

LEAD & COPPER RULE REVISIONS LEAD SERVICE LINE INVENTORY

As the lead and copper sampling season gets underway, we would like to remind everyone to begin looking ahead to the Lead and Copper Rule Revisions (LCRR) and its Lead Service Line (LSL) Inventory requirement. **The deadline for developing an initial inventory and submitting it to the SDWB is October 16, 2024**, per 40 CFR §141.84(a-b). This inventory could take considerable time and effort, so we suggest starting as early as possible. There are Bipartisan Infrastructure Law (BIL) funds available from the Drinking Water State Revolving Fund (DWSRF) for projects related to this inventory requirement, including LSL identification; planning, design, and LSL replacement projects; non-compliance lead sampling and temporary pitcher filters and point-of-use devices.

The LCRR's service line inventory will require that all service lines, in entirety (public water system and private owner sides), eventually be inventoried. This inventory will be updated prior to each round of lead and copper compliance sampling to ensure water systems and the primacy agency are both aware of the current inventory. There are numerous methods of developing your inventory:

- ◆ Documentation indicating the service line materials including construction and plumbing codes, permits and existing records should be reviewed.
- ◆ Inspections and historical records of the distribution system can be utilized as well.
- ◆ Traditional potholing can be used if need be, but this can become a very labor intensive process.
- ◆ Some water systems are even logging material types as they are performing routine or emergency maintenance on their distribution systems.

This service line inventory will help to remove lead service lines from distribution systems using an approach that allows water systems to target known lead service lines. This will allow water systems to identify what is known and unknown about the service lines in their distribution system, communicate that information to the public, and establish lead service line replacement priorities.

Useful resources to begin looking into your service line inventory beyond the SDWB may be located on the EPA website or the LSLR Collaborative.

<https://www.lslr-collaborative.org/preparing-an-inventory.html>

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JULY 2022

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HRWA CEUs for Water System Operators

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

Course	Date	Location
Taste & Odor 0.4 CEUs (4 contact hours)	8/9/22	Live-Virtual
	8/11/22	
	8/16/22	
	8/18/22	
Safety 0.6 CEUs (6 contact hours)	8/30&31/22	Live-Virtual

DRINKING WATER STATE REVOLVING FUND & THE BIPARTISAN INFRASTRUCTURE LAW

The Hawaii Drinking Water State Revolving Fund (DWSRF) has an unprecedented level of funds being funneled to it from the historic Bipartisan Infrastructure Law (BIL) signed by President Biden on November 15, 2021. The BIL, also known as H.R. 3684, the Infrastructure Investment and Jobs Act (IIJA), will provide over \$30 billion nationally to the DWSRF programs over the next 5 years (2022-2026). Hawaii's State Fiscal Year (SFY) 2023 DWSRF allotment is almost \$18 million to provide loans for traditional DWSRF projects, such as waterline replacement, tanks, and treatment through the DWSRF General Supplemental appropriation. Separate appropriations of the BIL (\$36 million) specifically target lead service line replacement (LSLR) and emerging contaminants projects. Nearly half (49%) of the BIL funds for the General Supplemental and LSLR appropriations are available to eligible borrowers as principle forgiveness loans, with a focus on disadvantaged communities. 100% of emerging contaminant appropriations will be pro-

vided as principal forgiveness loans to eligible borrowers, with a similar focus on assisting disadvantaged communities. These BIL appropriations are in addition to the \$7 million that the Hawaii DWSRF program is expected to receive in Federal Fiscal Year 2022 as a part of its regular capitalization grant award.

The BIL also includes the requirement that all permanently installed, manufactured products and construction materials be produced in the United States. This section of the BIL is referred to as the Build America Buy America (BABA) Act. The BABA requirements include provisions for obtaining waivers similar to existing American Iron and Steel waivers. The DWSRF programs are waiting for additional guidance on how the BABA requirements must be implemented. The new requirements do not apply to all DWSRF funded projects, so consult with the SDWB DWSRF program staff. For more information about the DWSRF loan program, address inquires to Stefanie Weaver at stefanie.weaver@doh.hawaii.gov.

QUARTERLY CALENDAR

- ◆ **7/1 CCR Distribution Deadline**
Community Systems
- ◆ **7/8 CT Report Due**
Surface Water Systems
- ◆ **7/8 MRDL Report Due**
Disinfection Systems who complete their own tests
- ◆ **7/8 TCR Report Due**
Systems who complete their own tests
- ◆ **7/8 Chemical Quarterly Monitoring Report Due**
Systems with quarterly monitoring requirements
- ◆ **7/12-15 DSO 1-2 Exam Prep**
Virtual
- ◆ **7/19-22 DSO 3-4 Exam Prep**
Virtual
- ◆ **7/22 Molokai Exam**
- ◆ **7/25 Kona Exam**
- ◆ **7/25 DSO/WTPO Applications & Exam Registrations Due**
October Examinees
- ◆ **7/26 Hilo Exam**
- ◆ **7/26 Kauai Exam**
- ◆ **8/10 CT Report Due**
Surface Water Systems
- ◆ **8/10 TCR Report Due**
Systems who complete their own tests
- ◆ **8/23 Board of Certification Meeting**
SDWB Pearl City, 10:00 am
- ◆ **9/9 CT Report Due**
Surface Water Systems
- ◆ **9/9 TCR Report Due**
Systems who complete their own tests
- ◆ **9/30 Lead & Copper Monitoring Period Ends**
Systems on annual collection schedules

