

# **BOARD OF CERTIFICATION OF OPERATING PERSONNEL IN WASTEWATER TREATMENT PLANTS**

## **MEETING MINUTES**

Date: Thursday-Friday, December 10-11, 2015  
Time: 10:00 am  
Location: Department of Health, Maui State Office Building, 55 S High Street, 3<sup>rd</sup> floor, Conference Room A, Wailuku, Maui  
Attendees: Kevin Nakamura (KN), Chair, Department of Health  
Robert Souza (RS), Vice-Chair, City and County of Honolulu  
Dr. Roger Babcock (RB), University of Hawaii Faculty  
Lee Mansfield, P.E. (LM), Professional Engineer in Private Practice  
Loren Tanigawa (LT), County of Kauai  
Ron Hay, P.E. (RH), Private Sector  
Virgilio Viernes (VV), County of Maui

## **MINUTES**

### **A. Call to Order at 10:00 on December 10, 2015**

### **B. Review October 2015 Meeting Minutes**

1. The minutes of the October 15-16, 2015 Board of Certification (BOC) meeting were approved.

### **C. Old Business**

1. Request for classification of Wailehua WWTP on Oahu. Babcock and Souza will do it. PENDING
2. Separate Applications for CBT exams: New CBT-only application forms (I and II) will be created to allow operators to apply for CBT tests at any time. Viernes will modify the electronic files for BOC review and approval at next meeting. PENDING
3. Owen Waltrip request to renew license. It is determined that Waltrip's Grade 2 license was not renewed in Oct 2014 and his license expired at that time. Mr. Waltrip must retake the certification examination in order to become licensed again.

### **D. New Business**

1. February 2016 Certification Examination application review. COMPLETED
2. Thomas Hackett, seeking Board review. PENDING
3. Keith Rollins. Based on a review of the submitted information, he is eligible to take the Grade 1 examination. He is awarded no CEUs at this time.

4. CBT Exam Results.
  - a. Between 10/14/15 and 12/9/15 there were 3 CBTs completed; 2 Gr 1 (2 pass) and 1 Gr 4 (fail).
5. Requests for CEUs:
  - a. Leon Soong submitted his High School transcripts. No CEUs are awarded for high school.
  - b. Shane Robins, awarded 6 CEUs for Ken Kerri, Volume 1.
  - c. Lee Ruppert, awarded 0.5 CEUs for TF/SC course by WoodMark Consulting on April 7, 2015.
  - d. Craig Tsutsumi, awarded 5 CEUs for Ken Kerri Vol 2.
  - e. Mario Raquino, awarded 2.25 CEUs for Confined Space course.
  - f. Roland Corpuz, awarded 5 CEUs for Ken Kerri Vol 2.
  - g. Piilani Watts, awarded 22.7 CEUs for math courses completed at Honolulu Community College.
  - h. Charles Johns, awarded 41 CEUs for Math, chemistry, physics and bioscience courses completed at Ohio State University.
6. DRC Notifications:
  - a. Ching Young Villiage WWTP, Class II facility, DRC Norman Matsuura, Grade 4.
  - b. Wahiawa Correctional Facility WWTP, Class II facility, Chantelle Clarke, Grade 4.
  - c. Lihue Puhi WWRF, Class III facility, DRC Matthew Louis, Grade 4. Secondary DRC Herman Santos, Grade 4.
  - d. Maui Lani Resort (Kala hui puaa Lagoons) WWTF, Class II facility, DRC Wilfred Marquez, Grade 2.
  - e. Mediteranean Gourmet, Class I facility, DRC Mansfield Dacay, Grade 4.
  - f. DRC of Lihue Kauai WWTP (Dennis Nakamura) is retiring Dec 30 and will no longer be the DRC. A new DRC is needed.
7. Requests for Reciprocity:
  - a. Shane Van Buskirk. Applied for Grade 4 by reciprocity from Pennsylvania. Approved pending submittal of \$50 certificate fee.
  - b. Allan Lacson. Applied for Grade 2 by reciprocity from California. Approved pending submittal of \$50 certificate fee.

8. Requests for Temporary Certification:
  - a. None.
9. Wastewater Treatment Plant Classifications
  - a. Mediterranean Gourmet, Haena, Kauai, 6 pts, Class 1.
  - b. Poipu Hyatt, Kauai, 51 pts, Class 2.
10. Request for Course Evaluation for CEU approval:
  - a. Amanda Morgenthal, submitted for approval, EPA webinar entitled "Free Preparedness Tools & Resources for Drinking Water & Wastewater Utilities." It is one contact hour. Approved for 0.1 CEUs.
  - b. Marian Nakama, submitted for approval, HWEA 8<sup>th</sup> Biennial Collection Systems Conference. Approved for 1.0 CEUs per 8 hours of attendance.
  - c. Chase Clements, submitted for approval, AllMax Software Training Courses. Three parts (Operator 10 Wastewater, Antero Maintenance, Synexus Pretreatment) are approved for 0.7 CEU each.
  - d. Jordan Fahime, submitted for approval, 2016 Pacific Water Conference. Most session are approved for CEUs on the basis of 1 CEU/8 hours contact time. The approved sessions are marked on the attached program sheets.
11. Planned meetings, exams, deadlines for 2016
  - a. Meetings: Jan 14 (Oahu), Feb 3 (at HWEA), Mar 10-11 (Hilo), May 5 (Oahu), June 23-24 (Kauai), Sep 22 (Oahu), Oct 27-28 (Maui), Dec 8-9 (Kona)
  - b. Exams: Feb 11 (app due Dec 4); Aug 18 (app due Jun 17)
  - c. License renewal: Oct 15 (app due Sep 15)

