

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SW2	Manhole	498.038	414.469	72.800	1.200	71.600	Circular	0.300
SW6	Manhole	553.665	414.236	72.550	1.622	70.928	Circular	1.200
MH S8	Manhole	553.771	421.658	72.860	2.010	70.850	Circular	1.200
SW1	Manhole	502.803	390.834	72.540	0.640	71.900	Circular	0.450
SW3	Manhole	502.802	414.051	72.540	1.250	71.290	Circular	0.450
Manhole	Manhole	593.938	421.629	72.600	1.920	70.680	Circular	1.200
Manhole (1)	Manhole	498.230	421.586	72.890	1.671	71.219	Circular	1.200

Name	Lock
SW2	None
SW6	None
MH S8	None
SW1	None
SW3	None
Manhole	None
Manhole (1)	None

### Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type	
SW2	Outlet	2.000	Free Discharge	
	Outlet	1.003	Hydro-Brake®	
	Invert Level (m)		70.928	
	Design Depth (m)		0.400	
	Design Flow (L/s)		20.65	
	Objective	Minimise Upstream Storage Requirements		
	Application	Surface Water Only		
	Sump Available	<input checked="" type="checkbox"/>		
	Unit Reference	SHE-0209-2065-0400-2065		
	SW6			
MH S8		Outlet	Ex pipe	Free Discharge
SW1		Outlet	1.000	Free Discharge
SW3		Outlet	1.001	Free Discharge
Manhole (1)		Outlet	Pipe	Free Discharge

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Report Details: Type: Stormwater Controls Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Cellular Storage**

Type : Cellular Storage

**Dimensions**

Exceedance Level (m)	72.500
Depth (m)	0.400
Base Level (m)	70.950
Number of Crates Long	10
Number of Crates Wide	23
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	0.5
Crate Height (m)	0.4
Total Volume (m³)	44.850

**Inlets**

**Inlet**

Inlet Type	Point Inflow
Incoming Item(s)	1.001
Bypass Destination	(None)
Capacity Type	No Restriction


**Inlet (1)**

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (2)
Bypass Destination	(None)
Capacity Type	No Restriction


**Outlets**

**Outlet**

Outgoing Connection	1.002
Outlet Type	Free Discharge

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	
Report Details: Type: Manhole Schedule Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections			Cover	
SW2	72.800 71.600	Diameter / Length: 0.300					Manhole
E:498.038 N:414.469	1.200		{a} 2.000	Pipe	71.600	Diam/Width:150	Not Applicable
SW6	72.550 70.928	Diameter / Length: 1.200	{1} 1.002	Pipe	70.928	Diam/Width:225	Manhole
E:553.665 N:414.236	1.622		{a} 1.003	Pipe	70.928	Diam/Width:150	Not Applicable
MH S8	72.860 70.850	Diameter / Length: 1.200	{1} 1.003	Pipe	70.850	Diam/Width:150	Manhole
E:553.771 N:421.658	2.010		{2} Pipe	Pipe	70.850	Diam/Width:150	
			{a} Ex pipe	Pipe	70.850	Diam/Width:450	Not Applicable
SW1	72.540 71.900	Diameter / Length: 0.450					Manhole
E:502.803 N:390.834	0.640		{a} 1.000	Pipe	71.900	Diam/Width:225	Not Applicable
SW3	72.540 71.290	Diameter / Length: 0.450	{1} 2.000	Pipe	71.290	Diam/Width:150	Manhole
E:502.802 N:414.051	1.250		{2} 1.000	Pipe	71.290	Diam/Width:225	
			{a} 1.001	Pipe	71.290	Diam/Width:225	Not Applicable

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Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
Manhole	72.600 70.680	Diameter / Length: 1.200	{1} Ex pipe	Pipe	70.680	Diam/Width:450	Manhole
E:593.938 N:421.629	1.920						Not Applicable
Manhole (1)	72.890 71.219	Diameter / Length: 1.200					Manhole
E:498.230 N:421.586	1.671		{a} Pipe	Pipe	71.219	Diam/Width:150	Not Applicable

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Inflow Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	SW2		Time of Concentration	0.015	100	0	100	0.015
Catchment Area (1)	SW2		Time of Concentration	0.006	100	0	100	0.006
Catchment Area (2)	Cellular Storage		Time of Concentration	0.083	100	0	100	0.083
Catchment Area (3)	SW1		Time of Concentration	0.062	100	0	100	0.062
Catchment Area (4)	SW1		Time of Concentration	0.024	100	0	100	0.024
Catchment Area (5)	SW3		Time of Concentration	0.004	100	0	100	0.004
Catchment Area (6)	SW1		Time of Concentration	0.002	100	0	100	0.002
Catchment Area (7)	MH S8		Time of Concentration	0.024	100	0	100	0.024
Catchment Area (8)	Manhole (1)		Time of Concentration	0.039	100	0	100	0.039
<b>TOTAL</b>		<b>0.0</b>		<b>0.259</b>				<b>0.259</b>

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Network Design Criteria Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



### Flow Options


Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

### Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Soffits
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	<input type="checkbox"/>
Reduce Channel Depths	<input type="checkbox"/>

### Manhole Options

Apply Offset	<input type="checkbox"/>
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BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Outfall Details Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

**Outfalls**

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
Manhole	Free Discharge			

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Rainfall Analysis Criteria	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Reduced
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	<input type="checkbox"/>

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Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area: Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.01	1.7	0.725
FSR: 1 years: +0 %: 15 mins: Winter	0.01	1.7	0.809
FSR: 1 years: +0 %: 30 mins: Summer	0.01	1.1	0.989
FSR: 1 years: +0 %: 30 mins: Winter	0.01	1.2	1.103
FSR: 1 years: +0 %: 60 mins: Summer	0.01	1.0	1.307
FSR: 1 years: +0 %: 60 mins: Winter	0.01	0.9	1.469
FSR: 1 years: +0 %: 120 mins: Summer	0.01	0.8	1.722
FSR: 1 years: +0 %: 120 mins: Winter	0.01	0.7	1.926
FSR: 1 years: +0 %: 240 mins: Summer	0.01	0.6	2.232
FSR: 1 years: +0 %: 240 mins: Winter	0.01	0.4	2.502
FSR: 1 years: +0 %: 360 mins: Summer	0.01	0.5	2.574
FSR: 1 years: +0 %: 360 mins: Winter	0.01	0.3	2.892
FSR: 1 years: +0 %: 480 mins: Summer	0.01	0.4	2.844
FSR: 1 years: +0 %: 480 mins: Winter	0.01	0.3	3.204
FSR: 1 years: +0 %: 960 mins: Summer	0.01	0.3	3.630
FSR: 1 years: +0 %: 960 mins: Winter	0.01	0.2	4.056
FSR: 1 years: +0 %: 1440 mins: Summer	0.01	0.2	4.236
FSR: 1 years: +0 %: 1440 mins: Winter	0.01	0.1	4.686
FSR: 2 years: +0 %: 15 mins: Summer	0.01	2.2	0.937
FSR: 2 years: +0 %: 15 mins: Winter	0.01	2.3	1.048

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FSR: 2 years: +0 %: 30 mins: Summer	0.01	1.5	1.271
FSR: 2 years: +0 %: 30 mins: Winter	0.01	1.5	1.421
FSR: 2 years: +0 %: 60 mins: Summer	0.01	1.3	1.667
FSR: 2 years: +0 %: 60 mins: Winter	0.01	1.2	1.859
FSR: 2 years: +0 %: 120 mins: Summer	0.01	1.0	2.141
FSR: 2 years: +0 %: 120 mins: Winter	0.01	0.8	2.393
FSR: 2 years: +0 %: 240 mins: Summer	0.01	0.7	2.736
FSR: 2 years: +0 %: 240 mins: Winter	0.01	0.5	3.036
FSR: 2 years: +0 %: 360 mins: Summer	0.01	0.6	3.108
FSR: 2 years: +0 %: 360 mins: Winter	0.01	0.4	3.492
FSR: 2 years: +0 %: 480 mins: Summer	0.01	0.5	3.420
FSR: 2 years: +0 %: 480 mins: Winter	0.01	0.3	3.846
FSR: 2 years: +0 %: 960 mins: Summer	0.01	0.3	4.332
FSR: 2 years: +0 %: 960 mins: Winter	0.01	0.2	4.848
FSR: 2 years: +0 %: 1440 mins: Summer	0.01	0.2	4.920
FSR: 2 years: +0 %: 1440 mins: Winter	0.01	0.2	5.556
FSR: 30 years: +40 %: 15 mins: Summer	0.01	5.7	2.482
FSR: 30 years: +40 %: 15 mins: Winter	0.01	6.0	2.789
FSR: 30 years: +40 %: 30 mins: Summer	0.01	3.9	3.396
FSR: 30 years: +40 %: 30 mins: Winter	0.01	4.1	3.804
FSR: 30 years: +40 %: 60 mins: Summer	0.01	3.5	4.440

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FSR: 30 years: +40 %: 60 mins: Winter	0.01	3.2	4.974
FSR: 30 years: +40 %: 120 mins: Summer	0.01	2.7	5.646
FSR: 30 years: +40 %: 120 mins: Winter	0.01	2.2	6.318
FSR: 30 years: +40 %: 240 mins: Summer	0.01	1.8	6.966
FSR: 30 years: +40 %: 240 mins: Winter	0.01	1.4	7.812
FSR: 30 years: +40 %: 360 mins: Summer	0.01	1.4	7.866
FSR: 30 years: +40 %: 360 mins: Winter	0.01	1.0	8.790
FSR: 30 years: +40 %: 480 mins: Summer	0.01	1.2	8.520
FSR: 30 years: +40 %: 480 mins: Winter	0.01	0.8	9.564
FSR: 30 years: +40 %: 960 mins: Summer	0.01	0.7	10.380
FSR: 30 years: +40 %: 960 mins: Winter	0.01	0.5	11.622
FSR: 30 years: +40 %: 1440 mins: Summer	0.01	0.5	11.616
FSR: 30 years: +40 %: 1440 mins: Winter	0.01	0.4	13.014
FSR: 100 years: +50 %: 15 mins: Summer	0.01	7.9	3.437
FSR: 100 years: +50 %: 15 mins: Winter	0.01	8.3	3.854
FSR: 100 years: +50 %: 30 mins: Summer	0.01	5.5	4.740
FSR: 100 years: +50 %: 30 mins: Winter	0.01	5.8	5.317

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FSR: 100 years: +50 %: 60 mins: Summer	0.01	5.0	6.251
FSR: 100 years: +50 %: 60 mins: Winter	0.01	4.5	7.001
FSR: 100 years: +50 %: 120 mins: Summer	0.01	3.8	7.947
FSR: 100 years: +50 %: 120 mins: Winter	0.01	3.0	8.913
FSR: 100 years: +50 %: 240 mins: Summer	0.01	2.5	9.714
FSR: 100 years: +50 %: 240 mins: Winter	0.01	1.9	10.890
FSR: 100 years: +50 %: 360 mins: Summer	0.01	1.9	10.872
FSR: 100 years: +50 %: 360 mins: Winter	0.01	1.4	12.168
FSR: 100 years: +50 %: 480 mins: Summer	0.01	1.6	11.730
FSR: 100 years: +50 %: 480 mins: Winter	0.01	1.1	13.140
FSR: 100 years: +50 %: 960 mins: Summer	0.01	1.0	14.088
FSR: 100 years: +50 %: 960 mins: Winter	0.01	0.7	15.732
FSR: 100 years: +50 %: 1440 mins: Summer	0.01	0.7	15.564
FSR: 100 years: +50 %: 1440 mins: Winter	0.01	0.5	17.430

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**Summary Results for Catchment Area (1): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.01	0.7	0.293
FSR: 1 years: +0 %: 15 mins: Winter	0.01	0.7	0.329
FSR: 1 years: +0 %: 30 mins: Summer	0.01	0.5	0.396
FSR: 1 years: +0 %: 30 mins: Winter	0.01	0.5	0.450
FSR: 1 years: +0 %: 60 mins: Summer	0.01	0.4	0.540
FSR: 1 years: +0 %: 60 mins: Winter	0.01	0.4	0.600
FSR: 1 years: +0 %: 120 mins: Summer	0.01	0.3	0.702
FSR: 1 years: +0 %: 120 mins: Winter	0.01	0.3	0.786
FSR: 1 years: +0 %: 240 mins: Summer	0.01	0.2	0.906
FSR: 1 years: +0 %: 240 mins: Winter	0.01	0.2	1.020
FSR: 1 years: +0 %: 360 mins: Summer	0.01	0.2	1.074
FSR: 1 years: +0 %: 360 mins: Winter	0.01	0.1	1.146
FSR: 1 years: +0 %: 480 mins: Summer	0.01	0.2	1.152
FSR: 1 years: +0 %: 480 mins: Winter	0.01	0.1	1.290
FSR: 1 years: +0 %: 960 mins: Summer	0.01	0.1	1.482
FSR: 1 years: +0 %: 960 mins: Winter	0.01	0.1	1.620
FSR: 1 years: +0 %: 1440 mins: Summer	0.01	0.1	1.800
FSR: 1 years: +0 %: 1440 mins: Winter	0.01	0.1	1.920
FSR: 2 years: +0 %: 15 mins: Summer	0.01	0.9	0.386
FSR: 2 years: +0 %: 15 mins: Winter	0.01	0.9	0.428

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FSR: 2 years: +0 %: 30 mins: Summer	0.01	0.6	0.515
FSR: 2 years: +0 %: 30 mins: Winter	0.01	0.6	0.581
FSR: 2 years: +0 %: 60 mins: Summer	0.01	0.5	0.672
FSR: 2 years: +0 %: 60 mins: Winter	0.01	0.5	0.762
FSR: 2 years: +0 %: 120 mins: Summer	0.01	0.4	0.870
FSR: 2 years: +0 %: 120 mins: Winter	0.01	0.3	0.972
FSR: 2 years: +0 %: 240 mins: Summer	0.01	0.3	1.122
FSR: 2 years: +0 %: 240 mins: Winter	0.01	0.2	1.260
FSR: 2 years: +0 %: 360 mins: Summer	0.01	0.2	1.284
FSR: 2 years: +0 %: 360 mins: Winter	0.01	0.2	1.428
FSR: 2 years: +0 %: 480 mins: Summer	0.01	0.2	1.422
FSR: 2 years: +0 %: 480 mins: Winter	0.01	0.1	1.554
FSR: 2 years: +0 %: 960 mins: Summer	0.01	0.1	1.740
FSR: 2 years: +0 %: 960 mins: Winter	0.01	0.1	2.016
FSR: 2 years: +0 %: 1440 mins: Summer	0.01	0.1	2.016
FSR: 2 years: +0 %: 1440 mins: Winter	0.01	0.1	2.208
FSR: 30 years: +40 %: 15 mins: Summer	0.01	2.3	1.013
FSR: 30 years: +40 %: 15 mins: Winter	0.01	2.5	1.134
FSR: 30 years: +40 %: 30 mins: Summer	0.01	1.6	1.386
FSR: 30 years: +40 %: 30 mins: Winter	0.01	1.7	1.554
FSR: 30 years: +40 %: 60 mins: Summer	0.01	1.4	1.812

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FSR: 30 years: +40 %: 60 mins: Winter	0.01	1.3	2.028
FSR: 30 years: +40 %: 120 mins: Summer	0.01	1.1	2.298
FSR: 30 years: +40 %: 120 mins: Winter	0.01	0.9	2.580
FSR: 30 years: +40 %: 240 mins: Summer	0.01	0.7	2.850
FSR: 30 years: +40 %: 240 mins: Winter	0.01	0.6	3.192
FSR: 30 years: +40 %: 360 mins: Summer	0.01	0.6	3.210
FSR: 30 years: +40 %: 360 mins: Winter	0.01	0.4	3.576
FSR: 30 years: +40 %: 480 mins: Summer	0.01	0.5	3.486
FSR: 30 years: +40 %: 480 mins: Winter	0.01	0.3	3.894
FSR: 30 years: +40 %: 960 mins: Summer	0.01	0.3	4.230
FSR: 30 years: +40 %: 960 mins: Winter	0.01	0.2	4.758
FSR: 30 years: +40 %: 1440 mins: Summer	0.01	0.2	4.704
FSR: 30 years: +40 %: 1440 mins: Winter	0.01	0.2	5.340
FSR: 100 years: +50 %: 15 mins: Summer	0.01	3.2	1.403
FSR: 100 years: +50 %: 15 mins: Winter	0.01	3.4	1.575
FSR: 100 years: +50 %: 30 mins: Summer	0.01	2.2	1.932
FSR: 100 years: +50 %: 30 mins: Winter	0.01	2.3	2.169

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FSR: 100 years: +50 %: 60 mins: Summer	0.01	2.0	2.546
FSR: 100 years: +50 %: 60 mins: Winter	0.01	1.8	2.858
FSR: 100 years: +50 %: 120 mins: Summer	0.01	1.5	3.247
FSR: 100 years: +50 %: 120 mins: Winter	0.01	1.2	3.625
FSR: 100 years: +50 %: 240 mins: Summer	0.01	1.0	3.948
FSR: 100 years: +50 %: 240 mins: Winter	0.01	0.8	4.452
FSR: 100 years: +50 %: 360 mins: Summer	0.01	0.8	4.446
FSR: 100 years: +50 %: 360 mins: Winter	0.01	0.6	4.974
FSR: 100 years: +50 %: 480 mins: Summer	0.01	0.6	4.782
FSR: 100 years: +50 %: 480 mins: Winter	0.01	0.5	5.346
FSR: 100 years: +50 %: 960 mins: Summer	0.01	0.4	5.742
FSR: 100 years: +50 %: 960 mins: Winter	0.01	0.3	6.420
FSR: 100 years: +50 %: 1440 mins: Summer	0.01	0.3	6.390
FSR: 100 years: +50 %: 1440 mins: Winter	0.01	0.2	7.158

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**Summary Results for Catchment Area (2): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.08	9.5	4.115
FSR: 1 years: +0 %: 15 mins: Winter	0.08	9.9	4.610
FSR: 1 years: +0 %: 30 mins: Summer	0.08	6.5	5.593
FSR: 1 years: +0 %: 30 mins: Winter	0.08	6.8	6.264
FSR: 1 years: +0 %: 60 mins: Summer	0.08	6.0	7.430
FSR: 1 years: +0 %: 60 mins: Winter	0.08	5.4	8.318
FSR: 1 years: +0 %: 120 mins: Summer	0.08	4.6	9.723
FSR: 1 years: +0 %: 120 mins: Winter	0.08	3.7	10.881
FSR: 1 years: +0 %: 240 mins: Summer	0.08	3.3	12.676
FSR: 1 years: +0 %: 240 mins: Winter	0.08	2.5	14.189
FSR: 1 years: +0 %: 360 mins: Summer	0.08	2.6	14.621
FSR: 1 years: +0 %: 360 mins: Winter	0.08	1.9	16.385
FSR: 1 years: +0 %: 480 mins: Summer	0.08	2.2	16.169
FSR: 1 years: +0 %: 480 mins: Winter	0.08	1.6	18.113
FSR: 1 years: +0 %: 960 mins: Summer	0.08	1.4	20.682
FSR: 1 years: +0 %: 960 mins: Winter	0.08	1.0	23.172
FSR: 1 years: +0 %: 1440 mins: Summer	0.08	1.1	23.850
FSR: 1 years: +0 %: 1440 mins: Winter	0.08	0.8	26.754
FSR: 2 years: +0 %: 15 mins: Summer	0.08	12.2	5.325
FSR: 2 years: +0 %: 15 mins: Winter	0.08	12.9	5.969

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.08	8.3	7.217
FSR: 2 years: +0 %: 30 mins: Winter	0.08	8.8	8.080
FSR: 2 years: +0 %: 60 mins: Summer	0.08	7.6	9.439
FSR: 2 years: +0 %: 60 mins: Winter	0.08	6.8	10.567
FSR: 2 years: +0 %: 120 mins: Summer	0.08	5.8	12.141
FSR: 2 years: +0 %: 120 mins: Winter	0.08	4.6	13.593
FSR: 2 years: +0 %: 240 mins: Summer	0.08	4.0	15.466
FSR: 2 years: +0 %: 240 mins: Winter	0.08	3.0	17.320
FSR: 2 years: +0 %: 360 mins: Summer	0.08	3.1	17.717
FSR: 2 years: +0 %: 360 mins: Winter	0.08	2.3	19.841
FSR: 2 years: +0 %: 480 mins: Summer	0.08	2.6	19.499
FSR: 2 years: +0 %: 480 mins: Winter	0.08	1.9	21.857
FSR: 2 years: +0 %: 960 mins: Summer	0.08	1.7	24.546
FSR: 2 years: +0 %: 960 mins: Winter	0.08	1.2	27.486
FSR: 2 years: +0 %: 1440 mins: Summer	0.08	1.3	28.056
FSR: 2 years: +0 %: 1440 mins: Winter	0.08	0.9	31.470
FSR: 30 years: +40 %: 15 mins: Summer	0.08	32.5	14.108
FSR: 30 years: +40 %: 15 mins: Winter	0.08	34.1	15.803
FSR: 30 years: +40 %: 30 mins: Summer	0.08	22.2	19.247
FSR: 30 years: +40 %: 30 mins: Winter	0.08	23.4	21.562
FSR: 30 years: +40 %: 60 mins: Summer	0.08	20.2	25.196

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.08	18.2	28.218
FSR: 30 years: +40 %: 120 mins: Summer	0.08	15.2	32.007
FSR: 30 years: +40 %: 120 mins: Winter	0.08	12.2	35.856
FSR: 30 years: +40 %: 240 mins: Summer	0.08	10.3	39.555
FSR: 30 years: +40 %: 240 mins: Winter	0.08	7.7	44.304
FSR: 30 years: +40 %: 360 mins: Summer	0.08	7.9	44.563
FSR: 30 years: +40 %: 360 mins: Winter	0.08	5.8	49.900
FSR: 30 years: +40 %: 480 mins: Summer	0.08	6.6	48.398
FSR: 30 years: +40 %: 480 mins: Winter	0.08	4.8	54.214
FSR: 30 years: +40 %: 960 mins: Summer	0.08	4.0	58.901
FSR: 30 years: +40 %: 960 mins: Winter	0.08	2.9	65.933
FSR: 30 years: +40 %: 1440 mins: Summer	0.08	3.0	65.837
FSR: 30 years: +40 %: 1440 mins: Winter	0.08	2.2	73.770
FSR: 100 years: +50 %: 15 mins: Summer	0.08	44.9	19.514
FSR: 100 years: +50 %: 15 mins: Winter	0.08	47.3	21.859
FSR: 100 years: +50 %: 30 mins: Summer	0.08	31.1	26.904
FSR: 100 years: +50 %: 30 mins: Winter	0.08	32.6	30.164

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.08	28.4	35.492
FSR: 100 years: +50 %: 60 mins: Winter	0.08	25.6	39.748
FSR: 100 years: +50 %: 120 mins: Summer	0.08	21.4	45.096
FSR: 100 years: +50 %: 120 mins: Winter	0.08	17.2	50.501
FSR: 100 years: +50 %: 240 mins: Summer	0.08	14.3	55.099
FSR: 100 years: +50 %: 240 mins: Winter	0.08	10.8	61.733
FSR: 100 years: +50 %: 360 mins: Summer	0.08	10.9	61.663
FSR: 100 years: +50 %: 360 mins: Winter	0.08	8.1	69.078
FSR: 100 years: +50 %: 480 mins: Summer	0.08	9.0	66.649
FSR: 100 years: +50 %: 480 mins: Winter	0.08	6.6	74.651
FSR: 100 years: +50 %: 960 mins: Summer	0.08	5.4	79.865
FSR: 100 years: +50 %: 960 mins: Winter	0.08	3.9	89.417
FSR: 100 years: +50 %: 1440 mins: Summer	0.08	4.0	88.421
FSR: 100 years: +50 %: 1440 mins: Winter	0.08	2.9	98.987

