



STATEWIDE WASTEWATER OPERATOR TRAINING CENTER  
WATER RESOURCES RESEARCH CENTER, UNIVERSITY OF HAWAII  
HONOLULU, HAWAII



TRAINING SESSION ANNOUNCEMENT  
**220 ODOR CONTROL SYSTEMS**

County: Honolulu  
Location: Sand Island WWTP, Training Room, 2<sup>nd</sup> Floor  
1350 Sand Island Pkwy  
Dates: **February 18 - 19 - 20, 2020**  
Times: 8:00 a.m. – 11:00 a.m.  
Lunch (11:00 a.m. – 12:00 p.m.)  
12:00 p.m. – 3:00 p.m.  
Ends at Noon on the 20th  
Audience: Operators  
Educational Point: **2.0 CEU**  
Instructor: Bruce Zhang  
Prerequisite: *Basic Course #101*

### COURSE DESCRIPTION

The purpose of this course is to provide operators and maintenance personnel an introduction to the need for odor control, health and safety issues, public relations, generation and measurement of odors, source control and containment, treatment technologies, the need for a systematic odor control strategy, case histories and a site visit. The treatment technologies covered include chemical processes such as chemical addition, thermal oxidation, absorption scrubbers, adsorption with activated carbon, and biological processes such as activated sludge and trickling filters and bulk media biofiltration. Treatment process issues include mechanisms, designs, removals, operation, maintenance and troubleshooting.

### REGISTRATION

All Treatment Plant Personnel (County, State, Private):

**TUITION: \$145**

Please mail application form and tuition directly to the Statewide Wastewater Training Center.

Include a CHECK payable to: **RCUH**      *We do NOT accept credit cards or cash*

Application form is at: [www.wrrc.hawaii.edu/waste-water-operator-training/](http://www.wrrc.hawaii.edu/waste-water-operator-training/)

Mail to: Statewide Wastewater Operator Training Center  
University of Hawaii, Water Resources Research Center  
2540 Dole Street, Holmes Hall 283  
Honolulu, Hawaii 96822.

Fax: 808-956-5014      Email: [uhwwtrainingcenter@gmail.com](mailto:uhwwtrainingcenter@gmail.com)

**Deadline: Feb 13, 2020**

The minimum enrollment for this class is 5.

*If fewer than five students are enrolled by the deadline, the class will be cancelled*

### EQUAL OPPORTUNITY

Any disabled person requiring special needs will be accommodated. Any disabled person requiring special assistance should contact the Administrator at 956-7298 or [uhwwtrainingcenter@gmail.com](mailto:uhwwtrainingcenter@gmail.com).