

## *EPA PROPOSES CHANGES TO THE LEAD AND COPPER MINOR REVISIONS REGULATIONS*

The EPA is proposing regulatory clarifications and revisions to the National Primary Drinking Water Regulations (NPDWR) for lead and copper which will affect all community and non-transient non-community water systems. These proposals will be published in the Federal Register with a 60 day comment period before the proposed clarifications and revisions are finalized.

A copy of the EPA proposals submitted to the Federal Register may be obtained at the following website: <http://www.epa.gov/ogwdw/lcr/index.htm#2006>. You can also access the Federal Register printing at the U.S. Government Printing Office's website at <http://www.gpoaccess.gov/fr/index.html>.

Water system purveyors are urged to review the proposed clarifications and revisions to the Lead and Copper Minor Revisions and submit comments to the EPA. The proposed clarifications and revisions are in the following areas:

1. The EPA is proposing additional language to clarify that water systems with fewer than five taps must sample all taps at least once and repeat sampling at some taps in order to collect the minimum number of samples required.
2. The EPA is proposing a number of clarifications throughout the Lead and Copper Minor Revisions to clearly explain when compliance and monitoring periods begin and end. Some systems have been uncertain about when a system is determined to have exceeded the action level and the corresponding deadlines for completing corrosion control and public notification actions.
3. The EPA is proposing to disallow water systems that exceeded the lead action level from initiating or remaining on a reduced lead and copper monitoring schedule based solely on the results of their water quality parameter monitoring. The 1991 Lead and Copper Rule intended to allow systems eligibility for reduced monitoring even if they exceeded the lead or copper action level if they could demonstrate their current corrosion control treatment was effective by meeting the State-designated water quality parameters. As shown by the events in the District of Columbia, compliance with water quality parameters alone may not always indicate that corrosion control is effective, especially after a treatment or source change.
4. The EPA is proposing to amend the Lead and Copper Minor Revisions to require water systems to obtain prior approval by the State primacy agency to add a new source of water or change a treatment process prior to implementation. A switch in disinfectant would be considered a change in treatment. The EPA is also requesting comments on what "addition of a new source" should mean for water systems that mix water sources (ground water and surface water).
5. The EPA is proposing to amend the public education requirements and add a new notification requirement that will require water systems to provide consumers who occupy homes or buildings that are part of the utility's monitoring program with testing results when their drinking water is tested. All water systems must provide a consumer notice of lead tap water sampling results to all persons served by the water system at the sample site. This would include staff and parents of students for schools that are tested at non-transient non-community water systems.
6. The EPA is proposing to change the content of the public education message provided to customers after the lead action level exceedance, how the materials are delivered to consumers, and the time frame in which materials must be delivered. The changes to the delivery requirements include additional organizations that systems must partner with to disseminate the message to at-risk populations, as well as changes to the media used to disseminate the information to ensure that it reaches the consumers when there is an action level exceedance. The proposal will also include a change in the Consumer Confidence Report (CCR) to require all community

water systems that detect lead above the method detection limit of 0.001 mg/L in their compliance monitoring samples to include information about the risks of lead in drinking water in the report on a regular basis. The EPA is also requesting comments on the content of the informational statement to be included in the CCR for systems that detect lead or exceed the lead action level.

7. The EPA is proposing to require water systems to reevaluate lead service line replacement classified as “replaced” through testing if they resume lead service line replacement programs. This proposal is not applicable to Hawaii since water systems in Hawaii did not install lead service lines.
8. The EPA is also requesting comments on other issues related to the Lead and Copper rule.
  1. **Plumbing component replacement.** Some water systems may choose to replace plumbing fixtures, pipes, and components to greatly reduce the amount of lead or copper in tap water to a level below the action level. Generally this approach only applies to water systems that have 100% ownership over the plumbing infrastructure, some schools and other institutions can fall into this category.
  2. **Point of use (POU) and point of entry (POE) treatment.** The EPA is requesting comment on whether use of POU or POE devices should be specifically defined as a corrosion control technique, or explicitly identified as an alternative to corrosion control optimization for small systems. The Safe Drinking Water Act also lists a number of requirements for POU and POE devices if they are used as compliance technologies. These include (1) POU and POE devices shall be owned, controlled, and maintained by the public water system, (2) the devices must be equipped with mechanical warnings to ensure customers are automatically notified of problems, and (3) the POU and POE devices shall be certified as meeting NSF/ANSI standards.
  3. **Water quality parameter monitoring.** The EPA is requesting comments on requiring water systems to synchronize required water quality parameter sampling with lead and copper tap sampling.

### *SDWB TO PARTICIPATE IN COUNTY FAIRS*

The Safe Drinking Water Branch continues its effort to be more involved with public outreach activities by having a booth at this year’s Kauai County Farm Bureau and Hawaii County Fairs. This year’s Kauai County Farm Bureau Fair will be held from August 24-27, 2006 at the Vidinha Stadium Parking Lot and the Hawaii County Fair will be held from September 14-17, 2006 at the Hilo Civic Center.

