

MUSIC-*link* Report

Project Details		Company Details	
<b>Project:</b>	36-38 Rodley Avenue, Penrith	<b>Company:</b>	SGCE
<b>Report Export Date:</b>	11-Mar-20	<b>Contact:</b>	Ray
<b>Catchment Name:</b>	20180061-MUSIC-20200310	<b>Address:</b>	Suite 5.03 156 Pacific Hwy, St Leonards
<b>Catchment Area:</b>	0.108ha	<b>Phone:</b>	8883 4239
<b>Impervious Area*:</b>	60.37%	<b>Email:</b>	ray@sgce.com.au
<b>Rainfall Station:</b>	67113 PENRITH		
<b>Modelling Time-step:</b>	6 Minutes		
<b>Modelling Period:</b>	1-01-1999 - 31-12-2008 11:54:00 PM		
<b>Mean Annual Rainfall:</b>	691mm		
<b>Evapotranspiration:</b>	1158mm		
<b>MUSIC Version:</b>	6.3.0		
<b>MUSIC-link data Version:</b>	6.33		
<b>Study Area:</b>	Penrith		
<b>Scenario:</b>	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
<b>Flow</b>	5.42%	Bio Retention Node	1	Urban Source Node	6
<b>TSS</b>	88.3%	GPT Node	1		
<b>TP</b>	65.7%				
<b>TN</b>	54.6%				
<b>GP</b>	97.5%				

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	Hi-flow bypass rate (cum/sec)	None	99	99
Bio	Bioretention	PET Scaling Factor	2.1	2.1	2.1
GPT	1 x EnviroPod 200 (SFEP USE 2011B)	Hi-flow bypass rate (cum/sec)	None	99	0.02
Urban	BYPASSING (7% imperv. 321m2)	Area Impervious (ha)	None	None	0.001
Urban	BYPASSING (7% imperv. 321m2)	Area Pervious (ha)	None	None	0.030
Urban	BYPASSING (7% imperv. 321m2)	Total Area (ha)	None	None	0.032
Urban	Driveway (100% imperv.63m2)	Area Impervious (ha)	None	None	0.002
Urban	Driveway (100% imperv.63m2)	Area Pervious (ha)	None	None	0
Urban	Driveway (100% imperv.63m2)	Total Area (ha)	None	None	0.002
Urban	Landscape (100% perv. 25m2)	Area Impervious (ha)	None	None	0
Urban	Landscape (100% perv. 25m2)	Area Pervious (ha)	None	None	0.003
Urban	Landscape (100% perv. 25m2)	Total Area (ha)	None	None	0.003
Urban	Landscape (100% perv. 87m2)	Area Impervious (ha)	None	None	0
Urban	Landscape (100% perv. 87m2)	Area Pervious (ha)	None	None	0.009
Urban	Landscape (100% perv. 87m2)	Total Area (ha)	None	None	0.009
Urban	Paved (100% imperv. 127m2)	Area Impervious (ha)	None	None	0.013
Urban	Paved (100% imperv. 127m2)	Area Pervious (ha)	None	None	0
Urban	Paved (100% imperv. 127m2)	Total Area (ha)	None	None	0.013
Urban	Roof (100% imperv. 492m2)	Area Impervious (ha)	None	None	0.049
Urban	Roof (100% imperv. 492m2)	Area Pervious (ha)	None	None	0
Urban	Roof (100% imperv. 492m2)	Total Area (ha)	None	None	0.049

Only certain parameters are reported when they pass validation

