

Land at Abbey Fruit Farm, Grange Road Netley - Water Efficiency Calculator - Post Construction

PRODUCT TYPE	DETAILS	PRODUCT	FLOW RATE / CAPACITY	USE FACTOR	FIXED USE (L/P/D)	LITRES PER DAY
WC (dual flush)	Full flush volume (litres)		6	1.46	0.00	8.76
WC (dual flush)	Part flush volume (litres)		3	2.96	0.00	8.88
Basin taps	Flow rate (litres/minute)	5.67 litre flow restrictor	5.67	1.58	1.58	10.54
Bath (with shower)	Capacity to overflow (litres)		175	0.11	0.00	19.25
Shower (with bath)	Bath and shower		7.5	4.37	0.00	32.78
Bath only	Capacity to overflow (litres)			0.50	0.00	0.00
Shower only	Flow rate (litres/minute)			5.60	0.00	0.00
Kitchen sink taps	Flow rate (litres/minute)	6.43 litre flow restrictor	6.43	0.44	10.36	13.19
Washing machine	Litres/kg dry load	Default	8.17	2.1	0.00	17.16
Dishwasher	Litres/place setting	Default	1.25	3.6	0.00	4.50
Waste disposal unit	Litres/use	None	0	3.08	0.00	0.00
Water softener	Litres/person/day	None	0	1.00	0.00	0.00

Performance target	Max Consumption (l/p/d)
Part G Compliance	125
CSH (Level 1/2)	120
CSH (Level 3/4)	105
CSH (Level 5/6)	80

Total calculated use (l/p/d)	115.05
Contribution from greywater (l/p/d)	0.00
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Normalisation factor	0.91
Total water consumption (CSH)	104.70
External water use	5.00
Total water consumption (Part G)	109.70

Level 3/4

Compliant

Please note: CSH = Code for Sustainable Homes
l/p/d = Litres per person per day