C2 THE BRITLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: C2@ 4.2	Company Address:		

Catchment Area (1) Type : Catchment Area

Area (ha)	0.028

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (2) Type : Catchment Area

Area (ha)	0.027

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (3) Type : Catchment Area

Area (ha)	0.031

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (4) Type : Catchment Area

Area (ha)	0.021

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: C2@ 4.2	Company Address:		

Catchment Area (5) Type : Catchment Area

Area (ha)	0.018

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (6) Type : Catchment Area

Area (ha)	0.017

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (7) Type : Catchment Area

Area (ha)	0.016

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (8) Type : Catchment Area

Area (ha)	0.002

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (9) Type : Catchment Area

Area (ha)	0.013

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (10) Type : Catchment Area

Area (ha)	0.005

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (11) Type : Catchment Area

Area (ha)	0.004

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (12) Type : Catchment Area

Area (ha)	0.004

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (13) Type : Catchment Area

Area (ha)	0.002

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (18) Type : Catchment Area

Area (ha)	0.021

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area (21) Type : Catchment Area

Area (ha)	0.005

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Catchment Area Type : Catchment Area

Area (ha)	0.002

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Inflows Storm Phase: C2@ 4.2	Company Address:		

Catchment Area (22)

Type : Catchment Area

Area (ha)	0.01

Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	1.000
Winter Volumetric Runoff	1.000
Time of Concentration (mins)	5
Percentage Impervious (%)	100

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: C2@ 4.2	Company Address:		

Bioretention Type : Bioretention

Ponding Area

Exceedance Level (m)	59.680
Depth (m)	0.200
Base Level (m)	59.480
Top Area (m²)	191.48
Side Slope (1:X)	3.00
Base Area (m²)	132.77
Freeboard (mm)	50
Porosity (%)	100
Length (m)	46.923
Long. Slope (1:X)	1000.00
Filtration Rate (m/hr)	0.3
Friction Scheme	Manning's n
n	0.03
Total Volume (m³)	108.521

Filter Area

Base Level (m)	58.330

Filtration Layers

Use	Name	Filtration Layer Depth (mm)	Porosity (%)	Conductivity (m/hr)	Soil Type
☑	Soil	750	35	5.0	Soil Type
	Storage	400	95	500.0	

Advanced

Ponding Area

Base Perimeter (m)	103.273
Top Perimeter (m)	105.673



Porous Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	59.850
Depth (m)	0.385
Base Level (m)	59.465
Paving Layer Depth (mm)	35
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	6.185
Long. Slope (1:X)	2000.00
Width (m)	20.165
Total Volume (m³)	13.095

Advanced

Conductivity (m/hr)	50.0



Porous Paving (2)

Type : Porous Paving

Dimensions

Exceedance Level (m)	59.535
Depth (m)	0.199
Base Level (m)	59.336
Paving Layer Depth (mm)	24
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	30.049
Long. Slope (1:X)	2000.00
Width (m)	2.144
Total Volume (m³)	3.547

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	100
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	50.0



Porous Paving (3)

Type : Porous Paving

Dimensions

Exceedance Level (m)	59.650
Depth (m)	0.199
Base Level (m)	59.451
Paving Layer Depth (mm)	24
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	6.610
Long. Slope (1:X)	2000.00
Width (m)	2.317
Total Volume (m³)	0.804

Advanced

Conductivity (m/hr)	50.0



Porous Paving (4)

Type : Porous Paving

Dimensions

Exceedance Level (m)	59.550
Depth (m)	0.199
Base Level (m)	59.351
Paving Layer Depth (mm)	24
Membrane Percolation (m/hr)	2.5
Porosity (%)	30
Length (m)	12.869
Long. Slope (1:X)	2000.00
Width (m)	3.405
Total Volume (m³)	2.371

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	100
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	50.0

C2 THE BRTILES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: C2@ 4.2	Company Address:		

Cellular Storage Type : Cellular Storage

Dimensions

Exceedance Level (m)	60.200
Depth (m)	2.000
Base Level (m)	56.941
Number of Crates Long	9
Number of Crates Wide	7
Number of Crates High	5
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	0.5
Crate Height (m)	0.4
Total Volume (m³)	61.109