JULY 2022

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

AUGUST 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	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 HOLIDAY	20
21	22	23 Board of Certification Meeting	24	25	26	27
28	29	30	31			

SEPTEMBER 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5 HOLIDAY	6	7	8	9 CT Report Due TCR Report Due	10
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	

CONFERENCE

2022 HAWAII RURAL WATER ASSOCIATION TRAINING & TECHNICAL CONFERENCE

The 2022 Hawaii Rural Water Association (HRWA) Training and Technical Conference was held in person at the King Kamehameha Marriot Hotel in Kona on May 25-26. The successful inaugural event hosted 133 attendees over two jam-packed days of relevant technical sessions covering both drinking water and wastewater.



United States Representative Kai Kahele kicked off the conference at the opening session after which attendees could choose

from an array of 29 classroom sessions.



The Safe Drinking Water Branch Engineering Supervisor, Mike Miyahira presented an update on recent Safe Drinking Water Act-related changes that have the potential to affect existing water systems' operation.



Day long sessions on Cybersecurity, Emergency Operations Center Simulation, and Project WET were additional options for those interested.

Attendees had ample time to walk through the Exhibit Hall featuring 11 vendors, and key networking breaks were allocated throughout the program.

During the conference Meet & Greet, HRWA hosted the Great American Water



Taste Test. Congratulations to Maui Department of Water Supply-Wailuku who took 1st place and won a trip to Washington D.C. in 2023 to represent Hawaii in the National Competition. Kalaupapa National Historic Park and Kawela Plantation placed 2nd and 3rd, respectively.

The conference also held a Backflow Prevention Tester Competition to exhibit the elite skills of our Hawaii certified testers. Travis Gomes from Pural Water Specialty Co was the winner with the fastest time of 1 minute 49 seconds.



A successful conference it was! Thank you, HRWA! We look forward to 2023!

DSO & WTPO EXAMS

During the past quarter, paper-based exams were administered on Kauai, Molokai, and the Big Island. Examinees on Oahu and Maui took computer-based exams at PSI Test Centers. The DSO overall pass rate took a big jump from the last testing session's results increasing from 30% to 43%. The WTPO overall pass rate also increased from 56% to 60%. The results shown in the following tables are for exams administered from February 13 through May 14, 2022. Congratulations to those who passed!

For those who would like to re-take the exam in future sessions, please submit your \$70 fee and exam registration form by due dates noted on the form.

DSO Exam				WTPO Exam			
Grade	Passed	Examinees	Passing Rate	Grade	Passed	Examinees	Passing Rate
1	4	8	50%	1	2	2	100%
2	2	4	50%	2	1	3	33%
3	3	5	60%	3	-	-	-
4	0	4	0%	4	-	-	-
Total	9	21	43%	Total	3	5	60%

AUGUST 23, 2022 10:00 A.M.
SDWB PEARL CITY OFFICE

Board of Certification of Public Water System Operators Meeting
Board Members
Glenn AhYat - James Landgraf - Mark Prescott - Jodi Yamami

MATH WHIZ

- If a trench is 352 ft long, 4 ft wide and 6 ft deep, how many cubic yards of soil were excavated?
- What is the average number of gallons pumped per day if a pump recorded 14,013,982 gallons in July?
- Convert 19°C to °F?
- What is the daily average TTHM given the following: Mon. 0.0089 mg/L, Tues. 0.0075 mg/L, Wed. 0.0095 mg/L, Thurs. 0.0087 mg/L, Fri. 0.0092 mg/L?
- How many pounds of chlorine are required to treat 52 MG if the dosage is 1.21 mg/L?

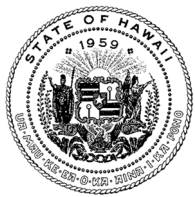
Answers: (1) 313 yd³, (2) 452,064 gpd, (3) 66.2°F, (4) 0.0088 mg/L, (5) 525 lbs



**HAWAII STATE
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SAFE DRINKING WATER
BRANCH**

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ELIZABETH A. CHAR, M.D.
Director of Health

KATHLEEN S. HO
Deputy Director for Environmental Health

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.

**WHAT IN THE WORLD?
STAY TUNED**

