

UPDATE FOR LEAD & COPPER RULE REVISIONS

Earlier this year, January 20, 2021, President Biden issued Executive Order 13990 and a White House memorandum that directed agencies to consider postponing the effective date of regulations that have been published in the Federal Register but have not taken effect, for the purpose of reviewing any questions of fact, law, and policy the rules may raise.

Consistent with the Executive Order and White House memorandum, the USEPA decided to revisit the Lead and Copper Rule Revisions (LCRR), published in the Federal Register January 15, 2021. The USEPA has therefore extended the effective date of the LCRR so that the agency can seek further public input, particularly from communities that are most at-risk of exposure to lead in drinking water. To accomplish this goal, the USEPA has posted two notices regarding the LCRR:

- ◆ The first action announced an extension of the effective date for the LCRR from March 16, 2021 until June 17, 2021. The purpose of this additional time is to enable the USEPA to take public comment on a second action that would provide a longer extension of the effective date and for the USEPA to undertake its review of the rule in a deliberate and thorough manner consistent with the public health purposes of the Safe Drinking Water Act (SDWA).
- ◆ This second action proposes to extend the effective date until December 16, 2021 and proposes a corresponding extension of the LCRR's compliance deadline from January 16, 2024 to September 16, 2024. This action would ensure that drinking water systems continue to have the full three years provided by the SDWA to take actions needed to assure regulatory compliance.

The comment period is now closed. To read submitted comments visit:

<https://www.regulations.gov/docket/EPA-HQ-OW-2017-0300>

The backbone of the LCRR is a new service line inventory that all public water systems must develop by the above revised compliance date unless they can demonstrate that they have no lead service lines (LSL)s. The inventory will transform how utilities, communities and states approach LSLs by moving from rough estimates to a data-driven ap-

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LCRR UPDATE

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proach that allows water systems to identify what is known and not known about their service lines, communicate that information to the public, and establish LSL replacement (LSLR) priorities.

Lead service line inventories serve three purposes:

- ◆ Tracking progress towards full LSLR should a water system exceed the existing lead action level or the new trigger level under the LCRR;
- ◆ Providing the basis for communicating to the public served by the water system which of the four categories the service line delivering their water is in; and
- ◆ Enabling states and others to verify whether the tap water monitoring samples are being collected from homes with service lines that are lead (unless they have none) as required by the revised rule.

Water systems must determine the proper category of their service lines and develop an inventory that must be “publicly accessible” and include a “location identifier”. In addition, water systems must provide consumers with instructions on accessing the inventory in its annual Consumer Confidence Reports (CCR). Information and past webinars relating to LSL identification and replacement can be found here:

<https://www.epa.gov/dwreginfo/lead-service-line-identification-and-replacement-webinars>

Cost has always been one of the main barriers of proactive full LSLR for water systems and their customers. There are many federal programs that may be used to fund LSLR programs:

- ◆ Drinking Water State Revolving Fund (DWSRF)
- ◆ Water Infrastructure Finance and Innovation Act (WIFIA) Program
- ◆ Water Infrastructure Improvements for the Nation (WIIN) Act of 2016 grant programs
- ◆ U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant (CDBG) Program

Another strategy that has been utilized to reduce the overall cost of LSLR is by coupling LSLR with existing infrastructure projects.

You can explore possible sources of funding for lead service line replacement here:

<https://www.epa.gov/ground-water-and-drinking-water/funding-lead-service-line-replacement>
https://www.epa.gov/sites/production/files/2020-12/documents/ej_lslr_funding_sources-final.pdf

If you have questions on the LCRR, please contact Whit (Adam) Somerall at 808-586-4258 or adam.somerall@doh.hawaii.gov. You may also visit the USEPA’s Lead Service Line Replacement webpage for additional information:

<https://www.epa.gov/ground-water-and-drinking-water/lead-service-line-replacement>

