

SDWB PRESENTS AWARDS TO STATE SCIENCE FAIR WINNERS FOR GROUNDWATER or DRINKING WATER PROJECTS

As part of our continuing effort to promote ground water and drinking water in the Hawaii Education System, the Department of Health, Safe Drinking Water Branch participated in the 49th Annual Hawaii State Science Fair held April 3-5, 2006 at the Neal Blaisdell Center Exhibition Hall. One of the key elements to a successful ground water and drinking water program is the education and awareness of the public. One of the best ways to educate the public is by educating students about our water resources. By funding activities such as providing awards to the State Science Fair, we hope to further student interest in science and the utilization and protection of our water resources.

This year, the Safe Drinking Water Branch reviewed the following drinking water/groundwater-related projects:

Junior Research:

- (1) **Botany:** Meimei Nakahara, Hawaii Preparatory Academy, "Does Fluoridated Water Affect the Growth of Plants"
- (2) **Chemistry:** Natasha Leonard, Kealakehe Intermediate School, "Tap & Bottled Water: How Pure is Pure?"

Senior Research:

- (3) **Environmental Science:** Jester Galiza, James Campbell High School, "Got Clean Water?"
- (4) **Environmental Science:** Kristin Inouye, Pearl City High School, "Water Purification"
- (5) **Environmental Science:** Emma Louise Leonard, Kealakehe High School, "A Toxic Bioassay of Golf Course Runoff in Adjacent Anchialine Ponds"
- (6) **Environmental Science:** Cherilyn Visarra and Reysilen Agnacin, James Campbell High School, "What's In Your Water"
- (7) **Medicine & Health:** Kimberly Flores and Delsy Acio, Waipahu High School, "Is It Safe to Drink? Investigating the Cleanliness of School Water Fountains"
- (8) **Medicine & Health:** Jennifer Mariano and Marvilyn Tomas, Waipahu High School, "Thirsty? Investigating the Sanitation of Water Fountains in Leeward District Parks"

Each students judged received a Groundwater Poster and an Department of Health - Wellhead Protection T-shirt.



Left: SDWB judges Mike Miyahira, Sharon Nekoba, and Mel Hamano listen to Kristin Inouye explain her science fair project.

On the Spot:

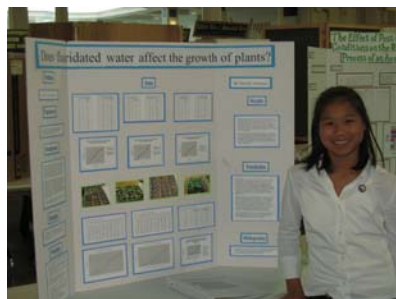
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Now in our third year, the Safe Drinking Water Branch judges (Mel Hamano, Michael Miyahira, Sharon Nekoba, Daniel Chang, and Bill Wong (retired)) selected the following winning projects:

Meimei Nakahara
Hawaii Preparatory Academy
“Does Fluoridated Water Affect the Growth of Plants?”

Selected for: Outstanding Individual Junior Research Project in any subject category related to groundwater/drinking water.

Received Certificate of Achievement, \$100 Cash Award.



Natasha Leonard
Kealahou Intermediate School
“Tap & Bottled Water: How Pure is Pure?”

Selected for: Outstanding Individual Junior Research Project in any subject category related to groundwater/drinking water.

Received Certificate of Achievement, \$100 Cash Award.



Kristin Inouye
Pearl City High School
“Water Purification”

Selected for: Outstanding Individual Senior Research Project in any subject category related to groundwater/drinking water.

Received Certificate of Achievement, \$200 Cash Award.



Kimberly Flores and Delsy Acio
Waipahu High School
“Is It Safe to Drink? Investigating the Cleanliness of School Water Fountains”

Selected for: Outstanding Team Project in any subject category related to groundwater/drinking water.

Received Certificate of Achievement, \$100 Cash Award.



Jester Galiza
James Campbell High
“Got Clean Water”

Selected for: Individual Project in any subject category related to water quality.

Received Certificate of Achievement, \$50 Cash Award.



The Safe Drinking Water Branch will continue to work with the Hawaii Academy of Science, School Science Fair Coordinators, and teachers to increase interest in Environmental Science and Water Resources.

