

Cesspool Conversion Implementation Working Group (CCIWG)

Meeting

Revisions to Hawai'i Administrative Rules, Title 11, Chapter 62 (HAR 11-62)

April 29, 2026, 8:00 – 11:00 AM

Hawai'i State Department of Health

2827 Waimano Home Rd., Pearl City, HI 96782

EMD Conference Room, 2nd Floor, Hale Ola Building

Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/245943482665165?p=RmYVvpAzRRccxUVaun>

Meeting ID: 245 943 482 665 165

Passcode: fx6bA6LJ

Meeting #3 Minutes:

1. Assembly

2. Attendees:

- a. Facilitator: Sacramento State University EFC: Maureen Kerner
- b. Director of Health or designee (DOH):
 - i. EMD:
 1. Kevin Ihu
 2. Joanna Seto
 - ii. SWPB:
 1. Scott Miyashiro
 - iii. WWB:
 1. Shawn Sakoda
 2. Christopher Hakoda
 3. Jonathan Nagato
- c. Administrator of State Historic Preservation Division or designee (SHPD):
 - i. Jessica Puff (not present)
- d. Director of Department of Hawaiian Home Lands or designee (DHHL):
 - i. Kelbert Yoshida
- e. Licensed IWS Consulting Engineers Hawai'i Island:
 - i. EcoSolutions: David Whitney
 - ii. Foresight Engineering: Palani Greenwell
 - iii. Green Aina Engineering:
 1. Terin Gloor
 2. Jesse Yarvis
- f. Licensed IWS Consulting Engineers Kaua'i:
 - i. Sumu Engineering: Micah Kagimoto (not present)
- g. Licensed IWS Consulting Engineers Maui/Moloka'i/Lana'i:
 - i. CDF Engineering:
 1. Mael Cary
 2. Jake Freeman
 - ii. Scott Engineering: Alana Scott
- h. Licensed IWS Consulting Engineers O'ahu:
 - i. ACSI Engineering: Dennis Poma
 - ii. Kokoro Engineering: Staci Taniguchi
- i. Licensed IWS Contractors Hawai'i Island: (Vacant)
- j. Licensed IWS Contractors Kaua'i: (Vacant)

- k. Licensed IWS Contractors Maui: (Vacant)
 - l. Licensed IWS Contractors O'ahu: (Vacant)
 - m. University of Hawaii Professor with State and national wastewater knowledge and experience (UH):
 - i. UH, Water Resources Research Center (WRRC): Dr. Tao Yan
 - n. County Government Officials in wastewater, County of Hawai'i:
 - i. Kelly Hartman
 - ii. Craig Kawaguchi (not present)
 - o. County Government Officials in wastewater, County of Kaua'i:
 - i. Donald Fujimoto
 - ii. Donn Kakuda
 - p. County Government Officials in wastewater, County of Maui:
 - i. Eric Nakagawa
 - q. County Government Officials in wastewater, City and County of Honolulu:
 - i. Dr. Roger Babcock
 - r. Wastewater Industry professional with knowledge and experience in wastewater systems and individual wastewater technologies:
 - i. Carollo Engineering: Cari Ishida
 - ii. WAI Home: James Roberts
 - s. Researcher who helped develop the Hawai'i Cesspool Prioritization Tool (HCPT):
 - i. UH, WRRC: Dr. Chris Shuler
 - t. Individual from non-profit with knowledge of State wastewater issues:
 - i. Hawaii Coral Reef Rights: Ted Bohlen
 - ii. The Nature Conservancy: Kim Falinski
 - u. Individual with knowledge of alternative wastewater technology:
 - i. Wastewater Alternatives and Innovations:
 - 1. Stuart Coleman
 - 2. Jessica Paisley
 - 3. Jacob Roberts
 - v. Members of the House of Representatives or designee: (Vacant)
 - w. Members of the Senate or designee: (Vacant)
3. Overall Goal & Roles: (Jon)
 - a. Cesspool Conversions
 - b. CCIWG
 - c. HAR 11-62 Revisions
 - d. Recommendation/SWOT form
 4. HAR 11-62 Revisions – How to Accomplish:
 - a. Use Recommendation/SWOT form:
 - i. 1 form/recommendation
 - b. Meeting #2 and beyond:
 - i. Primarily virtual meeting
 - ii. Start with Recommendation/SWOT form #1
 - iii. Have open discussion
 - iv. Take notes
 - v. Add key takeaways to a chart/report
 - vi. Repeat from Item ii with next Recommendation/SWOT form
 5. Explanation and Values of Recommendation/SWOT form
 - a. Identify and record recommendations submitted

