

5611 Romsey Avenue, Portchester – Storage Estimate Calculations

Quick Storage Estimate

Micro Drainage

Variables

FEH Rainfall Cv (Summer) 0.750

Return Period (years) 100 Cv (Winter) 0.840

Site Location Impemeable Area (ha) 3.780

GB 459600 105500 SU 59600 0550 ... Maximum Allowable Discharge (l/s) 0.0

C (1km) -0.026 D3 (1km) 0.373 Infiltration Coefficient (m/hr) 0.06469

D1 (1km) 0.440 E (1km) 0.301 Safety Factor 2.0

D2 (1km) 0.317 F (1km) 2.238 Climate Change (%) 40

Analyse OK Cancel Help

Enter Safety Factor between 1.0 and 50.0

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Results

Global Variables require approximate storage of between 6663 m³ and 6663 m³.

With Infiltration storage is reduced to between 944 m³ and 3088 m³.

These values are estimates only and should not be used for design purposes.

Analyse OK Cancel Help

Enter Safety Factor between 1.0 and 50.0