

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: Storm	Stantec:		





Catchment - (2)

Type : Catchment Area

Area (m²)	87.547
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (3)

Type : Catchment Area

Area (m²)	293.371
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (5)

Type : Catchment Area

Area (m²)	147.043
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (9)

Type : Catchment Area

Area (m²)	251.082
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment Canopy B

Type : Catchment Area

Area (m²)	407.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (12)

Type : Catchment Area

Area (m²)	73.966
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (17)

Type : Catchment Area

Area (m²)	171.431
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (18)

Type : Catchment Area

Area (m²)	65.507
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment - (19)

Type : Catchment Area

Area (m²)	139.23
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (20)

Type : Catchment Area

Area (m²)	177.923
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (21)

Type : Catchment Area

Area (m²)	132.498
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (23)

Type : Catchment Area

Area (m²)	214.834
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment - (24)

Type : Catchment Area

Area (m²)	135.423
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (25)

Type : Catchment Area

Area (m²)	84.484
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (8)

Type : Catchment Area

Area (m²)	208.621
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100



Catchment - (7)

Type : Catchment Area

Area (m²)	106.672
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100

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Catchment - (13)

Type : Catchment Area

Area (m²)	112.106
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100



Catchment - (1)

Type : Catchment Area

Area (m²)	252.075
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (16)

Type : Catchment Area

Area (m²)	41.458
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (BIN STORE)

Type : Catchment Area

Area (m²)	123.733
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment Area_DP03

Type : Catchment Area

Area (m²)	571.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100



Catchment Area_DP02

Type : Catchment Area

Area (m²)	1661.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100



Catchment Area_DP01

Type : Catchment Area

Area (m²)	286.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (hrs)	0.083
Percentage Impervious (%)	100



Catchment non siphonic roof

Type : Catchment Area

Area (m²)	130.735
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment - (4)

Type : Catchment Area

Area (m²)	324.052
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (6)

Type : Catchment Area

Area (m²)	344.46
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment Canopy C

Type : Catchment Area

Area (m²)	81.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment Canopy D

Type : Catchment Area

Area (m²)	115.00
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment Canopy A

Type : Catchment Area

Area (m²)	195.00
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment Canopy E

Type : Catchment Area

Area (m²)	139.00
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (10)

Type : Catchment Area

Area (m²)	159.554
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100



Catchment - (11)

Type : Catchment Area

Area (m²)	65.167
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

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Catchment - (26)

Type : Catchment Area

Area (m²)	325.00
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (hrs)	0.00
Percentage Impervious (%)	100

Trowbridge Leisure Centre:	Date: 12/02/2026		
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Report Details: Type: Junctions Storm Phase: Storm	Stantec:		



Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Sump Depth (m)	Chamber Shape
SW-09	Manhole	385447.477	157681.844	37.720	1.420	36.300	0.000	Circular
SW-10 taking DP03	Manhole	385440.509	157671.281	37.475	1.005	36.470	0.000	Circular
MAIN ENTRANCE ACO NODE	Manhole	385496.969	157638.066	37.431	1.231	36.200	0.000	Circular
SW-17	Manhole	385480.522	157626.466	37.441	0.976	36.465	0.000	Circular
SW-16	Manhole	385508.562	157648.988	37.095	1.055	36.040	0.000	Circular
SW-15	Manhole	385508.672	157658.711	37.055	1.055	36.000	0.000	Circular
SW-07	Manhole	385470.477	157699.334	37.025	1.385	35.640	0.000	Circular
SW-02	Manhole	385434.758	157744.985	37.079	2.659	34.420	0.000	Circular
SW-13 taking DP02	Manhole	385487.762	157689.005	36.866	1.256	35.610	0.000	Circular
SW-23	Manhole	385530.806	157668.706	35.689	0.529	35.160	0.000	Circular
SW-01	Manhole	385470.526	157711.114	36.445	2.045	34.400	0.000	Circular
FC-01	Manhole	385483.838	157703.769	36.120	1.975	34.145	0.000	Circular
SW-14 taking DP01	Manhole	385492.993	157681.440	36.874	1.164	35.710	0.000	Circular
WW-4707	Manhole	385492.159	157708.065	35.826	3.506	32.320	0.068	Circular
SW-22	Manhole	385530.233	157678.318	35.558	0.488	35.070	0.000	Circular
SW-21	Manhole	385519.162	157700.879	35.185	0.495	34.690	0.000	Circular
RE-25	Manhole	385486.972	157761.497	35.071	0.686	34.385	0.000	Circular
SW-24	Manhole	385513.410	157736.130	35.165	1.430	33.735	0.000	Circular
AS-01	Manhole	385519.901	157734.375	35.501	1.836	33.665	0.000	Circular
SW-20	Manhole	385500.529	157726.196	35.215	1.315	33.900	0.000	Circular
River Outfall	Manhole	385526.698	157732.538	35.615	2.275	33.340	0.000	Circular
SW-08	Manhole	385464.411	157694.722	36.957	1.257	35.700	0.000	Circular

Name	Diameter (m)	Part Family	Lock
SW-09	0.900	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-10 taking DP03	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
MAIN ENTRANCE ACO NODE	0.450	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-17	0.450	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-16	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-15	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-07	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-02	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-13 taking DP02	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None

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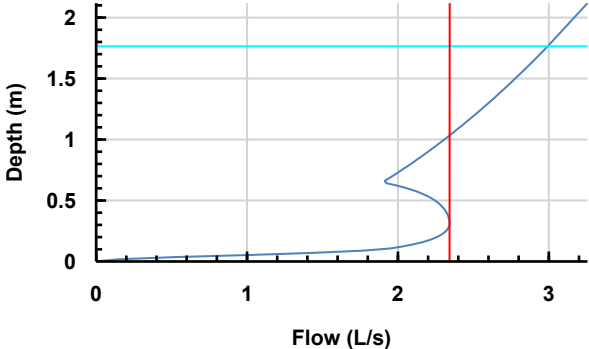