**E. Adjournment: December 11, 2015 – 4:00 pm**

Next BOC Meeting: January 14, 2016 (Oahu)

Wednesday, February 3, 2016  
 Council Meeting  
 Minutes by Public and Open House Participants (28 Jan)  
 Opening Number 28 Jan  
 Number 271

Time	Item	Report 272	Report 274	Report 275	Public	Time
8:00 - 8:30 pm	Board 207 A-B	1. NSG Bryce Thompson member Board of Public Safety	2. Energy Efficiency Program Bryce Thompson member Board of Public Safety	3. Energy Efficiency Program Bryce Thompson member Board of Public Safety		8:00 - 8:30 pm
8:30 - 8:45 pm	Wastewater BOC Meeting					8:30 - 8:45 pm
8:45 - 9:15 pm	Wastewater BOC Meeting					8:45 - 9:15 pm
9:15 - 9:30 pm	Wastewater BOC Meeting					9:15 - 9:30 pm
9:30 - 9:45 pm	Wastewater BOC Meeting					9:30 - 9:45 pm
9:45 - 10:00 pm	Wastewater BOC Meeting					9:45 - 10:00 pm
10:00 - 10:15 pm	Wastewater BOC Meeting					10:00 - 10:15 pm
10:15 - 10:30 pm	Wastewater BOC Meeting					10:15 - 10:30 pm
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11:00 - 11:15 pm	Wastewater BOC Meeting					11:00 - 11:15 pm
11:15 - 11:30 pm	Wastewater BOC Meeting					11:15 - 11:30 pm
11:30 - 11:45 pm	Wastewater BOC Meeting					11:30 - 11:45 pm
11:45 - 12:00 pm	Wastewater BOC Meeting					11:45 - 12:00 pm
12:00 - 12:15 pm	Wastewater BOC Meeting					12:00 - 12:15 pm
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2:00 - 2:15 pm	Wastewater BOC Meeting					2:00 - 2:15 pm
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2:45 - 3:00 pm	Wastewater BOC Meeting					2:45 - 3:00 pm
3:00 - 3:15 pm	Wastewater BOC Meeting					3:00 - 3:15 pm
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3:45 - 4:00 pm	Wastewater BOC Meeting					3:45 - 4:00 pm
4:00 - 4:15 pm	Wastewater BOC Meeting					4:00 - 4:15 pm
4:15 - 4:30 pm	Wastewater BOC Meeting					4:15 - 4:30 pm
4:30 - 4:45 pm	Wastewater BOC Meeting					4:30 - 4:45 pm
4:45 - 5:00 pm	Wastewater BOC Meeting					4:45 - 5:00 pm

WEST AND GREAT RECEIPTION 10:00 pm

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Thursday, February 4, 2016						
	Room 312	Room 311	Room 314	Room 215	Room 216	
	Program Management	Business/Technical	Business/Technical	Business/Technical	Business/Technical	Business/Technical
8:45 - 9:45 am	45 Construction of Low Energy Requirements of Station Project, with a low energy requirements program. Mike Pineda David and Colleen	42 Construction of a new station and related infrastructure for an industrial facility. Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	43 Construction of a new station and related infrastructure for an industrial facility. Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	44 The Right Treatment for Industrial Wastewater Programs Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	45 The Right Treatment for Industrial Wastewater Programs Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	8:45 - 9:45 am
9:45 - 10:30 am	47 Hydraulic Analysis of the BOD System James Kay Cory Smith	48 Construction of a new station and related infrastructure for an industrial facility. Mike Pineda David and Colleen	49 The Impact of Low Energy Requirements on Industrial Wastewater Treatment Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	50 SUE Stationery (SUE) Design and Construction Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	51 Operating Power Operations with the SUE Stationery Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	9:45 - 10:30 am
10:30 - 11:00 am	52 The Process of Integrated Process Design Accepted Design and Construction Mike Pineda David and Colleen	53 Construction of a new station and related infrastructure for an industrial facility. Mike Pineda David and Colleen	54 The Impact of Low Energy Requirements on Industrial Wastewater Treatment Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	55 SUE Stationery (SUE) Design and Construction Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	56 Operating Power Operations with the SUE Stationery Robert Whittier Steve and Lisa, Steve and Lisa, Steve and Lisa	10:30 - 11:00 am
11:00 - 11:45 am	58 Designing Effective Utility Management Through Optimized Resources James Kay Cory Smith	59 Designing Effective Utility Management Through Optimized Resources James Kay Cory Smith	60 Designing Effective Utility Management Through Optimized Resources James Kay Cory Smith	61 Designing Effective Utility Management Through Optimized Resources James Kay Cory Smith	62 Designing Effective Utility Management Through Optimized Resources James Kay Cory Smith	11:00 - 11:45 am
1:00 - 2:00 pm	63 Improving Water Production Efficiency Mike Pineda David and Colleen	64 Improving Water Production Efficiency Mike Pineda David and Colleen	65 Improving Water Production Efficiency Mike Pineda David and Colleen	66 Improving Water Production Efficiency Mike Pineda David and Colleen	67 Improving Water Production Efficiency Mike Pineda David and Colleen	1:00 - 2:00 pm
2:00 - 3:45 pm	68 The Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	69 The Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	70 The Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	71 The Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	72 The Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	2:00 - 3:45 pm
4:15 - 5:00 pm	73 Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	74 Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	75 Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	76 Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	77 Current State of Industrial Wastewater Treatment Mike Pineda David and Colleen	4:15 - 5:00 pm