NOTICE OF PUBLIC PARTICIPATION AND INPUT ON THE PROPOSED DRINKING WATER TREATMENT REVOLVING LOAN INTENDED USE PLAN FOR THIS FISCAL YEAR

**Notice of Public Participation and Input on the Proposed
Drinking Water Treatment Revolving Loan Fund Intended Use Plan for the State of Hawaii Fiscal
Year 2007 and
the Federal Fiscal Year 2006 Appropriation**

The State of Hawaii Drinking Water Treatment Revolving Loan Fund, also known as the Drinking Water State Revolving Fund (DWSRF), is required to develop an Intended Use Plan each year as part of the U.S. Environmental Protection Agency's (EPA)- DWSRF grant requirements. EPA grants monies to the State of Hawaii annually to construct drinking water infrastructure and support other drinking water programs.

For State Fiscal Year 2007, the Hawaii DWSRF program expects to receive approximately \$8,352,500 in Federal Funds. The Intended Use Plan explains how the new and existing funds will be used towards construction projects on the Priority List of Projects and towards other activities that support drinking water branch activities.

On April 3, 2006, the Drinking Water State Revolving Fund (DWSRF) program will publish a public notice statewide in the Honolulu Star Bulletin, the Hawaii Tribune-Herald, the West Hawaii Today, The Maui News, and The Garden Isle newspapers. The public notice period will be open from **April 3, 2006 - May 5, 2006** in which the program will accept comments. Upon written request, a public hearing may be scheduled. All comments and/or requests for a public hearing must be received by the Safe Drinking Water Branch by **May 5, 2006**.

Information regarding the Intended Use Plan may be obtained by writing or calling the Safe Drinking Water Branch, 919 Ala Moana Boulevard, Rm 308, Honolulu, Hawaii 96814, (808) 586-4258.

DENISE MANUEL MOVES TO THE DEPARTMENT OF LAND & NATURAL RESOURCES

On April 10, 2006, the Safe Drinking Water Branch lost another one of its valuable staff as Denise (Dang) Manuel, an engineer with the Engineering Section, accepted a job with the Hawaii Department of Land and Natural Resources (DLNR).

Denise joined the Safe Drinking Water Branch (SDWB) as an engineer with the Engineering Section in June 1999, moving over from the Health Department's Wastewater Branch. While with the SDWB, Denise was responsible for the challenging and difficult implementation of the Drinking Water Treatment Revolving Loan Fund Program. During her involvement, the DWTRLFP has loaned over \$45 Million to County Water Departments to improve drinking water systems and infrastructure.



The staff of the Safe Drinking Water Branch bid her farewell and best wishes on her new job opportunity.

AWWA HAWAII SECTION ANNUAL CONFERENCE

The 2006 AWWA Hawaii Section Conference Committee invites you to attend our 32nd Annual Conference. We are proud to present “**Innovation in Water Technologies for Preparedness, Security & Longevity**” as this year’s conference theme.

Listed below are highlights of the activities planned for this year’s conference. Please refer to the rest of this conference registration packet for additional details. **One additional note:** We have applied for CEUs for our pre-conference workshop and our main conference technical sessions. (We will update CEU information and post it on our local website).

PRE-CONFERENCE WORKSHOP: This year we tentatively have a one-day workshop planned that will discuss Emergency Response. The topics to be addressed will be of interest to a broad range of our members. The purpose of the workshop is to provide emergency responders such as water system employees with an understanding of how to prepare for a water system emergency, what tools are available to help, who they must coordinate with, regulations affecting them, and lessons learned from those who have experienced recent natural disasters.

TECHNICAL SESSIONS: Topics will include discussions on sustainability, operation and maintenance techniques and materials, asset management, and so much more. EPA representatives will be presenting on the latest regulation updates (including the LT2 Enhanced Surface Water Treatment Rule, and Proposed Groundwater Rule). Also, we are pleased to announce a Hawaii Water Industry Forum and Roundtable Discussion to provide our attendees with an opportunity to hear and discuss Hawaii’s water industry concerns.

TRADESHOW: We are expecting a full house at our tradeshow this year so save some of your time to stop-by and visit with our exhibitors. Please note suggested exhibitor hours listed in the attached conference schedule.

UH STUDENT POSTER CONTEST: Back again! In efforts to introduce budding University of Hawaii engineers with today’s water industry, and vice versa, our poster contest will demonstrate the knowledge and talent that we can look forward to working with someday.

FIELD TRIP: Not usually open to the general public, we have arranged a rare and impressive in-depth tour of Navy Region Hawaii’s Red Hill Underground Fuel Tank Facility.

CONTESTS: Come and enjoy the conference favorites: the “Ono Water” tasting contest and ever-exciting pipe tapping contest (featuring last year’s Association Champions - the Honolulu Board of Water Supply’s Women’s Team, Na Wahine o Ka Wai)!