SW-23	0.450	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-01	1.200	SFA7 - Type2 - Manhole (B.12)	None
FC-01	1.800	SFA7 - Type2 - Manhole (B.12)	None
SW-14 taking DP01	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
WW-4707	1.200	SFA7 - Type2 - Manhole (B.12)	None
SW-22	0.450	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-21	0.600	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
RE-25	0.450	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
SW-24	1.200	SFA7 - Type4 - Circ Flex (Drive) (B.21a)	None
AS-01	1.200	SFA7 - Type2 - Manhole (B.12)	None
SW-20	1.200	SFA7 - Type2 - Manhole (B.12)	None
River Outfall	1.200		None
SW-08	1.200		None

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Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW-09	Outlet	Pipe44	Free Discharge
SW-10 taking DP03	Outlet	Pipe43	Free Discharge
MAIN ENTRANCE ACO NODE	Outlet	Pipe58	Free Discharge
SW-17	Outlet	Pipe57	Free Discharge
SW-16	Outlet	Pipe59	Free Discharge
SW-15	Outlet	Pipe60	Free Discharge
SW-07	Outlet	Pipe (4)	Free Discharge
SW-02	Outlet	Pipe	Free Discharge
SW-13 taking DP02	Outlet	Pipe (5)	Free Discharge
SW-23	Outlet	Pipe64	Free Discharge
SW-01	Outlet	Pipe (11)	Free Discharge
FC-01	Outlet	Pipe (12)	Hydro-Brake®
	Invert Level (m)	34.145	
	Design Depth (m)	1.765	
	Design Flow (L/s)	3.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0072-3000-1765-3000	
			
SW-14 taking DP01	Outlet	Pipe61	Free Discharge
SW-22	Outlet	Pipe65	Free Discharge
SW-21	Outlet	Pipe (3)	Free Discharge
RE-25	Outlet	Pipe70	Free Discharge
SW-24	Outlet	Pipe71	Free Discharge
AS-01	Outlet	Pipe (8)	Free Discharge
SW-20	Outlet	Pipe (16)	Free Discharge
SW-08	Outlet	Pipe44 (1)	Free Discharge

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Rain Garden

Type : Pond

Dimensions

Exceedance Level (m)	35.000
Depth (m)	0.500
Base Level (m)	34.500
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	2.64
Total Volume (m³)	6.309

Depth (m)	Area (m²)	Volume (m³)
0.000	25.00	0.000
0.500	64.44	21.597
0.545	57.00	24.328

Advanced

Perimeter	Circular
Length (m)	15.043
Friction Scheme	Manning's n
n	0.05

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Infiltration Trench 02

Type : Infiltration Trench

Dimensions

Exceedance Level (m)	36.927
Depth (m)	0.800
Base Level (m)	36.127
Freeboard (mm)	100
Porosity (%)	30
Length (m)	7.000
Long. Slope (1:X)	10000.00
Width (m)	0.500
Total Volume (m³)	0.822

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	216.0
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Infiltration Trench 01

Type : Infiltration Trench

Dimensions

Exceedance Level (m)	37.347
Depth (m)	0.850
Base Level (m)	36.497
Freeboard (mm)	100
Porosity (%)	30
Length (m)	26.500
Long. Slope (1:X)	10000.00
Width (m)	0.508
Total Volume (m³)	3.358

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	216.0
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Infiltration Trench 03

Type : Infiltration Trench

Dimensions

Exceedance Level (m)	37.450
Depth (m)	0.800
Base Level (m)	36.650
Freeboard (mm)	100
Porosity (%)	30
Length (m)	26.500
Long. Slope (1:X)	500.00
Width (m)	0.500
Total Volume (m³)	3.110

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	216.0
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Swale-01

Type : Swale

Swale

Exceedance Level (m)	35.320
Depth (m)	0.400
Base Level (m)	34.920
Top Width (m)	3.000
Side Slope (1:X)	3.00
Base Width (m)	0.600
Freeboard (mm)	300
Length (m)	46.000
Long. Slope (1:X)	100.00
Filtration Rate (m/hr)	216.0
Friction Scheme	Manning's n
n	0.05
Total Volume (m³)	12.872

Trench

Trench Depth (m)	0.900
Trench Porosity (%)	30

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	225
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Swale

Porosity (%)	100
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Trench

Trench Conductivity (m/hr)	216.0
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Cellular Storage

Type : Cellular Storage

Dimensions	
Exceedance Level (m)	36.410
Depth (m)	1.500
Base Level (m)	34.410
Number of Crates Long	23
Number of Crates Wide	11
Number of Crates High	2
Porosity (%)	95
Crate Length (m)	2
Crate Width (m)	0.5
Crate Height (m)	0.75
Total Volume (m³)	361.025