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: C2@ 4.2	Company Address:		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	SW13		Time of Concentration	0.002	100	0	100	0.002
Catchment Area (1)	SW4		Time of Concentration	0.026	100	0	100	0.026
Catchment Area (2)	SW5		Time of Concentration	0.027	100	0	100	0.027
Catchment Area (3)	Bioretention		Time of Concentration	0.031	100	0	100	0.031
Catchment Area (4)	SW6		Time of Concentration	0.021	100	0	100	0.021
Catchment Area (5)	Bioretention		Time of Concentration	0.018	100	0	100	0.018
Catchment Area (6)	SW11		Time of Concentration	0.017	100	0	100	0.017
Catchment Area (7)	SW11		Time of Concentration	0.016	100	0	100	0.016
Catchment Area (8)	Porous Paving (3)		Time of Concentration	0.002	100	0	100	0.002
Catchment Area (9)	Porous Paving		Time of Concentration	0.013	100	0	100	0.013
Catchment Area (10)	SW12		Time of Concentration	0.005	100	0	100	0.005
Catchment Area (11)	Porous Paving (4)		Time of Concentration	0.004	100	0	100	0.004
Catchment Area (12)	Porous Paving (2)		Time of Concentration	0.004	100	0	100	0.004
Catchment Area (13)	Porous Paving (2)		Time of Concentration	0.002	100	0	100	0.002
Catchment Area (18)	Bioretention		Time of Concentration	0.021	100	0	100	0.021
Catchment Area (21)	SW12		Time of Concentration	0.005	100	0	100	0.005
Catchment Area (22)	Bioretention		Time of Concentration	0.010	100	0	100	0.010
TOTAL		**0.0**		**0.226**				**0.226**

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Outfall Details Storm Phase: C2@ 4.2	Company Address:		

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
CW1	Free Discharge			

C2 THE BIRTLES:	Date: 25/09/2026			
	Designed by: ZA	Checked by:	Approved By:	
Report Title: Rainfall Analysis Criteria	Company Address:			

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)	300
Perform No Discharge Analysis	☐

Rainfall

FEH

Type: FEH

Site Location	GB 382517 387053 SJ 82517 87053
Rainfall Version	2022
Summer	☑
Winter	☑

Return Period

Return Period (years)	Increase Rainfall (%)
100.0	45.000
2.0	0.000
30.0	0.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
240	480
360	720
480	960
960	1920
1440	2880

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Outflow

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
SW1	FEH: 100 years: +45 %: 15 mins: Summer	60.317	58.967	58.967	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW2	FEH: 100 years: +45 %: 15 mins: Summer	59.640	58.753	58.807	0.054	4.7	0.015	0.000	4.4	2.293	OK
SW4	FEH: 100 years: +45 %: 15 mins: Summer	59.486	58.210	58.351	0.141	22.8	0.040	0.000	19.4	9.892	OK
SW5	FEH: 100 years: +45 %: 15 mins: Summer	59.526	58.075	58.347	0.272	41.5	0.077	0.000	38.5	19.403	Surcharged
SW6	FEH: 100 years: +45 %: 15 mins: Summer	59.526	57.683	58.205	0.522	59.4	0.148	0.000	57.1	29.024	Surcharged
SW7	FEH: 100 years: +45 %: 15 mins: Summer	60.213	57.565	58.177	0.612	57.8	0.173	0.000	57.2	29.512	Surcharged
SW13	FEH: 100 years: +45 %: 120 mins: Winter	60.270	56.935	58.847	1.912	4.6	3.379	0.000	4.1	48.406	Surcharged
SW3	FEH: 100 years: +45 %: 15 mins: Summer	59.542	57.725	58.280	0.555	45.5	0.157	0.000	42.7	22.742	Surcharged
CW1	FEH: 100 years: +45 %: 120 mins: Winter	60.200	56.864	56.920	0.056	4.1	0.000	0.000	4.1	48.289	OK
SW14	FEH: 100 years: +45 %: 120 mins: Winter	60.200	56.893	56.953	0.060	4.1	0.017	0.000	4.1	48.289	OK
SW9	FEH: 100 years: +45 %: 120 mins: Summer	59.700	57.840	58.834	0.994	1.2	0.281	0.000	0.5	3.322	Surcharged
SW10	FEH: 100 years: +45 %: 120 mins: Summer	59.700	57.794	58.833	1.040	2.2	0.294	0.000	0.5	4.979	Surcharged
SW11	FEH: 100 years: +45 %: 15 mins: Summer	60.500	59.300	59.351	0.051	26.7	0.015	0.000	26.6	11.575	OK
SW12	FEH: 100 years: +45 %: 15 mins: Summer	60.120	56.950	58.177	1.227	34.1	1.062	0.000	30.4	13.398	Surcharged