At its Kauai County Farm Bureau and Hawaii County Fair booth, the Safe Drinking Water Branch will exhibit copies of the Groundwater Poster, Source Water Protection Poster, and EPA’s Drinking Water Poster. Copies of the Groundwater Poster, Water Conservation Activities Booklet, Water for Kids and Waterspot newsletters, Water Cycle Bookmarks, pencils, and other materials will be available. So stop by the our booth to get stuff or just say “hello.”



**KAUAI**

August 24 (Thursday) 6:00pm to 12:00 Midnight  
 August 25 (Friday) 6:00pm to 12:00 Midnight  
 August 26 (Saturday) 12:00 noon to 12:00 Midnight  
 August 27 (Sunday) 12:00 noon to 6:00pm

**HAWAII**

September 14 (Thursday) 6:00pm to 12:00 Midnight  
 September 15 (Friday) 6:00pm to 12:00 Midnight  
 September 16 (Saturday) 12:00noon to 12:00 Midnight  
 September 17 (Sunday) 12:00noon to 6:00pm

## UH-OUTREACH COLLEGE OPERATOR TRAINING

Dear Water Professional,

I'm pleased to announce that with support from the State of Hawai'i Department of Health, and the U.S. Environmental Protection Agency, Outreach College, will be offering the following continuing education classes this summer. Each course in this series is designed to provide one (1) CEU of training:

Number	Course Title	Course Information
S08681	Skills for Effective Supervision: Current and Future Supervisors (Kamuela)	July 24 ● Mon ● 8:30am-5:30pm ● 1 mtg ● (one hour lunch break) ● Thelma Rarker Memorial Public & School Library, 67-1209 Mamalahoa Hwy ● \$45
S08683	Water System Pumps and Motors (Hilo)	July 26 ● Wed ● 8:00am-5:00pm ● 1 mtg ● (one hour lunch break) ● University of Hawaii-Hilo, Kanaka'ole Bldg. 333, Room 127, 200 W. Kawili St. ● \$45
S08674	Waterworks Distribution System: Hydraulics, Pipes, Appurtenances, and Waterworks Math (Pearl City)	Aug 7 ● Mon ● 7:45am-4:15pm ● 1 mtg ● (half-hour lunch break; brownbag recommended) ● State Laboratories Division (Pearl City), Auditorium, 2735 Waimano Home Road ● \$45
S08680	Waterworks Overview: Water Basics, Reserviors, Wells, Water Quality & Regulations (Kauai)	Aug 8 ● Tue ● 8:00am-5:00pm ● 1 mtg ● (one hour lunch break) ● Kauai Community College, Welding Classroom, (Weld2-101), 3-1901 Kaunualii Highway ● \$45
S08684	Water System Pumps and Motors (Lanai)	Aug 9 ● Wed ● 8:30am-5:00pm ● 1 mtg ● (half-hour lunch break; brownbag recommended) ● UH Lanai Education Center, 329 7 <sup>th</sup> St. ● \$45
S08682	Skills for Effective Supervision: Current and Future Supervisors (Manoa)	Aug 16 ● Wed ● 8:00am-5:00pm ● 1 mtg ● (one hour lunch break) ● UHM Krauss 012 (Yukiyoshi Room) ● \$45
S08685	Operator Math Review and Sanitary Survey Concepts (Maui)	Sep 13 ● Wed ● 8:00am-5:00pm ● 1 mtg ● (one hour lunch break) ● Kahului - location to be announced ● \$45

### REGISTRATION IS NOW OPEN! TO ENROLL:

#### **When paying with your VISA or MasterCard:**

**Register by Phone:** Call 956-8400 (1-800-862-6628 toll free from Neighbor Islands). Please have the course and your VISA or MasterCard information when you call.

**Register by Fax:** Fax your completed registration form to 956-3752 at any time. Please print and sign legibly to ensure that your information can be read.

**Register by Mail:** Mail the registration form with full payment or business purchase order to: UHM-Outreach College, 2440 Campus Rd, Box 447, Honolulu, HI 96822.

**Register in Person:** At Outreach Student Services office; 2500 Dole Street, Krauss Hall, Room 101, Information Window; Mon-Fri 8:00 am-5:30 pm.

**Confirmation**

If you do not receive a confirmation receipt within 7 days, or if you enroll less than 5 working days prior to the start of the class, call 956-8400 (1-800-862-6628 toll free from Neighbor Islands) to confirm enrollment and to find out whether the class will be held as announced.

**Withdrawal/Refund**

You receive a full refund if your request is received by 12 noon two working days before the course begins; there are no refunds thereafter. Withdrawal/refund requests are made by phone (956-8400), in person, or by writing to Outreach College. Faxed or mailed withdrawal requests need the student's signature. Failure to attend class does not constitute an official withdrawal from class. Students registering with a purchase order are billed regardless of attendance, unless notification of withdrawal is made by the specified refund deadlines.

