

MUSIC-*link* Report

Project Details		Company Details	
Project:	201332 Mamre A	Company:	N.F.BILLYARD PTYLTD
Report Export Date:	17/12/2020	Contact:	Noel Billyard
Catchment Name:	201332 Mamre A	Address:	11 York St, Oatlands, NSW2117
Catchment Area:	0.2146ha	Phone:	0414 597 913
Impervious Area*:	76.27%	Email:	noel@nfbillyard.com
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:	6.33		
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: LPOD	Reduction	Node Type	Number	Node Type	Number
Flow	0.000462%	Detention Basin Node	1	Urban Source Node	4
TSS	85.9%	GPT Node	1		
TP	70.1%	Generic Node	1		
TN	58.6%				
GP	100%				

Comments

Treatment nodes are set by SPEL

Passing Parameters

Node Type	Node Name	Parameter	Min	Max	Actual
GPT	1 x SPEL Stormsacks	Hi-flow bypass rate (cum/sec)	None	99	0.011
Receiving	LPOD	% Load Reduction	None	None	0.000462
Receiving	LPOD	GP % Load Reduction	90	None	100
Receiving	LPOD	TN % Load Reduction	45	None	58.6
Receiving	LPOD	TP % Load Reduction	60	None	70.1
Receiving	LPOD	TSS % Load Reduction	85	None	85.9
Urban	Hardstand - 184.67m ² (100% imp)	Area Impervious (ha)	None	None	0.018
Urban	Hardstand - 184.67m ² (100% imp)	Area Pervious (ha)	None	None	0
Urban	Hardstand - 184.67m ² (100% imp)	Total Area (ha)	None	None	0.018
Urban	Paved - 358.31m ² (100% imp)	Area Impervious (ha)	None	None	0.035
Urban	Paved - 358.31m ² (100% imp)	Area Pervious (ha)	None	None	0
Urban	Paved - 358.31m ² (100% imp)	Total Area (ha)	None	None	0.035
Urban	Pervious - 509.06m ² (0% imp)	Area Impervious (ha)	None	None	0
Urban	Pervious - 509.06m ² (0% imp)	Area Pervious (ha)	None	None	0.050906
Urban	Pervious - 509.06m ² (0% imp)	Total Area (ha)	None	None	0.050906
Urban	Roof - 1093.96m ² (100% imp)	Area Impervious (ha)	None	None	0.109
Urban	Roof - 1093.96m ² (100% imp)	Area Pervious (ha)	None	None	0
Urban	Roof - 1093.96m ² (100% imp)	Total Area (ha)	None	None	0.109

Only certain parameters are reported when they pass validation

Failing Parameters

Node Type	Node Name	Parameter	Min	Max	Actual
Detention	4.45/0.45 SPELFilter Vault (450mm)	Hi-flow bypass rate (cum/sec)	None	99	100

Only certain parameters are reported when they pass validation