QUARTERLY CALENDAR

- ◆ **6/30 DWINSA Responses Due**
Selected Systems
- ◆ **7/1 CCR Distribution Deadline**
Community Systems
- ◆ **7/6-9 DSO Grades 1-2 Exam Review**
Virtual
- ◆ **7/9 CT Report Due**
Surface Water Systems
- ◆ **7/9 MRDL Report Due**
Disinfection Systems who complete their own tests
- ◆ **7/9 TCR Report Due**
Systems who complete their own tests
- ◆ **7/9 Chemical Quarterly Monitoring Report Due**
Systems with quarterly monitoring requirements
- ◆ **7/13-16 DSO Grades 3-4 Exam Review**
Virtual
- ◆ **7/19-21 DSO Grades 1-2 Exam Review**
Kauai
- ◆ **7/22 Molokai Exam**
- ◆ **7/23 Kauai Exam**
- ◆ **7/26 Kona Exam**
- ◆ **7/26 DSO/WTPO Applications & Exam Registrations Due**
October Examinees
- ◆ **7/27 Hilo & Lanai Exam**
- ◆ **8/10 CT Report Due**
Surface Water Systems
- ◆ **8/10 TCR Report Due**
Systems who complete their own tests
- ◆ **8/24 Board of Certification Meeting**
SDWB Pearl City, 10:00 am
- ◆ **9/10 CT Report Due**
Surface Water Systems
- ◆ **9/10 TCR Report Due**
Systems who complete their own tests
- ◆ **9/30 Lead & Copper Monitoring Period Ends**
Systems on annual collection schedules
- ◆ **10/1 CCR Certification Due**
Community Systems

JULY 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			30 DWINSA Responses Due	1 CCR Distribution Deadline	2	3
4	5 HOLIDAY	6 DSO Grades 1-2 Exam Review	7 DSO Grades 1-2 Exam Review	8 DSO Grades 1-2 Exam Review	9 DSO Grades 1-2 Exam Review CT Report Due MRDL Report Due TCR Report Due Chemical Quarterly Monitoring Report Due	10
11	12	13 DSO Grades 3-4 Exam Review	14 DSO Grades 3-4 Exam Review	15 DSO Grades 3-4 Exam Review	16 DSO Grades 3-4 Exam Review	17
18	19 DSO Grades 1-2 Exam Review	20 DSO Grades 1-2 Exam Review	21 DSO Grades 1-2 Exam Review	22 Molokai Exam	23 Kauai Exam	24
25	26 Kona Exam DSO/WTPO Applications & Exam Registrations Due	27 Hilo & Lanai Exam	28	29	30	31

AUGUST 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10 CT Report Due TCR Report Due	11	12	13	14
15	16	17	18	19	20 HOLIDAY	21
22	23	24 Board of Certification Meeting	25	26	27	28
29	30	31				

SEPTEMBER 2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6 HOLIDAY	7	8	9	10 CT Report Due TCR Report Due	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30 Lead & Copper Monitoring Period Ends	1 CCR Certification Due	

DWINSA RESPONSES DUE JUNE 30, 2021

Water purveyors for 21 water systems in Hawaii were sent a request to participate in the seventh nationwide survey of drinking water systems’ 20-year capital investment needs, also known as the 2021 Drinking Water Infrastructure Needs Survey and Assessment (DWINSAs) via email on April 8, 2021. If you were one of those systems, please take the time to assist the Department of Health with completion of your survey(s) by June 30, 2021.

You may submit your response(s) to DWINSAs Coordinator Michael Miyahira at michael.miyahira@doh.hawaii.gov. Contact Mr. Miyahira if you have questions, particularly if you need additional time on the lead service line inventory responses, at 808-586-4258 or via email.

The 7th DWINSAs, is currently being conducted in partnership with the USEPA and the states, Puerto Rico, the District of Columbia, the U.S. territories (Guam, U.S. Virgin Islands, Northern Mariana Islands and American Samoa) and the Navajo Nation. Approximately 3,900 regulated water systems across the country have been selected to participate in this year-

long undertaking. Survey responses will help determine the total capital investment needs for drinking water systems nationwide, which in turn helps determine the amount of money our state and USEPA Region 9 receives under the Drinking Water State Revolving Fund (DWSRF). The DWSRF enables us to provide low interest loans and other forms of technical, managerial and financial capacity assistance to Hawaii’s regulated water system community. Participation in the previous Needs Survey last conducted in 2015 was over 99%, reflecting the acknowledged importance of this survey to the drinking water community.

This 7th DWINSAs includes for the first time a set of Supplemental Questions regarding the presence of leaded components in your system’s service line inventory, as well as the current status of your operator workforce and concerns you may have for its viability over the coming years. Both issues are of significant national concern. Responses will better inform future state and national decisions related to infrastructure investment, economic stimulus, and workforce development and sustainability.

