

BOARD OF CERTIFICATION OF OPERATING PERSONNEL IN WASTEWATER TREATMENT PLANTS

MEETING MINUTES

Date: May 17, 2019
Time: 9:30 am – 4:30 pm
Location: Wastewater Branch
WWB Conference Room (Room 207)
2827 Waimano Home Road
Pearl City, HI 96782

Board Members: Robert Souza (RS), Chair, City and County of Honolulu
Dr. Roger Babcock (RB), Vice-Chair, University of Hawaii Faculty
Gary Hutchinson (GH) HWEA
Kevin Nakamura (KN), Department of Health (Unable to Attend)
Loren Tanigawa (LT), County of Kauai
Ron Hay, P.E. (RH), Private Sector (Unable to Attend)
Virgil Viernes (VV), County of Maui (Unable to Attend)
Emily Dong (ED), Professional Engineer in Private Practice

Guests: Jon Nakashima, County of Kauai
Chelsea Faisca, Aqua Engineers
Willette Lum, Aqua Engineers
Sue Liu, Department of Health Wastewater Branch

MEETING MINUTES

- A. Call to Order: Time – 9:35 AM By – Robert Souza**
- B.** Review minutes of the previous Board of Certification (BOC) meeting held on March 7-8, 2019.
- C. Old Business**
1. Appointment with Mr. Michael Dillard from iOn Reliability regarding CEU request at 10am.
 - a. Michael provided cursory information for training and requested additional information for what to submit. Michael to submit content for CEU request.
- D. New Business**
1. Review February Exam Results, if available before the meeting.
 - a. There was no February exam.
 2. DRC Notification
 - a. Kailua Regional WWTP
 - i. Accepted as provided. Primary DRC: Harry Hauck. Secondary DRC: Mark Nojiri. Third DRC: Victor Peltier.

- b. Laie Water Reclamation Facility
 - i. Accepted as provided. Primary DRC: Harry Hauck. Secondary DRC: Jay Gonsalves.
- c. Waimanalo WWTP
 - i. Accepted as provided. Primary DRC: Harry Hauck. Secondary DRC: Michael Magee.
- d. Kahuku WWTP
 - i. Accepted as provided. Primary DRC: Harry Hauck. Secondary DRC: Terry Onizuka.
- e. Paalaa Kai WWTP
 - i. Accepted as provided. Primary DRC: Wayne Salas. Secondary DRC: Warren Abamonga. Third DRC: Alden Abe.
- f. Waianae WWTP
 - i. Accepted as provided. Primary DRC: Wayne Salas. Secondary DRC: Warren Abamonga. Third DRC: Berwin Nyuha.
- g. Wahiawa WWTP
 - i. Accepted as provided. Primary DRC: Wayne Salas. Secondary DRC: Warren Abamonga. Third DRC: Chun Ming Yuen.
- h. The Makahuena at Poipu AOA
 - i. Accepted as provided. Primary DRC: Eric Moriguchi.
- i. Poipu Shores
 - i. Accepted as provided. Primary DRC: Eric Moriguchi.
- j. Honouliuli WWTP
 - i. Accepted as provided. Primary DRC: Wayne Salas. Secondary DRC: David Yamada. Third DRC: Robert Choate.
- k. Pulehunui Heavy Industrial Subdivision
 - i. Accepted as provided. Primary DRC: Salvatore Marino. Secondary DRC: Dominick Marino.
- l. Sunset Kahili
 - i. Accepted as provided. Primary DRC: Eric Moriguchi.
- m. Kailua Regional WWTP (see above)
- n. Kaloko Housing WWTP
 - i. Accepted as provided. Primary DRC: Alika DeMello. Secondary DRC: John Leong Jr.

- o. Kealakehe WWTP
 - i. Accepted as provided. Primary DRC: Alika DeMello. Secondary DRC: John Leong Jr.
 - p. Honoka'a WWTP
 - i. Accepted as provided. Primary DRC: Alika DeMello. Secondary DRC: John Leong Jr.
3. Requests for Reciprocity
- a. Mark Miller, Gr. 1 (Oregon)
 - i. Denied. Provide evidence of where exam was taken and current application for employment in Hawaii.
 - b. Norman Payne, Gr. 4 (Georgia)
 - i. Denied. No reciprocity with Georgia.
 - c. Jeffrey Lavicka, Gr. 4 (Colorado)
 - i. Approved for Grade 4 pending payment for license.
4. CEU Approval (Operators)
- a. Stefan Pichl
 - i. Denied.
 - b. Rory Belanio
 - i. Approved for 82.5 CEUs through Colorado Mesa University credits including water quality, process, and chemistry courses. Approved for 14.5 CEUs through the California State University, Sacramento Courses for the following:
 - (1) O&M WW VOL. 1 = 4 CEUs
 - (2) O&M WATER DISTRIBUTION SYSTEMS = 2 CEUs
 - (3) WATER PLANT OPS 1 = 2 CEUs
 - (4) OPS WASTEWATER PLANT 1 = 5 CEUs
 - (5) Enviro Clear Lab/Solids = 0.5 CEUs
 - (6) Enviro Clear Collection System = 0.5 CEUs
 - (7) Enviro Clear Regulations = 0.5 CEUs
 - c. Marc Nadig

