

On-Site Detention Calculation Sheet using Simplified Method	
Project:	OSD 1
Site Address	4 Feilberg Place ,Abbotsford
Job No:	17-124
Designer:	RD
Telephone:	429689278
Site Area	1751 m ²
Impervious Area	1055 m ²
Area of the OSD	43.878 m ²
Depth of ponding from the centreline of the orifice to the upper water surface level	1.33 m
Minimum Site Storage Requirement	40.8 m ³
Additional Storage Requirement	17 m ³
Total Storage Requirement	57.8 m ³
Maximum Permissible Site Discharge	20 L/sec
Diamer of the Orifice	91 mm

Use Table 2b