



Centre for Environmental Training

On-site Wastewater Management Training Course

31 October – 2 November 2022

Hobart, TAS



Key training for Site and Soil Assessors and Regulators to consolidate your skills in the design, technology and management of on-site and decentralised wastewater systems

The leading Australasian On-site Wastewater Management Training Course covering AS/NZS1547:2012 and Tasmanian Regulations

On-site Wastewater Management Training Course

On-site Wastewater Management

This very popular course is revised and updated for each presentation to illustrate best practice in on-site wastewater management. The course formally reviews competencies with an integrated series of practical and workshop exercises completed throughout the course. The course covers all aspects of the Standard AS/NZS 1547:2012 *On-site Domestic Wastewater Management* and the Tasmanian Regulations.

The course is designed for those involved in planning, design, regulation, management, installation and performance supervision of on-site and decentralised wastewater management systems. It is particularly relevant to Environmental Health Officers, Building Inspectors, Plumbing Inspectors, Environmental Managers, Planners, Surveyors, Catchment Managers, Site and Soil Assessors, Environmental and Engineering Consultants as well as on-site systems designers, manufacturers and installation and maintenance technicians.

Councils should encourage attendance by site and soil assessors preparing Wastewater Reports to support development applications.

The three-day course comprises lecture presentations, practical demonstrations, hands-on practical and workshop sessions and a field based site assessment and design exercise. There is ample opportunity for discussion, information exchange and networking with fellow on-site wastewater practitioners.

The course has been developed in conjunction with regulatory agencies and relevant professional bodies throughout Australia and New Zealand, and is widely recognised for Continuing Professional Development. The course is recognised for CPD points by Consumer, Building and Occupational Services (CBOS), Department of Justice (DoJ).

Participants receive comprehensive course notes and on completion, a certificate formally documenting the course content and competencies addressed.

Participants are asked to bring a calculator and, if possible, a shovel or an auger as well as suitable attire for the field based site assessment.

On-site Wastewater Management

Club Wyndham Seven Mile Beach
78 Surf Rd
Seven Mile Beach, TAS 7170

Technical sessions include:

- The Regulatory Environment
- Wastewater Quantification and Characterisation
- Primary Treatment; Septic Systems
- Composting Systems and Greywater Diversion
- Secondary Treatment; Sand Filters and Mounds
- Secondary Treatment; Wetlands and Reed Beds
- Aerated Wastewater Treatment Systems
- Tertiary Treatment; Disinfection and Advanced Processes
- Soil Absorption Systems; Trenches and Beds
- Soils; Hydraulic Conductivity and Dispersion
- Soil Properties, Classification and Testing
- Passive Dosing; Siphons and Flouts
- Evapotranspiration Systems
- LPED Systems and Wick Trenches
- Water Balance Analysis
- Nutrient Removal and Land Application Systems
- Irrigation Systems
- Land Capability Assessment
- Soil Landscape Interpretation
- Site and Soil Assessment
- Field Based Site and Soil Assessment
- Site Evaluation and Design Exercise
- Failing Systems; Auditing and Troubleshooting
- Tracing Failing Systems

On-site Wastewater Management Training Course

Course Presenters

Bill Cromer, BSc (Hons), Grad Dip BPM, Principal and Director, William C Cromer Pty Ltd. Bill has more than thirty years' experience in domestic and larger-scale wastewater disposal and geotechnical investigations in Tasmania. Bill is the author of Trench, a computer application to aid in site assessment and system sizing for domestic wastewater disposal and designer, manufacturer and distributor of the Cromer Constant Head Permeameter, a field instrument for the measurement of soil permeability.

Phillip Geary, BSc, MSc, PhD, MAWA, formerly Associate Professor in Environmental Science, School of Environmental and Life Sciences, The University of Newcastle, Phillip has served on the AS/NZS 1547 Standard Committee and was the inaugural Chair of the National On-site Systems Interest Group. Phillip has extensive practical and research experience in on-site wastewater management problems in Australia and overseas and has had numerous papers on his research published. His recent research relates to the impact of on-site wastewater systems on sensitive shellfisheries and the use of tracers.

