

BOARD OF CERTIFICATION OF OPERATING PERSONNEL IN WASTEWATER TREATMENT PLANTS

MEETING AGENDA

Date: December 14, 2023

Time: 10:00 am – 3:00 pm

Location: West Hawai'i Civic Center – Mayor's Conference Room B-2
74-5044 Ane Keohokalole Highway

Kailua-Kona, HI 96740 and via Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 233 892 715 062

Passcode: bH5KjB

Or call in (audio only)

[+1 808-829-4853,,85285629#](#) United States, Honolulu

Phone Conference ID: 852 856 29#

Members: Robert Souza, Chair, City and County of Honolulu

Gary Hutchinson, HWEA

Virgil Viernes, County of Maui

Emily Dong, P.E., Professional Engineer in Private Practice

Jon Nakashima, County of Kauai

Roger Babcock, P.E., University of Hawaii

Kevin Nakamura, Private Sector

Maria Yamashita, Department of Health (not in attendance)

Attendees: Rhonda Harris

Chelsea Faisca

Paul Roach

Public Testimony

Written Testimony/comments – To ensure the public as well as the Board of Certification of Operating Personnel in Wastewater Treatment Plants members receive testimony in a timely manner, written testimony/comments should be submitted 24 hours prior to the scheduled meeting date and time. Any written testimony/comments submitted after this time cannot be guaranteed to be distributed in time for the meeting.

Written testimony may be submitted by one of the methods listed below:

- By email to: doh.wwb@doh.hawaii.gov
- By U.S. Postal Mail: State of Hawaii, Wastewater Branch, 2827 Waimano Home Road, Suite 207, Pearl City, Hawaii 96782

Members of the public are also welcomed to provide verbal testimony/comments at the stated above meeting location or via MS Teams when directed to do so. Public testimony is listed as Item B of the Agenda. Public testimony is limited to no more than three (3) minutes per individual.

AGENDA

- A. Call to Order: Time – 10:00 AM** **By – Robert Souza**
- B.** Public testimony on agenda items
- C.** Review minutes of the previous Board of Certification (BOC) meeting held on October 26, 2023.
1. Reviewed, no comments.
- D. Old Business**
1. Re-review Joshua Nunes, Gr. 1 – CBT Exam Application – Form 1
 - a. Approved to take the Gr. 1 exam.
 2. Re-review of Homer Mangahis CEU request
 - a. Approved for 46.5 CEUs.
- E. New Business**
1. Review August Exam Results, if available before the meeting.
 - a. Not available at the meeting.
 2. DRC Notification
 - a. Waikomo Stream
 - i. DRC notification form accepted for Eric Moriguchi (Grade 4) as primary DRC and Leila Kamekela (Grade 4) as secondary DRC for Waikomo Stream WWTP
 3. Requests for Reciprocity
 - a. Jeremy Anderson, Gr. 4 – Colorado.
 - i. Approved for reciprocity for Gr. 4 State of Hawaii operator license.
 4. CEU Approval (Operators)
 - a. Tevyn Hardesty – Kaua'i Community College
 - i. Approved for 5.3 CEUs applicable for Gr. 3 & 4 only.
 5. Request for CEUs (Courses)

- a. Paige Laughlin – GDIT – USEPA- Funding to Mitigate Disasters with “Fed FUNDS”
 - i. Approved for 1 indirect contact hour for 0.08 CEUs.
- b. John Harrison – Harrison Consulting – Interactive Wastewater Training
 - i. Approved for 1 CEU/8-hour contact.
- c. William Thompson – Academy of Zarathom, all courses require submission of training materials, copy of exam, and sign-in procedures.
 - i. William Thompson – Academy of Zarathom - Activated Sludge
 - ii. William Thompson – Academy of Zarathom – Aeration
 - iii. William Thompson – Academy of Zarathom – Asset Management
 - iv. William Thompson – Academy of Zarathom – Bacteriological Sampling
 - v. William Thompson – Academy of Zarathom – Basic Electricity
 - vi. William Thompson – Academy of Zarathom – Basic Water Math
 - vii. William Thompson – Academy of Zarathom – Chlorine Disinfection
 - viii. William Thompson – Academy of Zarathom – Coagulation/Flocculation
 - ix. William Thompson – Academy of Zarathom – Collection Systems
 - x. William Thompson – Academy of Zarathom – Confined Space Safety
 - xi. William Thompson – Academy of Zarathom – Digesters
 - xii. William Thompson – Academy of Zarathom – Excavation – The Law
 - xiii. William Thompson – Academy of Zarathom – Filtration
 - xiv. William Thompson – Academy of Zarathom – Fundamentals of Cathodic Protection
 - xv. William Thompson – Academy of Zarathom – Introduction to SCADA
 - xvi. William Thompson – Academy of Zarathom – Introduction to Supervision