- b. Identify strengths/weaknesses/opportunities/threats
 - c. Encourages objective analysis before stakeholder discussions
 - d. Facilitates productive stakeholder discussions by providing facts, context, citation, research, data, etc.
6. Next Steps
- a. Collection of Recommendation/SWOT forms:
 - i. 1 form/recommendation
 - ii. Email forms to: DOH.WWB.cesspool@doh.hawaii.gov
 - iii. Order by date received
 - b. Meeting #2 and beyond
 - i. Balance time to complete updates and amount of time to discuss each
 - 1. Should a time limit per form be established?
 - ii. Review each Recommendation/SWOT form
 - iii. Champion can speak to it if desired
 - iv. Offer participants to speak on SWOT
 - v. DOH to speak to each
7. Old Business:
- a. Meeting #2 Minutes
 - b. No changes to Meeting #2 Minutes
8. New Business:
- a. Start from Recommendation/SWOT form #9. This was not completed during Meeting #2.
 - b. Continue with next Recommendation/SWOT forms in order.
9. Recommendation #9:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Clarify setback from structures.
 - c. Action:
 - i. DOH-WWB will clarify setback table.
 - ii. Structural load near the wastewater system is a factor.
 - iii. Obstructing O&M of wastewater system is a factor.
 - iv. No structures directly above the wastewater system.
10. Recommendation #10:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Multiple septic tanks and single absorption bed
 - ii. Non-uniform and asymmetric disposal system and distribution box layouts
 - iii. Variable absorption line lengths
 - c. Action:
 - i. DOH-WWB will consider revised setbacks between disposal systems
 - ii. DOH-WWB will research for setback rationale
 - iii. Non-uniform and asymmetric disposal system and distribution box layouts will be addressed by new HAR to allow manufacturers' sizing and installation instructions for specific disposal system equipment.
11. Recommendation #11:
- a. Recommendation/SWOT form was shown on screen.

- b. Topic:
 - i. Eliminate HAR 11-62-31.1(a)(1)(B) “not exceed fifty ... lots”
 - c. Action:
 - i. Circle back to this recommendation after all the cesspool recommendations
12. Recommendation #12:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Disposal system sizing based solely on soil hydraulic conductivity when aerobic treatment unit is implemented for IWS.
 - c. Action:
 - i. Palani will resubmit citation with a new Recommendation/SWOT form.
 - ii. No further action and recommendation is closed.
 - iii. If recommendation is resubmitted, then exact citation, rationale, and calculations are required.
13. Recommendation #13:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Reduce daily flow rate
 - ii. This was discussed in Recommendation #1.
 - c. Action:
 - i. No further action and recommendation is closed.
14. Recommendation #14:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Create pathways for adopting innovative technologies
 - ii. This was discussed in Recommendation #2.
 - c. Action:
 - i. No further action and recommendation is closed.
15. Recommendation #15:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Disposal system size reductions based on treatment quality
 - ii. This was discussed in Recommendation #3.
 - c. Action:
 - i. No further action and recommendation is closed.
16. Recommendation #16:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Retrofitting cesspools into seepage pits
 - ii. This was discussed in Recommendation #4.
 - c. Action:
 - i. No further action and recommendation is closed.
17. Recommendation #17:
- a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Create new pathways for decentralized cluster systems

- ii. This was discussed in Recommendation #5.
 - c. Action:
 - i. No further action and recommendation is closed.
- 18. Recommendation #18:
 - a. Recommendation/SWOT form was shown on screen.
 - b. Topic:
 - i. Create new professional license class for “IWS Designer” to eliminate requirement for IWS to be designed solely by civil engineers
 - c. State of Hawaii Department of Commerce and Consumer Affairs (DCCA) Professional and Vocational Licensing (PVL) regulates licenses in Hawaii.
 - d. DCCA-PVL does not require licensed civil engineers to show proof of any type of insurance policy coverage.
 - e. Suffolk County as an example
 - f. NOWRA might provide information
 - g. Action:
 - i. Continue at next CCIWG meeting.
- 19. Scheduled next meeting for May 19, 2026, 8:00 – 11:00 AM.