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (3): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.06	7.1	3.085
FSR: 1 years: +0 %: 15 mins: Winter	0.06	7.5	3.459
FSR: 1 years: +0 %: 30 mins: Summer	0.06	4.8	4.190
FSR: 1 years: +0 %: 30 mins: Winter	0.06	5.1	4.694
FSR: 1 years: +0 %: 60 mins: Summer	0.06	4.5	5.571
FSR: 1 years: +0 %: 60 mins: Winter	0.06	4.0	6.243
FSR: 1 years: +0 %: 120 mins: Summer	0.06	3.5	7.306
FSR: 1 years: +0 %: 120 mins: Winter	0.06	2.8	8.176
FSR: 1 years: +0 %: 240 mins: Summer	0.06	2.5	9.521
FSR: 1 years: +0 %: 240 mins: Winter	0.06	1.9	10.643
FSR: 1 years: +0 %: 360 mins: Summer	0.06	1.9	10.949
FSR: 1 years: +0 %: 360 mins: Winter	0.06	1.4	12.257
FSR: 1 years: +0 %: 480 mins: Summer	0.06	1.6	12.143
FSR: 1 years: +0 %: 480 mins: Winter	0.06	1.2	13.595
FSR: 1 years: +0 %: 960 mins: Summer	0.06	1.1	15.510
FSR: 1 years: +0 %: 960 mins: Winter	0.06	0.8	17.340
FSR: 1 years: +0 %: 1440 mins: Summer	0.06	0.8	17.892
FSR: 1 years: +0 %: 1440 mins: Winter	0.06	0.6	19.992
FSR: 2 years: +0 %: 15 mins: Summer	0.06	9.2	3.995
FSR: 2 years: +0 %: 15 mins: Winter	0.06	9.7	4.481

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.06	6.3	5.407
FSR: 2 years: +0 %: 30 mins: Winter	0.06	6.6	6.060
FSR: 2 years: +0 %: 60 mins: Summer	0.06	5.7	7.082
FSR: 2 years: +0 %: 60 mins: Winter	0.06	5.1	7.934
FSR: 2 years: +0 %: 120 mins: Summer	0.06	4.3	9.112
FSR: 2 years: +0 %: 120 mins: Winter	0.06	3.5	10.198
FSR: 2 years: +0 %: 240 mins: Summer	0.06	3.0	11.603
FSR: 2 years: +0 %: 240 mins: Winter	0.06	2.3	12.989
FSR: 2 years: +0 %: 360 mins: Summer	0.06	2.3	13.289
FSR: 2 years: +0 %: 360 mins: Winter	0.06	1.7	14.897
FSR: 2 years: +0 %: 480 mins: Summer	0.06	2.0	14.627
FSR: 2 years: +0 %: 480 mins: Winter	0.06	1.4	16.379
FSR: 2 years: +0 %: 960 mins: Summer	0.06	1.3	18.414
FSR: 2 years: +0 %: 960 mins: Winter	0.06	0.9	20.604
FSR: 2 years: +0 %: 1440 mins: Summer	0.06	1.0	21.078
FSR: 2 years: +0 %: 1440 mins: Winter	0.06	0.7	23.568
FSR: 30 years: +40 %: 15 mins: Summer	0.06	24.4	10.586
FSR: 30 years: +40 %: 15 mins: Winter	0.06	25.6	11.857
FSR: 30 years: +40 %: 30 mins: Summer	0.06	16.7	14.441
FSR: 30 years: +40 %: 30 mins: Winter	0.06	17.5	16.174
FSR: 30 years: +40 %: 60 mins: Summer	0.06	15.1	18.902

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.06	13.6	21.174
FSR: 30 years: +40 %: 120 mins: Summer	0.06	11.4	24.014
FSR: 30 years: +40 %: 120 mins: Winter	0.06	9.2	26.880
FSR: 30 years: +40 %: 240 mins: Summer	0.06	7.7	29.666
FSR: 30 years: +40 %: 240 mins: Winter	0.06	5.8	33.240
FSR: 30 years: +40 %: 360 mins: Summer	0.06	5.9	33.421
FSR: 30 years: +40 %: 360 mins: Winter	0.06	4.4	37.421
FSR: 30 years: +40 %: 480 mins: Summer	0.06	4.9	36.329
FSR: 30 years: +40 %: 480 mins: Winter	0.06	3.6	40.679
FSR: 30 years: +40 %: 960 mins: Summer	0.06	3.0	44.153
FSR: 30 years: +40 %: 960 mins: Winter	0.06	2.2	49.451
FSR: 30 years: +40 %: 1440 mins: Summer	0.06	2.2	49.398
FSR: 30 years: +40 %: 1440 mins: Winter	0.06	1.6	55.314
FSR: 100 years: +50 %: 15 mins: Summer	0.06	33.7	14.638
FSR: 100 years: +50 %: 15 mins: Winter	0.06	35.5	16.400
FSR: 100 years: +50 %: 30 mins: Summer	0.06	23.3	20.184
FSR: 100 years: +50 %: 30 mins: Winter	0.06	24.5	22.636

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.06	21.3	26.629
FSR: 100 years: +50 %: 60 mins: Winter	0.06	19.2	29.811
FSR: 100 years: +50 %: 120 mins: Summer	0.06	16.0	33.829
FSR: 100 years: +50 %: 120 mins: Winter	0.06	12.9	37.884
FSR: 100 years: +50 %: 240 mins: Summer	0.06	10.7	41.335
FSR: 100 years: +50 %: 240 mins: Winter	0.06	8.1	46.307
FSR: 100 years: +50 %: 360 mins: Summer	0.06	8.2	46.261
FSR: 100 years: +50 %: 360 mins: Winter	0.06	6.0	51.810
FSR: 100 years: +50 %: 480 mins: Summer	0.06	6.8	49.987
FSR: 100 years: +50 %: 480 mins: Winter	0.06	4.9	55.962
FSR: 100 years: +50 %: 960 mins: Summer	0.06	4.1	59.855
FSR: 100 years: +50 %: 960 mins: Winter	0.06	3.0	67.079
FSR: 100 years: +50 %: 1440 mins: Summer	0.06	3.0	66.305
FSR: 100 years: +50 %: 1440 mins: Winter	0.06	2.2	74.268

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (4): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.02	2.8	1.210
FSR: 1 years: +0 %: 15 mins: Winter	0.02	2.9	1.354
FSR: 1 years: +0 %: 30 mins: Summer	0.02	1.9	1.642
FSR: 1 years: +0 %: 30 mins: Winter	0.02	2.0	1.846
FSR: 1 years: +0 %: 60 mins: Summer	0.02	1.8	2.183
FSR: 1 years: +0 %: 60 mins: Winter	0.02	1.6	2.459
FSR: 1 years: +0 %: 120 mins: Summer	0.02	1.4	2.873
FSR: 1 years: +0 %: 120 mins: Winter	0.02	1.1	3.209
FSR: 1 years: +0 %: 240 mins: Summer	0.02	1.0	3.726
FSR: 1 years: +0 %: 240 mins: Winter	0.02	0.7	4.182
FSR: 1 years: +0 %: 360 mins: Summer	0.02	0.8	4.314
FSR: 1 years: +0 %: 360 mins: Winter	0.02	0.6	4.818
FSR: 1 years: +0 %: 480 mins: Summer	0.02	0.6	4.752
FSR: 1 years: +0 %: 480 mins: Winter	0.02	0.5	5.310
FSR: 1 years: +0 %: 960 mins: Summer	0.02	0.4	6.078
FSR: 1 years: +0 %: 960 mins: Winter	0.02	0.3	6.780
FSR: 1 years: +0 %: 1440 mins: Summer	0.02	0.3	7.044
FSR: 1 years: +0 %: 1440 mins: Winter	0.02	0.2	7.830
FSR: 2 years: +0 %: 15 mins: Summer	0.02	3.6	1.566
FSR: 2 years: +0 %: 15 mins: Winter	0.02	3.8	1.758

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.02	2.5	2.122
FSR: 2 years: +0 %: 30 mins: Winter	0.02	2.6	2.374
FSR: 2 years: +0 %: 60 mins: Summer	0.02	2.2	2.770
FSR: 2 years: +0 %: 60 mins: Winter	0.02	2.0	3.112
FSR: 2 years: +0 %: 120 mins: Summer	0.02	1.7	3.569
FSR: 2 years: +0 %: 120 mins: Winter	0.02	1.4	4.001
FSR: 2 years: +0 %: 240 mins: Summer	0.02	1.2	4.541
FSR: 2 years: +0 %: 240 mins: Winter	0.02	0.9	5.094
FSR: 2 years: +0 %: 360 mins: Summer	0.02	0.9	5.214
FSR: 2 years: +0 %: 360 mins: Winter	0.02	0.7	5.844
FSR: 2 years: +0 %: 480 mins: Summer	0.02	0.8	5.742
FSR: 2 years: +0 %: 480 mins: Winter	0.02	0.6	6.426
FSR: 2 years: +0 %: 960 mins: Summer	0.02	0.5	7.218
FSR: 2 years: +0 %: 960 mins: Winter	0.02	0.4	8.064
FSR: 2 years: +0 %: 1440 mins: Summer	0.02	0.4	8.232
FSR: 2 years: +0 %: 1440 mins: Winter	0.02	0.3	9.252
FSR: 30 years: +40 %: 15 mins: Summer	0.02	9.6	4.152
FSR: 30 years: +40 %: 15 mins: Winter	0.02	10.0	4.648
FSR: 30 years: +40 %: 30 mins: Summer	0.02	6.5	5.664
FSR: 30 years: +40 %: 30 mins: Winter	0.02	6.9	6.341
FSR: 30 years: +40 %: 60 mins: Summer	0.02	5.9	7.411

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.02	5.3	8.298
FSR: 30 years: +40 %: 120 mins: Summer	0.02	4.5	9.415
FSR: 30 years: +40 %: 120 mins: Winter	0.02	3.6	10.548
FSR: 30 years: +40 %: 240 mins: Summer	0.02	3.0	11.641
FSR: 30 years: +40 %: 240 mins: Winter	0.02	2.3	13.026
FSR: 30 years: +40 %: 360 mins: Summer	0.02	2.3	13.116
FSR: 30 years: +40 %: 360 mins: Winter	0.02	1.7	14.675
FSR: 30 years: +40 %: 480 mins: Summer	0.02	1.9	14.256
FSR: 30 years: +40 %: 480 mins: Winter	0.02	1.4	15.941
FSR: 30 years: +40 %: 960 mins: Summer	0.02	1.2	17.340
FSR: 30 years: +40 %: 960 mins: Winter	0.02	0.9	19.392
FSR: 30 years: +40 %: 1440 mins: Summer	0.02	0.9	19.350
FSR: 30 years: +40 %: 1440 mins: Winter	0.02	0.6	21.636
FSR: 100 years: +50 %: 15 mins: Summer	0.02	13.2	5.740
FSR: 100 years: +50 %: 15 mins: Winter	0.02	13.9	6.431
FSR: 100 years: +50 %: 30 mins: Summer	0.02	9.1	7.920
FSR: 100 years: +50 %: 30 mins: Winter	0.02	9.6	8.873

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.02	8.3	10.436
FSR: 100 years: +50 %: 60 mins: Winter	0.02	7.5	11.696
FSR: 100 years: +50 %: 120 mins: Summer	0.02	6.3	13.271
FSR: 100 years: +50 %: 120 mins: Winter	0.02	5.1	14.867
FSR: 100 years: +50 %: 240 mins: Summer	0.02	4.2	16.206
FSR: 100 years: +50 %: 240 mins: Winter	0.02	3.2	18.156
FSR: 100 years: +50 %: 360 mins: Summer	0.02	3.2	18.132
FSR: 100 years: +50 %: 360 mins: Winter	0.02	2.4	20.328
FSR: 100 years: +50 %: 480 mins: Summer	0.02	2.7	19.596
FSR: 100 years: +50 %: 480 mins: Winter	0.02	1.9	21.954
FSR: 100 years: +50 %: 960 mins: Summer	0.02	1.6	23.484
FSR: 100 years: +50 %: 960 mins: Winter	0.02	1.2	26.268
FSR: 100 years: +50 %: 1440 mins: Summer	0.02	1.2	25.998
FSR: 100 years: +50 %: 1440 mins: Winter	0.02	0.9	29.112

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (5): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.00	0.5	0.216
FSR: 1 years: +0 %: 15 mins: Winter	0.00	0.5	0.219
FSR: 1 years: +0 %: 30 mins: Summer	0.00	0.3	0.294
FSR: 1 years: +0 %: 30 mins: Winter	0.00	0.3	0.294
FSR: 1 years: +0 %: 60 mins: Summer	0.00	0.3	0.390
FSR: 1 years: +0 %: 60 mins: Winter	0.00	0.3	0.396
FSR: 1 years: +0 %: 120 mins: Summer	0.00	0.2	0.516
FSR: 1 years: +0 %: 120 mins: Winter	0.00	0.2	0.510
FSR: 1 years: +0 %: 240 mins: Summer	0.00	0.2	0.678
FSR: 1 years: +0 %: 240 mins: Winter	0.00	0.1	0.666
FSR: 1 years: +0 %: 360 mins: Summer	0.00	0.1	0.762
FSR: 1 years: +0 %: 360 mins: Winter	0.00	0.1	0.786
FSR: 1 years: +0 %: 480 mins: Summer	0.00	0.1	0.852
FSR: 1 years: +0 %: 480 mins: Winter	0.00	0.1	0.822
FSR: 1 years: +0 %: 960 mins: Summer	0.00	0.1	1.158
FSR: 1 years: +0 %: 960 mins: Winter	0.00	0.0	1.122
FSR: 1 years: +0 %: 1440 mins: Summer	0.00	0.1	1.350
FSR: 1 years: +0 %: 1440 mins: Winter	0.00	0.0	1.350
FSR: 2 years: +0 %: 15 mins: Summer	0.00	0.6	0.279
FSR: 2 years: +0 %: 15 mins: Winter	0.00	0.6	0.279

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.00	0.4	0.384
FSR: 2 years: +0 %: 30 mins: Winter	0.00	0.4	0.384
FSR: 2 years: +0 %: 60 mins: Summer	0.00	0.4	0.504
FSR: 2 years: +0 %: 60 mins: Winter	0.00	0.3	0.498
FSR: 2 years: +0 %: 120 mins: Summer	0.00	0.3	0.636
FSR: 2 years: +0 %: 120 mins: Winter	0.00	0.2	0.636
FSR: 2 years: +0 %: 240 mins: Summer	0.00	0.2	0.816
FSR: 2 years: +0 %: 240 mins: Winter	0.00	0.1	0.816
FSR: 2 years: +0 %: 360 mins: Summer	0.00	0.2	0.942
FSR: 2 years: +0 %: 360 mins: Winter	0.00	0.1	0.936
FSR: 2 years: +0 %: 480 mins: Summer	0.00	0.1	1.020
FSR: 2 years: +0 %: 480 mins: Winter	0.00	0.1	1.044
FSR: 2 years: +0 %: 960 mins: Summer	0.00	0.1	1.308
FSR: 2 years: +0 %: 960 mins: Winter	0.00	0.1	1.296
FSR: 2 years: +0 %: 1440 mins: Summer	0.00	0.1	1.620
FSR: 2 years: +0 %: 1440 mins: Winter	0.00	0.0	1.536
FSR: 30 years: +40 %: 15 mins: Summer	0.00	1.7	0.743
FSR: 30 years: +40 %: 15 mins: Winter	0.00	1.6	0.741
FSR: 30 years: +40 %: 30 mins: Summer	0.00	1.2	1.008
FSR: 30 years: +40 %: 30 mins: Winter	0.00	1.1	1.014
FSR: 30 years: +40 %: 60 mins: Summer	0.00	1.1	1.326

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.00	0.9	1.320
FSR: 30 years: +40 %: 120 mins: Summer	0.00	0.8	1.680
FSR: 30 years: +40 %: 120 mins: Winter	0.00	0.6	1.686
FSR: 30 years: +40 %: 240 mins: Summer	0.00	0.5	2.088
FSR: 30 years: +40 %: 240 mins: Winter	0.00	0.4	2.076
FSR: 30 years: +40 %: 360 mins: Summer	0.00	0.4	2.370
FSR: 30 years: +40 %: 360 mins: Winter	0.00	0.3	2.358
FSR: 30 years: +40 %: 480 mins: Summer	0.00	0.3	2.556
FSR: 30 years: +40 %: 480 mins: Winter	0.00	0.2	2.544
FSR: 30 years: +40 %: 960 mins: Summer	0.00	0.2	3.096
FSR: 30 years: +40 %: 960 mins: Winter	0.00	0.1	3.060
FSR: 30 years: +40 %: 1440 mins: Summer	0.00	0.2	3.426
FSR: 30 years: +40 %: 1440 mins: Winter	0.00	0.1	3.516
FSR: 100 years: +50 %: 15 mins: Summer	0.00	2.4	1.032
FSR: 100 years: +50 %: 15 mins: Winter	0.00	2.2	1.029
FSR: 100 years: +50 %: 30 mins: Summer	0.00	1.6	1.422
FSR: 100 years: +50 %: 30 mins: Winter	0.00	1.5	1.424

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.00	1.5	1.873
FSR: 100 years: +50 %: 60 mins: Winter	0.00	1.2	1.861
FSR: 100 years: +50 %: 120 mins: Summer	0.00	1.1	2.377
FSR: 100 years: +50 %: 120 mins: Winter	0.00	0.8	2.383
FSR: 100 years: +50 %: 240 mins: Summer	0.00	0.8	2.904
FSR: 100 years: +50 %: 240 mins: Winter	0.00	0.5	2.916
FSR: 100 years: +50 %: 360 mins: Summer	0.00	0.6	3.252
FSR: 100 years: +50 %: 360 mins: Winter	0.00	0.4	3.270
FSR: 100 years: +50 %: 480 mins: Summer	0.00	0.5	3.516
FSR: 100 years: +50 %: 480 mins: Winter	0.00	0.3	3.492
FSR: 100 years: +50 %: 960 mins: Summer	0.00	0.3	4.212
FSR: 100 years: +50 %: 960 mins: Winter	0.00	0.2	4.176
FSR: 100 years: +50 %: 1440 mins: Summer	0.00	0.2	4.650
FSR: 100 years: +50 %: 1440 mins: Winter	0.00	0.1	4.602

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (6): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.00	0.2	0.093
FSR: 1 years: +0 %: 15 mins: Winter	0.00	0.2	0.090
FSR: 1 years: +0 %: 30 mins: Summer	0.00	0.1	0.120
FSR: 1 years: +0 %: 30 mins: Winter	0.00	0.1	0.120
FSR: 1 years: +0 %: 60 mins: Summer	0.00	0.1	0.168
FSR: 1 years: +0 %: 60 mins: Winter	0.00	0.1	0.156
FSR: 1 years: +0 %: 120 mins: Summer	0.00	0.1	0.210
FSR: 1 years: +0 %: 120 mins: Winter	0.00	0.1	0.198
FSR: 1 years: +0 %: 240 mins: Summer	0.00	0.1	0.288
FSR: 1 years: +0 %: 240 mins: Winter	0.00	0.0	0.282
FSR: 1 years: +0 %: 360 mins: Summer	0.00	0.1	0.348
FSR: 1 years: +0 %: 360 mins: Winter	0.00	0.0	0.342
FSR: 1 years: +0 %: 480 mins: Summer	0.00	0.0	0.348
FSR: 1 years: +0 %: 480 mins: Winter	0.00	0.0	0.390
FSR: 1 years: +0 %: 960 mins: Summer	0.00	0.0	0.372
FSR: 1 years: +0 %: 960 mins: Winter	0.00	0.0	0.396
FSR: 1 years: +0 %: 1440 mins: Summer	0.00	0.0	0.396
FSR: 1 years: +0 %: 1440 mins: Winter	0.00	0.0	0.402
FSR: 2 years: +0 %: 15 mins: Summer	0.00	0.3	0.117
FSR: 2 years: +0 %: 15 mins: Winter	0.00	0.2	0.117

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.00	0.2	0.156
FSR: 2 years: +0 %: 30 mins: Winter	0.00	0.2	0.156
FSR: 2 years: +0 %: 60 mins: Summer	0.00	0.2	0.210
FSR: 2 years: +0 %: 60 mins: Winter	0.00	0.1	0.210
FSR: 2 years: +0 %: 120 mins: Summer	0.00	0.1	0.270
FSR: 2 years: +0 %: 120 mins: Winter	0.00	0.1	0.276
FSR: 2 years: +0 %: 240 mins: Summer	0.00	0.1	0.342
FSR: 2 years: +0 %: 240 mins: Winter	0.00	0.1	0.336
FSR: 2 years: +0 %: 360 mins: Summer	0.00	0.1	0.414
FSR: 2 years: +0 %: 360 mins: Winter	0.00	0.0	0.390
FSR: 2 years: +0 %: 480 mins: Summer	0.00	0.1	0.468
FSR: 2 years: +0 %: 480 mins: Winter	0.00	0.0	0.456
FSR: 2 years: +0 %: 960 mins: Summer	0.00	0.0	0.468
FSR: 2 years: +0 %: 960 mins: Winter	0.00	0.0	0.456
FSR: 2 years: +0 %: 1440 mins: Summer	0.00	0.0	0.492
FSR: 2 years: +0 %: 1440 mins: Winter	0.00	0.0	0.522
FSR: 30 years: +40 %: 15 mins: Summer	0.00	0.7	0.312
FSR: 30 years: +40 %: 15 mins: Winter	0.00	0.7	0.309
FSR: 30 years: +40 %: 30 mins: Summer	0.00	0.5	0.426
FSR: 30 years: +40 %: 30 mins: Winter	0.00	0.5	0.420
FSR: 30 years: +40 %: 60 mins: Summer	0.00	0.4	0.552

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins:	0.00	0.4	0.552
Winter			
FSR: 30 years: +40 %: 120 mins:	0.00	0.3	0.702
Summer			
FSR: 30 years: +40 %: 120 mins:	0.00	0.2	0.696
Winter			
FSR: 30 years: +40 %: 240 mins:	0.00	0.2	0.858
Summer			
FSR: 30 years: +40 %: 240 mins:	0.00	0.2	0.888
Winter			
FSR: 30 years: +40 %: 360 mins:	0.00	0.2	0.984
Summer			
FSR: 30 years: +40 %: 360 mins:	0.00	0.1	0.972
Winter			
FSR: 30 years: +40 %: 480 mins:	0.00	0.1	1.038
Summer			
FSR: 30 years: +40 %: 480 mins:	0.00	0.1	1.080
Winter			
FSR: 30 years: +40 %: 960 mins:	0.00	0.1	1.308
Summer			
FSR: 30 years: +40 %: 960 mins:	0.00	0.1	1.284
Winter			
FSR: 30 years: +40 %: 1440 mins:	0.00	0.1	1.584
Summer			
FSR: 30 years: +40 %: 1440 mins:	0.00	0.0	1.488
Winter			
FSR: 100 years: +50 %: 15 mins:	0.00	1.0	0.429
Summer			
FSR: 100 years: +50 %: 15 mins:	0.00	0.9	0.429
Winter			
FSR: 100 years: +50 %: 30 mins:	0.00	0.7	0.588
Summer			
FSR: 100 years: +50 %: 30 mins:	0.00	0.6	0.595
Winter			

