

SDWB PRESENTS AWARDS TO STATE SCIENCE FAIR WINNERS FOR GROUNDWATER/DRINKING WATER and ENVIRONMENTAL SCIENCES 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 51st Annual Hawaii State Science Fair held March 31 - April 2, 2008 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.

Now in our fifth year, the drinking water judges (Mel Hamano and Daniel Chang of the Safe Drinking Water Branch, Hudson Slay of the Clean Water Branch's Polluted Runoff Program, and Bill Wong-retired Chief of the Safe Drinking Water Branch) selected the following drinking water/groundwater-related and environmental sciences projects for awards:

SENIOR DIVISION

Dreana Valenciano
Kauai Intermediate/High School
"Traveling Bacteria"

Selected for: Outstanding Individual Senior Research Project related to groundwater/drinking water. First Place
Received Certificate and \$200 Cash Award.

Shelby Nacino
St. Andrew's Priory
"Phytoremediation of Nitrates in Water"

Selected for: Outstanding Individual Senior Research Project in Environmental Sciences related to Water.
Received Certificate and \$100 Cash Award.

Jaime Teshima and JodiAnn Tomooka
Baldwin High School
"Is it Worth the Risk?"

Selected for: Outstanding Team Project related to groundwater/drinking water.
Received Certificate and \$150 Cash Award.



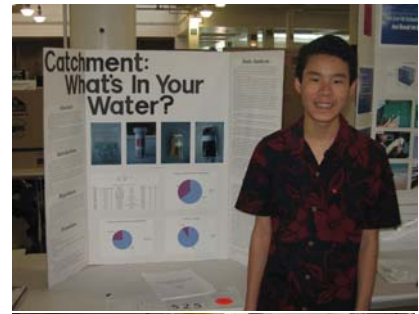
JUNIOR DIVISION

Mark Seu

Waiakea Intermediate School

“Catchment: What is in Your Water?”

Selected for: Outstanding Individual Junior Research
Project related to groundwater/drinking water. First Place
Received Certificate and \$150 Cash Award.



Marisa Swiderski

Kahuku High & Intermediate School

“Water Purification Methods”

Selected for: Outstanding Individual Junior Research
Project related to groundwater/drinking water.
Received Certificate and \$100 Cash Award.



Jaime Apo

Mililani Middle School

“How Pure is Your Water?”

Selected for: Outstanding Individual Junior Research
Project related to groundwater/drinking water. Honorable Mention
Received Certificate and \$50 Cash Award.

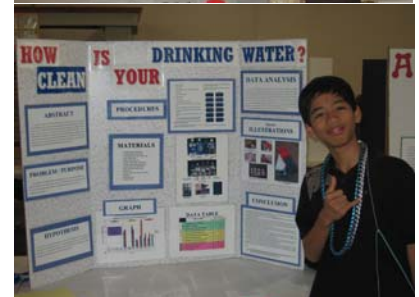


Tyler Dahilig

Mililani Middle School

“How Clean is Your Drinking Water?”

Selected for: Outstanding Individual Junior Research
Project related to groundwater/drinking water. Honorable Mention
Received Certificate and \$50 Cash Award.



Tracee Fukunaga

Hilo Intermediate School

“Arsenic Levels in East Hawaii”

Selected for: Outstanding Individual Junior Research
Project in Environmental Sciences related to Water.
Received Certificate and \$50 Cash Award.



Rei Izawa

Hilo Intermediate School

“Using *Daphnia magna* to Measure Watershed”

Selected for: Outstanding Individual Junior Research
Project in Environmental Sciences related to Water.
Received Certificate and \$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.

**WELLHEAD PROTECTION - FINANCIAL ASSISTANCE PROGRAM FUNDING
AVAILABLE TO PUBLIC WATER SYSTEMS FOR DEVELOPING AND IMPLEMENTING
DRINKING WATER PROTECTION PROGRAM/ACTIVITIES**

The Safe Drinking Water Branch has amended its Wellhead Protection Program Plan to include a Financial Assistance Program. The Financial Assistance Program will allow for the utilization of Drinking Water State Revolving Fund - 15% Setaside Funds for wellhead protection planning and implementation activities.

WHO IS ELIGIBLE TO APPLY?

Public water systems that utilize groundwater as its source of water, exclusive of federally owned public water suppliers, may qualify for financial assistance.

Others such as a not-for profit organization, government agency, planning agency, educational institution, or community group may qualify for financial assistance if they are working with a public water system or are part of a public water systems Source Water/Wellhead Protection Plan. Applicants must show proof of this requirement when applying.

Applicants must show that their activities benefits/protects drinking water sources and that they are authorized to develop and implement the protection planning and/or implementation activities.

WHAT ARE THE ELIGIBLE ACTIVITIES FOR FUNDING?

Protection planning and implementation activities are eligible for funding. Eligible planning activities will include (but are not limited to): local wellhead protection workgroups; preparing wellhead protection programs and plans; prioritizing land for protection/control; preparing county water and planning documents that incorporate drinking water source protection (for existing and future water sources). Eligible implementation activities will include (but are not limited to): educating public officials, businesses, students, and residents; removing leaking underground storage tanks and cesspools/septic systems in protection areas; posting wellhead protection signs/markers around protection areas; providing technical assistance to small business, industries, and farmers; and funding a local staff person to conduct wellhead protection activities such as inspecting potential contaminating activities. Other activities may qualify for funding. Those activities should be discussed with the Program Coordinator.

