

NEW VERSION!

music BY eWater



Effective modelling of urban stormwater solutions using water sensitive urban design



music accurately simulates real-time water sensitive urban design. It is based on proven Australian science and extensive user experience.

music (Model for Urban Stormwater Improvement Conceptualisation) is designed to help urban stormwater professionals visualise and compare design strategies to manage urban stormwater hydrology and pollution impacts.

music software has been continually refined over the past 10 years to incorporate the latest science and capabilities to suit the needs of the water industry.

music version 5 is now available, providing important new capabilities to this market-leading software.

music is now the stormwater modelling tool of choice for thousands of professionals working in private practice and government across Australia and has recently been adapted for application in other countries.

music can support your decision making by predicting the performance of stormwater quality management systems. It assists, at a conceptual level, in the planning and design of appropriate urban stormwater management systems for a wide range of catchments. By comparing measures to manage stormwater, you'll be better equipped to achieve the best water quality, hydrology and cost outcomes.

Want to know more?

Go to our website at www.ewater.com.au/music

T: 1300 5 WATER (1300 592 837) or +61 2 6201 5834 (outside Australia)

E: music@ewater.com.au

VERSION 5 NOW AVAILABLE:

New features:

- model alternative pollutants for better assessment of water quality outcomes
- link stormwater quality and flooding management initiatives using the new detention basin node
- import spatially aware background images and lock your **music** design to them
- multi-node edit, for more efficient comparison of node setup and design
- import and export from other modelling tools with ease
- more rainfall data types with the new data ingestion tool
- improved reporting and charting
- more refined bioretention science

Try **music** for yourself

A free 21-day trial version of **music** is available for download.

Go to www.ewater.com.au/music for more information.

What music does

- **Pre and post development assessment:** use the new pre and post development nodes when comparing an existing situation to a new development. This enables you to compare scenarios to see water quality changes and assess the achievement of water quality targets.
- **Pollutant modelling:** a user can simulate a range of different pollutants using the new 'swapping' tool. This allows you to swap an existing pollutant (e.g. suspended solids) for something that functions in a similar way (e.g. particulate heavy metals).
- **Flow Management:** peak flow is included in mean annual loads and treatment train effectiveness reporting. This allows the effects of storage and detention treatments such as detention basins, ponds, wetlands and biofilters to be seen. The detention basin node allows the simulation of the water quality and hydrologic impacts of these devices.
- **Water quality compliance:** rapidly assess compliance with water quality objectives and treatment train reductions at all points in a stormwater model.
- **Stormwater harvesting:** the reuse of stormwater can be simulated in any of the treatment nodes where ponding of water occurs, such as a detention basin, pond, wetland, biofilter and infiltration node. This allows the hydrologic and water quality impacts of large and small scale stormwater harvesting schemes to be modelled.
- **Rainwater harvesting:** **music** has the ability to simulate the effects of rainwater tanks including the impacts of harvesting and reuse of rainwater has on managing downstream water quality and flows.
- **Water balance:** examine all inputs and outputs at any point in the model so you can see exactly where infiltration, overflows and bypasses are occurring.
- **Life cycle costing:** this module allows you to quickly identify the key cost components in a treatment train, and also determine the levelised costs so that scenarios can be compared for cost-effectiveness.
- **Product listing service:** information on proprietary water quality treatment products from within **music**. Visit: www.ewater.com.au/products/product-listings-information

music user support

eWater offers:

- straightforward, easy to navigate support documentation to improve learning and issue resolution
- face-to-face training for new users, advanced users and development assessors
- network licences (USB Dongle) for improved licence management and access for larger organisations or for use on multiple sites
- Help Desk T: 1300 5 WATER (1300 592 837) or +61 2 6201 5834 (outside Australia).



TREATMENT DEVICES:

- Detention basin (new!)
- Rainwater tanks
- Bioretention
- Media filtration
- Infiltration
- Wetland
- Gross pollutant trap
- Swale
- Pond

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