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.00	0.6	0.775
FSR: 100 years: +50 %: 60 mins: Winter	0.00	0.5	0.781
FSR: 100 years: +50 %: 120 mins: Summer	0.00	0.5	0.996
FSR: 100 years: +50 %: 120 mins: Winter	0.00	0.3	0.990
FSR: 100 years: +50 %: 240 mins: Summer	0.00	0.3	1.212
FSR: 100 years: +50 %: 240 mins: Winter	0.00	0.2	1.218
FSR: 100 years: +50 %: 360 mins: Summer	0.00	0.2	1.344
FSR: 100 years: +50 %: 360 mins: Winter	0.00	0.2	1.362
FSR: 100 years: +50 %: 480 mins: Summer	0.00	0.2	1.464
FSR: 100 years: +50 %: 480 mins: Winter	0.00	0.1	1.446
FSR: 100 years: +50 %: 960 mins: Summer	0.00	0.1	1.728
FSR: 100 years: +50 %: 960 mins: Winter	0.00	0.1	1.704
FSR: 100 years: +50 %: 1440 mins: Summer	0.00	0.1	1.968
FSR: 100 years: +50 %: 1440 mins: Winter	0.00	0.1	1.932

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (7): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.02	2.7	1.189
FSR: 1 years: +0 %: 15 mins: Winter	0.02	2.6	1.186
FSR: 1 years: +0 %: 30 mins: Summer	0.02	1.9	1.612
FSR: 1 years: +0 %: 30 mins: Winter	0.02	1.8	1.612
FSR: 1 years: +0 %: 60 mins: Summer	0.02	1.7	2.147
FSR: 1 years: +0 %: 60 mins: Winter	0.02	1.4	2.135
FSR: 1 years: +0 %: 120 mins: Summer	0.02	1.3	2.801
FSR: 1 years: +0 %: 120 mins: Winter	0.02	1.0	2.813
FSR: 1 years: +0 %: 240 mins: Summer	0.02	0.9	3.654
FSR: 1 years: +0 %: 240 mins: Winter	0.02	0.6	3.654
FSR: 1 years: +0 %: 360 mins: Summer	0.02	0.8	4.224
FSR: 1 years: +0 %: 360 mins: Winter	0.02	0.5	4.230
FSR: 1 years: +0 %: 480 mins: Summer	0.02	0.6	4.662
FSR: 1 years: +0 %: 480 mins: Winter	0.02	0.4	4.656
FSR: 1 years: +0 %: 960 mins: Summer	0.02	0.4	5.958
FSR: 1 years: +0 %: 960 mins: Winter	0.02	0.3	5.964
FSR: 1 years: +0 %: 1440 mins: Summer	0.02	0.3	6.942
FSR: 1 years: +0 %: 1440 mins: Winter	0.02	0.2	6.930
FSR: 2 years: +0 %: 15 mins: Summer	0.02	3.5	1.536
FSR: 2 years: +0 %: 15 mins: Winter	0.02	3.3	1.540

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.02	2.4	2.080
FSR: 2 years: +0 %: 30 mins: Winter	0.02	2.3	2.080
FSR: 2 years: +0 %: 60 mins: Summer	0.02	2.2	2.728
FSR: 2 years: +0 %: 60 mins: Winter	0.02	1.8	2.723
FSR: 2 years: +0 %: 120 mins: Summer	0.02	1.7	3.497
FSR: 2 years: +0 %: 120 mins: Winter	0.02	1.2	3.503
FSR: 2 years: +0 %: 240 mins: Summer	0.02	1.2	4.469
FSR: 2 years: +0 %: 240 mins: Winter	0.02	0.8	4.488
FSR: 2 years: +0 %: 360 mins: Summer	0.02	0.9	5.118
FSR: 2 years: +0 %: 360 mins: Winter	0.02	0.6	5.124
FSR: 2 years: +0 %: 480 mins: Summer	0.02	0.8	5.610
FSR: 2 years: +0 %: 480 mins: Winter	0.02	0.5	5.634
FSR: 2 years: +0 %: 960 mins: Summer	0.02	0.5	7.074
FSR: 2 years: +0 %: 960 mins: Winter	0.02	0.3	7.056
FSR: 2 years: +0 %: 1440 mins: Summer	0.02	0.4	8.076
FSR: 2 years: +0 %: 1440 mins: Winter	0.02	0.2	8.058
FSR: 30 years: +40 %: 15 mins: Summer	0.02	9.4	4.071
FSR: 30 years: +40 %: 15 mins: Winter	0.02	8.8	4.075
FSR: 30 years: +40 %: 30 mins: Summer	0.02	6.4	5.550
FSR: 30 years: +40 %: 30 mins: Winter	0.02	6.0	5.549
FSR: 30 years: +40 %: 60 mins: Summer	0.02	5.8	7.273

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.02	4.7	7.272
FSR: 30 years: +40 %: 120 mins: Summer	0.02	4.4	9.229
FSR: 30 years: +40 %: 120 mins: Winter	0.02	3.2	9.234
FSR: 30 years: +40 %: 240 mins: Summer	0.02	3.0	11.419
FSR: 30 years: +40 %: 240 mins: Winter	0.02	2.0	11.412
FSR: 30 years: +40 %: 360 mins: Summer	0.02	2.3	12.840
FSR: 30 years: +40 %: 360 mins: Winter	0.02	1.5	12.857
FSR: 30 years: +40 %: 480 mins: Summer	0.02	1.9	13.956
FSR: 30 years: +40 %: 480 mins: Winter	0.02	1.2	13.974
FSR: 30 years: +40 %: 960 mins: Summer	0.02	1.2	16.974
FSR: 30 years: +40 %: 960 mins: Winter	0.02	0.8	16.968
FSR: 30 years: +40 %: 1440 mins: Summer	0.02	0.9	18.948
FSR: 30 years: +40 %: 1440 mins: Winter	0.02	0.6	18.996
FSR: 100 years: +50 %: 15 mins: Summer	0.02	13.0	5.632
FSR: 100 years: +50 %: 15 mins: Winter	0.02	12.2	5.633
FSR: 100 years: +50 %: 30 mins: Summer	0.02	9.0	7.764
FSR: 100 years: +50 %: 30 mins: Winter	0.02	8.4	7.768

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.02	8.2	10.243
FSR: 100 years: +50 %: 60 mins: Winter	0.02	6.6	10.243
FSR: 100 years: +50 %: 120 mins: Summer	0.02	6.2	13.001
FSR: 100 years: +50 %: 120 mins: Winter	0.02	4.4	13.018
FSR: 100 years: +50 %: 240 mins: Summer	0.02	4.1	15.912
FSR: 100 years: +50 %: 240 mins: Winter	0.02	2.8	15.891
FSR: 100 years: +50 %: 360 mins: Summer	0.02	3.2	17.790
FSR: 100 years: +50 %: 360 mins: Winter	0.02	2.1	17.802
FSR: 100 years: +50 %: 480 mins: Summer	0.02	2.6	19.224
FSR: 100 years: +50 %: 480 mins: Winter	0.02	1.7	19.236
FSR: 100 years: +50 %: 960 mins: Summer	0.02	1.6	23.034
FSR: 100 years: +50 %: 960 mins: Winter	0.02	1.0	23.046
FSR: 100 years: +50 %: 1440 mins: Summer	0.02	1.2	25.482
FSR: 100 years: +50 %: 1440 mins: Winter	0.02	0.8	25.506

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Catchment Area (8): Rank By: Max. Inflow**

Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
FSR: 1 years: +0 %: 15 mins: Summer	0.04	4.4	1.932
FSR: 1 years: +0 %: 15 mins: Winter	0.04	4.2	1.932
FSR: 1 years: +0 %: 30 mins: Summer	0.04	3.0	2.619
FSR: 1 years: +0 %: 30 mins: Winter	0.04	2.9	2.625
FSR: 1 years: +0 %: 60 mins: Summer	0.04	2.8	3.490
FSR: 1 years: +0 %: 60 mins: Winter	0.04	2.2	3.478
FSR: 1 years: +0 %: 120 mins: Summer	0.04	2.2	4.571
FSR: 1 years: +0 %: 120 mins: Winter	0.04	1.6	4.571
FSR: 1 years: +0 %: 240 mins: Summer	0.04	1.5	5.951
FSR: 1 years: +0 %: 240 mins: Winter	0.04	1.0	5.945
FSR: 1 years: +0 %: 360 mins: Summer	0.04	1.2	6.851
FSR: 1 years: +0 %: 360 mins: Winter	0.04	0.8	6.846
FSR: 1 years: +0 %: 480 mins: Summer	0.04	1.0	7.596
FSR: 1 years: +0 %: 480 mins: Winter	0.04	0.7	7.626
FSR: 1 years: +0 %: 960 mins: Summer	0.04	0.7	9.714
FSR: 1 years: +0 %: 960 mins: Winter	0.04	0.4	9.720
FSR: 1 years: +0 %: 1440 mins: Summer	0.04	0.5	11.214
FSR: 1 years: +0 %: 1440 mins: Winter	0.04	0.3	11.226
FSR: 2 years: +0 %: 15 mins: Summer	0.04	5.7	2.498
FSR: 2 years: +0 %: 15 mins: Winter	0.04	5.4	2.501

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 30 mins: Summer	0.04	3.9	3.381
FSR: 2 years: +0 %: 30 mins: Winter	0.04	3.7	3.381
FSR: 2 years: +0 %: 60 mins: Summer	0.04	3.5	4.437
FSR: 2 years: +0 %: 60 mins: Winter	0.04	2.9	4.438
FSR: 2 years: +0 %: 120 mins: Summer	0.04	2.7	5.692
FSR: 2 years: +0 %: 120 mins: Winter	0.04	1.9	5.693
FSR: 2 years: +0 %: 240 mins: Summer	0.04	1.9	7.259
FSR: 2 years: +0 %: 240 mins: Winter	0.04	1.3	7.247
FSR: 2 years: +0 %: 360 mins: Summer	0.04	1.5	8.297
FSR: 2 years: +0 %: 360 mins: Winter	0.04	1.0	8.310
FSR: 2 years: +0 %: 480 mins: Summer	0.04	1.2	9.168
FSR: 2 years: +0 %: 480 mins: Winter	0.04	0.8	9.150
FSR: 2 years: +0 %: 960 mins: Summer	0.04	0.8	11.526
FSR: 2 years: +0 %: 960 mins: Winter	0.04	0.5	11.538
FSR: 2 years: +0 %: 1440 mins: Summer	0.04	0.6	13.194
FSR: 2 years: +0 %: 1440 mins: Winter	0.04	0.4	13.230
FSR: 30 years: +40 %: 15 mins: Summer	0.04	15.2	6.625
FSR: 30 years: +40 %: 15 mins: Winter	0.04	14.3	6.627
FSR: 30 years: +40 %: 30 mins: Summer	0.04	10.4	9.036
FSR: 30 years: +40 %: 30 mins: Winter	0.04	9.8	9.035
FSR: 30 years: +40 %: 60 mins: Summer	0.04	9.5	11.833

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 60 mins: Winter	0.04	7.6	11.832
FSR: 30 years: +40 %: 120 mins: Summer	0.04	7.1	15.025
FSR: 30 years: +40 %: 120 mins: Winter	0.04	5.1	15.024
FSR: 30 years: +40 %: 240 mins: Summer	0.04	4.8	18.553
FSR: 30 years: +40 %: 240 mins: Winter	0.04	3.2	18.552
FSR: 30 years: +40 %: 360 mins: Summer	0.04	3.7	20.905
FSR: 30 years: +40 %: 360 mins: Winter	0.04	2.4	20.915
FSR: 30 years: +40 %: 480 mins: Summer	0.04	3.1	22.704
FSR: 30 years: +40 %: 480 mins: Winter	0.04	2.0	22.727
FSR: 30 years: +40 %: 960 mins: Summer	0.04	1.9	27.642
FSR: 30 years: +40 %: 960 mins: Winter	0.04	1.2	27.606
FSR: 30 years: +40 %: 1440 mins: Summer	0.04	1.4	30.912
FSR: 30 years: +40 %: 1440 mins: Winter	0.04	0.9	30.912
FSR: 100 years: +50 %: 15 mins: Summer	0.04	21.1	9.165
FSR: 100 years: +50 %: 15 mins: Winter	0.04	19.8	9.166
FSR: 100 years: +50 %: 30 mins: Summer	0.04	14.6	12.630
FSR: 100 years: +50 %: 30 mins: Winter	0.04	13.7	12.640

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	0.04	13.3	16.662
FSR: 100 years: +50 %: 60 mins: Winter	0.04	10.7	16.656
FSR: 100 years: +50 %: 120 mins: Summer	0.04	10.0	21.158
FSR: 100 years: +50 %: 120 mins: Winter	0.04	7.2	21.181
FSR: 100 years: +50 %: 240 mins: Summer	0.04	6.7	25.866
FSR: 100 years: +50 %: 240 mins: Winter	0.04	4.5	25.878
FSR: 100 years: +50 %: 360 mins: Summer	0.04	5.1	28.944
FSR: 100 years: +50 %: 360 mins: Winter	0.04	3.4	28.956
FSR: 100 years: +50 %: 480 mins: Summer	0.04	4.2	31.266
FSR: 100 years: +50 %: 480 mins: Winter	0.04	2.8	31.284
FSR: 100 years: +50 %: 960 mins: Summer	0.04	2.6	37.463
FSR: 100 years: +50 %: 960 mins: Winter	0.04	1.6	37.458
FSR: 100 years: +50 %: 1440 mins: Summer	0.04	1.9	41.520
FSR: 100 years: +50 %: 1440 mins: Winter	0.04	1.2	41.466

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for SW2: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.800	71.600	71.622	0.022	2.3	0.002	0.000	2.3	1.018	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.800	71.600	71.623	0.023	2.5	0.002	0.000	2.4	1.138	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.800	71.600	71.619	0.019	1.6	0.001	0.000	1.6	1.385	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.800	71.600	71.619	0.019	1.7	0.001	0.000	1.7	1.553	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.800	71.600	71.618	0.018	1.5	0.001	0.000	1.5	1.847	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.800	71.600	71.617	0.017	1.3	0.001	0.000	1.3	2.069	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.800	71.600	71.616	0.016	1.1	0.001	0.000	1.1	2.423	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.800	71.600	71.615	0.015	0.9	0.001	0.000	0.9	2.711	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.800	71.600	71.614	0.014	0.8	0.001	0.000	0.8	3.138	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.800	71.600	71.612	0.012	0.6	0.001	0.000	0.6	3.522	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.800	71.600	71.612	0.012	0.6	0.001	0.000	0.6	3.648	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.800	71.600	71.611	0.011	0.5	0.001	0.000	0.5	4.038	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.800	71.600	71.611	0.011	0.6	0.001	0.000	0.5	3.996	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.800	71.600	71.610	0.010	0.4	0.001	0.000	0.4	4.494	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.800	71.600	71.609	0.009	0.3	0.001	0.000	0.4	5.112	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.800	71.600	71.608	0.008	0.3	0.001	0.000	0.3	5.676	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.800	71.600	71.608	0.008	0.3	0.001	0.000	0.3	6.036	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.800	71.600	71.607	0.007	0.2	0.001	0.000	0.2	6.606	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.800	71.600	71.625	0.025	3.0	0.002	0.000	3.0	1.324	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.800	71.600	71.626	0.026	3.2	0.002	0.000	3.2	1.477	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.800	71.600	71.621	0.021	2.1	0.002	0.000	2.1	1.786	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.800	71.600	71.622	0.022	2.2	0.002	0.000	2.2	2.002	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.800	71.600	71.620	0.020	1.9	0.001	0.000	1.9	2.339	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.800	71.600	71.619	0.019	1.7	0.001	0.000	1.7	2.621	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.800	71.600	71.618	0.018	1.4	0.001	0.000	1.4	3.011	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.800	71.600	71.616	0.016	1.1	0.001	0.000	1.1	3.365	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.800	71.600	71.615	0.015	1.0	0.001	0.000	1.0	3.858	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.800	71.600	71.613	0.013	0.8	0.001	0.000	0.7	4.296	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.800	71.600	71.613	0.013	0.8	0.001	0.000	0.8	4.392	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.800	71.600	71.612	0.012	0.6	0.001	0.000	0.6	4.920	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.80 0	71.60 0	71.612	0.012	0.7	0.001	0.000	0.7	4.842	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.80 0	71.60 0	71.611	0.011	0.5	0.001	0.000	0.5	5.400	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.80 0	71.60 0	71.610	0.010	0.4	0.001	0.000	0.4	6.072	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.80 0	71.60 0	71.609	0.009	0.3	0.001	0.000	0.3	6.864	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.80 0	71.60 0	71.609	0.009	0.3	0.001	0.000	0.3	6.936	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.80 0	71.60 0	71.608	0.008	0.2	0.001	0.000	0.2	7.764	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.80 0	71.60 0	71.641	0.041	8.0	0.003	0.000	8.0	3.495	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.80 0	71.60 0	71.642	0.042	8.5	0.003	0.000	8.4	3.922	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.80 0	71.60 0	71.634	0.034	5.5	0.002	0.000	5.5	4.781	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.80 0	71.60 0	71.635	0.035	5.8	0.002	0.000	5.8	5.357	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.80 0	71.60 0	71.633	0.033	5.0	0.002	0.000	5.0	6.252	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.80 0	71.60 0	71.631	0.031	4.5	0.002	0.000	4.5	7.002	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.80 0	71.60 0	71.628	0.028	3.8	0.002	0.000	3.8	7.944	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.80 0	71.60 0	71.626	0.026	3.0	0.002	0.000	3.0	8.898	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.80 0	71.60 0	71.624	0.024	2.6	0.002	0.000	2.5	9.816	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.80 0	71.60 0	71.621	0.021	1.9	0.001	0.000	1.9	11.004	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.80 0	71.60 0	71.621	0.021	2.0	0.001	0.000	2.0	11.076	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.80 0	71.60 0	71.618	0.018	1.4	0.001	0.000	1.4	12.366	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.80 0	71.60 0	71.619	0.019	1.6	0.001	0.000	1.6	12.006	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.80 0	71.60 0	71.616	0.016	1.2	0.001	0.000	1.2	13.458	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.80 0	71.60 0	71.615	0.015	1.0	0.001	0.000	1.0	14.610	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.80 0	71.60 0	71.613	0.013	0.7	0.001	0.000	0.7	16.380	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.80 0	71.60 0	71.613	0.013	0.7	0.001	0.000	0.7	16.320	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.80 0	71.60 0	71.611	0.011	0.5	0.001	0.000	0.5	18.354	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.80 0	71.60 0	71.650	0.050	11.1	0.004	0.000	11.1	4.838	OK
FSR: 100 years: +50 %: 15 mins: Winter	72.80 0	71.60 0	71.696	0.096	11.7	0.007	0.000	8.7	5.430	OK
FSR: 100 years: +50 %: 30 mins: Summer	72.80 0	71.60 0	71.640	0.040	7.7	0.003	0.000	7.7	6.672	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.80 0	71.60 0	72.328	0.728	8.1	0.052	0.000	8.1	7.659	Surcharged

