

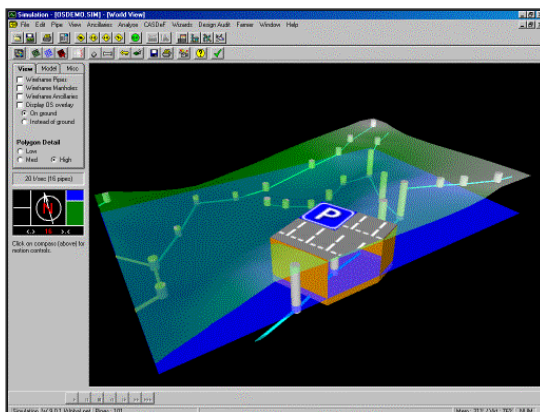
MICRO DRAINAGE HELP ENGINEERS COMPLY WITH NEW STANDARDS

Forward thinking drainage engineers are already anticipating forthcoming changes in legislation.

The EU Water Framework Directive will force a radical re-appraisal of drainage design and we welcome the outcome of the Greater Dublin Strategic Drainage Study, due at the end of the summer.

The new standards have put issues such as Sustainable Urban Drainage Systems (SUDS), climate change and flood risk assessment at the top of the engineering agenda.

With the anticipation of new standards comes a demand for skills to be honed. A 3 day series of Micro Drainage training was held in Dublin during May and delegates were trained using the latest WinDes, W9, drainage design software.



Sustainable Urban Drainage Systems (SUDS)

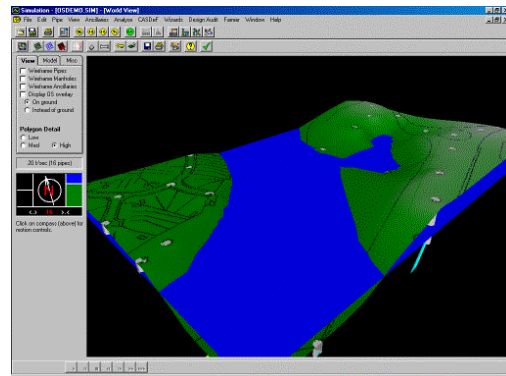
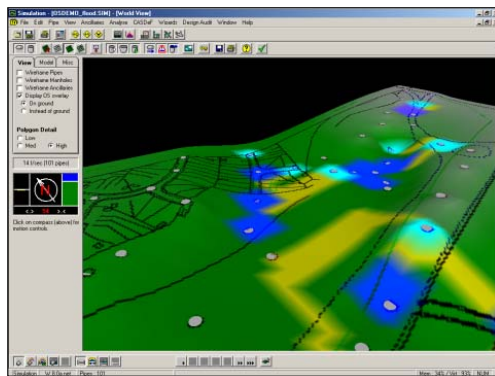
Micro Drainage pioneered the integration of SUDS into computer-based drainage design, with the launch of its Source Control module within WinDes.

The new edition of Source Control incorporates Mean Annual Flood calculations, allowing the existing discharge from rural or semi-rural urban catchments to be analysed. This enables drainage and flood assessments to be conducted at the planning stage.

CASDeF, when used in conjunction with Source Control, can now design single and multiple infiltration/storage structures in a fraction of the time previously required.

Climate change and flood risk assessments

The impact of future climate change on a drainage network can and should be tested at design stage. The engineer can test to “exceedance” by specifying additional rainfall intensities in accordance with latest research, ie +20%, +60% or even +100% more rainfall intensity can be passed through the designed drainage system, to check when and where flooding will take place.



For more information on how Micro Drainage can help you comply with the latest standards either call +44 1635 582555, or email sales@microdrainage.co.uk, or visit www.microdrainage.co.uk.

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ENDS

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Notes for editors

Micro Drainage was founded in Newbury in 1983 and developed the first drainage design suite for the PC. Its WinDes product is the industry-standard drainage design suite in the UK, while WinDap is the first drainage area planning suite to incorporate full analysis and design of Combined Sewer Overflows, in line with the requirements of AMP3. All Micro Drainage products

are backed by comprehensive technical support and training programmes, including engineering consultancy focusing on the application of the software.