

MUSIC-*link* Report

Project Details		Company Details	
Project:	134 - 140 Old Bathurst Road, Emu Plain - External Hard Stand Areas	Company:	MAJCON PTY LTD
Report Export Date:	25/08/2019	Contact:	Herman Lok
Catchment Name:	134-140 Old Emu Plains - Hardstand	Address:	Suite 8, 19-23 Bridge Street, Pymble NSW 2073
Catchment Area:	0.664ha	Phone:	0433 393 603
Impervious Area*:	100%	Email:	herman@majcon.com.au
Rainfall Station:	67113 PENRITH		
Modelling Time-step:	6 Minutes		
Modelling Period:	1/01/1999 - 31/12/2008 11:54:00 PM		
Mean Annual Rainfall:	691mm		
Evapotranspiration:	1158mm		
MUSIC Version:	6.3.0		
MUSIC-link data Version:	6.32		
Study Area:	Penrith		
Scenario:	Penrith Development		

* takes into account area from all source nodes that link to the chosen reporting node, excluding Import Data Nodes

Treatment Train Effectiveness		Treatment Nodes		Source Nodes	
Node: Receiving Node	Reduction	Node Type	Number	Node Type	Number
Flow	5.78%	Bio Retention Node	1	Urban Source Node	1
TSS	86.1%				
TP	64.8%				
TN	47.4%				
GP	99.9%				

Comments

NOTE: A successful self-validation check of your model does not constitute an approved model by Penrith City Council
MUSIC-*link* now in MUSIC by eWater – leading software for modelling stormwater solutions

Passing Parameters

Node Type	Node Name	Parameter	Min	Max	Actual
Bio	Bioretention 2	Hi-flow bypass rate (cum/sec)	None	99	0.2
Bio	Bioretention 2	PET Scaling Factor	2.1	2.1	2.1
Receiving	Receiving Node	% Load Reduction	None	None	5.78
Receiving	Receiving Node	GP % Load Reduction	90	None	99.9
Receiving	Receiving Node	TN % Load Reduction	45	None	47.4
Receiving	Receiving Node	TP % Load Reduction	60	None	64.8
Receiving	Receiving Node	TSS % Load Reduction	85	None	86.1
Urban	External hardstand area	Area Impervious (ha)	None	None	0.664
Urban	External hardstand area	Area Pervious (ha)	None	None	0
Urban	External hardstand area	Total Area (ha)	None	None	0.664

Only certain parameters are reported when they pass validation

