhanced SWTR (IESWTR) micro/crypto control SW + GWUDI systems serving population > 10,000	7/94 ----- 7/13/00 (minor mod)	12/98 ----- 1/16/01 (minor mod)	12/01 ----- 1/1/02	Completed
Stage 1 Disinfectants/DBP (D/DBP) control SW (C + NTNC + some TNC) systems serving pop. > 10,000 SW (C+ NTNC + some TNC) systems serving pop. < 10,000 & all GW	7/94 ----- 7/13/00 (minor mod)	12/98 ----- 1/16/01 (minor mod)	----- 1/1/02 1/1/04	Completed
Filter Backwash Recycling SW systems that recycle	4/10/00	6/8/01	12/8/03	11/28/05 CH. 20 Revision
Long Term 1 Enhanced SWTR (LT1ESWTR) SW + GWUDI systems serving population < 10,000	4/10/00	1/14/02	beginning 3/15/02	11/28/05 CH. 20 Revision
Stage 2 Disinfectants/DBP (CWS & NTNCWS adding disinfectants)	8/18/2003	1/2006	beginning 6/30/06	On-going (Due: 1/2008)
Long Term 2 Enhanced SWTR (LT2ESWTR) (all systems on SW and GWUDI)	8/11/03	1/2006	beginning 3/30/06	On-going (Due: 1/2008)
Ground Water (all systems on GW)	5/10/00	8/2006 (expected)	?	?
Total Coliform Rule Revisions w/ Distribution Sys. Elements	2006?	?	?	?

Updated: 11/22/2005
Updated: 03/03/2006

By: Jon Merkle (USEPA, Region 9)
By: Daniel Chang (DOH - SDWB) - State Rule Status

MARK YOUR CALENDAR: AWWA HAWAII SECTION ANNUAL CONFERENCE

The AWWA Hawaii Section announces its 32nd Annual Conference titled, "Innovation in Water Technologies for Preparedness, Security and Longevity" on May 9th - 12th, 2006 at the Renaissance Ilikai Hotel - Honolulu, Hawaii.

The Hawaii Section of the AWWA has sought papers from local agencies and firms to share their project experiences that they feel are significant to Hawaii's water industry. The conference hopes to address a wide variety of topics related to the water supply industry with an emphasis on (but not limited to) the following topics: water conservation; water reuse; water quality; new resources and technologies; technical: operations and engineering; emerging technologies; government affairs; regulatory issues; security; small systems, wastewater issues; customer service; and community relations/outreach.

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

THE WATER SPOT 2006
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 2006"

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



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Deputy Director for
Environmental Health

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The Water Spot 2006 (February/March 2006)
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