- i. Approved for 21.9 CEUs through Diablo Valley College and Arizona State University.
- 5. Request for CEUs (Courses)
 - a. Taner Durusu, Building Community-Based Water Resilience
 - i. Denied. Content is not directly applicable to Wastewater Operators.
 - b. Rachel Sinclair, Water Excavation Course
 - i. Denied. Content is not directly applicable to Wastewater Operators.
 - c. Rachel Sinclair, Water Industry Excavation & Flagger and Cone Safety
 - i. Denied. Content is not directly applicable to Wastewater Operators.
 - d. Jordan Fahmie, Pacific Water Conference
 - i. Pacific Water Conference Approved for 0.125 CEUs/hour.
 - ii. Operations Challenge will be 4 hours * 0.125 CEUs/hour = 0.5 CEUs for the 2019 Pacific Water Conference.
 - e. Matt Jones, Residuals and Biosolids Conference
 - i. Approved.
 - f. Paul Leonard, Basic Hydraulics And Portable Pump System Design
 - i. Approved for 0.75 CEUs.
- 6. Plant Classifications
 - a. Au Kai Hale Makai WWTP
 - i. Requires classification, BOC to visit.
 - b. Wailehua Apartments Wastewater Treatment System
 - i. Requires classification, BOC to visit.
 - c. Poipu WWRF R-1 Upgrade
 - i. Requires classification, BOC to visit.
 - d. 7,000 GPD WWTP
 - i. Requires classification, BOC to visit.
- 7. CBT Exams

- a. Review exam results between February 26, 2019 – May 8, 2019
 - i. Grade 1 = $2/5 = 40\%$
 - ii. Grade 2 = $1/2 = 50\%$
 - iii. Grade 3 = $2/3 = 66\%$
 - iv. Grade 4 = $3/5 = 60\%$
 - b. Kevin Kaimikaua, Gr. 3, Form 1. Approved to take the Grade 3 exam.
 - c. Michael Muramoto, Gr. 1, Form 1. Approved to take the Grade 1 exam.
 - d. Prisca Eguchi-Padeken, Gr. 2, Form 1. Approved to take the Grade 2 exam.
 - e. John Choate, Gr. 2, Form 1. Approved to take the Grade 2 exam.
 - f. Matthew Sala, Gr. 1, Form 1. Approved to take the Grade 1 exam.
 - g. Alika DeMello, Gr. 4, Form 1. Approved to take the Grade 4 exam.
 - h. Darren Torres, Gr. 1, Form 1. Approved to take the Grade 1 exam.
 - i. Ian Oyama, Gr. 1, Form 1. Approved to take the Grade 1 exam.
 - j. James Ano, Gr. 3 and 4, Form 1. Approved to take the Grade 3 exam. Denied to take Grade 4 exam.
 - k. Jon-Justyn Torralva, Gr. 3, Form 1. Approved to take the Grade 3 exam.
8. August Paper Exam
- a. Alton Chandler, Gr. 2, Form 1. Approved to take the Grade 2 exam.
9. Other
- a. SWOTC course proposals: 90-hr Basic Course and 48-hr Intermediate Course.
 - i. The 90-day class was previously approved for 11 CEUs and prorated at 0.125 CEUs/hour for any hours missed. 48-hour intermediate course will also be prorated at 0.125 CEUs/hour for any hours missed.
 - b. Discussion with Sue Liu (WWB Engineer)
 - i. Yes, a DRC is required to visit their responsible wastewater treatment plant at least once a week for at least one hour. The

- DRC is required to sign the facility's log book as documentation on the site visits.
- ii. DRC must designate a temporary DRC and notify the Board of Certification.
 - iii. Tasks such as DO, pH, and 30-minutes settleability tests or collect effluent samples and other necessary work during visits may be performed by others under the direction of the DRC.
 - iv. The DRC is not required to live on the island of the plant. The DRC can provide direction and is ultimately responsible.
- c. Discussions for Next Meeting
- i. Fees related to the Board of Certification

E. Adjournment: Time - 2:00 PM By – Robert Souza

Next Scheduled BOC meeting: June 20-21, 2019, on Kauai

Next BOC Activity: WW Operator Examination – August 15, 2019