GUEST SPEAKERS AND SPECIAL CONFERENCE EVENTS: Guest speakers include AWWA President-Elect, Nilaksh J. Kothari and Governor Linda Lingle (invited conference keynote speaker). Section awards will be presented during lunch on Thursday.

SOCIAL ACTIVITIES: Please join us at our Meet and Greet (sponsored by the tradeshow exhibitors) on Wednesday afternoon and our Thursday night banquet. Don’t forget to start arranging your groups for the scheduled golf and tennis tournaments!

We are looking forward to your attendance at our 32nd annual conference. Please register early to take advantage of our “**Early Bird**” registration rates, and check our website, www.awwa-hi.org for conference updates.

Dawn Barsana, 2006 HI-AWWA Conference Chairperson

If you have any questions regarding the upcoming conference, please contact Dawn by phone: 1-800-440-0254, e-mail: dawn.barsana@ch2m.com, or by mail at: Dawn Barsana, c/o CH2M Hill, 1585 Kapiolani Boulevard, Suite 1420, Honolulu, Hawaii 96814.

**AWWA-Hawaii Section Annual Conference
Wednesday-Friday, May 10-12, 2006
Renaissance Ilikai Hotel - Honolulu, Hawaii
“Innovation in Water Technologies for Preparedness, Security & Longevity”**

Some of the invited speakers include:

Ramsay Taum, Sustain Hawaii	“Connecting Hawaii’s Past to Hawaii’s Future: Water Use”
Mike Miyahira, DOH, SDWB	“USEPA Microbial Drinking Water Regulations I: Long Term 2 Enhanced Surface Water Treatment Rule and Proposed Ground Water Rule”
Barry Pollock, USEPA, Region IX	“USEPA Microbial Drinking Water Regulations II: Implications of the Newly Promulgated Stage 2 Disinfectant By-Product Rule (S2DBPR) for Water Systems in Hawaii” “USEPA Microbial Drinking Water Regulations III: The Second Cycle of EPA-Enforced Unregulated Contaminant Monitoring Rule and Water Systems in Hawaii”
Dave DiSera, EMA, Inc. & Holly Takara, Honolulu BWS	“GIS and CMMS Integration - Enabling Better Asset and Work Management”
Greg Smith, CH2M Hill	“Design-Build: A Constructor’s Perspective”
Kevin Baughman, RCAC	“Your Drinking Water System, Gaining Public Awareness and support Through an Apprentice Training Program”
Dr. Andrew Eaton, MWH Labs	“Getting Ready for UCMR2”
Michael Casteel, Water Quality Bureau, San Francisco Public Utilities Commission	“Evaluation of Rapid Methods for Toxicity Screening of Chloraminated Drinking Water”
Mike Tallering, Clean Environmental Concepts, Inc.	“Activated Carbon Adsorption Used in Hawaii to Treat EDB, DBCP, and Low Level Organics in Water”
Dr. Steven Duranceau, Boyle Engineering	“Upcountry Maui Corrosion Control: Scratching Out a Solution”
Michael H. Furukawa, Grove Farm Company	“The Kauai Plantation House Water Quality Study: Quick, Reliable and Effective”
Richard Cuthbert, RW Beck	“Asset Management in Action: Use of a Triple Bottom Line Approach to Prioritize Capital Needs”
Eric Rothstein, CH2M Hill	“Riding Giants: The Big Wave of Financial Challenges on Oahu”
Lawrence Leong, Kennedy/Jenks Consultants	“Potential Impacts of Nanoparticles on Water Reclamation”
Scott Wales, AW Chesteron Co.	“How to Prevent and Protect Equipment Surfaces from Corrosive And Erosive Wear”
Elizabeth Kawczynski, AWWA-RF	“An Update to the Strategic Assessment of the Future of Water Utilities”

Subject to change, please see the AWWA Hawaii Section website at www.awwa-hi.org for updated information.

For additional information, registration fees, and how to register, please contact Lorrie Shiraishi at (808) 748-5215 or (808) 550-9010 (fax) or Ishiraishi@hbws.org (E-mail)



SDWB NOTES

DATES TO REMEMBER

Consumer Confidence Reports

Reports due to water customers by:
Report Certifications due to DOH by:

July 1, 2006
October 1, 2006



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>



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 2005 (April/May 2006)
Safe Drinking Water Branch
Environmental Management Division
Hawai'i Department of Health
919 Ala Moana Boulevard, Room 308
Honolulu HI 96814