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.80 0	71.60 0	72.372	0.772	7.0	0.055	0.000	7.0	8.953	Surcharged
FSR: 100 years: +50 %: 60 mins: Winter	72.80 0	71.60 0	72.544	0.944	6.3	0.067	0.000	6.3	10.067	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	72.80 0	71.60 0	72.430	0.830	5.3	0.059	0.000	5.3	11.254	Surcharged
FSR: 100 years: +50 %: 120 mins: Winter	72.80 0	71.60 0	72.531	0.931	4.3	0.066	0.000	4.3	12.549	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	72.80 0	71.60 0	71.628	0.028	3.5	0.002	0.000	3.6	13.662	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.80 0	71.60 0	71.624	0.024	2.7	0.002	0.000	2.7	15.342	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.80 0	71.60 0	71.624	0.024	2.7	0.002	0.000	2.7	15.318	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.80 0	71.60 0	71.621	0.021	2.0	0.001	0.000	2.0	17.142	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.80 0	71.60 0	71.622	0.022	2.2	0.002	0.000	2.2	16.512	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.80 0	71.60 0	71.619	0.019	1.6	0.001	0.000	1.6	18.486	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.80 0	71.60 0	71.617	0.017	1.4	0.001	0.000	1.3	19.830	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.80 0	71.60 0	71.615	0.015	1.0	0.001	0.000	1.0	22.152	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.80 0	71.60 0	71.615	0.015	1.0	0.001	0.000	1.0	21.954	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.80 0	71.60 0	71.613	0.013	0.7	0.001	0.000	0.7	24.588	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for SW6: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.550	70.928	71.023	0.095	2.4	0.108	0.000	2.5	2.693	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.550	70.928	71.031	0.103	2.8	0.117	0.000	2.9	3.123	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.550	70.928	71.040	0.112	3.4	0.127	0.000	3.4	6.904	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.550	70.928	71.050	0.122	3.9	0.138	0.000	3.9	7.935	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.550	70.928	71.054	0.126	4.1	0.142	0.000	4.1	13.540	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.550	70.928	71.063	0.135	4.7	0.153	0.000	4.7	15.345	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.550	70.928	71.061	0.133	4.6	0.150	0.000	4.6	21.407	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.550	70.928	71.066	0.138	4.9	0.156	0.000	4.9	23.958	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.550	70.928	71.058	0.130	4.4	0.148	0.000	4.4	29.538	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.550	70.928	71.056	0.128	4.3	0.145	0.000	4.3	32.981	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.550	70.928	71.052	0.124	4.0	0.140	0.000	4.0	34.346	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.550	70.928	71.046	0.118	3.7	0.134	0.000	3.7	38.326	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.550	70.928	71.046	0.118	3.7	0.133	0.000	3.7	38.030	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.550	70.928	71.038	0.110	3.2	0.125	0.000	3.2	42.490	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.550	70.928	71.029	0.101	2.7	0.114	0.000	2.7	48.769	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.550	70.928	71.019	0.091	2.2	0.103	0.000	2.2	54.340	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.550	70.928	71.019	0.091	2.2	0.103	0.000	2.2	56.455	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.550	70.928	71.008	0.080	1.8	0.090	0.000	1.8	62.811	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.550	70.928	71.043	0.115	3.5	0.131	0.000	3.5	3.855	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.550	70.928	71.054	0.126	4.1	0.142	0.000	4.1	4.487	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.550	70.928	71.064	0.136	4.8	0.154	0.000	4.8	9.553	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.550	70.928	71.076	0.148	5.6	0.167	0.000	5.6	10.974	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.550	70.928	71.078	0.150	5.7	0.170	0.000	5.7	17.787	Surcharged
FSR: 2 years: +0 %: 60 mins: Winter	72.550	70.928	71.089	0.161	6.5	0.183	0.000	6.5	20.130	Surcharged
FSR: 2 years: +0 %: 120 mins: Summer	72.550	70.928	71.084	0.156	6.1	0.177	0.000	6.1	26.942	Surcharged
FSR: 2 years: +0 %: 120 mins: Winter	72.550	70.928	71.089	0.161	6.4	0.182	0.000	6.4	30.189	Surcharged
FSR: 2 years: +0 %: 240 mins: Summer	72.550	70.928	71.077	0.149	5.7	0.169	0.000	5.7	36.117	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.550	70.928	71.074	0.146	5.4	0.165	0.000	5.4	40.329	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.550	70.928	71.068	0.140	5.0	0.158	0.000	5.0	41.666	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.550	70.928	71.061	0.133	4.6	0.150	0.000	4.6	46.523	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.55 0	70.92 8	71.060	0.132	4.5	0.149	0.000	4.5	45.964	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.55 0	70.92 8	71.051	0.123	4.0	0.139	0.000	4.0	51.326	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.55 0	70.92 8	71.040	0.112	3.3	0.126	0.000	3.3	57.884	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.55 0	70.92 8	71.028	0.100	2.7	0.113	0.000	2.7	64.624	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.55 0	70.92 8	71.028	0.100	2.7	0.113	0.000	2.7	66.297	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.55 0	70.92 8	71.015	0.087	2.1	0.099	0.000	2.1	73.997	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.55 0	70.92 8	71.184	0.256	13.7	0.289	0.000	13.6	14.483	Surcharged
FSR: 30 years: +40 %: 15 mins: Winter	72.55 0	70.92 8	71.205	0.277	15.3	0.314	0.000	15.3	16.544	Surcharged
FSR: 30 years: +40 %: 30 mins: Summer	72.55 0	70.92 8	71.231	0.303	17.2	0.343	0.000	17.3	31.816	Surcharged
FSR: 30 years: +40 %: 30 mins: Winter	72.55 0	70.92 8	71.257	0.329	18.8	0.372	0.000	18.8	35.999	Surcharged
FSR: 30 years: +40 %: 60 mins: Summer	72.55 0	70.92 8	71.257	0.329	18.7	0.372	0.000	18.7	52.624	Surcharged
FSR: 30 years: +40 %: 60 mins: Winter	72.55 0	70.92 8	71.280	0.352	19.5	0.398	0.000	19.5	59.120	Surcharged
FSR: 30 years: +40 %: 120 mins: Summer	72.55 0	70.92 8	71.255	0.327	18.8	0.369	0.000	18.8	73.273	Surcharged
FSR: 30 years: +40 %: 120 mins: Winter	72.55 0	70.92 8	71.255	0.327	18.8	0.369	0.000	18.8	81.991	Surcharged
FSR: 30 years: +40 %: 240 mins: Summer	72.55 0	70.92 8	71.217	0.289	16.3	0.326	0.000	16.3	93.019	Surcharged
FSR: 30 years: +40 %: 240 mins: Winter	72.55 0	70.92 8	71.200	0.272	15.1	0.308	0.000	15.0	103.925	Surcharged
FSR: 30 years: +40 %: 360 mins: Summer	72.55 0	70.92 8	71.187	0.259	14.0	0.293	0.000	14.0	105.209	Surcharged
FSR: 30 years: +40 %: 360 mins: Winter	72.55 0	70.92 8	71.164	0.236	12.3	0.267	0.000	12.3	117.365	Surcharged
FSR: 30 years: +40 %: 480 mins: Summer	72.55 0	70.92 8	71.165	0.237	12.4	0.268	0.000	12.4	114.338	Surcharged
FSR: 30 years: +40 %: 480 mins: Winter	72.55 0	70.92 8	71.141	0.213	10.4	0.241	0.000	10.4	127.672	Surcharged
FSR: 30 years: +40 %: 960 mins: Summer	72.55 0	70.92 8	71.116	0.188	8.5	0.213	0.000	8.5	139.270	Surcharged
FSR: 30 years: +40 %: 960 mins: Winter	72.55 0	70.92 8	71.091	0.163	6.6	0.185	0.000	6.6	155.362	Surcharged
FSR: 30 years: +40 %: 1440 mins: Summer	72.55 0	70.92 8	71.091	0.163	6.6	0.184	0.000	6.6	155.812	Surcharged
FSR: 30 years: +40 %: 1440 mins: Winter	72.55 0	70.92 8	71.067	0.139	5.0	0.158	0.000	5.0	173.973	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.55 0	70.92 8	71.268	0.340	18.8	0.384	0.000	18.9	20.906	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	72.55 0	70.92 8	71.300	0.372	19.9	0.420	0.000	20.1	23.122	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	72.55 0	70.92 8	71.387	0.459	20.2	0.519	0.000	20.6	45.127	Surcharged
FSR: 100 years: +50 %: 30 mins: Winter	72.55 0	70.92 8	72.289	1.361	23.4	1.539	0.000	22.5	50.435	Flood Risk

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.55 0	70.92 8	72.332	1.404	24.3	1.588	0.000	22.5	75.127	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	72.55 0	70.92 8	72.504	1.576	22.6	1.783	0.000	22.5	84.020	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	72.55 0	70.92 8	72.391	1.463	24.8	1.655	0.000	22.5	103.829	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	72.55 0	70.92 8	72.493	1.565	26.4	1.770	0.000	22.5	116.126	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	72.55 0	70.92 8	71.320	0.392	20.2	0.443	0.000	20.3	129.711	Surcharged
FSR: 100 years: +50 %: 240 mins: Winter	72.55 0	70.92 8	71.288	0.360	19.9	0.408	0.000	19.9	145.001	Surcharged
FSR: 100 years: +50 %: 360 mins: Summer	72.55 0	70.92 8	71.260	0.332	19.0	0.375	0.000	19.0	145.626	Surcharged
FSR: 100 years: +50 %: 360 mins: Winter	72.55 0	70.92 8	71.225	0.297	16.9	0.336	0.000	16.9	162.657	Surcharged
FSR: 100 years: +50 %: 480 mins: Summer	72.55 0	70.92 8	71.226	0.298	17.0	0.337	0.000	17.0	157.475	Surcharged
FSR: 100 years: +50 %: 480 mins: Winter	72.55 0	70.92 8	71.190	0.262	14.3	0.297	0.000	14.3	175.746	Surcharged
FSR: 100 years: +50 %: 960 mins: Summer	72.55 0	70.92 8	71.156	0.228	11.6	0.258	0.000	11.6	188.833	Surcharged
FSR: 100 years: +50 %: 960 mins: Winter	72.55 0	70.92 8	71.123	0.195	9.0	0.221	0.000	9.0	210.658	Surcharged
FSR: 100 years: +50 %: 1440 mins: Summer	72.55 0	70.92 8	71.122	0.194	8.9	0.220	0.000	8.9	209.194	Surcharged
FSR: 100 years: +50 %: 1440 mins: Winter	72.55 0	70.92 8	71.093	0.165	6.7	0.186	0.000	6.7	233.386	Surcharged

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for MH S8: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.860	70.850	70.905	0.055	7.6	0.062	0.000	6.3	5.562	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.860	70.850	70.904	0.054	7.4	0.061	0.000	6.2	5.968	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.860	70.850	70.906	0.056	7.2	0.064	0.000	6.9	10.911	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.860	70.850	70.906	0.056	7.2	0.064	0.000	6.9	11.932	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.860	70.850	70.907	0.057	7.4	0.065	0.000	7.2	19.025	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.860	70.850	70.906	0.056	6.8	0.063	0.000	6.9	20.799	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.860	70.850	70.906	0.056	6.8	0.063	0.000	6.8	28.697	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.860	70.850	70.905	0.055	6.6	0.062	0.000	6.6	31.258	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.860	70.850	70.903	0.053	6.1	0.060	0.000	6.1	39.124	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.860	70.850	70.901	0.051	5.6	0.058	0.000	5.6	42.560	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.860	70.850	70.900	0.050	5.5	0.057	0.000	5.5	45.413	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.860	70.850	70.897	0.047	4.8	0.053	0.000	4.8	49.393	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.860	70.850	70.898	0.048	5.0	0.054	0.000	4.9	50.282	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.860	70.850	70.894	0.044	4.2	0.050	0.000	4.2	54.766	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.860	70.850	70.891	0.041	3.7	0.047	0.000	3.7	64.438	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.860	70.850	70.887	0.037	2.9	0.042	0.000	2.9	70.020	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.860	70.850	70.887	0.037	3.0	0.042	0.000	3.0	74.609	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.860	70.850	70.883	0.033	2.3	0.037	0.000	2.3	80.965	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.860	70.850	70.913	0.063	10.0	0.072	0.000	8.5	7.582	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.860	70.850	70.913	0.063	9.8	0.071	0.000	8.4	8.193	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.860	70.850	70.915	0.065	9.6	0.074	0.000	9.3	14.752	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.860	70.850	70.915	0.065	9.6	0.074	0.000	9.3	16.155	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.860	70.850	70.916	0.066	9.8	0.074	0.000	9.5	24.785	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.860	70.850	70.915	0.065	9.3	0.074	0.000	9.3	27.114	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.860	70.850	70.914	0.064	8.9	0.072	0.000	8.9	36.046	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.860	70.850	70.913	0.063	8.6	0.071	0.000	8.6	39.297	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.860	70.850	70.910	0.060	7.8	0.067	0.000	7.8	47.826	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.860	70.850	70.907	0.057	7.1	0.064	0.000	7.1	52.043	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.860	70.850	70.906	0.056	6.8	0.063	0.000	6.8	55.074	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.860	70.850	70.902	0.052	6.0	0.059	0.000	6.0	59.948	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.86 0	70.85 0	70.903	0.053	6.1	0.060	0.000	6.1	60.736	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.86 0	70.85 0	70.899	0.049	5.2	0.055	0.000	5.2	66.104	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.86 0	70.85 0	70.895	0.045	4.4	0.051	0.000	4.4	76.481	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.86 0	70.85 0	70.890	0.040	3.5	0.046	0.000	3.5	83.215	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.86 0	70.85 0	70.891	0.041	3.6	0.046	0.000	3.6	87.565	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.86 0	70.85 0	70.886	0.036	2.7	0.040	0.000	2.7	95.282	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.86 0	70.85 0	70.962	0.112	28.8	0.126	0.000	25.9	24.521	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.86 0	70.85 0	70.961	0.111	28.5	0.126	0.000	25.7	26.526	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.86 0	70.85 0	70.966	0.116	29.7	0.132	0.000	28.9	45.928	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.86 0	70.85 0	70.968	0.118	30.1	0.133	0.000	29.4	50.072	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.86 0	70.85 0	70.968	0.118	30.3	0.133	0.000	29.7	71.485	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.86 0	70.85 0	70.964	0.114	28.3	0.129	0.000	27.8	77.967	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.86 0	70.85 0	70.962	0.112	27.1	0.126	0.000	26.7	97.421	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.86 0	70.85 0	70.958	0.108	25.3	0.122	0.000	25.2	106.141	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.86 0	70.85 0	70.951	0.101	22.3	0.114	0.000	22.3	122.965	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.86 0	70.85 0	70.945	0.095	19.6	0.107	0.000	19.6	133.863	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.86 0	70.85 0	70.943	0.093	19.0	0.105	0.000	19.0	138.945	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.86 0	70.85 0	70.935	0.085	15.9	0.096	0.000	15.9	151.129	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.86 0	70.85 0	70.937	0.087	16.6	0.098	0.000	16.6	150.991	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.86 0	70.85 0	70.928	0.078	13.4	0.088	0.000	13.4	164.367	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.86 0	70.85 0	70.922	0.072	11.3	0.081	0.000	11.3	183.882	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.86 0	70.85 0	70.912	0.062	8.5	0.071	0.000	8.5	199.933	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.86 0	70.85 0	70.913	0.063	8.8	0.072	0.000	8.8	205.669	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.86 0	70.85 0	70.904	0.054	6.4	0.061	0.000	6.4	223.879	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.86 0	70.85 0	70.982	0.132	38.4	0.149	0.000	35.6	34.847	OK
FSR: 100 years: +50 %: 15 mins: Winter	72.86 0	70.85 0	70.982	0.132	38.2	0.149	0.000	35.8	36.974	OK
FSR: 100 years: +50 %: 30 mins: Summer	72.86 0	70.85 0	70.989	0.139	41.0	0.158	0.000	40.7	64.879	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.86 0	70.85 0	70.988	0.138	40.7	0.156	0.000	40.1	70.133	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.86 0	70.85 0	70.989	0.139	40.8	0.157	0.000	40.4	101.729	OK
FSR: 100 years: +50 %: 60 mins: Winter	72.86 0	70.85 0	70.982	0.132	37.3	0.150	0.000	37.1	110.589	OK
FSR: 100 years: +50 %: 120 mins: Summer	72.86 0	70.85 0	70.980	0.130	35.9	0.147	0.000	35.6	137.870	OK
FSR: 100 years: +50 %: 120 mins: Winter	72.86 0	70.85 0	70.974	0.124	33.0	0.141	0.000	33.0	150.207	OK
FSR: 100 years: +50 %: 240 mins: Summer	72.86 0	70.85 0	70.967	0.117	29.4	0.132	0.000	29.2	171.460	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.86 0	70.85 0	70.960	0.110	26.1	0.124	0.000	26.1	186.740	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.86 0	70.85 0	70.959	0.109	25.9	0.124	0.000	25.9	192.351	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.86 0	70.85 0	70.950	0.100	22.0	0.114	0.000	21.9	209.406	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.86 0	70.85 0	70.952	0.102	22.8	0.116	0.000	22.8	207.960	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.86 0	70.85 0	70.942	0.092	18.5	0.104	0.000	18.5	226.260	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.86 0	70.85 0	70.934	0.084	15.5	0.095	0.000	15.5	249.327	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.86 0	70.85 0	70.923	0.073	11.6	0.082	0.000	11.6	271.159	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.86 0	70.85 0	70.924	0.074	11.9	0.083	0.000	11.9	276.194	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.86 0	70.85 0	70.913	0.063	8.7	0.071	0.000	8.7	300.356	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for SW1: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.540	71.900	71.952	0.052	10.1	0.008	0.000	9.9	4.390	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.540	71.900	71.953	0.053	10.6	0.008	0.000	10.4	4.906	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.540	71.900	71.943	0.043	6.9	0.007	0.000	6.9	5.954	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.540	71.900	71.944	0.044	7.2	0.007	0.000	7.2	6.661	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.540	71.900	71.942	0.042	6.3	0.007	0.000	6.3	7.923	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.540	71.900	71.939	0.039	5.7	0.006	0.000	5.7	8.858	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.540	71.900	71.937	0.037	4.9	0.006	0.000	4.9	10.390	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.540	71.900	71.933	0.033	3.9	0.005	0.000	4.0	11.584	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.540	71.900	71.931	0.031	3.5	0.005	0.000	3.5	13.535	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.540	71.900	71.927	0.027	2.6	0.004	0.000	2.6	15.107	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.540	71.900	71.928	0.028	2.8	0.004	0.000	2.8	15.611	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.540	71.900	71.924	0.024	2.0	0.004	0.000	2.0	17.417	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.540	71.900	71.926	0.026	2.3	0.004	0.000	2.4	17.243	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.540	71.900	71.922	0.022	1.7	0.004	0.000	1.7	19.295	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.540	71.900	71.921	0.021	1.5	0.003	0.000	1.5	21.960	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.540	71.900	71.918	0.018	1.1	0.003	0.000	1.1	24.516	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.540	71.900	71.918	0.018	1.1	0.003	0.000	1.2	25.332	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.540	71.900	71.916	0.016	0.8	0.003	0.000	0.8	28.224	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.540	71.900	71.959	0.059	13.1	0.009	0.000	12.9	5.682	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.540	71.900	71.961	0.061	13.7	0.010	0.000	13.5	6.360	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.540	71.900	71.949	0.049	8.9	0.008	0.000	8.9	7.687	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.540	71.900	71.950	0.050	9.3	0.008	0.000	9.3	8.592	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.540	71.900	71.947	0.047	8.1	0.007	0.000	8.1	10.064	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.540	71.900	71.944	0.044	7.2	0.007	0.000	7.2	11.258	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.540	71.900	71.941	0.041	6.1	0.007	0.000	6.1	12.952	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.540	71.900	71.937	0.037	4.9	0.006	0.000	4.9	14.475	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.540	71.900	71.934	0.034	4.3	0.005	0.000	4.3	16.486	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.540	71.900	71.930	0.030	3.2	0.005	0.000	3.2	18.418	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.540	71.900	71.930	0.030	3.3	0.005	0.000	3.3	18.917	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.540	71.900	71.926	0.026	2.5	0.004	0.000	2.5	21.131	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.54 0	71.90 0	71.928	0.028	2.8	0.004	0.000	2.8	20.837	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.54 0	71.90 0	71.924	0.024	2.0	0.004	0.000	2.0	23.261	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.54 0	71.90 0	71.923	0.023	1.8	0.004	0.000	1.8	26.099	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.54 0	71.90 0	71.919	0.019	1.3	0.003	0.000	1.3	29.124	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.54 0	71.90 0	71.920	0.020	1.4	0.003	0.000	1.4	29.802	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.54 0	71.90 0	71.917	0.017	1.0	0.003	0.000	1.0	33.342	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.54 0	71.90 0	72.000	0.100	34.6	0.016	0.000	34.2	15.054	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.54 0	71.90 0	72.003	0.103	36.3	0.016	0.000	35.9	16.818	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.54 0	71.90 0	71.981	0.081	23.7	0.013	0.000	23.7	20.533	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.54 0	71.90 0	71.984	0.084	24.9	0.013	0.000	24.9	22.938	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.54 0	71.90 0	71.977	0.077	21.5	0.012	0.000	21.5	26.865	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.54 0	71.90 0	71.973	0.073	19.3	0.012	0.000	19.3	30.025	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.54 0	71.90 0	71.967	0.067	16.2	0.011	0.000	16.2	34.131	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.54 0	71.90 0	71.960	0.060	13.0	0.009	0.000	13.0	38.124	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.54 0	71.90 0	71.954	0.054	10.9	0.009	0.000	10.9	42.164	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.54 0	71.90 0	71.947	0.047	8.2	0.008	0.000	8.2	47.154	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.54 0	71.90 0	71.948	0.048	8.4	0.008	0.000	8.4	47.521	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.54 0	71.90 0	71.941	0.041	6.2	0.007	0.000	6.2	53.068	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.54 0	71.90 0	71.944	0.044	7.0	0.007	0.000	7.0	51.623	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.54 0	71.90 0	71.937	0.037	5.1	0.006	0.000	5.1	57.700	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.54 0	71.90 0	71.934	0.034	4.3	0.005	0.000	4.3	62.801	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.54 0	71.90 0	71.929	0.029	3.1	0.005	0.000	3.1	70.127	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.54 0	71.90 0	71.930	0.030	3.2	0.005	0.000	3.2	70.331	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.54 0	71.90 0	71.925	0.025	2.3	0.004	0.000	2.3	78.437	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.54 0	71.90 0	72.021	0.121	47.9	0.019	0.000	47.1	20.794	OK
FSR: 100 years: +50 %: 15 mins: Winter	72.54 0	71.90 0	72.026	0.126	50.3	0.020	0.000	50.0	23.243	OK
FSR: 100 years: +50 %: 30 mins: Summer	72.54 0	71.90 0	71.998	0.098	33.1	0.016	0.000	33.2	28.694	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.54 0	71.90 0	72.339	0.439	34.7	0.070	0.000	34.7	32.044	Flood Risk

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.54 0	71.90 0	72.376	0.476	30.3	0.076	0.000	30.3	37.789	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	72.54 0	71.90 0	72.543	0.643	27.2	2.735	2.633	27.2	42.225	Flood
FSR: 100 years: +50 %: 120 mins: Summer	72.54 0	71.90 0	72.439	0.539	22.8	0.086	0.000	22.8	48.058	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	72.54 0	71.90 0	72.540	0.640	18.3	0.401	0.299	18.3	53.726	Flood
FSR: 100 years: +50 %: 240 mins: Summer	72.54 0	71.90 0	71.965	0.065	15.2	0.010	0.000	15.2	58.754	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.54 0	71.90 0	71.956	0.056	11.4	0.009	0.000	11.4	65.681	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.54 0	71.90 0	71.956	0.056	11.6	0.009	0.000	11.6	65.737	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.54 0	71.90 0	71.948	0.048	8.6	0.008	0.000	8.6	73.500	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.54 0	71.90 0	71.951	0.051	9.6	0.008	0.000	9.6	71.047	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.54 0	71.90 0	71.944	0.044	7.0	0.007	0.000	7.0	79.361	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.54 0	71.90 0	71.940	0.040	5.8	0.006	0.000	5.8	85.067	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.54 0	71.90 0	71.934	0.034	4.2	0.005	0.000	4.2	95.051	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.54 0	71.90 0	71.934	0.034	4.3	0.005	0.000	4.3	94.271	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.54 0	71.90 0	71.929	0.029	3.1	0.005	0.000	3.1	105.311	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for SW3: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.540	71.290	71.375	0.085	12.7	0.013	0.000	12.0	5.657	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.540	71.290	71.376	0.086	13.3	0.014	0.000	12.6	6.299	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.540	71.290	71.358	0.068	8.8	0.011	0.000	8.9	7.672	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.540	71.290	71.360	0.070	9.2	0.011	0.000	9.3	8.550	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.540	71.290	71.353	0.063	8.1	0.010	0.000	8.1	10.197	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.540	71.290	71.349	0.059	7.3	0.009	0.000	7.3	11.363	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.540	71.290	71.344	0.054	6.3	0.009	0.000	6.3	13.360	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.540	71.290	71.338	0.048	5.1	0.008	0.000	5.1	14.837	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.540	71.290	71.336	0.046	4.5	0.007	0.000	4.5	17.373	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.540	71.290	71.329	0.039	3.4	0.006	0.000	3.4	19.317	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.540	71.290	71.330	0.040	3.5	0.006	0.000	3.6	20.038	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.540	71.290	71.324	0.034	2.6	0.005	0.000	2.6	22.258	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.540	71.290	71.327	0.037	3.0	0.006	0.000	3.0	22.105	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.540	71.290	71.321	0.031	2.1	0.005	0.000	2.2	24.625	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.540	71.290	71.320	0.030	1.9	0.005	0.000	1.9	28.237	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.540	71.290	71.315	0.025	1.4	0.004	0.000	1.4	31.321	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.540	71.290	71.316	0.026	1.5	0.004	0.000	1.5	32.723	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.540	71.290	71.313	0.023	1.1	0.004	0.000	1.1	36.185	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.540	71.290	71.387	0.097	16.5	0.015	0.000	15.6	7.326	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.540	71.290	71.388	0.098	17.3	0.016	0.000	16.4	8.160	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.540	71.290	71.367	0.077	11.4	0.012	0.000	11.4	9.904	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.540	71.290	71.369	0.079	11.9	0.013	0.000	11.9	11.028	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.540	71.290	71.361	0.071	10.3	0.011	0.000	10.3	12.950	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.540	71.290	71.356	0.066	9.2	0.011	0.000	9.3	14.421	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.540	71.290	71.351	0.061	7.9	0.010	0.000	7.9	16.634	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.540	71.290	71.344	0.054	6.3	0.009	0.000	6.3	18.513	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.540	71.290	71.340	0.050	5.5	0.008	0.000	5.5	21.185	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.540	71.290	71.333	0.043	4.1	0.007	0.000	4.1	23.555	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.540	71.290	71.334	0.044	4.3	0.007	0.000	4.3	24.270	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.540	71.290	71.328	0.038	3.2	0.006	0.000	3.2	27.006	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.54 0	71.29 0	71.330	0.040	3.6	0.006	0.000	3.6	26.714	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.54 0	71.29 0	71.324	0.034	2.6	0.005	0.000	2.6	29.720	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.54 0	71.29 0	71.322	0.032	2.3	0.005	0.000	2.3	33.488	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.54 0	71.29 0	71.318	0.028	1.6	0.004	0.000	1.7	37.292	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.54 0	71.29 0	71.318	0.028	1.7	0.005	0.000	1.7	38.363	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.54 0	71.29 0	71.314	0.024	1.2	0.004	0.000	1.3	42.647	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.54 0	71.29 0	71.464	0.174	43.9	0.028	0.000	41.5	19.314	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.54 0	71.29 0	71.470	0.180	46.0	0.029	0.000	43.4	21.478	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.54 0	71.29 0	71.421	0.131	30.4	0.021	0.000	30.4	26.332	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.54 0	71.29 0	71.425	0.135	31.7	0.021	0.000	31.8	29.292	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.54 0	71.29 0	71.411	0.121	27.5	0.019	0.000	27.6	34.440	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.54 0	71.29 0	71.403	0.113	24.7	0.018	0.000	24.7	38.337	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.54 0	71.29 0	71.392	0.102	20.8	0.016	0.000	20.8	43.767	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.54 0	71.29 0	71.379	0.089	16.6	0.014	0.000	16.6	48.733	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.54 0	71.29 0	71.371	0.081	14.0	0.013	0.000	14.0	54.092	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.54 0	71.29 0	71.359	0.069	10.5	0.011	0.000	10.5	60.266	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.54 0	71.29 0	71.360	0.070	10.8	0.011	0.000	10.8	60.990	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.54 0	71.29 0	71.350	0.060	7.9	0.009	0.000	7.9	67.819	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.54 0	71.29 0	71.354	0.064	9.0	0.010	0.000	9.0	66.206	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.54 0	71.29 0	71.344	0.054	6.5	0.009	0.000	6.5	73.725	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.54 0	71.29 0	71.339	0.049	5.5	0.008	0.000	5.5	80.521	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.54 0	71.29 0	71.332	0.042	3.9	0.007	0.000	3.9	89.581	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.54 0	71.29 0	71.333	0.043	4.1	0.007	0.000	4.1	90.087	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.54 0	71.29 0	71.326	0.036	2.9	0.006	0.000	2.9	100.317	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.54 0	71.29 0	71.619	0.329	60.6	0.052	0.000	53.8	26.430	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	72.54 0	71.29 0	71.678	0.388	60.9	0.062	0.000	57.4	29.406	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	72.54 0	71.29 0	71.524	0.234	42.5	0.037	0.000	40.2	36.590	Surcharged
FSR: 100 years: +50 %: 30 mins: Winter	72.54 0	71.29 0	72.327	1.037	44.4	0.165	0.000	43.5	41.080	Flood Risk