For additional information, visit our website at: [www.outreach.hawaii.edu/noncredit](http://www.outreach.hawaii.edu/noncredit) or [www.outreach.hawaii.edu/ibpd](http://www.outreach.hawaii.edu/ibpd). If you have any questions or need further assistance, please call me at (808) 956-2040. I hope to see you in class!

Sincerely,



Pamela J. Fujita-Starck, Ed.D.  
 Director, Noncredit Programs.  
 2530 Dole Street, Sakamaki D400  
 Honolulu, HI 96822  
[An Equal Opportunity/Affirmative Action Institution](http://www.outreach.hawaii.edu)  
 Voice (808) 956-8244, Fax (808) 956-9422, Email [Noncred@hawaii.edu](mailto:Noncred@hawaii.edu)

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**OUTREACH COLLEGE NONCREDIT REGISTRATION FORM** (Please submit with payment.)

Female

NAME \_\_\_\_\_ Soc. Sec. No. \_\_\_\_\_  Male  
Last, First Middle Initial

ADDRESS \_\_\_\_\_ Phone: Residence (808) \_\_\_\_\_  
 \_\_\_\_\_ Business (808) \_\_\_\_\_

FIRM/AFFILIATION \_\_\_\_\_ BILLING ADDRESS \_\_\_\_\_

OFFICIAL USE ONLY

Course Number	Course Title, including location (Kamuela, Hilo, Pearl City, Kauai, Lanai, Manoa, Maui)	Fee	Receipt #
S08 ___		\$	M
S08 ___		\$	M
<b>TOTAL</b>		\$	M

PAYMENT BY (Check one):

Check made payable to University of Hawaii  Purchase Order \_\_\_\_\_  
 (Must accompany registration form)

VISA  MASTERCARD Charge Card No. \_\_\_\_\_ Expir. Date (Mo/Yr) \_\_\_\_\_

Cardholder Name \_\_\_\_\_ Signature \_\_\_\_\_

Official Use Only: Printer Receipt Number/Input by \_\_\_\_\_ / \_\_\_\_\_

**Notice of Public Participation and Input on the Proposed Revisions to the Drinking Water Treatment Revolving Loan Fund Intended Use Plan for the State of Hawaii Fiscal Year (SFY) 2007**

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 by the U.S. Environmental Protection Agency (EPA). This Intended Use Plan was previously proposed in April 2006, but was subsequently revised to reflect comments made by the EPA, Region IX. Essentially, the amounts to be set aside to fund other drinking water program activities have been lowered, increasing the amount of funds available for loans.

The EPA grants monies to the State of Hawaii annually to construct drinking water facilities and support other drinking water programs. For the State Fiscal Year 2007, approximately \$8,352,500 is expected to be allocated to the Hawaii DWSRF program. The Intended use Plan explains how the new and existing funds will be utilized for construction projects on the Priority List of Projects and supporting drinking water program activities.

Statewide public notices were published on Friday, July 28, 2006 in the Honolulu Star Bulletin, Hawaii Tribune-Herald, West Hawaii Today, Maui News, and Garden Island newspapers. The public review and comment period will be open from July 28, 2006 to August 28, 2006.

Copies or information on 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 public notice and Intended Use Plan can also be viewed on the SDWB's website:

(<http://www.hawaii.gov/health/environmental/water/sdwb/dwsrf/dwsrf.html>)

**SCIENCE FAIR MENTORS NEEDED**

The Safe Drinking Water Branch will once again provide awards to students participating in the State Science Fair for the School Calendar Year 2006-2007. Awards will be given to outstanding projects related to drinking water/groundwater in the Senior Research, Junior Research, and Junior Display divisions.

**STUDENTS NEED MENTORS:** *“We are looking for a few good men and women to help future water professionals.”* If you are interested in mentoring a student's drinking water/groundwater related science fair project, contact the district Science Fair Coordinator in your area/location:

**District Fair Coordinators Contact Information:**

<b>District</b>	<b>Coordinator</b>	<b>Phone No.</b>
East Hawaii	Jamie Nekoba	974-4888
West Hawaii	Kathy Ishii	327-4781
Kauai	Barbara Baker	274-3185
Maui	Ron Okamura	984-8020
HAIS	Dan Nelson	532-2431/440-7423
Leeward	Stephen Nakano	677-6638
	Fred Nakaguma	487-3098
Windward	Amy Watanabe	271-3908 (cell)
	Donna Therrien	233-5720



**WATERSPOT NOTE**

Due to the overwhelming popularity and request for “The Waterspot” newsletter, we now need to make efforts to improve our efficiency, save money, and evolve with the changing technologies. The Safe Drinking Water Branch will be changing its process from postal mailing of all printed newsletters to electronic notification via e-mail and placement of the newsletter on the SDWB website. Mailing of hard copies of the newsletter will only be made to water system contacts and certified water system operators.

Effective as of July 2006, the newsletter will be placed on the SDWB website (see below for website address) as a PDF file. If you would like e-mail notification that the newsletter has been posted on the website, please fax your **name and e-mail address, ATTENTION: Waterspot E-Notification** to (808) 586-4351.

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

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