

4 Pear Tree Court  
London  
EC1R 0DS



Date 08/10/2018 10:35  
File

Designed by crudd  
Checked by

XP Solutions

Source Control 2017.1.2

ICP SUDS Mean Annual Flood

Input

Return Period (years)	1	Soil	0.300
Area (ha)	0.115	Urban	0.750
SAAR (mm)	600	Region Number	Region 6

**Results 1/s**

QBAR Rural 0.2  
QBAR Urban 0.7

Q1 year 0.6

Q1 year 0.6  
Q30 years 1.1  
Q100 years 1.3

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Greenfield Runoff Volume

FSR Data

Return Period (years)	1
Storm Duration (mins)	360
Region	England and Wales
M5-60 (mm)	21.000
Ratio R	0.439
Areal Reduction Factor	1.00
Area (ha)	0.115
SAAR (mm)	600
CWI	87.000
Urban	0.000
SPR	30.000

Results

Percentage Runoff (%) 20.50  
Greenfield Runoff Volume (m<sup>3</sup>) 5.193

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Greenfield Runoff Volume

FSR Data

Return Period (years)	30
Storm Duration (mins)	360
Region	England and Wales
M5-60 (mm)	21.000
Ratio R	0.439
Areal Reduction Factor	1.00
Area (ha)	0.115
SAAR (mm)	600
CWI	87.000
Urban	0.000
SPR	30.000

Results

Percentage Runoff (%)	22.51
Greenfield Runoff Volume (m <sup>3</sup> )	12.551

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Greenfield Runoff Volume

FSR Data

Return Period (years)	100
Storm Duration (mins)	360
Region	England and Wales
M5-60 (mm)	21.000
Ratio R	0.439
Areal Reduction Factor	1.00
Area (ha)	0.115
SAAR (mm)	600
CWI	87.000
Urban	0.000
SPR	30.000

Results

Percentage Runoff (%)	24.52
Greenfield Runoff Volume (m <sup>3</sup> )	17.723