Part G Water Efficiency Calculator **Project - Albion Street** **Description - 49No. 1B/ 2B Flats**

Installation Type	Unit of Measure	Capacity/ Flow rate (1)	Use Factor (2)	Fixed use (litres/ person/ day) (3)	Litres/ person/ day = (1) x (2) + 3
WC (single Flush)	Flush volume (litres)	0	4.42	0	0
WC (dual flush)	Full flush volume (litres)	6	1.46	0	8.76
	Part flush volume (litres)	4	2.96	0	11.84
WC (multiple fittings)	Average effective flushing volume (litres)	0	4.42	0	0
Taps (excluding kitchen/ utility room taps)	Flow rate (litres/min)	5	1.58	1.58	9.48
Bath (where shower also present)	Capacity to overflow (litres)	149	0.11	0	16.39
Shower (where bath also present)	Flow rate (litres/ minute)	8	4.37	0	34.96
Bath only	Capacity to overflow (litres)	0	0.5	0	0
Shower only	Flow rate (litres/ minute)	0	5.6	0	0
Kitchen/ utility room sink taps	Flow rate (litres/ minute)	6	0.44	10.36	13
Washing machine	(Litres/ kg dry load)	8.17	2.1	0	17.157
Dishwasher	(Litres/ place setting)	1.25	3.6	0	4.5
Waste disposal unit	(Litres/ use)	0	3.6	0	0
Water softener	(Litres/ person/ day)	0	1	0	0
	5	Total Calculated use (litres/ person/ day)			104.247
	6	Contribution from greywater (litres/person/day)			0
	7	Contribution from rainwater (litres/person/day)			0
	8	Normalisation Factor			0.91
	9	Total water consumption = (5) - (6) -(7) x (8) (litres/ person/day)			95
	10	External Water Use			5
	11	Total water consumption (Building Regulation 17.K) = 9 + 10 (litres/ person/ day)			**100**

Applicable to all Flats Target <110Ltrs/ person/ day