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (m²)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (m²)
Catchment - (1)	Swale-01		Time of Concentration	252.075	100	0	100	252.075
Catchment - (2)	SW-02		Time of Concentration	87.547	100	0	100	87.547
Catchment - (3)	SW-01		Time of Concentration	293.371	100	0	100	293.371
Catchment - (4)	Swale-01		Time of Concentration	324.052	100	0	100	324.052
Catchment - (5)	Swale-01		Time of Concentration	147.043	100	0	100	147.043
Catchment - (6)	SW-24		Time of Concentration	344.460	100	0	100	344.460
Catchment - (7)	MAIN ENTRANCE ACO NODE		Time of Concentration	106.672	100	0	100	106.672
Catchment - (8)	Infiltration Trench 01		Time of Concentration	208.621	100	0	100	208.621
Catchment - (9)	RE-25		Time of Concentration	251.082	100	0	100	251.082
Catchment - (10)	SW-21		Time of Concentration	159.554	100	0	100	159.554
Catchment - (11)	Infiltration Trench 03		Time of Concentration	65.167	100	0	100	65.167
Catchment - (12)	SW-20		Time of Concentration	73.966	100	0	100	73.966
Catchment - (13)	Infiltration Trench 02		Time of Concentration	112.106	100	0	100	112.106
Catchment - (16)	SW-22		Time of Concentration	41.458	100	0	100	41.458
Catchment - (17)	FC-01		Time of Concentration	171.431	100	0	100	171.431
Catchment - (18)	SW-08		Time of Concentration	65.507	100	0	100	65.507
Catchment - (19)	SW-20		Time of Concentration	139.230	100	0	100	139.230
Catchment - (20)	Rain Garden		Time of Concentration	177.923	100	0	100	177.923
Catchment - (21)	Rain Garden		Time of Concentration	132.498	100	0	100	132.498
Catchment - (23)	SW-21		Time of Concentration	214.834	100	0	100	214.834
Catchment - (24)	SW-23		Time of Concentration	135.423	100	0	100	135.423
Catchment - (25)	SW-16		Time of Concentration	84.484	100	0	100	84.484
Catchment - (26)	Infiltration Trench 03		Time of Concentration	325.000	100	0	100	325.000
Catchment - (BIN STORE)	SW-07		Time of Concentration	123.733	100	0	100	123.733
Catchment non siphonic roof	SW-07		Time of Concentration	130.735	100	0	100	130.735
Catchment Area_DP01	SW-14 taking DP01		Time of Concentration	286.000	100	0	100	286.000
Catchment Area_DP02	SW-13 taking DP02		Time of Concentration	1661.000	100	0	100	1661.000
Catchment Area_DP03	SW-10 taking DP03		Time of Concentration	571.000	100	0	100	571.000
Catchment Canopy A	Cellular Storage		Time of Concentration	195.000	100	0	100	195.000
Catchment Canopy B	Cellular Storage		Time of Concentration	407.000	100	0	100	407.000
Catchment Canopy C	SW-02		Time of Concentration	81.000	100	0	100	81.000
Catchment Canopy D	SW-20		Time of Concentration	115.000	100	0	100	115.000

Trowbridge Leisure Centre:			Date: 12/02/2026					
			Designed by: H.M	Checked by:	Approved By:			
Report Details: Type: Inflow Summary Storm Phase: Storm			Stantec:					
Catchment Canopy E	Rain Garden		Time of Concentration	139.000	100	0	100	139.000
TOTAL		0.0		7622.973				7622.973

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Title: Rainfall Analysis Criteria	Stantec:		



Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	0
Junction Flood Risk Margin (mm)	10
Prefill Manhole Sumps	☐
Perform No Discharge Analysis	☐

Rainfall

FSR (attenuation peak) Type: FSR

Region	England And Wales
M5-60 (mm)	20.7
Ratio R	0.355
Summer	☒
Winter	☒

Return Period

Return Period (years)	Increase Rainfall (%)
1.0	0.000
30.0	0.000
100.0	25.000

Storm Durations

Duration (hrs)	Run Time (hrs)
0.25	0.50
0.50	1.00
1.00	2.00
2.00	4.00
3.00	6.00
4.00	8.00
6.00	12.00
8.00	16.00
10.00	20.00
12.00	24.00
16.00	32.00
24.00	48.00
36.00	72.00
48.00	96.00
72.00	144.00
96.00	192.00
120.00	240.00
144.00	288.00
168.00	336.00

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Storm	Stantec:		



FSR (attenuation peak): 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (m²)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment - (2)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	87.55	1.5	0.642
Catchment - (3)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	293.37	5.0	2.150
Catchment - (5)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	147.04	2.5	1.077
Catchment - (9)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	251.08	4.2	1.838
Catchment Canopy B	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	407.00	6.9	2.984
Catchment - (12)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	73.97	1.2	0.543
Catchment - (17)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	171.43	2.9	1.253
Catchment - (18)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	65.51	1.1	0.483
Catchment - (19)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	139.23	2.4	1.020
Catchment - (20)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	177.92	3.0	1.304

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			



Catchment - (21)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	132.50	2.2	0.972
Catchment - (23)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	214.83	3.6	1.577
Catchment - (24)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	135.42	2.3	0.993
Catchment - (25)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	84.48	1.4	0.621
Catchment - (8)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	208.62	3.5	1.526
Catchment - (7)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	106.67	1.8	0.783
Catchment - (13)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	112.11	1.9	0.822
Catchment - (1)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	252.08	4.3	1.850
Catchment - (16)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	41.46	0.7	0.306
Catchment - (BIN STORE)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	123.73	2.1	0.903
Catchment Area_DP03	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	571.00	10.1	4.405

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Storm	Stantec:		



Catchment Area_DP02	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	1661.00	29.5	12.816
Catchment Area_DP01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	286.00	5.1	2.207
Catchment non siphonic roof	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	130.73	2.2	0.957
Catchment - (4)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	324.05	5.5	2.378
Catchment - (6)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	344.46	5.8	2.522
Catchment Canopy C	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	81.00	1.4	0.591
Catchment Canopy D	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	115.00	1.9	0.843
Catchment Canopy A	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	195.00	3.3	1.427
Catchment Canopy E	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	139.00	2.3	1.017
Catchment - (10)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	159.55	2.7	1.169
Catchment - (11)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	65.17	1.1	0.474

Trowbridge Leisure Centre:	Date: 12/02/2026			
	Designed by:	Checked by:	Approved By:	
	H.M			
Report Details: Type: Inflows Summary Storm Phase: Storm	Stantec:			

Catchment - (26)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	325.00	5.5	2.381
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Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Storm	Stantec:		



FSR (attenuation peak): 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (m²)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment - (2)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	87.55	3.6	1.577
Catchment - (3)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	293.37	12.2	5.272
Catchment - (5)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	147.04	6.1	2.648
Catchment - (9)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	251.08	10.4	4.513
Catchment Canopy B	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	407.00	16.9	7.317
Catchment - (12)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	73.97	3.1	1.329
Catchment - (17)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	171.43	7.1	3.083
Catchment - (18)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	65.51	2.7	1.176
Catchment - (19)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	139.23	5.8	2.501
Catchment - (20)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	177.92	7.4	3.200