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow

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
SW1	FEH: 2 years: +0 %: 15 mins: Summer	60.317	58.967	58.967	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW2	FEH: 2 years: +0 %: 30 mins: Summer	59.640	58.753	58.775	0.022	0.8	0.006	0.000	0.8	0.716	OK
SW4	FEH: 2 years: +0 %: 15 mins: Summer	59.488	58.210	58.248	0.038	5.6	0.011	0.000	5.6	2.438	OK
SW5	FEH: 2 years: +0 %: 15 mins: Summer	59.526	58.075	58.122	0.047	11.0	0.013	0.000	10.9	4.800	OK
SW6	FEH: 2 years: +0 %: 15 mins: Summer	59.526	57.683	57.790	0.107	15.7	0.030	0.000	15.0	7.390	OK
SW7	FEH: 2 years: +0 %: 15 mins: Summer	60.213	57.565	57.673	0.108	15.1	0.031	0.000	14.3	7.549	OK
SW13	FEH: 2 years: +0 %: 120 mins: Summer	60.270	58.935	57.325	0.390	3.7	0.689	0.000	3.3	25.367	Surcharged
SW3	FEH: 2 years: +0 %: 15 mins: Summer	59.542	57.725	57.821	0.096	12.0	0.027	0.000	11.6	5.616	OK
CW1	FEH: 2 years: +0 %: 120 mins: Summer	60.200	56.864	56.915	0.050	3.3	0.000	0.000	3.3	25.338	OK
SW14	FEH: 2 years: +0 %: 120 mins: Summer	60.200	56.893	56.947	0.054	3.3	0.015	0.000	3.3	25.338	OK
SW9	FEH: 2 years: +0 %: 1440 mins: Summer	59.700	57.840	57.851	0.011	0.2	0.003	0.000	0.2	18.106	OK
SW10	FEH: 2 years: +0 %: 1440 mins: Summer	59.700	57.794	57.805	0.011	0.2	0.003	0.000	0.2	18.097	OK
SW11	FEH: 2 years: +0 %: 15 mins: Summer	60.500	59.300	59.326	0.026	6.6	0.007	0.000	6.6	2.851	OK
SW12	FEH: 2 years: +0 %: 15 mins: Summer	60.120	56.950	57.211	0.261	8.4	0.226	0.000	7.5	3.366	Surcharged

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Outflow

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
SW1	FEH: 30 years: +0 %: 15 mins: Summer	60.317	58.967	58.967	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW2	FEH: 30 years: +0 %: 15 mins: Summer	59.640	58.753	58.790	0.037	2.4	0.010	0.000	2.2	1.209	OK
SW4	FEH: 30 years: +0 %: 15 mins: Summer	59.486	58.210	58.271	0.061	12.4	0.017	0.000	12.3	5.381	OK
SW5	FEH: 30 years: +0 %: 15 mins: Summer	59.526	58.075	58.151	0.076	24.3	0.021	0.000	24.1	10.595	OK
SW6	FEH: 30 years: +0 %: 15 mins: Summer	59.526	57.683	57.874	0.191	35.4	0.054	0.000	33.8	16.554	OK
SW7	FEH: 30 years: +0 %: 15 mins: Summer	60.213	57.565	57.746	0.181	34.0	0.051	0.000	32.7	17.190	OK
SW13	FEH: 30 years: +0 %: 240 mins: Summer	60.270	56.935	57.877	0.942	4.0	1.665	0.000	3.3	65.179	Surcharged
SW3	FEH: 30 years: +0 %: 15 mins: Summer	59.542	57.725	57.903	0.178	27.3	0.050	0.000	26.3	12.621	OK
CW1	FEH: 30 years: +0 %: 240 mins: Summer	60.200	56.864	56.915	0.050	3.3	0.000	0.000	3.3	65.145	OK
SW14	FEH: 30 years: +0 %: 240 mins: Summer	60.200	56.893	56.947	0.054	3.3	0.015	0.000	3.3	65.145	OK
SW9	FEH: 30 years: +0 %: 120 mins: Summer	59.700	57.840	57.934	0.094	0.2	0.027	0.000	0.3	2.116	OK
SW10	FEH: 30 years: +0 %: 120 mins: Summer	59.700	57.794	57.934	0.140	0.3	0.040	0.000	0.4	2.150	OK
SW11	FEH: 30 years: +0 %: 15 mins: Summer	60.500	59.300	59.337	0.037	14.5	0.010	0.000	14.4	6.285	OK
SW12	FEH: 30 years: +0 %: 15 mins: Summer	60.120	56.950	57.624	0.674	16.5	0.584	0.000	16.6	7.280	Surcharged

