

	TANK 1	TANK 2	TANK 3
SITE AREA	0.68ha	0.45ha	0.44ha
BY-PASS AREA	0.067ha	0.045ha	0.07ha
Q 50 TOP WATER LEVEL	11.10	10.10	9.10
Q_2 TOP WATER LEVEL	9.59	9.24	8.15
TANK BASE LEVEL	8.70	8.70	7.50
2 YEAR ORIFICE CENTRE RL	8.70	8.70	7.50
50 YEAR DESIGN STORAGE (V_{50})	203.6m³	137.5m³	132.2m³
2 YEAR DESIGN STORAGE (V_2)	91.6m ³	61.9m ³	59.5m³
PERMISSIBLE SITE DISCHARGES			
ADJUSTED PSD 50	107.8l/s	73.0l/s	53.3l/s
ADJUSTED PSD ₂	37.7l/s	25.5l/s	18.7l/s
OUTLET CONTROL FOR 50 YEAR ARI			
HEIGHT FROM TWL TO ORIFACE CENTRE	1.51m	0.86m	0.95m
50 YEAR ORIFACE DIAMETER (D_{50})	203.3mm	192.5m	160.5mm
OUTLET CONTROL FOR 2 YEAR ARI			
HEIGHT FROM TWL TO ORIFACE CENTRE	0.89m	0.54m	0.65m
2 YEAR ORIFACE DIAMETER (D $_2$)	137.3mm	127.9m	104.4mm

0.3m FREEBOARD FROM	
R OVERFLOW TOP	
TER LEVEL TO FFL	

Branches @ St Leonards Parramatta Canberra Wagga Wagga	Project PROPOSED DEVELOPME
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