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			



Catchment - (21)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	132.50	5.5	2.381
Catchment - (23)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	214.83	8.9	3.863
Catchment - (24)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	135.42	5.6	2.435
Catchment - (25)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	84.48	3.5	1.520
Catchment - (8)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	208.62	8.6	3.749
Catchment - (7)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	106.67	4.4	1.916
Catchment - (13)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	112.11	4.7	2.015
Catchment - (1)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	252.08	10.5	4.531
Catchment - (16)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	41.46	1.7	0.744
Catchment - (BIN STORE)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	123.73	5.1	2.225
Catchment Area_DP03	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	571.00	24.9	10.808

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			



Catchment Area_DP02	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	1661.00	72.5	31.438
Catchment Area_DP01	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	286.00	12.5	5.410
Catchment non siphonic roof	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	130.73	5.4	2.348
Catchment - (4)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	324.05	13.4	5.830
Catchment - (6)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	344.46	14.3	6.193
Catchment Canopy C	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	81.00	3.4	1.457
Catchment Canopy D	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	115.00	4.8	2.069
Catchment Canopy A	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	195.00	8.1	3.509
Catchment Canopy E	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	139.00	5.8	2.498
Catchment - (10)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	159.55	6.6	2.870
Catchment - (11)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	65.17	2.7	1.173

Trowbridge Leisure Centre:	Date: 12/02/2026			
	Designed by: H.M	Checked by:	Approved By:	
	Report Details: Type: Inflows Summary Storm Phase: Storm			
Stantec:				

Catchment - (26)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	325.00	13.5	5.848
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Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			





FSR (attenuation peak): 100 years: Increase Rainfall (%): +25: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (m²)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Catchment - (2)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	87.55	5.9	2.555
Catchment - (3)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	293.37	19.7	8.559
Catchment - (5)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	147.04	9.9	4.291
Catchment - (9)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	251.08	16.9	7.320
Catchment Canopy B	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	407.00	27.4	11.870
Catchment - (12)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	73.97	5.0	2.159
Catchment - (17)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	171.43	11.5	4.999
Catchment - (18)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	65.51	4.4	1.910
Catchment - (19)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	139.23	9.4	4.060
Catchment - (20)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	177.92	12.0	5.191

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			



Catchment - (21)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	132.50	8.9	3.866
Catchment - (23)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	214.83	14.4	6.265
Catchment - (24)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	135.42	9.1	3.947
Catchment - (25)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	84.48	5.7	2.462
Catchment - (8)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	208.62	14.0	6.085
Catchment - (7)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	106.67	7.2	3.110
Catchment - (13)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	112.11	7.5	3.272
Catchment - (1)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	252.08	17.0	7.353
Catchment - (16)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	41.46	2.8	1.209
Catchment - (BIN STORE)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	123.73	8.3	3.611
Catchment Area_DP03	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	571.00	40.4	17.534

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
	Stantec:		
Report Details: Type: Inflows Summary Storm Phase: Storm			



Catchment Area_DP02	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	1661.00	117.6	50.999
Catchment Area_DP01	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	286.00	20.2	8.781
Catchment non siphonic roof	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	130.73	8.8	3.812
Catchment - (4)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	324.05	21.8	9.449
Catchment - (6)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	344.46	23.2	10.046
Catchment Canopy C	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	81.00	5.5	2.363
Catchment Canopy D	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	115.00	7.7	3.356
Catchment Canopy A	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	195.00	13.1	5.692
Catchment Canopy E	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	139.00	9.3	4.054
Catchment - (10)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	159.55	10.7	4.657
Catchment - (11)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	65.17	4.4	1.898

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Inflows Summary Storm Phase: Storm	Stantec:		



Catchment - (26)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	325.00	21.9	9.479
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Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	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
SW-09	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.720	36.300	36.358	0.058	15.8	0.037	0.000	15.4	7.234	OK
SW-10 taking DP03	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.475	36.470	36.546	0.076	16.2	0.086	0.000	15.8	7.237	OK
MAIN ENTRANCE ACO NODE	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.431	36.200	36.379	0.179	4.8	0.029	0.000	4.5	2.058	OK
SW-17	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.441	36.465	36.502	0.037	3.1	0.006	0.000	3.0	1.475	OK
SW-16	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.095	36.040	36.114	0.074	7.8	0.084	0.000	7.5	3.488	OK
SW-15	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.055	36.000	36.059	0.059	7.5	0.067	0.000	6.4	3.464	OK
SW-07	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	37.025	35.640	35.707	0.067	20.2	0.076	0.000	19.5	9.552	OK
SW-02	FSR (attenuation peak): 1 years: +0 %: 6.00 hrs: Winter	37.079	34.420	34.685	0.265	0.4	0.299	0.000	0.4	3.744	OK
SW-13 taking DP02	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.866	35.610	35.668	0.058	40.4	0.065	0.000	40.0	18.460	OK
SW-23	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.689	35.160	35.198	0.038	2.3	0.006	0.000	2.2	0.991	OK
SW-01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.445	34.400	34.756	0.356	64.0	0.403	0.000	2.0	26.076	OK
FC-01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.120	34.145	34.761	0.616	62.5	1.569	0.000	2.3	27.429	Surcharged
SW-14 taking DP01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.874	35.710	35.795	0.085	11.5	0.096	0.000	10.8	5.653	OK
WW-4707	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.826	32.320	33.195	0.875	2.3	0.000	0.000	2.3	3.725	OK
SW-22	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.558	35.070	35.102	0.032	2.9	0.005	0.000	2.8	1.293	OK

Trowbridge Leisure Centre:		Date: 12/02/2026		
		Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm		Stantec:		



SW-21	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.185	34.690	34.743	0.053	9.1	0.015	0.000	8.8	4.041	OK
RE-25	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.071	34.385	34.420	0.035	4.2	0.006	0.000	4.1	1.849	OK
SW-24	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.165	33.735	33.853	0.118	27.4	0.134	0.000	25.4	17.706	OK
AS-01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.501	33.665	33.745	0.080	25.4	0.091	0.000	24.9	17.656	OK
SW-20	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.215	33.900	33.997	0.097	18.6	0.110	0.000	17.5	13.520	OK
River Outfall	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	35.615	33.340	33.412	0.072	24.9	0.000	0.000	25.0	17.656	OK
SW-08	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.957	35.700	35.787	0.087	16.5	0.098	0.000	15.9	7.702	OK

