



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



TRAINING SESSION ANNOUNCEMENT
116 ULTRAVIOLET DISINFECTION

County: County of Kauai
Location: Kauai Civil Defense Classroom
3990 Kaana St., Suite 100
Dates: **January 23 and 24, 2019**
Times: 23rd: 9:00 a.m. – 3:00 p.m.
24th: 8:00 a.m. – 3:00 p.m.
Audience: Operators, Maintenance personnel
Educational Point: 1.0 CEU
Instructor: Steve Parabolicoli

COURSE DESCRIPTION

This course discusses: the three common methods for removing pathogens (chlorination, ozonation, and ultraviolet disinfection), advantages and disadvantages of each, how UV rays destroy the genetic material in pathogens, how to calculate lamp age, intensity, and exposure time for peak efficiency of the system; water reuse considerations for UV, the different lamp types and reactor configurations, alarm conditions, troubleshooting, maintenance practices and cleaning systems; to understand how ozone is generated and used to kill pathogens; and avoiding the many safety hazards of each system. Also includes troubleshooting and a field trip to a treatment plant.

REGISTRATION

1. County Wastewater Treatment Plant Personnel: **TUITION: Free**
Please submit an application form to your supervisor for approval and then fax/email to the Statewide Wastewater Training Center.
2. All Other Non-Municipal and Non-Wastewater Employees: **TUITION: \$110**
Please mail application form and tuition directly to the Statewide Wastewater Training Center. Check payable to: RCUH.

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: Jan 16, 2019

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.