

Sustainable Neighbourhoods

Clause 56 – Victorian Planning Provisions

56.07 Urban Run-off and 56.08 Site Management Training

Background

The revised Clause 56 of the Victorian Planning Provisions – the new residential subdivision provisions – will come into effect from 9 October 2006.

Integrated water management

The Integrated Water Management provisions 56.07-1 to 56.07-4 have the objective of managing the quality and quantity of run-off while minimising damage to properties and inconvenience to residents and ensuring that streets operate adequately during major storm events and provide for public safety.

The **Urban run-off management objectives 56.07-4** address urban stormwater. The standards to be met include performance objectives set out in the Urban Stormwater Best Practice Environmental Management Guidelines (BPEMs), published by CSIRO in 1999, as amended. One of the main ways of meeting these standards is to incorporate water sensitive urban design (WSUD) elements as part of the drainage system.

The development industry and local government officers will therefore need to understand the principles behind WSUD, the various technologies that can be used, what technology or device is best to use in a particular situation, and how to use industry design and assessment tools to determine whether a particular suite of technologies will meet the BPEM objectives.

The development industry and local government officers, designers and drainage engineers need to

understand when to use industry design and assessment tools, including software modelling packages such as STORM (Stormwater Treatment Objective Relative Measure) and MUSIC (Model for Urban Stormwater Improvement Conceptualisation).

Courses for beginners, intermediate and experienced staff have been offered in recent years and refresher and introductory courses are available on WSUD, MUSIC and STORM. **Please see the attached list and register your interest.**

Site management

New site management provisions are set out in the **Site management objectives 56.08-1**. These provisions require that subdivision applications describe how the site will be managed to minimise environmental impacts. EPA Victoria, in association with Melbourne Water, has developed a kit to assist the development industry and local government in designing and assessing site management descriptions.

EPA Victoria is also arranging training in the design of site management descriptions and how to correctly install and maintain the various types of site management measures.

The following table outlines the training available, who it is most suited to and contacts for further information. **Please see the attached list and register your interest.**

For further information on Clause 56, go to DSE's website at www.dse.vic.gov.au.



Table 1: Training courses available to assist in implementation of Clause 56.07 and 56.08.

Title	Description	Link to Clause 56	Target audience	Further information	Dates of course
Introduction to WSUD	Half-day course. This program has been specially designed for participants who need to apply the principles of water sensitive urban design concepts to decision making in greenfield subdivision and residential allotments. The course will focus on the importance of stormwater management as a key part of the urban water cycle, review the policy and statutory planning context, and examine a range of measures to deliver WSUD.	56.07	Beginners: planners and subdivision engineers	Register interest for future courses with Ian Innes-Wardell at ian.innes-wardell@epa.vic.gov.au	TBC Sep–Oct
WSUD for Subdivisions	One-day course. This training will provide information on implementing WSUD across subdivisions. It will provide an overview of WSUD, industry tools to design and assess WSUD, and case studies showcasing best-practice measures (e.g., rain gardens that have been integrated into streetscapes).	56.07	Intermediate: engineers, urban designers, asset managers and planners	Clearwater at Melbourne water Clearwater@melbournewater.com.au	Aug 31 (Narre Warren) Sept 7 (Werribee) Sept 8 (Sunbury) Sept 14 (South Morang) Sept 15 (Mt. Eliza)
Introduction to MUSIC	One-day course. This training is an entry-level course aimed at professionals in local government, consultancies and waterway and catchment management agencies. The course is appropriate for those who want a basic understanding of MUSIC in order to assess the design of stormwater management systems included as a part of a planning application.	56.07	Beginners: planners and subdivision engineers	ewater: Ian Innes-Wardell at ian.innes-wardell@epa.vic.gov.au	TBC Oct–Nov
Using MUSIC	Three-day course. This training is aimed at professionals in local government, consultancies and waterway and catchment management agencies. This proposed three-day course is appropriate for those who want to use MUSIC to design stormwater management systems but have had no prior training.	56.07	Intermediate: engineers and urban designers	Ewater Madeleine Hughes mjhughes@unimelb.edu.au	TBC (Melbourne or Bendigo)
Site management design & implementation	Two-day course. This course covers erosion and sediment control and is a Nationally Accredited Qualification unit (competency code RTD2202A). Participants will develop an understanding of the design and implementation of site management plans, undertaking risk assessment, understanding the role of vegetation and the characteristics of soil, relevant legislation and local environmental parameters.	56.08	Beginners and Intermediate: subdivision engineers, site managers and compliance officers	Swinburne University shortcourses@swin.edu.au	24–25 Aug (Lilydale) Oct (TBC)