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	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
SW-09	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.720	36.300	36.390	0.090	37.1	0.057	0.000	36.6	17.800	OK
SW-10 taking DP03	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.475	36.470	36.591	0.121	37.9	0.136	0.000	37.1	17.804	OK
MAIN ENTRANCE ACO NODE	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.431	36.200	36.416	0.216	12.2	0.034	0.000	11.7	5.409	OK
SW-17	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.441	36.465	36.528	0.063	7.9	0.010	0.000	7.7	3.694	OK
SW-16	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.095	36.040	36.165	0.125	19.7	0.141	0.000	19.1	8.931	OK
SW-15	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.055	36.000	36.102	0.102	19.1	0.115	0.000	17.5	8.904	OK
SW-07	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	37.025	35.640	35.750	0.110	49.0	0.124	0.000	48.0	23.521	OK
SW-02	FSR (attenuation peak): 30 years: +0 %: 10.00 hrs: Winter	37.079	34.420	35.235	0.815	1.8	0.922	0.000	1.7	17.724	Surcharged
SW-13 taking DP02	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.866	35.610	35.704	0.094	101.4	0.106	0.000	100.9	45.720	OK
SW-23	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.689	35.160	35.222	0.062	5.6	0.010	0.000	5.5	2.433	OK
SW-01	FSR (attenuation peak): 30 years: +0 %: 10.00 hrs: Winter	36.445	34.400	35.235	0.835	14.8	0.944	0.000	5.9	251.173	Surcharged
FC-01	FSR (attenuation peak): 30 years: +0 %: 10.00 hrs: Winter	36.120	34.145	35.235	1.090	16.0	2.773	0.000	2.4	307.567	Surcharged
SW-14 taking DP01	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.874	35.710	35.852	0.142	30.0	0.160	0.000	29.0	14.294	OK
WW-4707	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.826	32.320	33.195	0.875	2.3	0.000	0.000	2.3	3.564	OK
SW-22	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.558	35.070	35.120	0.050	7.2	0.008	0.000	7.0	3.172	OK

Trowbridge Leisure Centre:		Date: 12/02/2026		
		Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm		Stantec:		



SW-21	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.185	34.690	34.781	0.091	22.5	0.026	0.000	21.9	9.907	OK
RE-25	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.071	34.385	34.441	0.056	10.4	0.009	0.000	10.1	4.521	OK
SW-24	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.165	33.735	33.982	0.247	67.2	0.280	0.000	63.6	45.080	Surcharged
AS-01	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.501	33.665	33.810	0.145	63.6	0.163	0.000	62.5	45.010	OK
SW-20	FSR (attenuation peak): 30 years: +0 %: 0.50 hrs: Summer	35.215	33.900	34.149	0.249	50.7	0.282	0.000	47.7	48.603	Surcharged
River Outfall	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	35.615	33.340	33.460	0.120	62.5	0.000	0.000	62.6	45.010	OK
SW-08	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.957	35.700	35.841	0.141	39.3	0.159	0.000	38.4	18.958	OK

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 100 years: Increase Rainfall (%): +25: Critical Storm Per Item: Rank By: Max. Depth

Junction	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
SW-09	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.72 0	36.30 0	36.418	0.118	59.5	0.075	0.000	58.3	28.882	OK
SW-10 taking DP03	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.47 5	36.47 0	36.629	0.159	60.3	0.180	0.000	59.5	28.886	OK
MAIN ENTRANCE ACO NODE	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.43 1	36.20 0	36.455	0.255	19.5	0.041	0.000	18.9	8.937	OK
SW-17	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.44 1	36.46 5	36.551	0.086	12.7	0.014	0.000	12.4	6.029	OK
SW-16	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.09 5	36.04 0	36.214	0.174	31.8	0.197	0.000	30.9	14.654	OK
SW-15	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.05 5	36.00 0	36.138	0.138	30.9	0.156	0.000	28.6	14.626	OK
SW-07	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	37.02 5	35.64 0	35.887	0.247	7.2	0.280	0.000	7.2	123.179	OK
SW-02	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	37.07 9	34.42 0	35.887	1.467	1.7	1.659	0.000	1.7	26.962	Surcharged
SW-13 taking DP02	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	36.86 6	35.61 0	35.887	0.277	14.1	0.314	0.000	14.1	240.442	OK
SW-23	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.68 9	35.16 0	35.242	0.082	9.1	0.013	0.000	9.0	3.944	OK
SW-01	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	36.44 5	34.40 0	35.887	1.487	21.2	1.682	0.000	2.7	401.763	Surcharged
FC-01	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	36.12 0	34.14 5	35.887	1.742	22.3	4.434	0.000	3.0	488.498	Surcharged
SW-14 taking DP01	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	36.87 4	35.71 0	35.895	0.185	48.9	0.209	0.000	47.5	23.386	OK
WW-4707	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.82 6	32.32 0	33.195	0.875	2.2	0.000	0.000	2.2	3.540	OK
SW-22	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.55 8	35.07 0	35.134	0.064	11.7	0.010	0.000	11.4	5.147	OK

Trowbridge Leisure Centre:		Date: 12/02/2026		
		Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Storm		Stantec:		



SW-21	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.185	34.690	34.816	0.126	36.6	0.036	0.000	35.6	16.070	OK
RE-25	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.071	34.385	34.459	0.074	16.9	0.012	0.000	16.7	7.281	OK
SW-24	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.165	33.735	34.295	0.560	101.4	0.633	0.000	99.5	72.414	Surcharged
AS-01	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.501	33.665	33.896	0.231	99.5	0.262	0.000	94.8	72.360	Surcharged
SW-20	FSR (attenuation peak): 100 years: +25 %: 0.50 hrs: Summer	35.215	33.900	34.580	0.680	67.3	0.769	0.000	67.2	78.711	Surcharged
River Outfall	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	35.615	33.340	33.498	0.158	94.8	0.000	0.000	95.0	72.360	OK
SW-08	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	36.957	35.700	35.887	0.187	5.8	0.212	0.000	5.8	99.279	OK