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.54 0	71.29 0	72.370	1.080	38.8	0.172	0.000	37.5	48.517	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	72.54 0	71.29 0	72.538	1.248	34.8	0.198	0.000	33.8	54.104	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	72.54 0	71.29 0	72.429	1.139	29.3	0.181	0.000	28.4	61.664	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	72.54 0	71.29 0	72.530	1.240	23.4	0.197	0.000	23.3	68.658	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	72.54 0	71.29 0	71.389	0.099	19.5	0.016	0.000	19.5	75.285	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.54 0	71.29 0	71.373	0.083	14.6	0.013	0.000	14.6	83.952	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.54 0	71.29 0	71.374	0.084	14.9	0.013	0.000	14.9	84.318	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.54 0	71.29 0	71.361	0.071	10.9	0.011	0.000	11.0	93.938	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.54 0	71.29 0	71.366	0.076	12.4	0.012	0.000	12.4	91.093	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.54 0	71.29 0	71.353	0.063	8.9	0.010	0.000	8.9	101.365	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.54 0	71.29 0	71.348	0.058	7.4	0.009	0.000	7.4	109.124	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.54 0	71.29 0	71.339	0.049	5.3	0.008	0.000	5.3	121.395	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.54 0	71.29 0	71.339	0.049	5.5	0.008	0.000	5.5	120.887	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.54 0	71.29 0	71.332	0.042	3.9	0.007	0.000	3.9	134.513	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




**Summary Results for Manhole: Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.600	70.680	70.733	0.053	6.3	0.000	0.000	6.3	5.562	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.600	70.680	70.733	0.053	6.2	0.000	0.000	6.2	5.968	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.600	70.680	70.735	0.055	6.9	0.000	0.000	6.9	10.911	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.600	70.680	70.735	0.055	6.9	0.000	0.000	6.9	11.932	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.600	70.680	70.736	0.056	7.2	0.000	0.000	7.2	19.025	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.600	70.680	70.735	0.055	6.9	0.000	0.000	6.9	20.799	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.600	70.680	70.735	0.055	6.8	0.000	0.000	6.8	28.697	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.600	70.680	70.734	0.054	6.6	0.000	0.000	6.6	31.258	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.600	70.680	70.732	0.052	6.1	0.000	0.000	6.1	39.124	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.600	70.680	70.730	0.050	5.6	0.000	0.000	5.6	42.560	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.600	70.680	70.730	0.050	5.5	0.000	0.000	5.5	45.413	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.600	70.680	70.727	0.047	4.8	0.000	0.000	4.8	49.393	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.600	70.680	70.727	0.047	4.9	0.000	0.000	4.9	50.282	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.600	70.680	70.724	0.044	4.2	0.000	0.000	4.2	54.766	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.600	70.680	70.721	0.041	3.7	0.000	0.000	3.7	64.438	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.600	70.680	70.717	0.037	2.9	0.000	0.000	2.9	70.020	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.600	70.680	70.717	0.037	3.0	0.000	0.000	3.0	74.609	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.600	70.680	70.713	0.033	2.3	0.000	0.000	2.3	80.965	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.600	70.680	70.742	0.062	8.5	0.000	0.000	8.6	7.582	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.600	70.680	70.741	0.061	8.4	0.000	0.000	8.4	8.193	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.600	70.680	70.744	0.064	9.3	0.000	0.000	9.3	14.752	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.600	70.680	70.744	0.064	9.3	0.000	0.000	9.3	16.155	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.600	70.680	70.745	0.065	9.5	0.000	0.000	9.5	24.785	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.600	70.680	70.744	0.064	9.3	0.000	0.000	9.3	27.114	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.600	70.680	70.743	0.063	8.9	0.000	0.000	8.9	36.046	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.600	70.680	70.742	0.062	8.6	0.000	0.000	8.6	39.297	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.600	70.680	70.739	0.059	7.8	0.000	0.000	7.8	47.826	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.600	70.680	70.736	0.056	7.1	0.000	0.000	7.1	52.043	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.600	70.680	70.735	0.055	6.8	0.000	0.000	6.8	55.074	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.600	70.680	70.732	0.052	6.0	0.000	0.000	6.0	59.948	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.60 0	70.68 0	70.732	0.052	6.1	0.000	0.000	6.1	60.736	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.60 0	70.68 0	70.728	0.048	5.2	0.000	0.000	5.2	66.104	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.60 0	70.68 0	70.725	0.045	4.4	0.000	0.000	4.4	76.481	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.60 0	70.68 0	70.720	0.040	3.5	0.000	0.000	3.5	83.215	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.60 0	70.68 0	70.720	0.040	3.6	0.000	0.000	3.6	87.565	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.60 0	70.68 0	70.716	0.036	2.7	0.000	0.000	2.7	95.282	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.60 0	70.68 0	70.786	0.106	25.9	0.000	0.000	26.1	24.521	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.60 0	70.68 0	70.786	0.106	25.7	0.000	0.000	25.9	26.526	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.60 0	70.68 0	70.792	0.112	28.9	0.000	0.000	28.9	45.928	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.60 0	70.68 0	70.793	0.113	29.4	0.000	0.000	29.4	50.072	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.60 0	70.68 0	70.794	0.114	29.7	0.000	0.000	29.7	71.485	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.60 0	70.68 0	70.790	0.110	27.8	0.000	0.000	27.9	77.967	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.60 0	70.68 0	70.788	0.108	26.7	0.000	0.000	26.8	97.421	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.60 0	70.68 0	70.785	0.105	25.2	0.000	0.000	25.2	106.141	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.60 0	70.68 0	70.779	0.099	22.3	0.000	0.000	22.3	122.965	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.60 0	70.68 0	70.772	0.092	19.6	0.000	0.000	19.6	133.863	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.60 0	70.68 0	70.771	0.091	19.0	0.000	0.000	19.0	138.945	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.60 0	70.68 0	70.763	0.083	15.9	0.000	0.000	15.9	151.129	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.60 0	70.68 0	70.765	0.085	16.6	0.000	0.000	16.6	150.991	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.60 0	70.68 0	70.757	0.077	13.4	0.000	0.000	13.4	164.367	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.60 0	70.68 0	70.751	0.071	11.3	0.000	0.000	11.3	183.882	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.60 0	70.68 0	70.742	0.062	8.5	0.000	0.000	8.5	199.933	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.60 0	70.68 0	70.742	0.062	8.8	0.000	0.000	8.8	205.669	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.60 0	70.68 0	70.734	0.054	6.4	0.000	0.000	6.4	223.879	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.60 0	70.68 0	70.805	0.125	35.6	0.000	0.000	35.7	34.847	OK
FSR: 100 years: +50 %: 15 mins: Winter	72.60 0	70.68 0	70.805	0.125	35.8	0.000	0.000	35.8	36.974	OK
FSR: 100 years: +50 %: 30 mins: Summer	72.60 0	70.68 0	70.814	0.134	40.7	0.000	0.000	40.7	64.879	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.60 0	70.68 0	70.813	0.133	40.1	0.000	0.000	40.1	70.133	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 100 years: +50 %: 60 mins: Summer	72.60 0	70.68 0	70.813	0.133	40.4	0.000	0.000	40.4	101.729	OK
FSR: 100 years: +50 %: 60 mins: Winter	72.60 0	70.68 0	70.807	0.127	37.1	0.000	0.000	37.1	110.589	OK
FSR: 100 years: +50 %: 120 mins: Summer	72.60 0	70.68 0	70.805	0.125	35.6	0.000	0.000	35.6	137.870	OK
FSR: 100 years: +50 %: 120 mins: Winter	72.60 0	70.68 0	70.800	0.120	33.0	0.000	0.000	33.0	150.207	OK
FSR: 100 years: +50 %: 240 mins: Summer	72.60 0	70.68 0	70.793	0.113	29.2	0.000	0.000	29.2	171.460	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.60 0	70.68 0	70.787	0.107	26.1	0.000	0.000	26.1	186.740	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.60 0	70.68 0	70.786	0.106	25.9	0.000	0.000	25.9	192.351	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.60 0	70.68 0	70.778	0.098	21.9	0.000	0.000	21.9	209.406	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.60 0	70.68 0	70.780	0.100	22.8	0.000	0.000	22.8	207.960	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.60 0	70.68 0	70.770	0.090	18.5	0.000	0.000	18.5	226.260	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.60 0	70.68 0	70.762	0.082	15.5	0.000	0.000	15.5	249.327	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.60 0	70.68 0	70.752	0.072	11.6	0.000	0.000	11.6	271.159	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.60 0	70.68 0	70.752	0.072	11.9	0.000	0.000	11.9	276.194	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.60 0	70.68 0	70.742	0.062	8.7	0.000	0.000	8.7	300.356	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Manhole (1): Rank By: Max. Depth**

Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
FSR: 1 years: +0 %: 15 mins: Summer	72.890	71.219	71.274	0.055	4.4	0.062	0.000	4.0	1.938	OK
FSR: 1 years: +0 %: 15 mins: Winter	72.890	71.219	71.272	0.053	4.2	0.060	0.000	3.8	1.939	OK
FSR: 1 years: +0 %: 30 mins: Summer	72.890	71.219	71.266	0.047	3.0	0.053	0.000	3.0	2.630	OK
FSR: 1 years: +0 %: 30 mins: Winter	72.890	71.219	71.264	0.045	2.9	0.051	0.000	2.9	2.637	OK
FSR: 1 years: +0 %: 60 mins: Summer	72.890	71.219	71.264	0.045	2.8	0.051	0.000	2.8	3.502	OK
FSR: 1 years: +0 %: 60 mins: Winter	72.890	71.219	71.259	0.040	2.2	0.045	0.000	2.2	3.490	OK
FSR: 1 years: +0 %: 120 mins: Summer	72.890	71.219	71.258	0.039	2.2	0.044	0.000	2.2	4.582	OK
FSR: 1 years: +0 %: 120 mins: Winter	72.890	71.219	71.252	0.033	1.6	0.038	0.000	1.6	4.582	OK
FSR: 1 years: +0 %: 240 mins: Summer	72.890	71.219	71.252	0.033	1.5	0.037	0.000	1.5	5.960	OK
FSR: 1 years: +0 %: 240 mins: Winter	72.890	71.219	71.246	0.027	1.0	0.031	0.000	1.0	5.954	OK
FSR: 1 years: +0 %: 360 mins: Summer	72.890	71.219	71.248	0.029	1.2	0.033	0.000	1.2	6.859	OK
FSR: 1 years: +0 %: 360 mins: Winter	72.890	71.219	71.243	0.024	0.8	0.027	0.000	0.8	6.852	OK
FSR: 1 years: +0 %: 480 mins: Summer	72.890	71.219	71.246	0.027	1.0	0.030	0.000	1.0	7.602	OK
FSR: 1 years: +0 %: 480 mins: Winter	72.890	71.219	71.241	0.022	0.7	0.025	0.000	0.7	7.631	OK
FSR: 1 years: +0 %: 960 mins: Summer	72.890	71.219	71.241	0.022	0.7	0.024	0.000	0.7	9.718	OK
FSR: 1 years: +0 %: 960 mins: Winter	72.890	71.219	71.237	0.018	0.4	0.020	0.000	0.4	9.724	OK
FSR: 1 years: +0 %: 1440 mins: Summer	72.890	71.219	71.238	0.019	0.5	0.022	0.000	0.5	11.217	OK
FSR: 1 years: +0 %: 1440 mins: Winter	72.890	71.219	71.234	0.015	0.3	0.018	0.000	0.3	11.229	OK
FSR: 2 years: +0 %: 15 mins: Summer	72.890	71.219	71.283	0.064	5.7	0.072	0.000	5.2	2.507	OK
FSR: 2 years: +0 %: 15 mins: Winter	72.890	71.219	71.281	0.062	5.4	0.070	0.000	4.9	2.511	OK
FSR: 2 years: +0 %: 30 mins: Summer	72.890	71.219	71.272	0.053	3.9	0.060	0.000	3.9	3.394	OK
FSR: 2 years: +0 %: 30 mins: Winter	72.890	71.219	71.271	0.052	3.7	0.058	0.000	3.7	3.394	OK
FSR: 2 years: +0 %: 60 mins: Summer	72.890	71.219	71.270	0.051	3.5	0.057	0.000	3.6	4.452	OK
FSR: 2 years: +0 %: 60 mins: Winter	72.890	71.219	71.264	0.045	2.9	0.051	0.000	2.9	4.452	OK
FSR: 2 years: +0 %: 120 mins: Summer	72.890	71.219	71.263	0.044	2.7	0.050	0.000	2.7	5.705	OK
FSR: 2 years: +0 %: 120 mins: Winter	72.890	71.219	71.256	0.037	1.9	0.042	0.000	2.0	5.705	OK
FSR: 2 years: +0 %: 240 mins: Summer	72.890	71.219	71.255	0.036	1.9	0.041	0.000	1.9	7.269	OK
FSR: 2 years: +0 %: 240 mins: Winter	72.890	71.219	71.249	0.030	1.3	0.034	0.000	1.3	7.256	OK
FSR: 2 years: +0 %: 360 mins: Summer	72.890	71.219	71.251	0.032	1.5	0.036	0.000	1.5	8.305	OK
FSR: 2 years: +0 %: 360 mins: Winter	72.890	71.219	71.245	0.026	1.0	0.029	0.000	1.0	8.317	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 480 mins: Summer	72.89 0	71.21 9	71.248	0.029	1.2	0.033	0.000	1.2	9.174	OK
FSR: 2 years: +0 %: 480 mins: Winter	72.89 0	71.21 9	71.243	0.024	0.8	0.027	0.000	0.8	9.156	OK
FSR: 2 years: +0 %: 960 mins: Summer	72.89 0	71.21 9	71.242	0.023	0.8	0.027	0.000	0.8	11.530	OK
FSR: 2 years: +0 %: 960 mins: Winter	72.89 0	71.21 9	71.238	0.019	0.5	0.022	0.000	0.5	11.542	OK
FSR: 2 years: +0 %: 1440 mins: Summer	72.89 0	71.21 9	71.240	0.021	0.6	0.023	0.000	0.6	13.197	OK
FSR: 2 years: +0 %: 1440 mins: Winter	72.89 0	71.21 9	71.236	0.017	0.4	0.019	0.000	0.4	13.233	OK
FSR: 30 years: +40 %: 15 mins: Summer	72.89 0	71.21 9	71.344	0.125	15.2	0.141	0.000	13.7	6.634	OK
FSR: 30 years: +40 %: 15 mins: Winter	72.89 0	71.21 9	71.337	0.118	14.3	0.133	0.000	13.1	6.637	OK
FSR: 30 years: +40 %: 30 mins: Summer	72.89 0	71.21 9	71.314	0.095	10.4	0.107	0.000	10.4	9.053	OK
FSR: 30 years: +40 %: 30 mins: Winter	72.89 0	71.21 9	71.310	0.091	9.8	0.103	0.000	9.8	9.053	OK
FSR: 30 years: +40 %: 60 mins: Summer	72.89 0	71.21 9	71.308	0.089	9.5	0.100	0.000	9.5	11.853	OK
FSR: 30 years: +40 %: 60 mins: Winter	72.89 0	71.21 9	71.296	0.077	7.6	0.088	0.000	7.6	11.854	OK
FSR: 30 years: +40 %: 120 mins: Summer	72.89 0	71.21 9	71.293	0.074	7.1	0.084	0.000	7.1	15.043	OK
FSR: 30 years: +40 %: 120 mins: Winter	72.89 0	71.21 9	71.280	0.061	5.1	0.069	0.000	5.1	15.043	OK
FSR: 30 years: +40 %: 240 mins: Summer	72.89 0	71.21 9	71.278	0.059	4.8	0.067	0.000	4.8	18.567	OK
FSR: 30 years: +40 %: 240 mins: Winter	72.89 0	71.21 9	71.267	0.048	3.2	0.054	0.000	3.2	18.566	OK
FSR: 30 years: +40 %: 360 mins: Summer	72.89 0	71.21 9	71.270	0.051	3.7	0.058	0.000	3.7	20.916	OK
FSR: 30 years: +40 %: 360 mins: Winter	72.89 0	71.21 9	71.260	0.041	2.4	0.046	0.000	2.4	20.927	OK
FSR: 30 years: +40 %: 480 mins: Summer	72.89 0	71.21 9	71.266	0.047	3.1	0.053	0.000	3.1	22.714	OK
FSR: 30 years: +40 %: 480 mins: Winter	72.89 0	71.21 9	71.256	0.037	2.0	0.042	0.000	2.0	22.737	OK
FSR: 30 years: +40 %: 960 mins: Summer	72.89 0	71.21 9	71.255	0.036	1.9	0.041	0.000	1.9	27.649	OK
FSR: 30 years: +40 %: 960 mins: Winter	72.89 0	71.21 9	71.248	0.029	1.2	0.033	0.000	1.2	27.612	OK
FSR: 30 years: +40 %: 1440 mins: Summer	72.89 0	71.21 9	71.250	0.031	1.4	0.035	0.000	1.4	30.917	OK
FSR: 30 years: +40 %: 1440 mins: Winter	72.89 0	71.21 9	71.244	0.025	0.9	0.028	0.000	0.9	30.916	OK
FSR: 100 years: +50 %: 15 mins: Summer	72.89 0	71.21 9	71.499	0.280	21.1	0.317	0.000	16.8	9.152	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	72.89 0	71.21 9	71.447	0.228	19.8	0.258	0.000	16.0	9.158	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	72.89 0	71.21 9	71.348	0.129	14.6	0.146	0.000	14.6	12.636	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.89 0	71.21 9	71.336	0.117	13.7	0.133	0.000	13.7	12.648	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Junctions Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 100 years: +50 %: 60 mins: Summer	72.89 0	71.21 9	71.333	0.114	13.3	0.129	0.000	13.3	16.675	OK
FSR: 100 years: +50 %: 60 mins: Winter	72.89 0	71.21 9	71.316	0.097	10.7	0.109	0.000	10.7	16.673	OK
FSR: 100 years: +50 %: 120 mins: Summer	72.89 0	71.21 9	71.311	0.092	10.0	0.104	0.000	10.0	21.175	OK
FSR: 100 years: +50 %: 120 mins: Winter	72.89 0	71.21 9	71.294	0.075	7.2	0.085	0.000	7.2	21.201	OK
FSR: 100 years: +50 %: 240 mins: Summer	72.89 0	71.21 9	71.291	0.072	6.7	0.081	0.000	6.7	25.882	OK
FSR: 100 years: +50 %: 240 mins: Winter	72.89 0	71.21 9	71.276	0.057	4.5	0.064	0.000	4.5	25.894	OK
FSR: 100 years: +50 %: 360 mins: Summer	72.89 0	71.21 9	71.280	0.061	5.1	0.069	0.000	5.1	28.958	OK
FSR: 100 years: +50 %: 360 mins: Winter	72.89 0	71.21 9	71.268	0.049	3.4	0.055	0.000	3.4	28.969	OK
FSR: 100 years: +50 %: 480 mins: Summer	72.89 0	71.21 9	71.274	0.055	4.2	0.062	0.000	4.2	31.278	OK
FSR: 100 years: +50 %: 480 mins: Winter	72.89 0	71.21 9	71.263	0.044	2.8	0.049	0.000	2.8	31.295	OK
FSR: 100 years: +50 %: 960 mins: Summer	72.89 0	71.21 9	71.261	0.042	2.6	0.048	0.000	2.6	37.472	OK
FSR: 100 years: +50 %: 960 mins: Winter	72.89 0	71.21 9	71.253	0.034	1.6	0.038	0.000	1.7	37.465	OK
FSR: 100 years: +50 %: 1440 mins: Summer	72.89 0	71.21 9	71.255	0.036	1.9	0.041	0.000	1.9	41.526	OK
FSR: 100 years: +50 %: 1440 mins: Winter	72.89 0	71.21 9	71.248	0.029	1.2	0.033	0.000	1.2	41.471	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Cellular Storage: Rank By: Max. Avg. Depth**

Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
FSR: 1 years: +0 %: 15 mins: Summer	71.025	71.025	0.075	0.075	21.4	8.188	0.000	0.000	2.4	2.806	81.743	OK
FSR: 1 years: +0 %: 15 mins: Winter	71.033	71.033	0.083	0.083	22.6	9.078	0.000	0.000	2.8	3.245	79.760	OK
FSR: 1 years: +0 %: 30 mins: Summer	71.042	71.042	0.092	0.092	15.4	10.069	0.000	0.000	3.4	7.008	77.551	OK
FSR: 1 years: +0 %: 30 mins: Winter	71.052	71.052	0.102	0.102	16.1	11.147	0.000	0.000	3.9	8.045	75.146	OK
FSR: 1 years: +0 %: 60 mins: Summer	71.056	71.056	0.106	0.106	14.1	11.531	0.000	0.000	4.1	13.614	74.289	OK
FSR: 1 years: +0 %: 60 mins: Winter	71.065	71.065	0.115	0.115	12.7	12.545	0.000	0.000	4.7	15.423	72.028	OK
FSR: 1 years: +0 %: 120 mins: Summer	71.063	71.063	0.113	0.113	10.9	12.320	0.000	0.000	4.6	21.451	72.530	OK
FSR: 1 years: +0 %: 120 mins: Winter	71.067	71.067	0.117	0.117	8.8	12.832	0.000	0.000	4.9	24.003	71.390	OK
FSR: 1 years: +0 %: 240 mins: Summer	71.060	71.060	0.110	0.110	7.8	12.051	0.000	0.000	4.4	29.556	73.130	OK
FSR: 1 years: +0 %: 240 mins: Winter	71.058	71.058	0.108	0.108	5.9	11.827	0.000	0.000	4.3	32.999	73.629	OK
FSR: 1 years: +0 %: 360 mins: Summer	71.053	71.053	0.103	0.103	6.1	11.294	0.000	0.000	4.0	34.356	74.818	OK
FSR: 1 years: +0 %: 360 mins: Winter	71.048	71.048	0.098	0.098	4.5	10.718	0.000	0.000	3.7	38.336	76.103	OK
FSR: 1 years: +0 %: 480 mins: Summer	71.047	71.047	0.097	0.097	5.2	10.640	0.000	0.000	3.7	38.038	76.277	OK
FSR: 1 years: +0 %: 480 mins: Winter	71.040	71.040	0.090	0.090	3.7	9.843	0.000	0.000	3.2	42.498	78.053	OK
FSR: 1 years: +0 %: 960 mins: Summer	71.031	71.031	0.081	0.081	3.3	8.804	0.000	0.000	2.7	48.781	80.371	OK
FSR: 1 years: +0 %: 960 mins: Winter	71.020	71.020	0.070	0.070	2.4	7.700	0.000	0.000	2.2	54.349	82.832	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 1 years: +0 %: 1440 mins: Summer	71.020	71.020	0.070	0.070	2.6	7.681	0.000	0.000	2.2	56.470	82.874	OK
FSR: 1 years: +0 %: 1440 mins: Winter	71.010	71.010	0.060	0.060	1.9	6.505	0.000	0.000	1.8	62.832	85.496	OK
FSR: 2 years: +0 %: 15 mins: Summer	71.045	71.045	0.095	0.095	27.9	10.396	0.000	0.000	3.5	3.990	76.821	OK
FSR: 2 years: +0 %: 15 mins: Winter	71.055	71.055	0.105	0.105	29.3	11.514	0.000	0.000	4.1	4.633	74.327	OK
FSR: 2 years: +0 %: 30 mins: Summer	71.066	71.066	0.116	0.116	19.8	12.684	0.000	0.000	4.8	9.672	71.718	OK
FSR: 2 years: +0 %: 30 mins: Winter	71.078	71.078	0.128	0.128	20.7	13.976	0.000	0.000	5.6	11.101	68.838	OK
FSR: 2 years: +0 %: 60 mins: Summer	71.080	71.080	0.130	0.130	17.9	14.233	0.000	0.000	5.7	17.868	68.266	OK
FSR: 2 years: +0 %: 60 mins: Winter	71.092	71.092	0.142	0.142	16.1	15.461	0.000	0.000	6.5	20.214	65.528	OK
FSR: 2 years: +0 %: 120 mins: Summer	71.086	71.086	0.136	0.136	13.6	14.896	0.000	0.000	6.1	26.989	66.788	OK
FSR: 2 years: +0 %: 120 mins: Winter	71.091	71.091	0.141	0.141	11.0	15.368	0.000	0.000	6.4	30.236	65.736	OK
FSR: 2 years: +0 %: 240 mins: Summer	71.079	71.079	0.129	0.129	9.5	14.129	0.000	0.000	5.7	36.135	68.496	OK
FSR: 2 years: +0 %: 240 mins: Winter	71.076	71.076	0.126	0.126	7.1	13.749	0.000	0.000	5.4	40.347	69.345	OK
FSR: 2 years: +0 %: 360 mins: Summer	71.070	71.070	0.120	0.120	7.4	13.102	0.000	0.000	5.0	41.677	70.787	OK
FSR: 2 years: +0 %: 360 mins: Winter	71.063	71.063	0.113	0.113	5.5	12.323	0.000	0.000	4.6	46.533	72.523	OK
FSR: 2 years: +0 %: 480 mins: Summer	71.062	71.062	0.112	0.112	6.3	12.240	0.000	0.000	4.5	45.973	72.709	OK
FSR: 2 years: +0 %: 480 mins: Winter	71.053	71.053	0.103	0.103	4.5	11.251	0.000	0.000	4.0	51.334	74.915	OK
FSR: 2 years: +0 %: 960 mins: Summer	71.041	71.041	0.091	0.091	4.0	9.982	0.000	0.000	3.3	57.894	77.744	OK
FSR: 2 years: +0 %: 960 mins: Winter	71.030	71.030	0.080	0.080	2.9	8.698	0.000	0.000	2.7	64.630	80.607	OK
FSR: 2 years: +0 %: 1440 mins: Summer	71.029	71.029	0.079	0.079	3.0	8.655	0.000	0.000	2.7	66.317	80.702	OK
FSR: 2 years: +0 %: 1440 mins: Winter	71.017	71.017	0.067	0.067	2.2	7.317	0.000	0.000	2.1	74.008	83.685	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 30 years: +40 %: 15 mins: Summer	71.188	71.188	0.238	0.238	74.0	26.021	0.000	0.000	13.7	14.746	41.982	OK
FSR: 30 years: +40 %: 15 mins: Winter	71.211	71.211	0.261	0.261	77.6	28.514	0.000	0.000	15.3	16.829	36.424	OK
FSR: 30 years: +40 %: 30 mins: Summer	71.238	71.238	0.288	0.288	52.6	31.498	0.000	0.000	17.2	32.015	29.770	OK
FSR: 30 years: +40 %: 30 mins: Winter	71.266	71.266	0.316	0.316	55.1	34.463	0.000	0.000	18.8	36.211	23.159	OK
FSR: 30 years: +40 %: 60 mins: Summer	71.265	71.265	0.315	0.315	47.7	34.441	0.000	0.000	18.7	52.735	23.209	OK
FSR: 30 years: +40 %: 60 mins: Winter	71.290	71.290	0.340	0.340	42.8	37.120	0.000	0.000	19.5	59.237	17.234	OK
FSR: 30 years: +40 %: 120 mins: Summer	71.263	71.263	0.313	0.313	35.9	34.236	0.000	0.000	18.8	73.327	23.666	OK
FSR: 30 years: +40 %: 120 mins: Winter	71.263	71.263	0.313	0.313	28.9	34.243	0.000	0.000	18.8	82.047	23.649	OK
FSR: 30 years: +40 %: 240 mins: Summer	71.223	71.223	0.273	0.273	24.3	29.844	0.000	0.000	16.3	93.039	33.457	OK
FSR: 30 years: +40 %: 240 mins: Winter	71.206	71.206	0.256	0.256	18.2	27.936	0.000	0.000	15.1	103.946	37.713	OK
FSR: 30 years: +40 %: 360 mins: Summer	71.192	71.192	0.242	0.242	18.7	26.400	0.000	0.000	14.0	105.220	41.137	OK
FSR: 30 years: +40 %: 360 mins: Winter	71.168	71.168	0.218	0.218	13.7	23.813	0.000	0.000	12.3	117.377	46.906	OK
FSR: 30 years: +40 %: 480 mins: Summer	71.169	71.169	0.219	0.219	15.6	23.943	0.000	0.000	12.4	114.346	46.616	OK
FSR: 30 years: +40 %: 480 mins: Winter	71.143	71.143	0.193	0.193	11.2	21.132	0.000	0.000	10.4	127.680	52.883	OK
FSR: 30 years: +40 %: 960 mins: Summer	71.119	71.119	0.169	0.169	9.5	18.434	0.000	0.000	8.5	139.275	58.899	OK
FSR: 30 years: +40 %: 960 mins: Winter	71.093	71.093	0.143	0.143	6.8	15.657	0.000	0.000	6.6	155.367	65.091	OK
FSR: 30 years: +40 %: 1440 mins: Summer	71.093	71.093	0.143	0.143	7.1	15.619	0.000	0.000	6.6	155.817	65.175	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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FSR: 30 years: +40 %: 1440 mins: Winter	71.069	71.069	0.119	0.119	5.1	13.037	0.000	0.000	5.0	173.978	70.933	OK
FSR: 100 years: +50 %: 15 mins: Summer	71.276	71.276	0.326	0.326	98.7	35.613	0.000	0.000	18.8	21.237	20.596	OK
FSR: 100 years: +50 %: 15 mins: Winter	71.309	71.309	0.359	0.359	104.7	39.253	0.000	0.000	19.9	23.484	12.479	OK
FSR: 100 years: +50 %: 30 mins: Summer	71.398	71.398	0.448	0.448	71.2	43.785	0.000	0.000	20.2	45.382	2.376	OK
FSR: 100 years: +50 %: 30 mins: Winter	72.302	72.302	1.352	1.352	76.2	44.643	0.000	0.000	23.4	50.797	0.461	OK
FSR: 100 years: +50 %: 60 mins: Summer	72.342	72.342	1.392	1.392	65.9	44.682	0.000	0.000	24.3	75.243	0.375	OK
FSR: 100 years: +50 %: 60 mins: Winter	72.516	72.516	1.566	1.566	59.3	46.484	1.652	0.000	22.6	84.162	-3.644	Flood
FSR: 100 years: +50 %: 120 mins: Summer	72.403	72.403	1.453	1.453	49.8	44.740	0.000	0.000	24.8	103.885	0.246	OK
FSR: 100 years: +50 %: 120 mins: Winter	72.504	72.504	1.554	1.554	40.6	45.215	0.383	0.000	26.4	116.183	-0.814	Flood
FSR: 100 years: +50 %: 240 mins: Summer	71.330	71.330	0.380	0.380	33.8	41.512	0.000	0.000	20.2	129.733	7.444	OK
FSR: 100 years: +50 %: 240 mins: Winter	71.298	71.298	0.348	0.348	25.4	38.046	0.000	0.000	19.9	145.023	15.170	OK
FSR: 100 years: +50 %: 360 mins: Summer	71.269	71.269	0.319	0.319	25.8	34.835	0.000	0.000	19.0	145.636	22.331	OK
FSR: 100 years: +50 %: 360 mins: Winter	71.232	71.232	0.282	0.282	19.0	30.841	0.000	0.000	16.9	162.668	31.236	OK
FSR: 100 years: +50 %: 480 mins: Summer	71.233	71.233	0.283	0.283	21.4	30.924	0.000	0.000	17.0	157.484	31.049	OK
FSR: 100 years: +50 %: 480 mins: Winter	71.195	71.195	0.245	0.245	15.5	26.814	0.000	0.000	14.3	175.755	40.214	OK
FSR: 100 years: +50 %: 960 mins: Summer	71.159	71.159	0.209	0.209	12.9	22.853	0.000	0.000	11.6	188.839	49.046	OK
FSR: 100 years: +50 %: 960 mins: Winter	71.126	71.126	0.176	0.176	9.3	19.207	0.000	0.000	9.0	210.663	57.175	OK

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FSR: 100 years: +50 %: 1440 mins:	71.125	71.125	0.175	0.175	9.5	19.106	0.000	0.000	8.9	209.199	57.400	OK
Summer												
FSR: 100 years: +50 %: 1440 mins:	71.095	71.095	0.145	0.145	6.8	15.824	0.000	0.000	6.7	233.391	64.719	OK
Winter												

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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**Summary Results for 1.003: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	SW6	MH S8	72.550	71.023	0.043	2.652	0.7	0.14	2.5	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	SW6	MH S8	72.550	71.031	0.046	3.080	0.7	0.16	2.9	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	SW6	MH S8	72.550	71.040	0.048	6.867	0.8	0.18	3.4	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	SW6	MH S8	72.550	71.050	0.051	7.896	0.8	0.22	3.9	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	SW6	MH S8	72.550	71.054	0.052	13.512	0.8	0.23	4.1	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	SW6	MH S8	72.550	71.063	0.055	15.317	0.8	0.26	4.7	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	SW6	MH S8	72.550	71.061	0.054	21.390	0.8	0.25	4.6	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	SW6	MH S8	72.550	71.066	0.055	23.941	0.8	0.27	4.9	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	SW6	MH S8	72.550	71.058	0.053	29.531	0.8	0.24	4.4	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	SW6	MH S8	72.550	71.056	0.052	32.974	0.8	0.24	4.3	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	SW6	MH S8	72.550	71.052	0.050	34.343	0.8	0.22	4.0	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	SW6	MH S8	72.550	71.046	0.048	38.322	0.8	0.2	3.7	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	SW6	MH S8	72.550	71.046	0.048	38.027	0.8	0.2	3.7	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	SW6	MH S8	72.550	71.038	0.045	42.487	0.7	0.18	3.2	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	SW6	MH S8	72.550	71.029	0.041	48.767	0.7	0.15	2.7	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	SW6	MH S8	72.550	71.019	0.037	54.338	0.7	0.12	2.2	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	SW6	MH S8	72.550	71.019	0.037	56.454	0.7	0.12	2.2	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	SW6	MH S8	72.550	71.008	0.033	62.810	0.6	0.1	1.8	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	SW6	MH S8	72.550	71.043	0.052	3.807	0.8	0.19	3.5	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	SW6	MH S8	72.550	71.054	0.055	4.436	0.8	0.23	4.1	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	SW6	MH S8	72.550	71.064	0.057	9.511	0.8	0.26	4.8	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	SW6	MH S8	72.550	71.076	0.061	10.930	0.9	0.31	5.6	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	SW6	MH S8	72.550	71.078	0.062	17.757	0.9	0.31	5.7	Surcharged
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	SW6	MH S8	72.550	71.089	0.064	20.099	0.9	0.36	6.5	Surcharged
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	SW6	MH S8	72.550	71.084	0.063	26.925	0.9	0.34	6.1	Surcharged
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	SW6	MH S8	72.550	71.089	0.064	30.171	0.9	0.35	6.4	Surcharged
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	SW6	MH S8	72.550	71.077	0.060	36.110	0.9	0.31	5.7	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	SW6	MH S8	72.550	71.074	0.058	40.321	0.9	0.3	5.4	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	SW6	MH S8	72.550	71.068	0.057	41.663	0.8	0.28	5.0	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
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FSR: 2 years: +0 %: 360 mins: Winter	Pipe	SW6	MH S8	72.550	71.061	0.053	46.520	0.8	0.25	4.6	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	SW6	MH S8	72.550	71.060	0.053	45.962	0.8	0.25	4.5	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	SW6	MH S8	72.550	71.051	0.050	51.324	0.8	0.22	4.0	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	SW6	MH S8	72.550	71.040	0.045	57.882	0.7	0.18	3.3	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	SW6	MH S8	72.550	71.028	0.041	64.622	0.7	0.15	2.7	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	SW6	MH S8	72.550	71.028	0.041	66.296	0.7	0.15	2.7	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	SW6	MH S8	72.550	71.015	0.036	73.995	0.6	0.11	2.1	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	SW6	MH S8	72.550	71.184	0.104	14.391	1.2	0.75	13.6	Surcharged
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	SW6	MH S8	72.550	71.205	0.111	16.444	1.2	0.84	15.2	Surcharged
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	SW6	MH S8	72.550	71.231	0.116	31.747	1.2	0.95	17.3	Surcharged
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	SW6	MH S8	72.550	71.257	0.125	35.926	1.3	1.03	18.8	Surcharged
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	SW6	MH S8	72.550	71.257	0.126	52.584	1.2	1.03	18.7	Surcharged
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	SW6	MH S8	72.550	71.280	0.134	59.078	1.3	1.07	19.5	Surcharged
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	SW6	MH S8	72.550	71.255	0.124	73.252	1.2	1.03	18.8	Surcharged
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	SW6	MH S8	72.550	71.255	0.123	81.970	1.2	1.04	18.9	Surcharged
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	SW6	MH S8	72.550	71.217	0.111	93.010	1.2	0.89	16.3	Surcharged
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	SW6	MH S8	72.550	71.200	0.104	103.917	1.2	0.83	15.0	Surcharged
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	SW6	MH S8	72.550	71.187	0.101	105.205	1.1	0.77	14.0	Surcharged
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	SW6	MH S8	72.550	71.164	0.092	117.362	1.1	0.67	12.3	Surcharged
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	SW6	MH S8	72.550	71.165	0.093	114.335	1.1	0.68	12.4	Surcharged
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	SW6	MH S8	72.550	71.141	0.083	127.669	1.0	0.57	10.4	Surcharged
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	SW6	MH S8	72.550	71.116	0.075	139.268	1.0	0.47	8.5	Surcharged
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	SW6	MH S8	72.550	71.091	0.065	155.360	0.9	0.36	6.6	Surcharged
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	SW6	MH S8	72.550	71.091	0.065	155.810	0.9	0.36	6.6	Surcharged
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	SW6	MH S8	72.550	71.067	0.056	173.972	0.8	0.27	5.0	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	SW6	MH S8	72.550	71.268	0.136	20.788	1.3	1.04	19.0	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	SW6	MH S8	72.550	71.300	0.150	22.991	1.3	1.11	20.2	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	SW6	MH S8	72.550	71.387	0.150	45.038	1.3	1.13	20.6	Surcharged
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	SW6	MH S8	72.550	72.289	0.150	50.341	1.3	1.24	22.5	Flood Risk
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	SW6	MH S8	72.550	72.332	0.150	75.085	1.3	1.24	22.5	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	SW6	MH S8	72.550	72.504	0.150	83.973	1.3	1.24	22.5	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	SW6	MH S8	72.550	72.391	0.150	103.809	1.3	1.24	22.5	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	SW6	MH S8	72.550	72.493	0.150	116.107	1.3	1.24	22.5	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	SW6	MH S8	72.550	71.320	0.150	129.703	1.3	1.12	20.3	Surcharged
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	SW6	MH S8	72.550	71.288	0.136	144.992	1.2	1.09	19.9	Surcharged

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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FSR: 100 years: +50 %: 360 mins: Summer	Pipe	SW6	MH S8	72.550	71.260	0.125	145.622	1.2	1.05	19.1	Surcharged
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	SW6	MH S8	72.550	71.225	0.113	162.654	1.2	0.93	16.9	Surcharged
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	SW6	MH S8	72.550	71.226	0.114	157.472	1.2	0.93	17.0	Surcharged
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	SW6	MH S8	72.550	71.190	0.101	175.743	1.1	0.79	14.3	Surcharged
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	SW6	MH S8	72.550	71.156	0.089	188.831	1.1	0.64	11.6	Surcharged
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	SW6	MH S8	72.550	71.123	0.077	210.656	1.0	0.5	9.0	Surcharged
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	SW6	MH S8	72.550	71.122	0.077	209.193	1.0	0.49	8.9	Surcharged
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	SW6	MH S8	72.550	71.093	0.065	233.385	0.9	0.37	6.7	Surcharged

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




**Summary Results for 2.000: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	SW2	SW3	72.800	71.622	0.053	1.018	0.4	0.05	2.3	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	SW2	SW3	72.800	71.623	0.055	1.138	0.4	0.05	2.4	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	SW2	SW3	72.800	71.619	0.043	1.385	0.4	0.04	1.6	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	SW2	SW3	72.800	71.619	0.044	1.553	0.4	0.04	1.7	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	SW2	SW3	72.800	71.618	0.040	1.847	0.4	0.03	1.5	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	SW2	SW3	72.800	71.617	0.038	2.069	0.4	0.03	1.3	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	SW2	SW3	72.800	71.616	0.035	2.423	0.4	0.03	1.1	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	SW2	SW3	72.800	71.615	0.031	2.711	0.3	0.02	0.9	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	SW2	SW3	72.800	71.614	0.030	3.138	0.3	0.02	0.8	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	SW2	SW3	72.800	71.612	0.026	3.522	0.3	0.01	0.6	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	SW2	SW3	72.800	71.612	0.026	3.648	0.3	0.01	0.6	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	SW2	SW3	72.800	71.611	0.023	4.038	0.3	0.01	0.5	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	SW2	SW3	72.800	71.611	0.024	3.996	0.3	0.01	0.5	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	SW2	SW3	72.800	71.610	0.021	4.494	0.3	0.01	0.4	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	SW2	SW3	72.800	71.609	0.019	5.112	0.3	0.01	0.4	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	SW2	SW3	72.800	71.608	0.017	5.676	0.2	0.01	0.3	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	SW2	SW3	72.800	71.608	0.017	6.036	0.2	0.01	0.3	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	SW2	SW3	72.800	71.607	0.015	6.606	0.2	0	0.2	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	SW2	SW3	72.800	71.625	0.061	1.324	0.4	0.07	3.0	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	SW2	SW3	72.800	71.626	0.062	1.477	0.5	0.07	3.2	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	SW2	SW3	72.800	71.621	0.049	1.786	0.4	0.05	2.1	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	SW2	SW3	72.800	71.622	0.050	2.002	0.4	0.05	2.2	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	SW2	SW3	72.800	71.620	0.045	2.339	0.4	0.04	1.9	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	SW2	SW3	72.800	71.619	0.043	2.621	0.4	0.04	1.7	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	SW2	SW3	72.800	71.618	0.039	3.011	0.4	0.03	1.4	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	SW2	SW3	72.800	71.616	0.035	3.365	0.4	0.03	1.1	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	SW2	SW3	72.800	71.615	0.033	3.858	0.4	0.02	1.0	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	SW2	SW3	72.800	71.613	0.028	4.296	0.3	0.02	0.7	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	SW2	SW3	72.800	71.613	0.029	4.392	0.3	0.02	0.8	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 2 years: +0 %: 360 mins: Winter	Pipe	SW2	SW3	72.800	71.612	0.025	4.920	0.3	0.01	0.6	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	SW2	SW3	72.800	71.612	0.026	4.842	0.3	0.01	0.7	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	SW2	SW3	72.800	71.611	0.023	5.400	0.3	0.01	0.5	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	SW2	SW3	72.800	71.610	0.021	6.072	0.3	0.01	0.4	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	SW2	SW3	72.800	71.609	0.018	6.864	0.3	0.01	0.3	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	SW2	SW3	72.800	71.609	0.018	6.936	0.2	0.01	0.3	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	SW2	SW3	72.800	71.608	0.016	7.764	0.2	0.01	0.2	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	SW2	SW3	72.800	71.641	0.107	3.495	0.6	0.18	8.0	OK
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	SW2	SW3	72.800	71.642	0.111	3.922	0.6	0.18	8.4	OK
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	SW2	SW3	72.800	71.634	0.083	4.781	0.6	0.12	5.5	OK
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	SW2	SW3	72.800	71.635	0.085	5.357	0.6	0.13	5.8	OK
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	SW2	SW3	72.800	71.633	0.077	6.252	0.6	0.11	5.0	OK
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	SW2	SW3	72.800	71.631	0.072	7.002	0.5	0.1	4.5	OK
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	SW2	SW3	72.800	71.628	0.065	7.944	0.5	0.08	3.8	OK
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	SW2	SW3	72.800	71.626	0.057	8.898	0.5	0.07	3.0	OK
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	SW2	SW3	72.800	71.624	0.052	9.816	0.5	0.06	2.5	OK
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	SW2	SW3	72.800	71.621	0.045	11.004	0.4	0.04	1.9	OK
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	SW2	SW3	72.800	71.621	0.046	11.076	0.4	0.04	2.0	OK
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	SW2	SW3	72.800	71.618	0.039	12.366	0.4	0.03	1.4	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	SW2	SW3	72.800	71.619	0.041	12.006	0.4	0.04	1.6	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	SW2	SW3	72.800	71.616	0.035	13.458	0.4	0.03	1.2	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	SW2	SW3	72.800	71.615	0.032	14.610	0.4	0.02	1.0	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	SW2	SW3	72.800	71.613	0.027	16.380	0.3	0.02	0.7	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	SW2	SW3	72.800	71.613	0.028	16.320	0.3	0.02	0.7	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	SW2	SW3	72.800	71.611	0.024	18.354	0.3	0.01	0.5	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	SW2	SW3	72.800	71.650	0.150	4.838	0.6	0.24	11.1	OK
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	SW2	SW3	72.800	71.696	0.150	5.430	0.5	0.19	8.7	OK
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	SW2	SW3	72.800	71.640	0.137	6.672	0.6	0.17	7.7	OK
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	SW2	SW3	72.800	72.328	0.150	7.482	0.6	0.18	8.1	Surcharged
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	SW2	SW3	72.800	72.372	0.150	8.793	0.6	0.15	7.0	Surcharged
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	SW2	SW3	72.800	72.544	0.150	9.862	0.6	0.14	6.3	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	SW2	SW3	72.800	72.430	0.150	11.192	0.6	0.12	5.3	Surcharged
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	SW2	SW3	72.800	72.531	0.150	12.531	0.5	0.09	4.3	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	SW2	SW3	72.800	71.628	0.063	13.662	0.5	0.08	3.6	OK
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	SW2	SW3	72.800	71.624	0.054	15.342	0.5	0.06	2.7	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 100 years: +50 %: 360 mins: Summer	Pipe	SW2	SW3	72.800	71.624	0.054	15.318	0.5	0.06	2.7	OK
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	SW2	SW3	72.800	71.621	0.046	17.142	0.4	0.04	2.0	OK
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	SW2	SW3	72.800	71.622	0.049	16.512	0.4	0.05	2.2	OK
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	SW2	SW3	72.800	71.619	0.041	18.486	0.4	0.04	1.6	OK
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	SW2	SW3	72.800	71.617	0.038	19.830	0.4	0.03	1.3	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	SW2	SW3	72.800	71.615	0.032	22.152	0.4	0.02	1.0	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	SW2	SW3	72.800	71.615	0.032	21.954	0.4	0.02	1.0	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	SW2	SW3	72.800	71.613	0.027	24.588	0.3	0.02	0.7	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




