



DRAFT COWA 2014 Professional Training Calendar

To learn more about partnering with COWA and hosting an event email cowaemail@gmail.com or call 530 513- 6658

| Dates <small>revised 10/14/13</small> | Event | Location |
|--|--|----------------|
| Jan. 13 8AM – 5PM | Routine Maintenance Inspections Load Testing Dispersal Components <i>Kit Rosefield</i> | Malibu, CA |
| Jan. 14 8AM – 5PM | OWTS Technology Management – Disinfection <i>Mark Gross PhD, P.E. & Guests</i> | Malibu, CA |
| Jan. 15 8AM – 5PM | OWTS System Controls <i>Mark Gross PhD, P.E. & Guests</i> | Malibu, CA |
| Jan. 16 8AM – 5PM | Low Pressure Pipe & Drip Dispersal Fundamentals <i>Nick Weigel P.E.</i> | Malibu, CA |
| March 5-6 8AM – 5PM | Annual COWA/NAWT OWTS Inspector Certification <i>Mike Treinen R.E.H.S. & Kit Rosefield</i> | Monterey, CA |
| April 9-10 8AM – 5PM | Annual Operation & Maintenance Level 1 <i>Nick Weigel P.E., & Kit Rosefield</i> | Alameda, CA |
| March or April | OWTS System Controls for Cal Trans Staff only <i>Mark Gross PhD, P.E. & Jeff Pringle</i> | Sacramento |
| March or April | Low Pressure Pipe & Drip for Cal Trans Staff only <i>Nick Weigel P.E.</i> | Sacramento |
| April 30- May 1 8AM – 5PM | Annual O&M Service Provider Level 2 <i>Nick Weigel P.E. & Kit Rosefield</i> | Paradise, CA |
| May 20-21 8AM – 5PM | Annual Site, Soils & Hydrogeology <i>Debra Robertson R.E.H.S. & Shane Cummings PG, CHG, CEG, QSD/P</i> | Santa Rosa, CA |

Routine Maintenance Inspections & Load Testing Dispersal Components

This one day educational program will discuss options on how to maximize your bottom line while offering best value to the customer through “Routine Maintenance Inspections”. We will review the basics of tank inspections and cover in detail new industry standards on load testing Drainfields and Seepage Pits.

OWTS Technology Management – Disinfection

This one day educational program will focus on Ultra Violet disinfection technologies for the onsite industry. Dr. Mark Gross will discuss the basics of UV disinfection, what specifying considerations should be addressed as well as important installation and OM&M considerations. He will be joined by UV product representatives who will cover the unique aspects of their technologies.

OWTS System Controls

Dr. Gross will partner with a leading panel manufacturer for a full day of valuable hands on training. You will learn of the basics of system controls and how to trouble shoot controls through tracing electrical current. A valuable program for anyone designing, installing or servicing OWTS with controlled processes.

Low Pressure Pipe & Drip Dispersal Fundamentals

Why, where and when do we use LPP & Drip? This one day program, developed by Nick Weigel P.E. will cover the basics of design, installation and service with a focus on appropriate application of technology. Lpp & Drip offer solutions for achieving even distribution in varying site and soil conditions where other options might not be

NAWT Onsite Wastewater Systems Inspector Training and Certification

A trend is growing where regulatory agencies, financial institutions, and builders are requiring that onsite practitioners show documentation of education and training for onsite systems inspection and management. This two day course, developed by the National Association of Wastewater Transporters delivers critical education and skills needed to implement standardized procedures in the inspection and management of conventional onsite systems.

Operations, Maintenance & Monitoring

This national training program presents a standardized method for evaluating the status of treatment, distribution and dispersal technologies used in advanced onsite wastewater treatment systems. It establishes a benchmark standard for operation, maintenance and monitoring activities. This program is delivered in two parts. Part 1, Introduction to O&M is a two day course that covers an industry overview, discusses Business and Ethics, Wastewater Math, Safety, Wastewater Characteristics and details technologies such as Tanks, Pumps, Demand Dosing, Gravity and Low Pressure Pipe distribution systems as well as at and above grade soil treatment applications. Classroom props are used to assist in the educational process. Completion of the NAWT Inspector program is recommended for success of Part 1. A certificate is issued for the successful completion of this part of the program. Part 2 is an advanced course expanding into Timed Dosing, Recirculation Ratios, and treatment technologies including Aerobic Treatment Units, Media Filters, Disinfection and Drip Dispersal. The Advanced program is a two day course and includes an afternoon "hands on" field session. A certificate is issued for the successful completion of this part of the program. Participation in Part 1

COWA Soils, Hydrogeology and Site Assessment

Based on the CIDWT** Water Movement in Soil educational materials we have improved and expanded the original COWA flagship program "Science of Soils" to include a better understanding of water movement in soil with additional hands on activities. The program is delivered by R.E.H.S Debra Robertson and Shane Cummings P.G. CHG, CEG, QSD/P