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 1 years: Increase Rainfall (%): +0: Critical Storm Per
Item: Rank By: Max. Avg. Depth

Stormwater Control	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
Cellular Storage	FSR (attenuation peak): 1 years: +0 %: 6.00 hrs: Winter	34.685	34.685	0.275	0.275	10.6	65.990	0.000	0.000	2.2	48.254	81.722	OK
Rain Garden	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	34.574	34.552	0.074	0.052	16.4	1.731	0.000	0.000	13.1	7.106	72.564	OK
Swale-01	FSR (attenuation peak): 1 years: +0 %: 0.50 hrs: Summer	35.427	34.200	0.947	0.180	8.2	4.819	0.000	0.000	5.4	6.906	62.561	OK
Infiltration Trench 02	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.175	36.148	0.047	0.021	1.9	0.036	0.000	0.000	1.9	0.818	95.655	OK
Infiltration Trench 01	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.579	36.542	0.080	0.045	3.5	0.281	0.000	0.000	3.1	1.480	91.633	OK
Infiltration Trench 03	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	36.812	36.692	0.109	0.042	6.6	0.340	0.000	0.000	6.0	2.835	89.072	OK

Trowbridge Leisure Centre:		Date: 12/02/2026			
		Designed by: H.M	Checked by:		Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Storm		Stantec:			



FSR (attenuation peak): 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	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
Cellular Storage	FSR (attenuation peak): 30 years: +0 %: 10.00 hrs: Winter	35.235	35.235	0.825	0.825	17.4	198.228	0.000	0.000	6.0	110.729	45.093	OK
Rain Garden	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	34.616	34.587	0.116	0.087	40.5	2.921	0.000	0.000	35.3	17.739	53.707	OK
Swale-01	FSR (attenuation peak): 30 years: +0 %: 0.50 hrs: Summer	35.489	34.525	1.009	0.505	19.9	9.493	0.000	0.000	14.8	17.087	26.255	Flood Risk
Infiltration Trench 02	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.197	36.167	0.069	0.040	4.7	0.057	0.000	0.000	4.5	2.012	93.094	OK
Infiltration Trench 01	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.626	36.574	0.127	0.077	8.6	0.449	0.000	0.000	7.9	3.699	86.621	OK
Infiltration Trench 03	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	36.986	36.722	0.283	0.072	16.2	0.731	0.000	0.000	13.0	6.999	76.484	OK

Trowbridge Leisure Centre:		Date: 12/02/2026			
		Designed by: H.M	Checked by:		Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Storm		Stantec:			



FSR (attenuation peak): 100 years: Increase Rainfall (%): +25: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	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
Cellular Storage	FSR (attenuation peak): 100 years: +25 %: 12.00 hrs: Winter	35.887	35.887	1.477	1.477	25.3	355.063	0.000	0.000	2.7	128.736	1.651	OK
Rain Garden	FSR (attenuation peak): 100 years: +25 %: 0.50 hrs: Summer	34.666	34.659	0.166	0.159	45.3	4.908	0.000	0.000	39.4	38.991	22.204	OK
Swale-01	FSR (attenuation peak): 100 years: +25 %: 0.50 hrs: Summer	35.481	35.254	1.001	1.234	32.6	16.575	0.000	0.000	21.3	26.900	-28.768	Flood Risk
Infiltration Trench 02	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	36.226	36.216	0.098	0.089	7.5	0.098	0.000	0.000	7.3	3.268	88.053	OK
Infiltration Trench 01	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	36.678	36.602	0.179	0.105	14.0	0.617	0.000	0.000	12.7	6.034	81.630	OK
Infiltration Trench 03	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	37.324	36.750	0.621	0.100	26.2	1.447	0.000	0.000	19.9	11.356	53.477	OK

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Velocity

Connection	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
Pipe43	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-10 taking DP03	SW-09	37.475	36.546	0.067	7.237	1.3	0.12	15.8	OK
Pipe57	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-17	MAIN ENTRANCE ACO NODE	37.441	36.502	0.108	1.475	0.2	0.15	3.0	OK
Pipe58	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	MAIN ENTRANCE ACO NODE	SW-16	37.431	36.379	0.048	2.058	0.9	0.22	4.5	OK
Pipe59	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-16	SW-15	37.095	36.114	0.067	3.488	0.8	0.23	7.5	OK
Pipe60	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-15	SW-14 taking DP01	37.055	36.059	0.058	3.464	0.8	0.14	6.4	OK
Pipe61	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-14 taking DP01	SW-13 taking DP02	36.874	35.795	0.079	5.653	0.6	0.1	10.8	OK
Pipe64	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-23	SW-22	35.689	35.198	0.035	0.991	0.7	0.13	2.2	OK
Pipe65	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-22	SW-21	35.558	35.102	0.043	1.293	0.5	0.04	2.8	OK
Pipe70	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	RE-25	SW-24	35.071	34.420	0.077	1.849	0.3	0.06	4.1	OK

Trowbridge Leisure Centre:				Date: 12/02/2026								
				Designed by: H.M	Checked by:	Approved By:						
Report Details: Type: Connections Summary Storm Phase: Storm				Stantec:								

