

Cesspool Conversion Implementation Working Group (CCIWG)
Meeting
Revisions to Hawai'i Administrative Rules, Title 11, Chapter 62 (HAR 11-62)
June 24, 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

Meeting #5 Agenda:

1. Assembly
2. Roll Call Invitees, New Members, Designated Speaker:
 - a. Facilitator: (Vacant)
 - b. Director of Health or designee (DOH):
 - i. EMD:
 1. Kevin Ihu
 2. ~~Joanna Seto (not present)~~
 - ii. SWPB:
 1. Scott Miyashiro
 2. Rebecca Candilasa
 - iii. WWB:
 1. ~~Shawn Sakoda (not present)~~
 2. Christopher Hakoda
 3. Mark Tomomitsu
 4. Jonathan Nagato
 - c. Government:
 - i. State Historic Preservation Division (SHPD) Administrator or designee:
Jessica Puff
 - ii. Department of Hawaiian Home Lands or designee (DHHL) Chair or designee:
 1. ~~Nancy McPherson (not present)~~
 2. ~~Kelbert Yoshida (not present)~~
 - iii. University of Hawaii Professor with State and national wastewater knowledge and experience (UH):
 1. ~~UHI, Water Resources Research Center (WRRRC): Dr. Tao Yan (not present)~~
 - iv. County Government Officials in wastewater, County of Hawai'i:
 1. ~~Kelly Hartman (not present)~~
 2. ~~Craig Kawaguchi (not present)~~
 - v. County Government Officials in wastewater, County of Kaua'i:
 1. Donald Fujimoto
 2. Donn Kakuda
 - vi. County Government Officials in wastewater, County of Maui:
 1. ~~Eric Nakagawa (not present)~~
 - vii. County Government Officials in wastewater, City and County of Honolulu:
 1. Dr. Roger Babcock
 - viii. Members of the House of Representatives or designee: (Vacant)
 - ix. Members of the Senate or designee: (Vacant)

- d. Licensed IWS Consulting Engineers
 - i. Hawai'i Island:
 - ~~1.—EcoSolutions: David Whitney (not present)~~
 - 2. Foresight Engineering: Palani Greenwell
 - ~~3.—Green Aina Engineering:~~
 - ~~a.—Terin Gloor (not present)~~
 - ~~b.—Jesse Yarvis (not present)~~
 - ii. Kaua'i:
 - ~~1.—Sumu Engineering: Micah Kagimoto (not present)~~
 - iii. Maui/Moloka'i/Lana'i:
 - 1. CDF Engineering:
 - ~~a.—Mael Gary (not present)~~
 - ~~b.—Jake Freeman (not present)~~
 - c. Brandon Murr
 - 2. Scott Engineering: Alana Scott (not present)
 - iv. O'ahu:
 - 1. ACSI Engineering: Dennis Poma
 - 2. Kokoro Engineering: Staci Taniguchi
 - e. Licensed IWS Contractors:
 - i. Hawai'i Island: (Vacant)
 - ii. Licensed IWS Contractors Kaua'i:
 - ~~1.—Kaua'i Wastewater Solutions: Wendell Bandmann (not present)~~
 - iii. Licensed IWS Contractors Maui: (Vacant)
 - iv. Licensed IWS Contractors O'ahu: (Vacant)
 - f. Non-Government:
 - i. Wastewater Industry professional with knowledge and experience in wastewater systems and individual wastewater technologies:
 - ~~1.—Carolto Engineering: Cari Ishida (not present)~~
 - 2. WAI Home: James Roberts (Observer)
 - ii. Researcher who helped develop the Hawai'i Cesspool Prioritization Tool (HCPT):
 - ~~1.—UHI, WRRRC: Dr. Chris Shuler (not present)~~
 - iii. Individual from non-profit with knowledge of State wastewater issues:
 - 1. Capacity Collaborative Hawai'i & Pacific Islands: Carmen Guzman-Simpliciano
 - ~~2.—Coral Reef Alliance: Erica Perez (not present)~~
 - 3. Hawaii Coral Reef Rights: Ted Bohlen
 - 4. Kingdom Pathways: Kalei Hoyle-Kamakahi
 - ~~5.—The Nature Conservancy: Kim Falinski (not present)~~
 - iv. Individual with knowledge of alternative wastewater technology:
 - 1. Wastewater Alternatives and Innovations:
 - a. Stuart Coleman
 - ~~b.—Jessica Paisley (not present)~~
 - c. Jacob Roberts
 - v. Individuals:
 - ~~1.—The Kalaimoku Group: John Aeto (not present)~~
 - ~~2.—Seatone Consulting: Rich Wilson (not present)~~
3. Overall Goal & Roles:

- 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
 - iv. Manufacturer organizations need to have engineer or contractor submit Recommendation/SWOT form on their behalf
 - 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. Only one (1) designated speaker from each organization
 - vi. Manufacturer organizations can only observe
 - vii. DOH to speak to each
- 7. Old Business:
 - a. Meeting #4 Minutes
 - i. No changes to Meeting #4 Minutes
 - b. Continue discussion of Recommendation #28.
 - c. Continue discussion of Recommendation #29.
 - d. Continue discussion of Recommendation #30.
 - e. Continue discussion of Recommendation #31.
 - f. Circle back to Recommendation #11 after all the cesspool recommendations
- 8. New Business:
 - a. Start from Recommendation/SWOT form #32.
 - b. Continue with next Recommendation/SWOT forms in order.

9. Recommendation #28:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Reduce daily flow rates.
- c. Doing a study using City and County of Honolulu Board of Water Supply data as proposed. Funding and study specification need to be determined.
- d. Water-efficient fixtures were discussed.
- e. Rationale was still required.
- f. Action:
 - i. Jacob and/or Palani may submit a new technical memo.
 - ii. No further action and recommendation is closed.

10. Recommendation #29:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Allow for disposal system sizing based solely on soil hydraulic conductivity when an ATU is implemented.
- c. DOH-WWB reviewed only the soil aquifer treatment (SAT) section.
- d. What constituent(s) need(s) to be reduced? Nitrogen? Phosphorus? Hydraulic?
- e. Big Island has highly porous soil.
- f. ATU removes nitrogen.
- g. Action:
 - i. No further action and recommendation is closed.

11. Recommendation #30:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Allow gravel backfill as substitute for a structural lining when converting a cesspool to seepage pit.
- c. DOH-WWB did not have enough time to fully review referenced document.
- d. Action:
 - i. DOH-WWB internally reviewed the Arizona Administrative Code, Title 18, Chapter 9. Reviewed sections R18-9-A310, R18-9-A312, and R18-9-E302. It began to get confusing when trying to follow the questions on page 43 regarding the sequence of soil characteristics.
 - ii. DOH-WWB will need more time to evaluate the similarities and differences between Hawaii's administrative rules and Arizona's administrative codes.
 - iii. DOH-WWB will not be implementing a gravel-filled seepage pit at this time.
 - iv. No further action and recommendation is closed.

12. Recommendation #31:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Allow reduction in absorption bed area when gray water is diverted and otherwise disposed.
- c. DOH-WWB did not have enough time to fully review referenced document.
- d. Action:
 - i. DOH is already considering this.
 - ii. DOH will continue internal discussion about graywater with on-going discussion regarding all recycled/reuse water.
 - iii. No further action and recommendation is closed.

13. Recommendation #32:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Allow cesspool in high groundwater to be converted to a seepage pit for graywater only.
- c. Need to define graywater more clearly with respect to the various rules and codes.
- d. Graywater is not the exact same quality as NSF 245 effluent quality.
- e. Action:
 - i. DOH will continue internal discussion about graywater with on-going discussion regarding all recycled/reuse water.
 - ii. No further action and recommendation is closed.

14. Recommendation #33:

- a. Recommendation/SWOT form was shown on screen.
- b. Topic:
 - i. Daily flow rate could be decreased.
 - ii. Septic tank calculation method should stay the same.
 - iii. Required absorption area could be increased.
- c. Environmental risk needs to be balanced with social/economic situation.
- d. DOH-WWB provided an analysis report and PowerPoint presentation.
- e. Action:
 - i. Continue at next CCIWG meeting

15. Scheduled next meeting for July 13, 2026, 8:00 – 10:00 AM.