

Pontypool Storage Volume Calculations

Grid Reference ST 299 992

Estimated area pre development 25,364 m²
Estimated area post development 25,365 m²

Greenfield Discharge rate 5 l/s/ha

Pre development

Table for Pre development 2 year return period. Columns include surface cover area, runoff coefficient, and various land use types (hardstanding, roof, containers, open tanks, grassland, tree cover, pond). Rows show duration (minutes) and rainfall (mm) with corresponding runoff and discharge rates.

Post development

Table for Post development 2 year return period. Similar structure to the pre-development table, showing runoff and discharge rates for various land use types after development.

Pre development

Table for Pre development 30 year return period. Shows runoff and discharge rates for various land use types over a 30-year return period.

Post development

Table for Post development 30 year return period. Shows runoff and discharge rates for various land use types over a 30-year return period.

Pre development

Table for Pre development 100 year return period. Shows runoff and discharge rates for various land use types over a 100-year return period.

Post development

Table for Post development 100 year return period. Shows runoff and discharge rates for various land use types over a 100-year return period.

Compensatory storage required 0

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