

MUSIC-*link* Report

Project Details		Company Details	
Project:	134-140 Old Bathurst Road	Company:	MAJCON PTY LTD
Report Export Date:	29/08/2019	Contact:	Herman Lok
Catchment Name:	134-140 Old Emu Plains - Carpark (with Stormsack)	Address:	Suite 8 / 19-23 Bridge Street, Pymble NSW 2073
Catchment Area:	0.072ha	Phone:	0433 393 603
Impervious Area*:	100%	Email:	Herman@MAJCON.com
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	0.0175%	Detention Basin Node	2	Urban Source Node	2
TSS	93.6%	Generic Node	1		
TP	76.8%	GPT Node	1		
TN	46.7%				
GP	100%				

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
Detention	2.25/0.45 SPELFilter (Half-height) Vault - REDUCED VOLUME	Hi-flow bypass rate (cum/sec)	None	99	99
Detention	OSD Storage	Hi-flow bypass rate (cum/sec)	None	99	99
GPT	SPEL Stormsacks (1)	Hi-flow bypass rate (cum/sec)	None	99	0.011
Receiving	Receiving Node	% Load Reduction	None	None	0.0175
Receiving	Receiving Node	GP % Load Reduction	90	None	100
Receiving	Receiving Node	TN % Load Reduction	45	None	46.7
Receiving	Receiving Node	TP % Load Reduction	60	None	76.8
Receiving	Receiving Node	TSS % Load Reduction	85	None	93.6
Urban	Parking Area (100% Imp - 355sqm)	Area Impervious (ha)	None	None	0.036
Urban	Parking Area (100% Imp - 355sqm)	Area Pervious (ha)	None	None	0
Urban	Parking Area (100% Imp - 355sqm)	Total Area (ha)	None	None	0.036
Urban	Parking Area to Aco Drain (100% Imp - 355sqm)	Area Impervious (ha)	None	None	0.036
Urban	Parking Area to Aco Drain (100% Imp - 355sqm)	Area Pervious (ha)	None	None	0
Urban	Parking Area to Aco Drain (100% Imp - 355sqm)	Total Area (ha)	None	None	0.036

Only certain parameters are reported when they pass validation

