



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



TRAINING SESSION ANNOUNCEMENT
201 ACTIVATED SLUDGE PROCESS CONTROL (INTERMEDIATE)

County: Honolulu
Location: Sand Island WWTP Classroom, 2nd Floor, Ops Bldg
1350 Sand Island Pkwy
Dates: **May 16 - 17, 2018 (Revised Dates)**
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.
Audience: Operators
Educational Point: 1.0 CEU
Instructor: Krishna Lamichhane
Prerequisite: *Basic Course #101*

COURSE DESCRIPTION

This training program deals with the process control in an activated sludge system. As a plant operator, you know that the success of the treatment system is measured by the quality of the effluent. So, your main concern is to make sure that your effluent meets your regulatory agencies requirement. In many cases the required values for the biochemical oxygen demand (BOD) and suspended solids (SS) are less than 30 mg/l and that for the chemical oxygen demand (COD) is less than 100 mg/l. To maintain these levels and, thus have an effective operation, you must: (a) maintain an adequate number of microorganisms; (b) maintain good settling properties; (c) supply adequate air to the aeration tank; and (d) remove sludge from the clarifier before septic conditions or de nitrification problems occur. Other objectives include: (a) identify the components of aeration and clarification methods; (b) describe the purpose, operation, and maintenance requirements of major components; (c) use checklist to start-up, shut down and troubleshoot a system; and (d) demonstrate knowledge of F/M ratio, respiration rate, and then mean cell retention time for analyzing plant data.

REGISTRATION

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

TUITION: \$110

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/swotc.shtml

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

Deadline: May 9, 2018

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.