

Appendix I

Runoff Volume Calculations



Date 11/03/2022 20:12

Designed by andyj

File

Checked by

XP Solutions

Source Control 2020.1

Greenfield Runoff Volume

FSR Data

Return Period (years)	100
Storm Duration (mins)	360
Region	England and Wales
M5-60 (mm)	18.500
Ratio R	0.334
Areal Reduction Factor	1.00
Area (ha)	11.350
SAAR (mm)	977
CWI	123.313
Urban	0.000
SPR	47.000

Results

Percentage Runoff (%)	50.59
Greenfield Runoff Volume (m ³)	3602.314