Pipe71	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-24	AS-01	35.165	33.853	0.099	17.706	1.5	0.48	25.4	OK
Pipe	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Winter	Pipe	SW-02	Cellular Storage	37.079	34.537	0.122	1.079	0.8	0	2.5	OK
Pipe (1)	FSR (attenuation peak): 1 years: +0 %: 8.00 hrs: Summer	Pipe	Cellular Storage	SW-01	36.434	34.683	0.278	15.230	0.5	0.01	2.2	OK
Pipe (2)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	Rain Garden	SW-20	34.501	34.564	0.075	7.106	1.1	0.12	13.1	OK
Pipe (18)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	Infiltratio n Trench 02	SW-16	37.046	36.161	0.047	0.818	0.4	0.04	1.9	OK
Pipe (19)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	Infiltratio n Trench 01	SW-17	37.381	36.567	0.041	1.480	0.8	0.17	3.1	OK
Pipe (8)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	AS-01	River Outfall	35.501	33.745	0.076	17.656	2.1	0.22	24.9	OK
Pipe (11)	FSR (attenuation peak): 1 years: +0 %: 10.00 hrs: Winter	Pipe	SW-01	FC-01	36.445	34.677	0.404	26.710	0.1	0	2.2	OK
Pipe (12)	FSR (attenuation peak): 1 years: +0 %: 96.00 hrs: Summer	Pipe	FC-01	WW- 4707	36.120	34.465	0.150	276.512	2.0	0.03	2.3	Surcharged
Pipe (16)	FSR (attenuation peak): 1 years: +0 %: 0.50 hrs: Summer	Pipe	SW-20	SW-24	35.215	33.994	0.103	19.702	1.0	0.32	16.9	OK
Pipe (3)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-21	Rain Garden	35.185	34.743	0.064	4.041	1.0	0.11	8.8	OK

Trowbridge Leisure Centre:				Date: 12/02/2026											
				Designed by: H.M		Checked by:							Approved By:		
Report Details: Type: Connections Summary Storm Phase: Storm				Stantec:											

Pipe44	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-09	SW-08	37.720	36.358	0.072	7.234	1.2	0.08	15.4	OK
Pipe44 (1)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-08	SW-07	36.957	35.787	0.077	7.702	1.1	0.16	15.9	OK
Pipe (4)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	SW-07	FC-01	37.025	35.707	0.065	9.552	1.7	0.1	19.5	OK
Pipe (5)	FSR (attenuation peak): 1 years: +0 %: 0.50 hrs: Summer	Pipe	SW-13 taking DP02	FC-01	36.866	35.660	0.211	24.727	1.4	0.03	28.8	OK
Pipe (7)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	Infiltratio n Trench 03	SW-10 taking DP03	37.462	36.736	0.059	2.835	0.9	0.15	6.0	OK
Pipe (6)	FSR (attenuation peak): 1 years: +0 %: 0.25 hrs: Summer	Pipe	Swale- 01	SW-20	35.336	34.927	0.059	4.121	0.6	0.15	5.4	OK

Trowbridge Leisure Centre:	Date: 12/02/2026		
	Designed by: H.M	Checked by:	Approved By:
Report Details: Type: Connections Summary Storm Phase: Storm	Stantec:		





FSR (attenuation peak): 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Velocity

Connection	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
Pipe43	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-10 taking DP03	SW-09	37.475	36.591	0.105	17.804	1.7	0.29	37.1	OK
Pipe57	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-17	MAIN ENTRANCE ACO NODE	37.441	36.528	0.140	3.694	0.5	0.38	7.7	OK
Pipe58	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	MAIN ENTRANCE ACO NODE	SW-16	37.431	36.416	0.083	5.409	1.2	0.56	11.7	OK
Pipe59	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-16	SW-15	37.095	36.165	0.113	8.931	1.0	0.58	19.1	OK
Pipe60	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-15	SW-14 taking DP01	37.055	36.102	0.099	8.904	1.0	0.38	17.5	OK
Pipe61	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-14 taking DP01	SW-13 taking DP02	36.874	35.852	0.132	14.294	0.8	0.28	29.0	OK
Pipe64	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-23	SW-22	35.689	35.222	0.056	2.433	0.9	0.32	5.5	OK
Pipe65	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-22	SW-21	35.558	35.120	0.071	3.172	0.7	0.11	7.0	OK
Pipe70	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Winter	Pipe	RE-25	SW-24	35.071	34.439	0.143	4.529	0.4	0.14	9.5	OK

Trowbridge Leisure Centre:				Date: 12/02/2026											
				Designed by: H.M		Checked by:							Approved By:		
Report Details: Type: Connections Summary Storm Phase: Storm				Stantec:											

Pipe71	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Winter	Pipe	SW-24	AS-01	35.165	33.967	0.185	44.447	1.8	1.13	60.1	Surcharged
Pipe	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-02	Cellular Storage	37.079	34.747	0.332	2.544	0.9	0.01	5.8	OK
Pipe (1)	FSR (attenuation peak): 30 years: +0 %: 72.00 hrs: Winter	Pipe	Cellular Storage	SW-01	36.434	34.850	0.445	68.798	0.5	0.01	2.2	OK
Pipe (2)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Winter	Pipe	Rain Garden	SW-20	34.501	34.600	0.135	17.740	1.3	0.3	33.4	OK
Pipe (18)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	Infiltratio n Trench 02	SW-16	37.046	36.181	0.082	2.012	0.5	0.11	4.5	OK
Pipe (19)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	Infiltratio n Trench 01	SW-17	37.381	36.608	0.070	3.699	1.0	0.44	7.9	OK
Pipe (8)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	AS-01	River Outfall	35.501	33.810	0.132	45.010	2.6	0.56	62.5	OK
Pipe (11)	FSR (attenuation peak): 30 years: +0 %: 10.00 hrs: Summer	Pipe	SW-01	FC-01	36.445	35.220	0.600	1.048	0.4	0.13	113.6	Surcharged
Pipe (12)	FSR (attenuation peak): 30 years: +0 %: 36.00 hrs: Summer	Pipe	FC-01	WW- 4707	36.120	35.115	0.150	393.429	2.0	0.03	2.3	Surcharged
Pipe (16)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Winter	Pipe	SW-20	SW-24	35.215	34.085	0.208	34.010	1.2	0.84	44.2	OK
Pipe (3)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-21	Rain Garden	35.185	34.781	0.104	9.907	1.2	0.28	21.9	OK