**Summary Results for 1.000: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	SW1	SW3	72.540	71.952	0.068	4.390	1.0	0.12	9.9	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	SW1	SW3	72.540	71.953	0.070	4.906	1.0	0.12	10.4	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	SW1	SW3	72.540	71.943	0.056	5.954	0.9	0.08	6.9	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	SW1	SW3	72.540	71.944	0.057	6.661	0.9	0.09	7.2	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	SW1	SW3	72.540	71.942	0.052	7.923	0.9	0.07	6.3	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	SW1	SW3	72.540	71.939	0.049	8.858	0.9	0.07	5.7	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	SW1	SW3	72.540	71.937	0.046	10.390	0.9	0.06	4.9	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	SW1	SW3	72.540	71.933	0.041	11.584	0.8	0.05	4.0	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	SW1	SW3	72.540	71.931	0.038	13.535	0.8	0.04	3.5	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	SW1	SW3	72.540	71.927	0.033	15.107	0.7	0.03	2.6	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	SW1	SW3	72.540	71.928	0.034	15.611	0.7	0.03	2.8	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	SW1	SW3	72.540	71.924	0.029	17.417	0.7	0.02	2.0	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	SW1	SW3	72.540	71.926	0.031	17.243	0.7	0.03	2.4	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	SW1	SW3	72.540	71.922	0.027	19.295	0.6	0.02	1.7	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	SW1	SW3	72.540	71.921	0.025	21.960	0.6	0.02	1.5	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	SW1	SW3	72.540	71.918	0.022	24.516	0.6	0.01	1.1	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	SW1	SW3	72.540	71.918	0.022	25.332	0.6	0.01	1.2	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	SW1	SW3	72.540	71.916	0.019	28.224	0.5	0.01	0.8	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	SW1	SW3	72.540	71.959	0.078	5.682	1.1	0.15	12.9	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	SW1	SW3	72.540	71.961	0.080	6.360	1.1	0.16	13.5	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	SW1	SW3	72.540	71.949	0.063	7.687	1.0	0.1	8.9	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	SW1	SW3	72.540	71.950	0.064	8.592	1.0	0.11	9.3	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	SW1	SW3	72.540	71.947	0.059	10.064	1.0	0.1	8.1	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	SW1	SW3	72.540	71.944	0.055	11.258	1.0	0.09	7.2	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	SW1	SW3	72.540	71.941	0.051	12.952	0.9	0.07	6.1	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	SW1	SW3	72.540	71.937	0.045	14.475	0.9	0.06	4.9	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	SW1	SW3	72.540	71.934	0.042	16.486	0.8	0.05	4.3	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	SW1	SW3	72.540	71.930	0.036	18.418	0.8	0.04	3.2	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	SW1	SW3	72.540	71.930	0.037	18.917	0.8	0.04	3.3	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 360 mins: Winter	Pipe	SW1	SW3	72.540	71.926	0.032	21.131	0.7	0.03	2.5	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	SW1	SW3	72.540	71.928	0.034	20.837	0.7	0.03	2.8	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	SW1	SW3	72.540	71.924	0.029	23.261	0.7	0.02	2.0	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	SW1	SW3	72.540	71.923	0.027	26.099	0.6	0.02	1.8	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	SW1	SW3	72.540	71.919	0.023	29.124	0.6	0.02	1.3	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	SW1	SW3	72.540	71.920	0.024	29.802	0.6	0.02	1.4	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	SW1	SW3	72.540	71.917	0.021	33.342	0.5	0.01	1.0	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	SW1	SW3	72.540	72.000	0.137	15.054	1.4	0.4	34.2	OK
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	SW1	SW3	72.540	72.003	0.141	16.818	1.4	0.43	35.9	OK
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	SW1	SW3	72.540	71.981	0.106	20.533	1.3	0.28	23.7	OK
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	SW1	SW3	72.540	71.984	0.109	22.938	1.3	0.29	24.9	OK
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	SW1	SW3	72.540	71.977	0.099	26.865	1.3	0.25	21.5	OK
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	SW1	SW3	72.540	71.973	0.093	30.025	1.2	0.23	19.3	OK
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	SW1	SW3	72.540	71.967	0.084	34.131	1.2	0.19	16.2	OK
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	SW1	SW3	72.540	71.960	0.074	38.124	1.1	0.15	13.0	OK
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	SW1	SW3	72.540	71.954	0.068	42.164	1.1	0.13	10.9	OK
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	SW1	SW3	72.540	71.947	0.058	47.154	1.0	0.1	8.2	OK
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	SW1	SW3	72.540	71.948	0.059	47.521	1.0	0.1	8.4	OK
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	SW1	SW3	72.540	71.941	0.050	53.068	0.9	0.07	6.2	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	SW1	SW3	72.540	71.944	0.054	51.623	1.0	0.08	7.0	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	SW1	SW3	72.540	71.937	0.045	57.700	0.9	0.06	5.1	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	SW1	SW3	72.540	71.934	0.042	62.801	0.8	0.05	4.3	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	SW1	SW3	72.540	71.929	0.036	70.127	0.8	0.04	3.1	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	SW1	SW3	72.540	71.930	0.036	70.331	0.8	0.04	3.2	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	SW1	SW3	72.540	71.925	0.031	78.437	0.7	0.03	2.3	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	SW1	SW3	72.540	72.021	0.224	20.794	1.2	0.56	47.1	OK
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	SW1	SW3	72.540	72.026	0.225	23.243	1.3	0.59	50.0	OK
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	SW1	SW3	72.540	71.998	0.166	28.694	1.3	0.39	33.2	OK
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	SW1	SW3	72.540	72.339	0.225	32.044	1.4	0.41	34.7	Flood Risk
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	SW1	SW3	72.540	72.376	0.225	37.789	1.4	0.36	30.3	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	SW1	SW3	72.540	72.543	0.225	42.225	1.3	0.32	27.2	Flood
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	SW1	SW3	72.540	72.439	0.225	48.058	1.3	0.27	22.8	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	SW1	SW3	72.540	72.540	0.225	53.726	1.2	0.22	18.3	Flood
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	SW1	SW3	72.540	71.965	0.082	58.754	1.2	0.18	15.2	OK
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	SW1	SW3	72.540	71.956	0.069	65.681	1.1	0.14	11.4	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 100 years: +50 %: 360 mins: Summer	Pipe	SW1	SW3	72.540	71.956	0.070	65.737	1.1	0.14	11.6	OK
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	SW1	SW3	72.540	71.948	0.060	73.500	1.0	0.1	8.6	OK
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	SW1	SW3	72.540	71.951	0.063	71.047	1.1	0.11	9.6	OK
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	SW1	SW3	72.540	71.944	0.053	79.361	1.0	0.08	7.0	OK
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	SW1	SW3	72.540	71.940	0.049	85.067	0.9	0.07	5.8	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	SW1	SW3	72.540	71.934	0.041	95.051	0.8	0.05	4.2	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	SW1	SW3	72.540	71.934	0.042	94.271	0.8	0.05	4.3	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	SW1	SW3	72.540	71.929	0.036	105.311	0.8	0.04	3.1	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for 1.002: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.025	0.085	2.806	0.2	0.05	2.4	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.033	0.093	3.245	0.3	0.06	2.8	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.042	0.102	7.008	0.3	0.07	3.4	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.052	0.112	8.045	0.3	0.08	3.9	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.056	0.116	13.614	0.2	0.09	4.1	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.065	0.125	15.423	0.2	0.1	4.7	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.063	0.123	21.451	0.2	0.1	4.6	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.067	0.127	24.003	0.2	0.1	4.9	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.060	0.120	29.556	0.2	0.09	4.4	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.058	0.118	32.999	0.2	0.09	4.3	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.053	0.113	34.356	0.2	0.08	4.0	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.048	0.108	38.336	0.2	0.08	3.7	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.047	0.107	38.038	0.2	0.08	3.7	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.040	0.100	42.498	0.2	0.07	3.2	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.031	0.091	48.781	0.2	0.06	2.7	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.020	0.081	54.349	0.2	0.05	2.2	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.020	0.080	56.470	0.2	0.05	2.2	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.010	0.070	62.832	0.2	0.04	1.8	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.045	0.105	3.990	0.3	0.07	3.5	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.055	0.115	4.633	0.3	0.09	4.1	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.066	0.126	9.672	0.3	0.1	4.8	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.078	0.138	11.101	0.3	0.12	5.6	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.080	0.140	17.868	0.2	0.12	5.7	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.092	0.151	20.214	0.2	0.14	6.5	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.086	0.146	26.989	0.2	0.13	6.1	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.091	0.151	30.236	0.2	0.14	6.4	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.079	0.139	36.135	0.2	0.12	5.7	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.076	0.136	40.347	0.2	0.11	5.4	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.070	0.130	41.677	0.2	0.11	5.0	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



FSR: 2 years: +0 %: 360 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.063	0.123	46.533	0.2	0.1	4.6	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.062	0.122	45.973	0.2	0.1	4.5	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.053	0.113	51.334	0.2	0.08	4.0	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.041	0.101	57.894	0.2	0.07	3.3	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.030	0.090	64.630	0.2	0.06	2.7	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.029	0.089	66.317	0.2	0.06	2.7	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.017	0.077	74.008	0.2	0.04	2.1	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.188	0.225	14.746	0.4	0.29	13.7	Surched
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.211	0.225	16.829	0.4	0.32	15.3	Surched
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.238	0.225	32.015	0.4	0.36	17.2	Surched
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.266	0.225	36.211	0.5	0.4	18.8	Surched
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.265	0.225	52.735	0.5	0.39	18.7	Surched
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.290	0.225	59.237	0.5	0.41	19.5	Surched
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.263	0.225	73.327	0.5	0.4	18.8	Surched
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.263	0.225	82.047	0.5	0.4	18.8	Surched
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.223	0.225	93.039	0.4	0.34	16.3	Surched
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.206	0.225	103.946	0.4	0.32	15.1	Surched
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.192	0.225	105.220	0.4	0.3	14.0	Surched
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.168	0.225	117.377	0.3	0.26	12.3	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.169	0.225	114.346	0.3	0.26	12.4	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.143	0.203	127.680	0.3	0.22	10.4	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.119	0.178	139.275	0.3	0.18	8.5	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.093	0.153	155.367	0.2	0.14	6.6	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.093	0.153	155.817	0.2	0.14	6.6	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.069	0.129	173.978	0.2	0.11	5.0	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.276	0.225	21.237	0.5	0.4	18.8	Surched
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.309	0.225	23.484	0.5	0.42	19.9	Surched
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.398	0.225	45.382	0.5	0.43	20.2	Surched
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	Cellular Storage	SW6	72.500	72.302	0.225	50.682	0.6	0.49	23.4	Surched
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	Cellular Storage	SW6	72.500	72.342	0.225	75.243	0.6	0.51	24.3	Surched
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	Cellular Storage	SW6	72.500	72.516	0.225	84.143	0.6	0.48	22.6	Flood
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	Cellular Storage	SW6	72.500	72.403	0.225	103.885	0.6	0.52	24.8	Surched
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	Cellular Storage	SW6	72.500	72.504	0.225	116.183	0.7	0.56	26.4	Flood
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.330	0.225	129.733	0.5	0.43	20.2	Surched
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.298	0.225	145.023	0.5	0.42	19.9	Surched

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




FSR: 100 years: +50 %: 360 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.269	0.225	145.636	0.5	0.4	19.0	Surcharged
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.232	0.225	162.668	0.4	0.36	16.9	Surcharged
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.233	0.225	157.484	0.4	0.36	17.0	Surcharged
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.195	0.225	175.755	0.4	0.3	14.3	Surcharged
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.159	0.219	188.839	0.3	0.24	11.6	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.126	0.185	210.663	0.3	0.19	9.0	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	Cellular Storage	SW6	72.500	71.125	0.185	209.199	0.3	0.19	8.9	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	Cellular Storage	SW6	72.500	71.095	0.155	233.391	0.2	0.14	6.7	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for 1.001: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.375	0.061	5.657	1.4	0.25	12.0	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.376	0.064	6.299	1.3	0.26	12.6	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.358	0.068	7.672	1.2	0.18	8.9	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.360	0.072	8.550	1.2	0.19	9.3	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.353	0.073	10.197	1.0	0.17	8.1	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.349	0.079	11.363	0.9	0.15	7.3	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.344	0.077	13.360	0.7	0.13	6.3	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.338	0.078	14.837	0.8	0.1	5.1	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.336	0.073	17.373	0.6	0.09	4.5	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.329	0.071	19.317	0.6	0.07	3.4	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.330	0.069	20.038	0.6	0.07	3.6	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.324	0.065	22.258	0.6	0.05	2.6	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.327	0.065	22.105	0.6	0.06	3.0	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.321	0.060	24.625	0.5	0.04	2.2	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.320	0.054	28.237	0.5	0.04	1.9	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.315	0.048	31.321	0.4	0.03	1.4	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.316	0.048	32.723	0.5	0.03	1.5	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.313	0.041	36.185	0.4	0.02	1.1	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.387	0.073	7.326	1.4	0.32	15.6	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.388	0.079	8.160	1.4	0.34	16.4	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.367	0.083	9.904	1.2	0.24	11.4	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.369	0.088	11.028	1.2	0.25	11.9	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.361	0.089	12.950	1.0	0.21	10.3	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.356	0.095	14.421	0.9	0.19	9.3	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.351	0.091	16.634	0.8	0.16	7.9	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.344	0.092	18.513	0.8	0.13	6.3	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.340	0.085	21.185	0.7	0.11	5.5	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.333	0.082	23.555	0.7	0.08	4.1	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.334	0.079	24.270	0.6	0.09	4.3	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 2 years: +0 %: 360 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.328	0.074	27.006	0.6	0.07	3.2	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.330	0.074	26.714	0.6	0.07	3.6	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.324	0.068	29.720	0.6	0.05	2.6	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.322	0.061	33.488	0.5	0.05	2.3	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.318	0.053	37.292	0.5	0.03	1.7	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.318	0.053	38.363	0.5	0.04	1.7	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.314	0.045	42.647	0.4	0.03	1.3	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.464	0.159	19.314	1.5	0.86	41.5	OK
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.470	0.174	21.478	1.5	0.9	43.4	OK
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.421	0.182	26.332	1.3	0.63	30.4	OK
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.425	0.197	29.292	1.3	0.66	31.8	OK
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.411	0.198	34.440	1.1	0.57	27.6	OK
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.403	0.210	38.337	1.1	0.51	24.7	OK
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.392	0.195	43.767	1.0	0.43	20.8	OK
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.379	0.194	48.733	1.0	0.34	16.6	OK
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.371	0.170	54.092	0.9	0.29	14.0	OK
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.359	0.159	60.266	0.8	0.22	10.5	OK
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.360	0.152	60.990	0.8	0.22	10.8	OK
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.350	0.137	67.819	0.7	0.16	7.9	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.354	0.139	66.206	0.8	0.19	9.0	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.344	0.123	73.725	0.7	0.13	6.5	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.339	0.108	80.521	0.7	0.11	5.5	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.332	0.092	89.581	0.6	0.08	3.9	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.333	0.092	90.087	0.6	0.08	4.1	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.326	0.078	100.317	0.5	0.06	2.9	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.619	0.225	26.430	1.5	1.11	53.8	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.678	0.225	29.406	1.6	1.19	57.4	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.524	0.225	36.590	1.4	0.83	40.2	Surcharged
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	SW3	Cellular Storage	72.540	72.327	0.225	40.789	1.4	0.9	43.5	Flood Risk
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	SW3	Cellular Storage	72.540	72.370	0.225	48.356	1.2	0.78	37.5	Flood Risk
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	SW3	Cellular Storage	72.540	72.538	0.225	53.879	1.2	0.7	33.8	Flood Risk
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	SW3	Cellular Storage	72.540	72.429	0.225	61.603	1.1	0.59	28.4	Flood Risk
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	SW3	Cellular Storage	72.540	72.530	0.225	68.641	1.1	0.48	23.3	Flood Risk
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.389	0.225	75.285	0.9	0.4	19.5	OK
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.373	0.211	83.952	0.9	0.3	14.6	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




FSR: 100 years: +50 %: 360 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.374	0.196	84.318	0.9	0.31	14.9	OK
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.361	0.175	93.938	0.8	0.23	11.0	OK
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.366	0.176	91.093	0.8	0.26	12.4	OK
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.353	0.153	101.365	0.7	0.18	8.9	OK
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.348	0.132	109.124	0.7	0.15	7.4	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.339	0.112	121.395	0.6	0.11	5.3	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	SW3	Cellular Storage	72.540	71.339	0.112	120.887	0.7	0.11	5.5	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	SW3	Cellular Storage	72.540	71.332	0.093	134.513	0.5	0.08	3.9	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Summary Results for Ex pipe: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	MH S8	Manhole	72.860	70.905	0.054	5.562	0.6	0.03	6.3	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	MH S8	Manhole	72.860	70.904	0.053	5.968	0.6	0.03	6.2	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	MH S8	Manhole	72.860	70.906	0.056	10.911	0.6	0.03	6.9	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	MH S8	Manhole	72.860	70.906	0.056	11.932	0.6	0.03	6.9	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	MH S8	Manhole	72.860	70.907	0.057	19.025	0.6	0.03	7.2	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	MH S8	Manhole	72.860	70.906	0.056	20.799	0.6	0.03	6.9	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	MH S8	Manhole	72.860	70.906	0.055	28.697	0.6	0.03	6.8	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	MH S8	Manhole	72.860	70.905	0.055	31.258	0.6	0.03	6.6	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	MH S8	Manhole	72.860	70.903	0.053	39.124	0.6	0.03	6.1	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	MH S8	Manhole	72.860	70.901	0.051	42.560	0.6	0.03	5.6	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	MH S8	Manhole	72.860	70.900	0.050	45.413	0.6	0.03	5.5	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	MH S8	Manhole	72.860	70.897	0.047	49.393	0.5	0.02	4.8	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	MH S8	Manhole	72.860	70.898	0.048	50.282	0.6	0.02	4.9	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	MH S8	Manhole	72.860	70.894	0.044	54.766	0.5	0.02	4.2	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	MH S8	Manhole	72.860	70.891	0.041	64.438	0.5	0.02	3.7	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	MH S8	Manhole	72.860	70.887	0.037	70.020	0.5	0.01	2.9	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	MH S8	Manhole	72.860	70.887	0.037	74.609	0.5	0.01	3.0	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	MH S8	Manhole	72.860	70.883	0.033	80.965	0.4	0.01	2.3	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	MH S8	Manhole	72.860	70.913	0.062	7.582	0.6	0.04	8.5	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	MH S8	Manhole	72.860	70.913	0.062	8.193	0.6	0.04	8.4	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	MH S8	Manhole	72.860	70.915	0.065	14.752	0.7	0.04	9.3	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	MH S8	Manhole	72.860	70.915	0.065	16.155	0.7	0.04	9.3	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	MH S8	Manhole	72.860	70.916	0.065	24.785	0.7	0.05	9.5	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	MH S8	Manhole	72.860	70.915	0.065	27.114	0.7	0.04	9.3	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	MH S8	Manhole	72.860	70.914	0.063	36.046	0.7	0.04	8.9	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	MH S8	Manhole	72.860	70.913	0.062	39.297	0.6	0.04	8.6	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	MH S8	Manhole	72.860	70.910	0.059	47.826	0.6	0.04	7.8	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	MH S8	Manhole	72.860	70.907	0.057	52.043	0.6	0.03	7.1	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	MH S8	Manhole	72.860	70.906	0.056	55.074	0.6	0.03	6.8	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 2 years: +0 %: 360 mins: Winter	Pipe	MH S8	Manhole	72.860	70.902	0.052	59.948	0.6	0.03	6.0	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	MH S8	Manhole	72.860	70.903	0.053	60.736	0.6	0.03	6.1	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	MH S8	Manhole	72.860	70.899	0.049	66.104	0.6	0.02	5.2	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	MH S8	Manhole	72.860	70.895	0.045	76.481	0.5	0.02	4.4	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	MH S8	Manhole	72.860	70.890	0.040	83.215	0.5	0.02	3.5	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	MH S8	Manhole	72.860	70.891	0.041	87.565	0.5	0.02	3.6	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	MH S8	Manhole	72.860	70.886	0.036	95.282	0.5	0.01	2.7	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	MH S8	Manhole	72.860	70.962	0.109	24.521	0.9	0.12	25.9	OK
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	MH S8	Manhole	72.860	70.961	0.109	26.526	0.9	0.12	25.7	OK
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	MH S8	Manhole	72.860	70.966	0.114	45.928	0.9	0.14	28.9	OK
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	MH S8	Manhole	72.860	70.968	0.115	50.072	0.9	0.14	29.4	OK
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	MH S8	Manhole	72.860	70.968	0.116	71.485	0.9	0.14	29.7	OK
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	MH S8	Manhole	72.860	70.964	0.112	77.967	0.9	0.13	27.8	OK
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	MH S8	Manhole	72.860	70.962	0.110	97.421	0.9	0.13	26.7	OK
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	MH S8	Manhole	72.860	70.958	0.106	106.141	0.9	0.12	25.2	OK
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	MH S8	Manhole	72.860	70.951	0.100	122.965	0.8	0.11	22.3	OK
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	MH S8	Manhole	72.860	70.945	0.094	133.863	0.8	0.09	19.6	OK
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	MH S8	Manhole	72.860	70.943	0.092	138.945	0.8	0.09	19.0	OK
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	MH S8	Manhole	72.860	70.935	0.084	151.129	0.8	0.08	15.9	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	MH S8	Manhole	72.860	70.937	0.086	150.991	0.8	0.08	16.6	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	MH S8	Manhole	72.860	70.928	0.077	164.367	0.7	0.06	13.4	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	MH S8	Manhole	72.860	70.922	0.071	183.882	0.7	0.05	11.3	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	MH S8	Manhole	72.860	70.912	0.062	199.933	0.6	0.04	8.5	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	MH S8	Manhole	72.860	70.913	0.063	205.669	0.7	0.04	8.8	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	MH S8	Manhole	72.860	70.904	0.054	223.879	0.6	0.03	6.4	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	MH S8	Manhole	72.860	70.982	0.128	34.847	1.0	0.17	35.6	OK
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	MH S8	Manhole	72.860	70.982	0.129	36.974	1.0	0.17	35.8	OK
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	MH S8	Manhole	72.860	70.989	0.136	64.879	1.0	0.19	40.7	OK
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	MH S8	Manhole	72.860	70.988	0.136	70.133	1.0	0.19	40.1	OK
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	MH S8	Manhole	72.860	70.989	0.136	101.729	1.0	0.19	40.4	OK
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	MH S8	Manhole	72.860	70.982	0.130	110.589	1.0	0.18	37.1	OK
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	MH S8	Manhole	72.860	70.980	0.127	137.870	1.0	0.17	35.6	OK
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	MH S8	Manhole	72.860	70.974	0.122	150.207	0.9	0.16	33.0	OK
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	MH S8	Manhole	72.860	70.967	0.115	171.460	0.9	0.14	29.2	OK
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	MH S8	Manhole	72.860	70.960	0.108	186.740	0.9	0.12	26.1	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