- xvii. William Thompson – Academy of Zarathom – Introduction to Utility Budgeting
 - xviii. William Thompson – Academy of Zarathom – Introduction to Valves
 - xix. William Thompson – Academy of Zarathom – Introduction to Wastewater
 - xx. William Thompson – Academy of Zarathom – Laboratory Basics
 - xxi. William Thompson – Academy of Zarathom – Lagoons/Ponds
 - xxii. William Thompson – Academy of Zarathom – Lift Stations
 - xxiii. William Thompson – Academy of Zarathom – Math – Detention Time/Flow
 - xxiv. William Thompson – Academy of Zarathom – Math – Linear/Area/Volume
 - xxv. William Thompson – Academy of Zarathom – Velocity/Flow/QAV
 - xxvi. William Thompson – Academy of Zarathom – Oxidation Ditches
 - xxvii. William Thompson – Academy of Zarathom – Pipelines
 - xxviii. William Thompson – Academy of Zarathom – Preliminary Treatment/screening
 - xxix. William Thompson – Academy of Zarathom – Pretreatment
 - xxx. William Thompson – Academy of Zarathom – Pumps
 - xxxi. William Thompson – Academy of Zarathom – Sedimentation
 - xxxii. William Thompson – Academy of Zarathom – Solids Handling
 - xxxiii. William Thompson – Academy of Zarathom – Wastewater Biology
 - xxxiv. William Thompson – Academy of Zarathom – Water Hydraulic Principles
- d. Lance Lam – 2024 Pacific Water Conference
 - i. Approved for 1 CEU per 8 hours of contact time.
6. Request for Temporary Certification
- a. None.
7. Plant Classifications

- a. None.
8. CBT Exams
- a. Review exam results between October 25, 2023 – December 11, 2023
 - i. Grade 1 = 0/0 = N/A
 - ii. Grade 2 = 1/2 = 50% passing rate
 - iii. Grade 3 = 0/1 = 0% passing rate
 - iv. Grade 4 = 0/1 = 0% passing rate
 - b. Jarrett Adolpho, Gr. 1 – Form 1. Denied. Requires signature for review. Update as of 1/2/2024: received additional information and approved to take Gr. 1 exam.
 - c. Bryson Higa, Gr. 3 – Form 1. Approved to take Gr. 3 exam.
 - d. James Atkins, Gr. 1 – Form 1. Approved to take Gr. 1 exam. Approved for 4 CEUs for math course applicable for any Gr. and 4 CEUs for writing course only applicable for Gr. 3 and 4.
 - e. Wesley Spence, Gr. 1 – Form 1. Approved to take Gr. 1 exam.
9. 2024 February Paper Exam (Kaua'i)
- a. Hardesty, Tevyn, Gr. 1 – Form 1. Approved to take Gr. 1 exam.
 - b. Pacheco, Miles, Gr. 1 – Form 1. Approved to take Gr. 1 exam.
10. 2024 Renewal Applications
- a. Kim Dochin, Gr. 1. Renewal approved for Gr. 4.
 - b. Jon Musick, Gr. 4. Denied. Requires submission of CEUs.
 - c. Robert Au, Gr. 4. Renewal approved for Gr. 4.
11. Other
- a. 2024 BOC Meeting Schedule
 - i. February 21 – Oahu, Pacific Water Conference
 - ii. March 21 – 22 – Hilo
 - iii. May 17 – Oahu
 - iv. June 27 – 28 – Kauai
 - 1. August 15 Exam in Kauai
 - v. September 12 – Oahu

- vi. October 17 – 18 – Maui
- vii. December 5 – 6 – Kona
- b. Hawaii Vacant Position for Board of Certification – Mr. Ramzi Mansour
- c. Michael Crutchfield, Gr. 2 – Form 1. Approved to take Gr. 2 exam.

12. Executive Session Discussion – An anticipated executive meeting may be held. The meeting may be convened for the purpose of discussing policies and procedures to maintain and increase consistency and efficacy.

F. Adjournment: Time – 1:00 PM By – Robert Souza

Next Scheduled BOC meeting: February 21, 2024

Next BOC Activity: WW Operator Examination – February 15, 2024

Note: Reasonable accommodations for people with disabilities are available upon request. Include a description of the accommodation you will need and tell us how to contact you if we need more information. Make your request as early as possible. Last minute requests will be accepted but may be impossible to fill. Please call Sina Pruder at (808) 586-4294 or email at sina.pruder@doh.hawaii.gov.