



APPENDIX 4 ▪ MicroDrainage Outputs

Idom Merebrook Ltd		Page 1
Suite 2B East Mill Belper Derbyshire DE56 2UA		
Date 30/10/2017 13:02 File SW QSE.srcx	Designed by rhopkinson Checked by	
XP Solutions Source Control 2017.1		

ICP SUDS Mean Annual Flood

Input

Return Period (years)	100	Soil	0.400
Area (ha)	10.740	Urban	0.000
SAAR (mm)	742	Region Number	Region 7

Results l/s

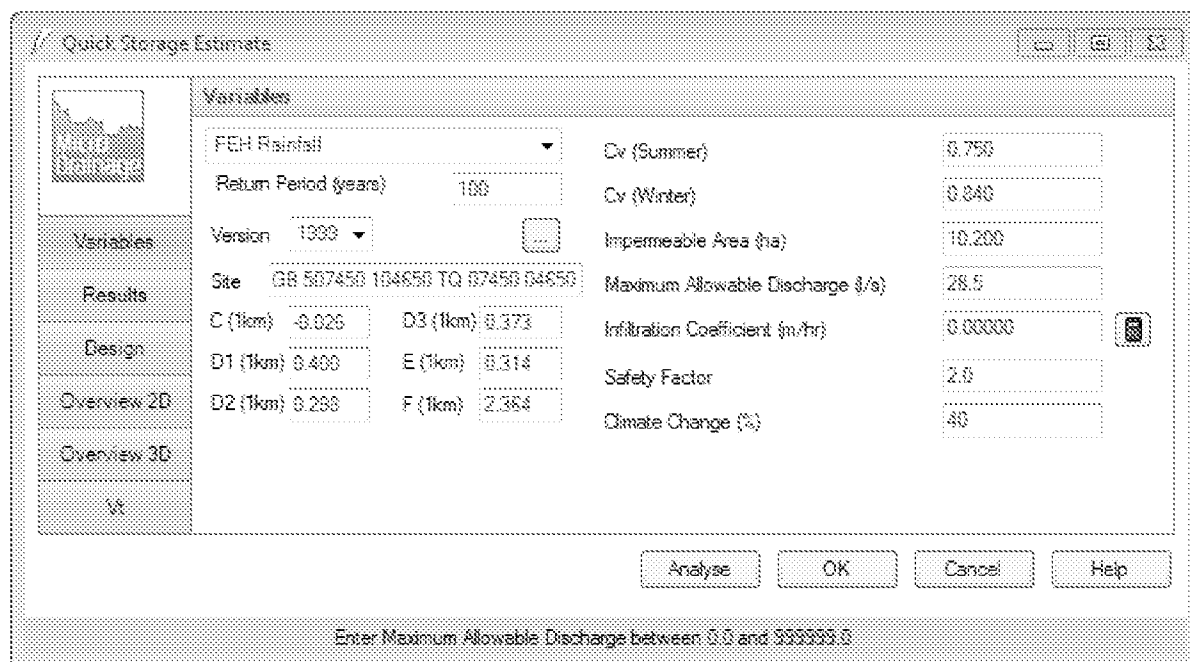
QBAR Rural	39.1
QBAR Urban	39.1
Q100 years	124.8
Q1 year	33.3
Q30 years	88.7
Q100 years	124.8

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19495: Land to The North of Water Lane, Angmering.

