



Centre for Environmental Training

Improved Landfill Management

Industry Training Opportunity

Topics Include

Improved Landfill Management Training Course



Busselton, WA

22-23 April 2024

Centre for Environmental Training, with the assistance of the City of Busselton, is pleased to offer this training opportunity to those in the waste management and resource recovery sector.

This two-day training course will include a variety of presentations to help participants understand aspects of siting, design, operation, management, closure and aftercare of a modern-day landfill and the key techniques to effectively manage its operation in line with current regulatory requirements.

The course will include a number of group workshop sessions to enable participants to share knowledge and identify practical solutions to everyday problems and challenges faced at operating landfills.

In addition, the course will also include a half-day visit to an operating landfill to view management practices and discuss aspects of landfill operations in light of the material covered in the course.

Participants are asked to bring suitable attire and appropriate PPE for the landfill site visit.



SITING

- Landfill site selection criteria
- Planning and approvals

DESIGN

- Cell construction and liners, natural and geosynthetic

MANAGEMENT & OPERATIONS

- Developing and maintaining a landfill environmental management plan
- Landfill facilities and equipment
- Occupational health and safety issues
- Gatehouse and weighbridge operations
- Waste separation and recycling options
- Waste receipt, spotting and screening
- Landfill operations, compaction, maximising airspace usage and cover options
- Special and hazardous wastes
- Leachate generation and management
- Landfill gas generation and management
- Noise, odour, dust, litter and fire control and management
- Drainage and stormwater management
- Erosion and sediment control
- Environmental monitoring and data analysis
- Innovative use of waste materials in landfill operations and restoration
- Remediation of problems at operating landfill sites
- Communication, education, consultation and liaison with external agencies
- Landfill economics
- Asset management of landfill sites

REHABILITATION & AFTERCARE

- Landfill closure and aftercare
- Rehabilitation of former landfill sites

Improved Landfill Management

Course Presenter

Joe Whitehead BSc MAppSc PGCE FGS

Joe is Director of the Centre for Environmental Training and Principal of Whitehead & Associates Environmental Consultants Pty Ltd, a consultancy specialising in wastewater, waste and landfill management.

Joe is an Environmental and Engineering Geologist with wide experience in consulting and education and training in Europe, America and Australasia.

Joe has experience in landfill design and management and has undertaken research into aspects of liners, covers, including evapotranspirative phytocap covers, and air-space usage.

Joe has lectured at four universities, two in Australia and two in the UK and in 2008 was Visiting Professor in Geological Engineering, University of Wisconsin, Madison, USA, working on innovative and best practice in leachate management in soil utilising evapotranspirative methods and the application of such technologies to landfill cover design in the Australian setting.

Joe has developed and presented over 250 professional short courses in Environmental and Geotechnical subjects for Government and Industry, throughout Australia, New Zealand and the Pacific over the period 1994 to present.



Course Enrolment Form (3655)

If you would like to enrol in this course please complete your details below or on-line at

<https://www.environmentaltraining.com.au/course-schedule>

Participant Name

Organisation

Billing Address

Postcode

Purchase Order Number

(if required by your organisation for invoicing)

Tel

e-mail

PLEASE REGISTER ME FOR:

Improved Landfill Management Training Course
22-23 April 2024

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The course will be held from 9.00am to 4.00pm.

Venue: Undalup Room, 2 Southern Drive, BUSSELTON WA 6280.

Course fee: \$1,900.00 + \$190.00 GST = Total \$2,090.00.

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

Course fee includes comprehensive course notes, lunches and morning and afternoon teas. Each participant will receive a certificate outlining the detailed content and duration of the course. Please bring required materials as noted in the brochure.

Payment Terms and Conditions: Payment can be made by EFT or credit card (a 2.6% surcharge applies). Places will be confirmed upon receipt of payment into our account. If you are unable to attend a course, you will need to advise us of cancellation at least 14 days prior to the course otherwise no refund will be provided. A full refund will be given where notice of cancellation is given more than 14 days before the course. 10% administration charge is applicable to all course transfers due to illness/non-attendance.

The Centre for Environmental Training

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What previous participants say:

"The content was well structured and touched on a vast array of topics."

"Very helpful, I picked up some things I can take away and try to implement."

"The presenter was very open to the participants asking questions. This gave me an opportunity to ask questions on things I wasn't sure about."

"The course content provided valuable information for daily operations and future closure plans."

"The presenter kept the group engaged and knew the content well."

"Extremely helpful, answered a lot of questions and explained/squashed a few myths."

"I work in landfill operations. It was interesting to see what goes on at other sites."

"Examples from real world landfills were helpful in illustrating principles."

"Lots of good ideas on how things can be done differently."



Onsite i Site

All course participants receive a complimentary subscription to our information portal
www.onsiteisite.com