Trowbridge Leisure Centre:				Date: 12/02/2026								
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Pipe44	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-09	SW-08	37.720	36.390	0.115	17.800	1.5	0.2	36.6	OK
Pipe44 (1)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-08	SW-07	36.957	35.841	0.125	18.958	1.4	0.39	38.4	OK
Pipe (4)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Summer	Pipe	SW-07	FC-01	37.025	35.750	0.105	23.521	2.2	0.24	48.0	OK
Pipe (5)	FSR (attenuation peak): 30 years: +0 %: 1.00 hrs: Summer	Pipe	SW-13 taking DP02	FC-01	36.866	35.682	0.349	77.386	1.6	0.07	62.1	OK
Pipe (7)	FSR (attenuation peak): 30 years: +0 %: 0.50 hrs: Summer	Pipe	Infiltratio n Trench 03	SW-10 taking DP03	37.462	36.777	0.081	9.305	1.1	0.28	10.8	OK
Pipe (6)	FSR (attenuation peak): 30 years: +0 %: 0.25 hrs: Winter	Pipe	Swale- 01	SW-20	35.336	34.965	0.119	10.585	0.9	0.52	19.3	Surcharged

Trowbridge Leisure Centre:	Date: 12/02/2026		
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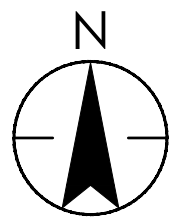
FSR (attenuation peak): 100 years: Increase Rainfall (%): +25: Critical Storm Per Item: Rank By: Max. Velocity

Connection	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
Pipe43	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-10 taking DP03	SW-09	37.475	36.629	0.139	28.886	1.9	0.46	59.5	OK
Pipe57	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-17	MAIN ENTRANCE ACO NODE	37.441	36.551	0.150	6.029	0.7	0.61	12.4	OK
Pipe58	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	MAIN ENTRANCE ACO NODE	SW-16	37.431	36.455	0.118	8.937	1.3	0.91	18.9	OK
Pipe59	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-16	SW-15	37.095	36.214	0.156	14.654	1.0	0.93	30.9	OK
Pipe60	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-15	SW-14 taking DP01	37.055	36.138	0.133	14.626	1.2	0.63	28.6	OK
Pipe61	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-14 taking DP01	SW-13 taking DP02	36.874	35.895	0.171	23.386	1.0	0.46	47.5	OK
Pipe64	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-23	SW-22	35.689	35.242	0.073	3.944	1.0	0.52	9.0	OK
Pipe65	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-22	SW-21	35.558	35.134	0.095	5.147	0.7	0.18	11.4	OK
Pipe70	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	RE-25	SW-24	35.071	34.459	0.225	7.281	0.4	0.24	16.7	OK

Trowbridge Leisure Centre:				Date: 12/02/2026									
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Pipe71	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-24	AS-01	35.165	34.295	0.225	72.414	2.5	1.88	99.5	Surcharged
Pipe	FSR (attenuation peak): 100 years: +25 %: 0.50 hrs: Summer	Pipe	SW-02	Cellular Storage	37.079	35.171	0.600	5.507	0.9	0.01	6.2	Surcharged
Pipe (1)	FSR (attenuation peak): 100 years: +25 %: 36.00 hrs: Winter	Pipe	Cellular Storage	SW-01	36.434	35.727	0.600	85.440	0.5	0.01	2.7	Surcharged
Pipe (2)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	Rain Garden	SW-20	34.501	34.658	0.225	28.927	1.2	0.44	49.2	OK
Pipe (18)	FSR (attenuation peak): 100 years: +25 %: 0.50 hrs: Summer	Pipe	Infiltration Trench 02	SW-16	37.046	36.194	0.100	4.378	0.5	0.12	5.1	OK
Pipe (19)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	Infiltration Trench 01	SW-17	37.381	36.650	0.096	6.034	1.1	0.71	12.7	Surcharged
Pipe (8)	FSR (attenuation peak): 100 years: +25 %: 1.00 hrs: Summer	Pipe	AS-01	River Outfall	35.501	33.860	0.173	131.394	2.7	0.8	89.8	OK
Pipe (11)	FSR (attenuation peak): 100 years: +25 %: 72.00 hrs: Winter	Pipe	SW-01	FC-01	36.445	35.473	0.600	146.702	0.1	0	2.3	Surcharged
Pipe (12)	FSR (attenuation peak): 100 years: +25 %: 72.00 hrs: Summer	Pipe	FC-01	WW-4707	36.120	35.540	0.150	702.733	2.0	0.03	2.7	Surcharged
Pipe (16)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-20	SW-24	35.215	34.575	0.225	55.252	1.8	1.35	70.7	Surcharged
Pipe (3)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-21	Rain Garden	35.185	34.816	0.138	16.070	1.4	0.46	35.6	OK

Trowbridge Leisure Centre:				Date: 12/02/2026								
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				Stantec:								
Pipe44	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-09	SW-08	37.720	36.418	0.152	28.882	1.6	0.31	58.3	OK
Pipe44 (1)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-08	SW-07	36.957	35.886	0.166	30.774	1.5	0.62	60.9	OK
Pipe (4)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	SW-07	FC-01	37.025	35.785	0.137	38.186	2.4	0.39	76.2	OK
Pipe (5)	FSR (attenuation peak): 100 years: +25 %: 2.00 hrs: Summer	Pipe	SW-13 taking DP02	FC-01	36.866	35.690	0.450	156.332	1.6	0.08	74.3	OK
Pipe (7)	FSR (attenuation peak): 100 years: +25 %: 0.25 hrs: Summer	Pipe	Infiltration Trench 03	SW-10 taking DP03	37.462	37.014	0.130	11.356	1.3	0.51	19.9	Surcharged
Pipe (6)	FSR (attenuation peak): 100 years: +25 %: 1.00 hrs: Winter	Pipe	Swale-01	SW-20	35.336	35.022	0.225	35.646	0.9	0.57	21.3	Flood Risk



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PO1 FIRST ISSUE	H.M.	A.T.	12/02/26
Issued/Revision	By	Appd	DD.MM.YYYY
	H.M.	H.M.	A.T.
	Dwn.	Dgn.	Chkd.
			DD.MM.YYYY

Issue Status

S2 - FOR INFORMATION

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Client/Project
PELLIKAAN

TROWBRIDGE LEISURE CENTRE

Title
INFODRAINAGE CALCULATION LAYOUT

Project No. 333700603	## Scale NTS
Revision PO1	Drawing No. TLC-HYD-XX-XX-SK-C-7740