

Location upon which rainfall based: Years of rainfall data modeled: Tank capacity: Connected Roof area (m <sup>2</sup> ) Number of occupiers: Consumption per day: Internal water use L/day (RWT): Total internal water requirement (L/day): Average external water use L/day:	Glen Osmond 8			Glen Osmond 8			Glen Osmond 8			Glen Osmond 8			Glen Osmond 8		
	4500	9000	13500	4500	9000	13500	4500	9000	13500	4500	9000	13500	4500	9000	13500
Option 1: irrigation use only				Option 2: toilet only			Option 3: low grade use (toilet and laundry use only)			Option 4: Whole of house (standard use)			Option 5: Whole of house (water conserving) external use when available		
	0			120			250			450			265		
	0			120			250						265		
	372.60												372.6027397		
Average rainfall from data (mm):	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.34	618.3375	618.34	618.34
Average ANNUAL harvest into tank (KL):	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.12	105.11738	105.12	105.12
Ave overflow from tank (per occasion) L:	1216.95	1200.41	1175.74	1245.22	1231.13	1225.94	1251.23	1185.51	1209.47	1245.65	1251.62	1067.32	1224.4516	1153.88	1176.26
Number of overflows / year:	49.38	44.63	41.25	51.13	49.25	49.00	31.00	26.50	22.25	15.75	7.63	4.63	23.25	18.00	13.88
Average annual yield (demand met by harvested roof run-off) (KL):	45.03	51.55	56.62	41.19	43.66	43.66	66.36	73.38	77.33	85.55	95.63	100.24	76.648875	84.35	88.80
Average draw upon mains water / annum to meet deficit in tank connection (KL):	90.97	84.45	79.38	2.61	0.14	0.14	24.89	17.87	13.92	78.70	68.62	64.01	156.07613	148.38	143.93
Daily demand on tank met as percentage of average daily demand on tank:	56.03%	60.00%	62.60%	93.56%	99.62%	99.62%	70.62%	79.04%	83.60%	47.77%	54.83%	57.91%	42.95%	47.40%	49.45%
Reduction in overflows to street (as % of runoff from the effective roof area connected to tank storage)	42.84%	49.04%	53.86%	39.19%	41.53%	41.53%	63.13%	69.81%	73.56%	81.39%	90.97%	95.36%	72.92%	80.24%	84.47%
Ave. no. days / year in which the tank met FULL daily demand	204.50	219.00	228.50	341.50	363.63	363.63	257.75	288.50	305.13	174.38	200.13	211.38	156.75	173.00	180.50

Options "1-4" (above) do not calculate the draw on mains water for use outside the home - but rather as a back-up for internal consumption.

Irrigation use provides for 350 Litres / day in April & September, 500 L/day in March & October, and 700 L/day from Nov - Feb when available in tank (pumped connection).