

SDWB AWARDS FIRST WELLHEAD PROTECTION - FINANCIAL ASSISTANCE PROGRAM FUNDING TO THE MAUI DEPARTMENT OF WATER SUPPLY and HAWAII NATURE CENTER-MAUI

MAUI DEPARTMENT OF WATER SUPPLY has been awarded \$200,000 (for a 3 year project) to develop and implement a Wellhead Protection Program for the County of Maui. Components of the Maui Department of Water Supply's Wellhead Protection Program will include a protection ordinance, new well siting criteria, development of protection plans for the MDWS water systems, and a protection incentive program.

Maui Department of Water Supply has been working on Wellhead Protection activities over the past years. Their accomplishments have included the inclusion of protection as part of the Water Use and Development Plan update, the drafting of a WHP Ordinance, and new well siting guidance, convening of a Wellhead Protection Committee/Workgroup, an inventory of potential contamination activities and best management practices (BMPs). The BMP information is available on the Maui Department of Water Supply website at:

<http://mauiwater.org/wellprotection.html>

The preparation of protection plans for the MDWS water systems may also qualify the MDWS for additional funding to implement identified protection activities.

HAWAII NATURE CENTER - MAUI has been awarded \$50,000 to develop and implement a protection strategy/plan for its water source and the development and implementation of water resources education programs. The education program will include teachers' workshops on water-related activities, as well as hands-on events for elementary school students and drinking water camps for upper elementary school students at the Hawaii Nature Center's Iao (Maui) facility.



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

Qualifying Public Water Systems (PWSs) can still apply for funding under the Wellhead Protection - Financial Assistance Program to develop and implement drinking water protection programs/activities.

Qualified PWSs may apply for funding to conduct protection planning and implementation activities such as: 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.

Financial assistance program information and application were mailed to all qualifying public water systems, you may also download the program information and application from the SDWB website, or you may 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 GROUP LAUNCHES "YOUR WATER. YOUR DECISION." CAMPAIGN
for PLANNERS AND LOCAL OFFICIALS INTERESTED IN PROTECTING DRINKING WATER**

The Source Water Collaborative (SWC) has launching a campaign, "Your Water, Your Decision.", to help planners and local officials/decision-makers take advantage of opportunities to protect sources of drinking water, understand the cost involved, and consider ways to pay for it. The SWC, a group of 16 national organizations and three federal agencies including EPA, was formed with the joint signing of a vision statement in February 2006 to further the goal of protecting sources of drinking water.

As part of this initiative, the SWC has developed a guide for planner , entitled " Advice Worth Drinking - Your Water. Your Decision - How today's land-use decisions can protect tomorrow's water supply - A Planner's Guide." This guide released in April 2007 provides information on putting drinking water into the planning process, examples of options to protect your drinking water supply, and where to find out more about planning and protection. A copy of the guide has been included in this issue of "The WaterSpot" newsletter. The guide and more related to planning and protection may be found at:

<http://www.ProtectDrinkingWater.org>

NOTICE OF PUBLIC PARTICIPATION AND INPUT ON THE PROPOSED DRINKING WATER TREATMENT REVOLVING LOAN INTENDED USE PLAN FOR THE STATE OF HAWAII FISCAL YEAR 2009 AND THE FEDERAL FISCAL YEAR 2008 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 capitalization grant. EPA provides capitalization grants to the State of Hawaii annually for the construction of drinking water infrastructure and to support other drinking water programs.

For State Fiscal Year 2009, the Hawaii DWSRF program expects to receive approximately \$8,146,000 in Federal Funds. The Intended Use Plan explains how the new and existing funds will be utilized for the construction of drinking water infrastructure projects on the Priority List of Projects and the support of drinking water activities.

On April 7 and April 30, a public notice was published 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 until May 30, 2008, during which comments on the Intended Use Plan will be accepted. Upon written request, a public hearing may be scheduled.

Information regarding the Intended Use Plan may be obtained by writing or calling the Safe Drinking Water Branch, 919 Ala Moana Boulevard, Room 308, Honolulu, Hawaii 96814, (808) 586-4258. The Intended Use Plan can also be viewed online at: <http://hawaii.gov/health/environmental/water/sdwb/dwsrf/dwsrf.html>.

SUMMARY OF THE 2008 ANNUAL AWWA HAWAII SECTION CONFERENCE

ONO WATER CONTEST: The 24th Annual "Ono Water" Contest was held on May 1, 2008. Special guests, including the KITV morning news crew, judged samples from Hawaii's various water systems and offered their tasteful comments. This year's category was Resorts and Large Developments. Participants were: Hawaiian Shores, Kaupulehu, Kapalua, Kaanapali, Princeville, Gay & Robinson, Laie Water Company, and Lanai Water Company. **This year's winners is: Lanai Water Company.**

PIPE TAPPING CONTEST: This year's contest was held at the Board of Water Supply, Engineering Buildnig Courtyard on Wednesday, April 30, 2008. **This year's winners for the Men's and Women's Divisions were both from the Honolulu Board of Water Supply** and will represent the AWWA Hawaii Section at the 2009 AWWA Annual Conference in San Diego, California.

This year's representative at the 2008 AWWA Annual CinfERENCE in Atlanta, Georgia will be the County of Hawaii, Department of Water Supply (Men's) and the County of Kauai, Department of Water (Women's). Good luck to both reams!!

TOP OPS CONTEST: The "College Bowl" of the Water Industry was held on Friday, May 2, 2008 in the Grand Ballroom-Makai. In its second year, the contest increased participation from three to six parrticipating teams. **This year's winner is the combined team from Wood Valley and Hawaiian Beaches. West Kuleaha placed second.**

Congratulation to all of this year's winners!!

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.

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.

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.

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.

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

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

NRWA OPERATOR TRAINING SCHEDULE

<u>Date</u>	<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

* Tentative, please call for information.

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



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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