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Resident Volume

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 Resident Volume (m³)	Max Flooded Volume (m³)	Total Lost Volume (m³)	Max Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FEH: 100 years: +45 %: 360 mins: Summer	59.667	59.475	0.199	0.010	2.0	3.850	0.000	0.000	1.1	9.904	70.598	OK
Porous Paving (2)	FEH: 100 years: +45 %: 30 mins: Summer	59.443	59.398	0.092	0.062	3.5	1.568	0.000	0.000	2.2	2.681	55.789	OK
Porous Paving (3)	FEH: 100 years: +45 %: 240 mins: Summer	59.658	59.458	0.204	0.007	0.3	0.451	0.037	0.000	0.2	1.049	43.875	Flood
Porous Paving (4)	FEH: 100 years: +45 %: 30 mins: Summer	59.423	59.361	0.065	0.010	2.8	0.591	0.000	0.000	2.6	2.304	75.076	OK
Cellular Storage	FEH: 100 years: +45 %: 120 mins: Winter	58.848	58.848	1.907	1.907	27.3	57.058	0.000	0.000	4.1	52.311	6.630	OK
Bioretention	FEH: 100 years: +45 %: 1440 mins: Winter	59.265	59.529	0.886	1.199	2.9	86.303	0.000	0.000	0.3	41.889	20.474	OK

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

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 Resident Volume (m³)	Max Flooded Volume (m³)	Total Lost Volume (m³)	Max Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FEH: 2 years: +0 %: 1440 mins: Summer	59.544	59.469	0.076	0.004	0.2	1.475	0.000	0.000	0.1	4.489	88.735	OK
Porous Paving (2)	FEH: 2 years: +0 %: 120 mins: Summer	59.384	59.355	0.033	0.019	0.6	0.596	0.000	0.000	0.4	1.085	83.206	OK
Porous Paving (3)	FEH: 2 years: +0 %: 480 mins: Summer	59.533	59.454	0.079	0.003	0.1	0.185	0.000	0.000	0.0	0.388	77.053	OK
Porous Paving (4)	FEH: 2 years: +0 %: 60 mins: Summer	59.385	59.356	0.028	0.005	0.6	0.260	0.000	0.000	0.5	0.633	89.033	OK
Cellular Storage	FEH: 2 years: +0 %: 120 mins: Summer	57.325	57.325	0.384	0.384	11.1	11.493	0.000	0.000	3.5	25.008	81.192	OK
Bioretention	FEH: 2 years: +0 %: 1440 mins: Summer	58.779	58.730	0.400	0.400	1.4	25.346	0.000	0.000	0.2	18.121	76.644	OK

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: C2@ 4.2	Company Address:		

FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

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 Resident Volume (m³)	Max Flooded Volume (m³)	Total Lost Volume (m³)	Max Outflow (L/s)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FEH: 30 years: +0 %: 480 mins: Summer	59.590	59.472	0.122	0.007	0.9	2.362	0.000	0.000	0.5	5.666	81.966	OK
Porous Paving (2)	FEH: 30 years: +0 %: 60 mins: Summer	59.409	59.375	0.058	0.039	1.6	1.035	0.000	0.000	1.1	1.871	70.829	OK
Porous Paving (3)	FEH: 30 years: +0 %: 960 mins: Summer	59.583	59.454	0.129	0.003	0.1	0.302	0.000	0.000	0.0	0.978	62.442	OK
Porous Paving (4)	FEH: 30 years: +0 %: 30 mins: Summer	59.403	59.358	0.046	0.007	1.5	0.418	0.000	0.000	1.3	1.178	82.374	OK
Cellular Storage	FEH: 30 years: +0 %: 120 mins: Winter	57.935	57.935	0.994	0.994	16.7	29.745	0.000	0.000	3.8	37.926	51.325	OK
Bioretention	FEH: 30 years: +0 %: 1440 mins: Winter	58.779	58.730	0.400	0.400	1.6	44.355	0.000	0.000	0.3	30.417	59.128	OK