Quick Storage Estimate

Main body of the site

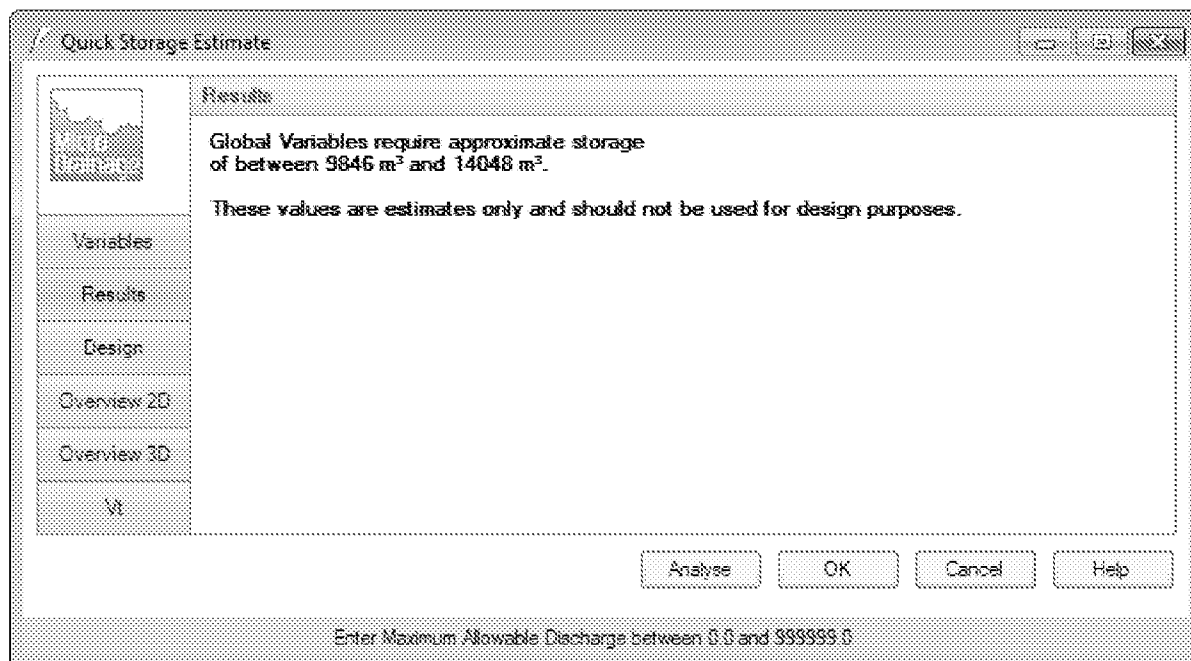


The screenshot shows the 'Quick Storage Estimate' window with the 'Variables' tab selected. The window has a sidebar with buttons for Variables, Results, Design, Overview 2D, Overview 3D, and Vt. The main area contains various input fields for site variables.

Variable	Value
FEH Rainfall	0.750
Return Period (years)	100
Cv (Summer)	0.840
Cv (Winter)	10.200
Version	1000
Site	GB 507450 104650 TQ 07450 04650
Maximum Allowable Discharge (l/s)	28.5
C (1km)	0.026
D3 (1km)	0.373
D1 (1km)	0.400
E (1km)	0.314
D2 (1km)	0.298
F (1km)	2.384
Infiltration Coefficient (m/hr)	0.00000
Safety Factor	2.0
Climate Change (%)	40

Buttons: Analyse, OK, Cancel, Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0



The screenshot shows the 'Quick Storage Estimate' window with the 'Results' tab selected. The window displays the results of the storage estimate.

Results

Global Variables require approximate storage of between 9846 m³ and 14048 m³.

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

Buttons: Analyse, OK, Cancel, Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0

South-western part of the site

Quick Storage Estimate

Variables

FEH Rainfall

Return Period (years) 100

Version 1999

Site GB 507450 104650 TQ 07450 04650

C (1km) 0.026 D3 (1km) 0.373

D1 (1km) 0.400 E (1km) 0.314

D2 (1km) 0.200 F (1km) 2.364

Cv (Summer) 0.750

Cv (Winter) 0.840

Impervious Area (ha) 0.540

Maximum Allowable Discharge (l/s) 10.6

Infiltration Coefficient (m/hr) 0.00000

Safety Factor 2.0

Climate Change (%) 40

Analyse OK Cancel Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0

Quick Storage Estimate

Results

Global Variables require approximate storage of between 278 m³ and 439 m³.

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

Analyse OK Cancel Help

Enter Maximum Allowable Discharge between 0.0 and 999999.0



APPENDIX 5 ▪ Indicative Drainage Strategy