

On-Site Detention Calculation Sheet

Project:	Proposed Childcare Centre	Lot No. 15-16
Location:	31-32 Park Avenue, Kingswood	DP No. 29528
Designer:	MultiPro Consultants	OSD No. 1

OSD Area:

			Drowned		
Site Area	0.138		0.138		
Basic Storage Volume	45.63		45.63		
Basic Discharge	12.34		12.34		
Area of Site to Storage	0.130	95%	0.130	95%	
Percentage of Site	94.56		94.56		
Storage per ha of contributing area	350.04		350.04		
Volume/PSD Adjustment	120.05		120.05		
PSD for site	15.64		15.64		
Maximum Head to Orifice Centre	1.290		0.650		
Calculated Orifice Diameter	0.080		0.080		
Maximum discharge	15.643		11.111		
Head for high early discharge	1.190		0.550		
High Early Discharge	15.024	96%	10.221	65%	
Mean Discharge	15.334		10.666		
Average Discharge per Hectare	117.617		81.811		
Final Site Storage Ratio	357		465		
Site Storage Volume	46.53		60.67		
Volume Provided	69.50	149%	69.500	115%	

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