Mark Saunders, BEnvSc. (Hons I), is a consultant at Whitehead & Associates Environmental Consultants Pty Ltd. Mark has wide-ranging experience in on-site wastewater management, including site assessment, system selection and design, project management, risk analysis, auditing and the preparation of operation and management plans for a wide variety of package treatment technologies. Mark has worked extensively in the public and private sector in both Australia and the USA.

Joe Whitehead, BSc, MAppSc, FGS, MEIA, MAWA, is Director of the Centre for Environmental Training, Australia and Principal of Whitehead & Associates Environmental Consultants Pty Ltd, a consultancy specialising in on-site and decentralised wastewater management. Joe is an Environmental and Engineering Geologist with wide experience in site evaluation and wastewater management in Europe, America and Australasia. Joe has contributed to the writing of a number of regulatory guidelines on on-site wastewater.

Course Enrolment Form (3285)

If you would like to enrol in this course please complete your details below or on-line at [Course Schedule - Environmental Training Whitehead Associates](#)

Participant Name	_____
Organisation	_____
Billing Address	_____
Postcode	_____
Purchase Order Number (if required by your organisation for invoicing)	_____
Tel	_____
e-mail	_____

PLEASE REGISTER ME FOR:

On-site Wastewater Management Training Course 31 October – 2 November 2022

The course will be held from 8.30am to 4.30pm at Ramada Resort, 78 Surf Rd, Seven Mile Beach, TAS 7170.

Course fee: \$2,340.00 + \$234.00 GST = Total \$2,574.00

10% discount for two or more registrations from the same organisation.

Course fee includes comprehensive course notes, lunch and morning and afternoon tea. Please tell us if you have special dietary requirements.

Payment Terms and Conditions: Once enrolment form is received we will send you a tax invoice outlining payment details. Payment can be made by Electronic Funds Transfer or via cheque payable to The Centre for Environmental Training.

Reservation deadline is one week prior to any workshop. **Cancellations must be notified five working days** prior to course start dates or full fees will be payable.

The Centre for Environmental Training
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CARDIFF NSW 2285
AUSTRALIA

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E-mail: mail@environmentaltraining.com.au

Web: www.environmentaltraining.com.au

On-site Wastewater Management

Competency based training covering all aspects of on-site wastewater management.

Covers the Standard AS/NZS 1547:2012 *On-site Domestic Wastewater Management* and the Tasmanian Regulations.

Provides up-to-date coverage of advances in the science, technology and management of on-site systems and a wide range of options and alternatives for problem sites.

Is prepared and presented by the leading team of on-site wastewater trainers in Australasia.

In excess of 4,000 wastewater professionals from Australia, New Zealand and the Pacific have already completed the course.

Participants receive comprehensive course notes and a certificate formally documenting competencies.

What previous participants have to say:

"I thoroughly recommend the course for both regulators and consultants. The course notes are a great reference."
Helen Tunks, hmc Environmental, Bonora Point, NSW.

"Very thorough and comprehensive, all the presenters were very professional. Course notes were very comprehensive."
Owen Ashby, EHA, WA.

"Excellent, good lively presenters all prepared to share their wealth of knowledge, heaps of information."
Bernie Cheetham, Hastings Council, NSW.

"Very good, invaluable to my work."
Brent Fletcher, Environment Waikato, New Zealand.

"Good, covered all areas that I think were necessary for a consultant."
Geoff McVey, Morse McVey, Nowra, NSW.

"One of the best technical courses I have been on in a long time. Really excellent content and really good practical experiments."
Andrew Stevens, Queensland.



Onsite i Site

All course participants receive a complimentary one-year subscription to our on-site wastewater information portal www.onsiteisite.com