

Location upon which rainfall based: Years of rainfall data modeled: Tank capacity: Connected Roof area (m ²) 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		
					120		250			450			265		
					120		250						265		
	372.6												372.6		
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	618.34	618.34	618.34
Average ANNUAL harvest into tank (KL):	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84	78.84
Ave overflow from tank (per occasion) L:	909.15	879.55	857.64	937.83	940.05	939.42	925.87	862.82	897.03	1068.12	742.25	#DIV/0!	951.62	1006.78	871.66
Number of overflows / year:	45.25	40.63	36.38	41.75	37.50	36.50	20.13	14.75	9.75	6.13	1.50	0.00	13.50	7.50	5.38
Average annual yield (demand met by harvested roof run-off) (KL):	37.70	43.11	47.64	39.45	42.79	43.19	60.24	65.97	69.39	72.30	77.72	78.84	65.99	71.29	74.15
Average draw upon mains water / annum to meet deficit in tank connection (KL):	98.30	92.89	88.36	4.35	1.01	0.61	31.01	25.28	21.86	91.95	86.53	85.41	166.73	161.44	158.57
Daily demand on tank met as percentage of average daily demand on tank:	51.75%	55.14%	57.64%	89.38%	97.47%	98.53%	63.46%	70.41%	74.28%	39.08%	42.81%	43.70%	38.29%	41.51%	42.88%
Reduction in overflows to street (as % of runoff from the effective roof area connected to tank storage)	47.82%	54.68%	60.43%	50.03%	54.27%	54.78%	76.40%	83.68%	88.02%	91.70%	98.59%	100.00%	83.70%	90.42%	94.06%
Ave. no. days / year in which the tank met FULL daily demand	188.88	201.25	210.38	326.25	355.75	359.63	231.63	257.00	271.13	142.63	156.25	159.50	139.75	151.50	156.50

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).