FSR: 100 years: +50 %: 360 mins: Summer	Pipe	MH S8	Manhole	72.860	70.959	0.108	192.351	0.9	0.12	25.9	OK
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	MH S8	Manhole	72.860	70.950	0.099	209.406	0.8	0.1	21.9	OK
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	MH S8	Manhole	72.860	70.952	0.101	207.960	0.9	0.11	22.8	OK
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	MH S8	Manhole	72.860	70.942	0.091	226.260	0.8	0.09	18.5	OK
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	MH S8	Manhole	72.860	70.934	0.083	249.327	0.8	0.07	15.5	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	MH S8	Manhole	72.860	70.923	0.072	271.159	0.7	0.06	11.6	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	MH S8	Manhole	72.860	70.924	0.073	276.194	0.7	0.06	11.9	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	MH S8	Manhole	72.860	70.913	0.062	300.356	0.6	0.04	8.7	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
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Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




**Summary Results for Pipe: Rank By: Max. Flow**

Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
FSR: 1 years: +0 %: 15 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.274	0.055	1.938	0.7	0.28	4.0	OK
FSR: 1 years: +0 %: 15 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.272	0.054	1.939	0.7	0.26	3.8	OK
FSR: 1 years: +0 %: 30 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.266	0.052	2.630	0.6	0.21	3.0	OK
FSR: 1 years: +0 %: 30 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.264	0.051	2.637	0.6	0.2	2.9	OK
FSR: 1 years: +0 %: 60 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.264	0.051	3.502	0.6	0.19	2.8	OK
FSR: 1 years: +0 %: 60 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.259	0.047	3.490	0.5	0.16	2.2	OK
FSR: 1 years: +0 %: 120 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.258	0.047	4.582	0.5	0.15	2.2	OK
FSR: 1 years: +0 %: 120 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.252	0.043	4.582	0.4	0.11	1.6	OK
FSR: 1 years: +0 %: 240 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.252	0.042	5.960	0.4	0.11	1.5	OK
FSR: 1 years: +0 %: 240 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.246	0.038	5.954	0.3	0.07	1.0	OK
FSR: 1 years: +0 %: 360 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.248	0.039	6.859	0.3	0.08	1.2	OK
FSR: 1 years: +0 %: 360 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.243	0.035	6.852	0.3	0.06	0.8	OK
FSR: 1 years: +0 %: 480 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.246	0.037	7.602	0.3	0.07	1.0	OK
FSR: 1 years: +0 %: 480 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.241	0.033	7.631	0.2	0.05	0.7	OK
FSR: 1 years: +0 %: 960 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.241	0.031	9.718	0.3	0.05	0.7	OK
FSR: 1 years: +0 %: 960 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.237	0.027	9.724	0.2	0.03	0.4	OK
FSR: 1 years: +0 %: 1440 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.238	0.028	11.217	0.2	0.04	0.5	OK
FSR: 1 years: +0 %: 1440 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.234	0.024	11.229	0.2	0.02	0.3	OK
FSR: 2 years: +0 %: 15 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.283	0.064	2.507	0.7	0.36	5.2	OK
FSR: 2 years: +0 %: 15 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.281	0.062	2.511	0.7	0.34	4.9	OK
FSR: 2 years: +0 %: 30 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.272	0.059	3.394	0.6	0.27	3.9	OK
FSR: 2 years: +0 %: 30 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.271	0.058	3.394	0.6	0.25	3.7	OK
FSR: 2 years: +0 %: 60 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.270	0.058	4.452	0.6	0.25	3.6	OK
FSR: 2 years: +0 %: 60 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.264	0.054	4.452	0.5	0.2	2.9	OK
FSR: 2 years: +0 %: 120 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.263	0.053	5.705	0.5	0.19	2.7	OK
FSR: 2 years: +0 %: 120 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.256	0.049	5.705	0.4	0.14	2.0	OK
FSR: 2 years: +0 %: 240 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.255	0.047	7.269	0.4	0.13	1.9	OK
FSR: 2 years: +0 %: 240 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.249	0.043	7.256	0.3	0.09	1.3	OK
FSR: 2 years: +0 %: 360 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.251	0.043	8.305	0.4	0.1	1.5	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 2 years: +0 %: 360 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.245	0.039	8.317	0.3	0.07	1.0	OK
FSR: 2 years: +0 %: 480 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.248	0.041	9.174	0.3	0.09	1.2	OK
FSR: 2 years: +0 %: 480 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.243	0.036	9.156	0.3	0.06	0.8	OK
FSR: 2 years: +0 %: 960 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.242	0.034	11.530	0.3	0.05	0.8	OK
FSR: 2 years: +0 %: 960 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.238	0.030	11.542	0.2	0.04	0.5	OK
FSR: 2 years: +0 %: 1440 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.240	0.031	13.197	0.2	0.04	0.6	OK
FSR: 2 years: +0 %: 1440 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.236	0.026	13.233	0.2	0.03	0.4	OK
FSR: 30 years: +40 %: 15 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.344	0.118	6.634	0.9	0.95	13.7	OK
FSR: 30 years: +40 %: 15 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.337	0.114	6.637	0.9	0.9	13.1	OK
FSR: 30 years: +40 %: 30 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.314	0.106	9.053	0.8	0.72	10.4	OK
FSR: 30 years: +40 %: 30 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.310	0.104	9.053	0.8	0.68	9.8	OK
FSR: 30 years: +40 %: 60 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.308	0.103	11.853	0.8	0.66	9.5	OK
FSR: 30 years: +40 %: 60 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.296	0.096	11.854	0.7	0.53	7.6	OK
FSR: 30 years: +40 %: 120 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.293	0.093	15.043	0.7	0.49	7.1	OK
FSR: 30 years: +40 %: 120 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.280	0.083	15.043	0.5	0.36	5.1	OK
FSR: 30 years: +40 %: 240 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.278	0.080	18.567	0.5	0.33	4.8	OK
FSR: 30 years: +40 %: 240 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.267	0.070	18.566	0.4	0.22	3.2	OK
FSR: 30 years: +40 %: 360 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.270	0.072	20.916	0.5	0.26	3.7	OK
FSR: 30 years: +40 %: 360 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.260	0.063	20.927	0.4	0.17	2.4	OK
FSR: 30 years: +40 %: 480 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.266	0.066	22.714	0.4	0.21	3.1	OK
FSR: 30 years: +40 %: 480 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.256	0.057	22.737	0.3	0.14	2.0	OK
FSR: 30 years: +40 %: 960 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.255	0.054	27.649	0.3	0.13	1.9	OK
FSR: 30 years: +40 %: 960 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.248	0.046	27.612	0.3	0.08	1.2	OK
FSR: 30 years: +40 %: 1440 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.250	0.047	30.917	0.3	0.1	1.4	OK
FSR: 30 years: +40 %: 1440 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.244	0.040	30.916	0.2	0.06	0.9	OK
FSR: 100 years: +50 %: 15 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.499	0.150	9.152	0.9	1.16	16.8	Surcharged
FSR: 100 years: +50 %: 15 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.447	0.150	9.158	0.9	1.11	16.0	Surcharged
FSR: 100 years: +50 %: 30 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.348	0.134	12.636	0.9	1.01	14.6	OK
FSR: 100 years: +50 %: 30 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.336	0.128	12.648	0.9	0.95	13.7	OK
FSR: 100 years: +50 %: 60 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.333	0.127	16.675	0.9	0.92	13.3	OK
FSR: 100 years: +50 %: 60 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.316	0.114	16.673	0.8	0.74	10.7	OK
FSR: 100 years: +50 %: 120 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.311	0.111	21.175	0.7	0.7	10.0	OK
FSR: 100 years: +50 %: 120 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.294	0.098	21.201	0.6	0.5	7.2	OK
FSR: 100 years: +50 %: 240 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.291	0.094	25.882	0.6	0.46	6.7	OK
FSR: 100 years: +50 %: 240 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.276	0.083	25.894	0.5	0.31	4.5	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connections Summary Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			

FSR: 100 years: +50 %: 360 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.280	0.085	28.958	0.5	0.36	5.1	OK
FSR: 100 years: +50 %: 360 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.268	0.074	28.969	0.4	0.23	3.4	OK
FSR: 100 years: +50 %: 480 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.274	0.078	31.278	0.5	0.29	4.2	OK
FSR: 100 years: +50 %: 480 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.263	0.067	31.295	0.4	0.19	2.8	OK
FSR: 100 years: +50 %: 960 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.261	0.063	37.472	0.4	0.18	2.6	OK
FSR: 100 years: +50 %: 960 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.253	0.053	37.465	0.3	0.11	1.7	OK
FSR: 100 years: +50 %: 1440 mins: Summer	Pipe	Manhole (1)	MH S8	72.890	71.255	0.055	41.526	0.3	0.13	1.9	OK
FSR: 100 years: +50 %: 1440 mins: Winter	Pipe	Manhole (1)	MH S8	72.890	71.248	0.046	41.471	0.3	0.08	1.2	OK

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**SW2**  
Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	0.7	0.013	0.001	0.000	0.7
10	1.2	0.016	0.001	0.000	1.2
15	1.4	0.017	0.001	0.000	1.4
20	2.4	0.023	0.002	0.000	2.4
25	4.3	0.030	0.002	0.000	4.3
30	6.3	0.037	0.003	0.000	6.3
35	6.3	0.036	0.003	0.000	6.3
40	4.4	0.944	0.067	0.000	4.7
45	2.4	0.936	0.066	0.000	2.4
50	1.4	0.931	0.066	0.000	1.4
55	1.2	0.915	0.065	0.000	1.2
60	0.8	0.201	0.014	0.000	4.5
65	0.0	0.004	0.000	0.000	0.1
70	0.0	0.001	0.000	0.000	0.0
75	0.0	0.001	0.000	0.000	0.0
80	0.0	0.001	0.000	0.000	0.0
85	0.0	0.000	0.000	0.000	0.0
90	0.0	0.000	0.000	0.000	0.0
95	0.0	0.000	0.000	0.000	0.0
100	0.0	0.000	0.000	0.000	0.0
105	0.0	0.000	0.000	0.000	0.0
110	0.0	0.000	0.000	0.000	0.0
115	0.0	0.000	0.000	0.000	0.0
120	0.0	0.000	0.000	0.000	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**SW6**  
Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	0.1	0.002	0.002	0.000	0.0
10	0.9	0.050	0.056	0.000	0.7
15	2.0	0.080	0.091	0.000	1.9
20	4.1	0.120	0.136	0.000	3.8
25	8.7	0.188	0.213	0.000	8.3
30	16.0	0.287	0.325	0.000	15.6
35	20.5	0.394	0.446	0.000	20.1
40	22.6	1.567	1.772	0.000	22.5
45	22.5	1.576	1.783	0.000	22.5
50	22.5	1.568	1.773	0.000	22.5
55	22.5	1.530	1.730	0.000	22.5
60	18.4	0.837	0.947	0.000	22.5
65	20.2	0.388	0.439	0.000	20.4
70	19.4	0.336	0.380	0.000	19.6
75	16.4	0.289	0.327	0.000	16.6
80	13.4	0.250	0.283	0.000	13.6
85	10.9	0.219	0.248	0.000	11.0
90	8.8	0.192	0.218	0.000	8.9
95	7.1	0.171	0.193	0.000	7.2
100	5.9	0.153	0.174	0.000	6.0
105	4.9	0.139	0.157	0.000	5.0
110	4.1	0.127	0.143	0.000	4.2
115	3.5	0.116	0.131	0.000	3.6
120	3.0	0.107	0.121	0.000	3.1

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**MH S8**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 30 mins: Summer**

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	3.7	0.035	0.040	0.000	2.5
10	7.7	0.057	0.065	0.000	7.0
15	29.8	0.114	0.129	0.000	27.2
20	41.0	0.139	0.158	0.000	40.7
25	28.3	0.116	0.132	0.000	29.7
30	24.6	0.107	0.121	0.000	24.8
35	20.9	0.098	0.111	0.000	21.3
40	18.9	0.093	0.106	0.000	19.2
45	15.7	0.085	0.096	0.000	16.1
50	12.8	0.077	0.087	0.000	13.1
55	10.4	0.069	0.078	0.000	10.6
60	8.4	0.063	0.071	0.000	8.6

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**SW1**  
Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	3.2	0.029	0.005	0.000	3.1
10	5.2	0.038	0.006	0.000	5.1
15	6.0	0.040	0.006	0.000	5.9
20	10.2	0.053	0.008	0.000	10.2
25	18.5	0.071	0.011	0.000	18.4
30	27.1	0.087	0.014	0.000	27.0
35	27.2	0.087	0.014	0.000	27.2
40	18.7	0.641	0.789	0.687	6.1
45	10.4	0.643	2.735	2.633	8.4
50	6.0	0.642	2.375	2.273	10.6
55	5.2	0.640	0.172	0.070	16.0
60	3.2	0.029	0.005	0.000	3.3
65	0.0	0.008	0.001	0.000	0.2
70	0.0	0.001	0.000	0.000	0.0
75	0.0	0.001	0.000	0.000	0.0
80	0.0	0.001	0.000	0.000	0.0
85	0.0	0.000	0.000	0.000	0.0
90	0.0	0.000	0.000	0.000	0.0
95	0.0	0.000	0.000	0.000	0.0
100	0.0	0.000	0.000	0.000	0.0
105	0.0	0.000	0.000	0.000	0.0
110	0.0	0.000	0.000	0.000	0.0
115	0.0	0.000	0.000	0.000	0.0
120	0.0	0.000	0.000	0.000	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**SW3**  
Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	3.9	0.048	0.008	0.000	3.4
10	6.6	0.060	0.010	0.000	6.4
15	7.6	0.061	0.010	0.000	7.6
20	13.0	0.078	0.012	0.000	12.5
25	23.5	0.109	0.017	0.000	22.8
30	34.5	0.139	0.022	0.000	33.8
35	34.8	0.209	0.033	0.000	32.9
40	11.7	1.248	0.198	0.000	15.0
45	11.3	1.245	0.198	0.000	11.3
50	12.3	1.241	0.197	0.000	12.3
55	17.5	1.225	0.195	0.000	17.5
60	7.9	0.506	0.080	0.000	11.7
65	0.3	0.033	0.005	0.000	2.5
70	0.0	0.008	0.001	0.000	0.1
75	0.0	0.005	0.001	0.000	0.0
80	0.0	0.004	0.001	0.000	0.0
85	0.0	0.004	0.001	0.000	0.0
90	0.0	0.003	0.001	0.000	0.0
95	0.0	0.003	0.000	0.000	0.0
100	0.0	0.003	0.000	0.000	0.0
105	0.0	0.002	0.000	0.000	0.0
110	0.0	0.002	0.000	0.000	0.0
115	0.0	0.002	0.000	0.000	0.0
120	0.0	0.002	0.000	0.000	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Manhole**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 30 mins: Summer**

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	2.5	0.034	0.000	0.000	2.5
10	7.0	0.056	0.000	0.000	7.1
15	27.2	0.109	0.000	0.000	27.2
20	40.7	0.134	0.000	0.000	40.7
25	29.7	0.114	0.000	0.000	29.6
30	24.8	0.104	0.000	0.000	24.8
35	21.3	0.096	0.000	0.000	21.3
40	19.2	0.092	0.000	0.000	19.2
45	16.1	0.084	0.000	0.000	16.0
50	13.1	0.076	0.000	0.000	13.1
55	10.6	0.069	0.000	0.000	10.6
60	8.6	0.062	0.000	0.000	8.6

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Manhole (1)**

**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 15 mins: Summer**

Type : Manhole

**Tables**

Time (mins)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	4.7	0.057	0.064	0.000	4.1
10	21.1	0.280	0.317	0.000	16.8
15	4.8	0.072	0.081	0.000	6.8
20	0.0	0.024	0.027	0.000	0.9
25	0.0	0.007	0.008	0.000	0.1
30	0.0	0.005	0.005	0.000	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Stormwater Control Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Cellular Storage**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter**

Type : Cellular Storage

**Tables**

Time (mins)	Total Inflow (L/s)	Depth( m )	Resident Volume( m <sup>3</sup> )	Flooded Volume (m <sup>3</sup> )	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	6.3	0.007	0.747	0.000	0.1
10	11.3	0.030	3.279	0.000	0.9
15	13.2	0.060	6.563	0.000	2.0
20	22.2	0.100	10.914	0.000	4.1
25	40.2	0.169	18.376	0.000	8.7
30	59.3	0.272	29.578	0.000	16.0
35	58.5	0.383	41.771	0.000	20.5
40	32.6	1.557	45.437	0.605	22.6
45	21.1	1.566	46.484	1.652	22.5
50	18.0	1.557	45.573	0.742	22.5
55	22.4	1.520	44.803	0.000	22.5
60	14.7	0.824	44.142	0.000	18.4
65	2.5	0.376	41.141	0.000	20.2
70	0.1	0.323	35.329	0.000	19.4
75	0.0	0.274	29.955	0.000	16.4
80	0.0	0.233	25.494	0.000	13.4
85	0.0	0.200	21.836	0.000	10.9
90	0.0	0.173	18.905	0.000	8.8
95	0.0	0.151	16.530	0.000	7.1
100	0.0	0.133	14.583	0.000	5.9
105	0.0	0.119	12.970	0.000	4.9
110	0.0	0.106	11.617	0.000	4.1
115	0.0	0.096	10.472	0.000	3.5
120	0.0	0.087	9.486	0.000	3.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



1.003

Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 60 mins: Winter

Type : Pipe

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.011	0.0
10	0.030	0.7
15	0.041	1.8
20	0.057	3.7
25	0.086	8.1
30	0.123	15.4
35	0.150	20.0
40	0.150	22.5
45	0.150	22.5
50	0.150	22.5
55	0.150	22.5
60	0.150	22.5
65	0.129	20.4
70	0.118	19.7
75	0.104	16.6
80	0.092	13.6
85	0.081	11.0
90	0.072	8.9
95	0.064	7.3
100	0.058	6.0
105	0.053	5.0
110	0.048	4.2
115	0.044	3.6
120	0.041	3.1

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**2.000**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 15 mins: Summer**

Type : Pipe

**Tables**

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.055	2.4
10	0.150	11.1
15	0.058	2.7
20	0.018	0.2
25	0.004	0.0
30	0.003	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



1.000

Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 15 mins: Winter

Type : Pipe

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.080	13.2
10	0.225	50.0
15	0.084	14.4
20	0.024	0.7
25	0.004	0.0
30	0.003	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



1.002

Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 120 mins: Winter

Type : Pipe

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.015	0.3
15	0.040	0.8
20	0.057	1.4
25	0.073	2.0
30	0.090	2.8
35	0.109	3.9
40	0.135	5.5
45	0.170	7.9
50	0.215	11.3
55	0.225	15.2
60	0.225	18.6
65	0.225	20.2
70	0.225	26.4
75	0.225	24.1
80	0.225	22.5
85	0.225	21.9
90	0.225	20.5
95	0.225	19.0
100	0.225	20.2
105	0.225	19.6
110	0.225	18.5
115	0.225	16.6
120	0.225	14.4
125	0.225	12.1
130	0.196	9.8
135	0.172	7.9
140	0.152	6.5
145	0.136	5.4
150	0.123	4.5
155	0.111	3.8
160	0.102	3.3
165	0.093	2.8
170	0.086	2.5
175	0.080	2.2
180	0.074	1.9
185	0.069	1.7
190	0.064	1.5
195	0.060	1.4
200	0.057	1.3
205	0.054	1.1
210	0.051	1.0
215	0.048	0.9
220	0.045	0.9
225	0.043	0.8
230	0.041	0.7
235	0.039	0.7
240	0.037	0.6

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		




1.001

Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 15 mins: Winter

Type : Pipe

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.067	15.6
10	0.225	57.4
15	0.225	21.4
20	0.192	2.5
25	0.153	0.1
30	0.130	0.0

BAE 1 Shed press: SW Drainage	Date: 25/06/2025			
	Designed by: AP	Checked by:	Approved By:	
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ			



**Ex pipe**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 30 mins: Summer**

Type : Pipe

**Tables**

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.035	2.5
10	0.057	7.0
15	0.112	27.2
20	0.136	40.7
25	0.115	29.7
30	0.105	24.8
35	0.097	21.3
40	0.092	19.2
45	0.084	16.1
50	0.076	13.1
55	0.069	10.6
60	0.062	8.6

BAE 1 Shed press: SW Drainage	Date: 25/06/2025		
	Designed by: AP	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: Phase	TRP Consulting: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ		



**Pipe**  
**Critical Storm: FSR: 100 years: Increase Rainfall (%): +50: 15 mins: Summer**

Type : Pipe

**Tables**

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.054	4.1
10	0.150	16.8
15	0.094	6.8
20	0.061	0.9
25	0.047	0.1
30	0.041	0.0