

MUSIC-*link* Report

Project Details		Company Details	
Project:	2018.0063	Company:	S&G CONSULTANTS
Report Export Date:	23/04/2018	Contact:	SAMIR HAKIM
Catchment Name:	2018	Address:	14 LEXINGTON DR, BELLA VISTA
Catchment Area:	0.112ha	Phone:	0288834239
Impervious Area*:	56.57%	Email:	samir@sgce.com.au
Rainfall Station:	67113 PENRITH		
Modelling Time-step:	6 Mminutes		
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:	6.30		
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: Penrith	Reduction	Node Type	Number	Node Type	Number
Flow	0.00252%	Rain Water Tank Node	1	Urban Source Node	3
TSS	86.1%	Sedimentation Basin Node	1		
TP	79.1%	GPT Node	1		
TN	54.2%	Generic Node	1		
GP	100%				

Comments

Input values are in accordance to the advice given by stormwater 360

Passing Parameters

Node Type	Node Name	Parameter	Min	Max	Actual
GPT	5 x Enviropod (OCT 12 STAND ALONE USE ONLY)	Hi-flow bypass rate (cum/sec)	None	99	0.1
Sedimentation	Detention within SF	High Flow Bypass Out (ML/yr)	None	None	0
Urban	Landscaped Area	Area Impervious (ha)	None	None	0.005
Urban	Landscaped Area	Area Pervious (ha)	None	None	0.048
Urban	Landscaped Area	Total Area (ha)	None	None	0.054
Urban	Paved Area	Area Impervious (ha)	None	None	0.012
Urban	Paved Area	Area Pervious (ha)	None	None	0
Urban	Paved Area	Total Area (ha)	None	None	0.012
Urban	Roof Area to RWT - 0.046HA	Area Impervious (ha)	None	None	0.046
Urban	Roof Area to RWT - 0.046HA	Area Pervious (ha)	None	None	0
Urban	Roof Area to RWT - 0.046HA	Total Area (ha)	None	None	0.046

Only certain parameters are reported when they pass validation

Failing Parameters

Node Type	Node Name	Parameter	Min	Max	Actual
Rain	5.4KL	% Reuse Demand Met	80	None	0
Sedimentation	Detention within SF	Notional Detention Time (hrs)	8	12	0.0498
Sedimentation	Detention within SF	Total Nitrogen - k (m/yr)	500	500	1
Sedimentation	Detention within SF	Total Phosphorus - k (m/yr)	6000	6000	1
Sedimentation	Detention within SF	Total Suspended Solids - k (m/yr)	8000	8000	1

Only certain parameters are reported when they pass validation