

PERCOLATION TEST RESULTS

Applicant name: MR MATTHEW DOE

Site address: LAND ON THE WEST SIDE OF B3095, MAPPERTON HILL,
MERE, WARMINSTER, BA12 6LH

Building Regulation application number: 14/10556/FUL

STAGE 1 – Calculation of the average time for the water to soakaway and calculation of the Vp

	Hole 1	Hole 2	Hole 3	Total Time (Seconds)
Time taken in seconds for the water level to drop from 75% full to 25% full (225mm to 75mm)	10500	10020	11160	31680

Total time (seconds)	Average time			
31680	÷	3	=	10560
			÷	150
			=	70.4
				Vp

STAGE 2 - Calculation of the area of the drainage trench required (M²)

Potential number of occupants*	Percolation test result (Vp)			
2	X	70.4	=	140.8
			X	0.25
			=	35.2
				M²

* Potential number of occupants – this number must represent the number of people who **could** occupy the dwelling. For instance, where it is proposed that 3 people will occupy a dwelling which has 4 bedrooms each of which is of sufficient size to accommodate a double bed or two single beds the potential occupancy will be 8.