Land acquisition, infrastructures and construction are ineligible for funding under this financial assistance program.

HOW TO APPLY?

There are several ways to apply for financial assistance:

- (1) The financial assistance program information and application will be available on the SDWB website and can be downloaded from the website.
- (2) The Safe Drinking Water Branch (SDWB) will be mailing the Wellhead Protection - Financial Assistance Program information and application to all qualifying public water system by May 23, 2008.
- (3) The SDWB's Source Water/Wellhead Protection Coordinator will attempt to attend the NRWA Training on Source Water Protection and will be available after the training to talk to interested/potential applicants. (See next page for the schedule of NRWA Training on Source Water Protection)
- (4) Contact the Safe Drinking Water Branch's Source Water/Wellhead Protection Program Coordinator at (808) 586-4258, via fax at (808) 586-4351, or via email at daniel.chang@doh.hawaii.gov

**National Rural Water Association (NRWA)
DSO & WTPO Certification Training**



Training & Time

9:00am - 12:00 noon

Source Water Protection by Bill O’Connell. The quality of the source water directly reflects the quality and purity of the finished water supply. This class will look at ways to assess the watershed with an eye for potential problems and contamination issues. Also discussed will be ways to correct problems in the watershed, and how to prevent future problems from occurring. Public awareness of the source of water and methods of getting public participation in water quality protection will be addressed.

1:00pm - 4:00pm

Treatment Options by Bill Kramer. This class will discuss basic filtration and disinfection. The new surface water treatment and disinfection requirements of the LT2 and Groundwater Rules will be explored, as well as how to feed and monitor treatment chemicals, and maintain a chlorine residual. Other forms of treatment such as alternative filtration techniques, and ultraviolet irradiation will be discussed.

Date & Locations

- OAHU** - May 5, 2008, State Laboratories Division Auditorium, 2725 Waimano Home Road, Pearl City, Oahu, 96782
- KAUAI** - May 7, 2008, Department of Agriculture Conference Room, 4398A Pualoke St., Lihue, Kauai, 96766
- MOLOKAI** - May 9, 2008, DAGS Conference Room, State Office Building, Phase I, 45 Makaena Pl., Kaunakakai, Molokai, 96748
- MAUI** - May 12, 2008, State Building Conference Room B, 54 High St., Wailuku, Maui, 96793
- HILO** - May 13, 2008, Environmental Health Services Facility Conference Room, 1582 Kamehameha Ave., Hilo, Hawaii, 96720
- KONA** - May 15, 2008, Natural Energy Laboratory of Hawaii Authority, 73-4460 Queen Kaahumanu Hwy., Kailua-Kona, Hawaii 96740

CONTACT NRWA: Jerry Biberstine (303) 747-5992 or Paul Strobe (405) 432-4274 for more information.

SDWB STAFF NEWS

On January 17, 2008, Melvin Tokuda joined the Safe Drinking Water Branch Office in Honolulu as an Environmental Health Specialist in the Monitoring Section. Melvin comes to the SDWB, after working as a Pesticides Specialist for the State Department of Agriculture. He will be working on collecting drinking water samples from public water systems. The SDWB staff welcomes Melvin to the Branch!

On April 1, 2008, Craig Watanabe joined the Safe Drinking Water Branch Office in Honolulu as an Engineer in the Engineering Section. Craig comes to the SDWB after working as an Engineer for the State Department of Transportation. Besides performing new source and construction plan reviews, sanitary surveys and various other engineering section duties, he will be in charge of implementing the surface water treatment and disinfection byproduct suite of rules. The SDWB staff welcomes Craig to the Branch!

GOVERNOR RELEASES FUNDS FOR WATER-RELATED STATE REVOLVING FUNDS

HONOLULU - Governor Linda Lingle has released \$2,666,000 for two state revolving funds, including \$995,000 for the Water Pollution Control Revolving Fund and \$1,671,000 for the Safe Drinking Water Revolving Fund.

These programs allow the state to qualify for federal grants and provide 20-year low-interest construction loans (primarily to counties) to finance wastewater treatment and drinking water infrastructure projects across the state. The funds were allocated under the federal Clean Water Act and Safe Drinking Water Act.

“By appropriating money to these revolving funds, we will be able to receive federal funds needed to move forward with critical projects that help keep wastewater treatment facilities safe and our drinking water clean,” said Governor Lingle.

The Department of Health reviews project requests submitted to the two revolving funds and makes loan selections based on the need for funding and readiness of the projects. The \$995,000 and \$1,671,000 released by Governor Lingle will be matched by federal allotments of \$4,974,000 and \$8,353,000, respectively.

TWO-LITER CONTAINERS INCLUDED IN HI-5 PROGRAM BEGINNING DECEMBER 1, 2007

HONOLULU - Beginning on December 1, 2007 2-liter bottles are now included in the state's HI-5 beverage deposit container program. Under a law passed last year (Act 285), consumers will be charged 6¢ for all labeled 2-liter containers (64 to 68 fluid ounces), and these containers can be redeemed for a 5¢ refund.

All eligible deposit beverage containers sized 64.1 fluid ounces will be counted by hand for redemption until weight conversion rates are updated to include the new container sizes.

For more information on the State's Deposit Beverage Container Program and redemption center locations, visit the website at: www.hi5deposit.com

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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.

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Safe Drinking Water Branch
Environmental Management Division
Hawai`i Department of Health
919 Ala Moana Boulevard, Room 308
Honolulu HI 96814