HRWA CEUs for Water System Operators

Contact hrwaoffice@hawaiiirwa.org or 808-315-8925 for information.

Course	Date	Time	Location
Comprehensive Overview of Well Components, Operations, Maintenance, and Safety 0.6 CEUs *Tentative	*8/5/21	8:00am-3:00pm	Maui
	8/10/21	8:00am-3:00pm	Hawaii
	*8/12/21	8:00am-3:00pm	Kauai
	8/24/21	8:00am-11:00am	virtual
	8/26/21		

DSO & WTPO EXAMS

During the past quarter, paper-based exams were administered on Kauai, Molokai, Lanai, and the Big Island. Examinees on Oahu and Maui took computer-based exams at PSI Test Centers. Both the DSO and WTPO overall pass rates remain similar to the last testing session’s results. Results shown in the following tables are for exams administered from February 14 through May 15, 2021. Congratulations to those who passed!

DSO Exam				WTPO Exam			
Grade	Passed	Examinees	Passing Rate	Grade	Passed	Examinees	Passing Rate
1	3	12	25%	1	4	6	67%
2	5	8	63%	2	0	2	0%
3	0	4	0%	3	1	1	100%
4	1	10	10%	4	1	2	50%
Total	9	34	26%	Total	6	11	55%

For those who would like to re-take the exam in July, please contact Jodi Yamami at jodi.yamami@doh.hawaii.gov to see if there are any seats available. Seat availability varies since it is determined by social distancing requirements in testing rooms.

JAMES LANDGRAF JOINS THE BOARD

On April 5, 2021, James Landgraf was confirmed by the Senate to the Board of Certification of Public Water System Operators. James has 30 years of experience in the operation of surface water treatment facilities and water distribution systems. He is currently employed at the County of Maui Department of Water Supply and JN Construction Inc., both which provide services in maintaining drinking water systems and treatment plants. James possesses both a Water Treatment Plant Operator and Distribution System Operator certification at the highest grade level, therefore he understands the value of an operator certification program. His knowledge on surface water treatment facilities will bring valuable insight to the Board. Thank you for your willingness to serve, James. Welcome to the Board!



MAHALO ERIC OKAZAKI

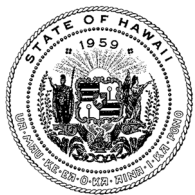
Board Member, Eric Okazaki’s final Board of Certification of Public Water System Operators’ meeting was on May 25, 2021. His second consecutive term on the Board ends on June 30, 2021. We thank Eric for his 8 years of service. His shared knowledge was crucial in allowing the Board to make qualified decisions on operator certification matters. We wish Eric the best as he continues his commitment to the drinking water profession. Mahalo and A hui hou, Eric!



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DEPARTMENT OF HEALTH
SAFE DRINKING WATER
BRANCH**

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ELIZABETH A. CHAR, M.D.
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KEITH E. KAWAOKA, D. Env.
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The mission of the Safe Drinking Water Branch of the Department of Health is to safeguard public health by protecting Hawaii's drinking water sources (surface water and groundwater) from contamination and assure that owners and operators of public water systems provide safe drinking water to the community. This mission is accomplished through the administration of the Safe Drinking Water Program, Underground Injection Control Program (UIC), Groundwater Protection Program (GWPP), and the Drinking Water State Revolving Fund (DWSRF).

We're on the Web!

<http://health.hawaii.gov/sdwb/>

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.

**JOAN CORRIGAN
COMPLIANCE & ENFORCEMENT
SECTION SUPERVISOR**

Congratulations to Joan Corrigan, our new Compliance & Enforcement Section Supervisor! Joan was promoted to supervisor starting June 1, 2021. Before then, Joan spent the last seven years in the Engineering Section and played a large role in building up the Hawaii Drinking Water State Revolving Fund (DSWRF)



program through initiatives that have been nationally commended. Joan is looking forward to taking on new challenges and will continue to enforce drinking water regulations with a firm hand. As Joan transitions in the SDWB, please direct all DWSRF inquiries to Stefanie Weaver at stefanie.weaver@doh.hawaii.gov, and for any compliance inquiries, please contact Joan at joan.corrigan@doh.hawaii.gov.