SWP1 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.008	0.0
10	0.027	0.0
15	0.018	0.0
20	0.010	0.0
25	0.005	0.0
30	0.005	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



SWP3 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.072	11.2
10	0.225	37.2
15	0.225	12.0
20	0.225	0.3
25	0.225	0.1
30	0.225	0.1



SWP4 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.092	10.0
10	0.225	42.7
15	0.225	15.5
20	0.225	1.5
25	0.225	0.6
30	0.225	0.5

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



SWP5 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.015	0.3
10	0.052	4.4
15	0.036	2.2
20	0.019	0.6
25	0.011	0.2
30	0.009	0.1



Pipe Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.092	11.8
10	0.225	57.2
15	0.225	21.1
20	0.225	3.1
25	0.225	1.6
30	0.225	1.1



SWP18 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 120 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.010	0.2
15	0.024	1.0
20	0.034	1.8
25	0.041	2.4
30	0.044	2.8
35	0.046	3.0
40	0.048	3.2
45	0.049	3.3
50	0.048	3.3
55	0.045	2.9
60	0.045	2.9
65	0.048	3.2
70	0.050	3.5
75	0.052	3.7
80	0.053	3.8
85	0.054	3.9
90	0.054	4.0
95	0.054	4.0
100	0.055	4.0
105	0.055	4.0
110	0.055	4.0
115	0.055	4.1
120	0.055	4.1
125	0.055	4.0
130	0.055	4.0
135	0.054	4.0
140	0.054	4.0
145	0.054	3.9
150	0.054	3.9
155	0.054	3.9
160	0.053	3.9
165	0.053	3.8
170	0.053	3.8
175	0.053	3.8
180	0.052	3.8
185	0.052	3.7
190	0.052	3.7
195	0.052	3.7
200	0.052	3.7
205	0.051	3.6
210	0.051	3.6
215	0.051	3.6
220	0.051	3.6
225	0.051	3.5
230	0.050	3.5
235	0.050	3.5
240	0.050	3.4

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



SWP19 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 120 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.009	0.1
15	0.027	0.9
20	0.038	1.8
25	0.044	2.4
30	0.048	2.8
35	0.049	3.0
40	0.051	3.2
45	0.052	3.3
50	0.052	3.3
55	0.049	3.0
60	0.048	2.9
65	0.051	3.2
70	0.053	3.5
75	0.055	3.7
80	0.056	3.8
85	0.057	3.9
90	0.057	4.0
95	0.058	4.0
100	0.058	4.0
105	0.058	4.0
110	0.058	4.0
115	0.058	4.1
120	0.058	4.1
125	0.058	4.0
130	0.058	4.0
135	0.058	4.0
140	0.057	4.0
145	0.057	3.9
150	0.057	3.9
155	0.057	3.9
160	0.057	3.9
165	0.056	3.8
170	0.056	3.8
175	0.056	3.8
180	0.056	3.8
185	0.056	3.7
190	0.055	3.7
195	0.055	3.7
200	0.055	3.7
205	0.055	3.6
210	0.054	3.6
215	0.054	3.6
220	0.054	3.6
225	0.054	3.5
230	0.054	3.5
235	0.053	3.5
240	0.053	3.4

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



SWP22 Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 30 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.029	2.6
10	0.036	4.0
15	0.072	15.0
20	0.146	13.4
25	0.225	4.1
30	0.225	2.4
35	0.225	0.1
40	0.225	0.1
45	0.225	0.1
50	0.225	0.1
55	0.225	0.1
60	0.225	0.1



Pipe (1) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 60 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.017	0.4
10	0.080	1.5
15	0.141	2.8
20	0.216	3.4
25	0.225	4.1
30	0.225	4.9
35	0.225	4.8
40	0.225	4.4
45	0.225	4.1
50	0.225	4.0
55	0.225	4.0
60	0.225	4.0
65	0.225	3.9
70	0.225	3.8
75	0.225	3.8
80	0.225	3.8
85	0.225	3.7
90	0.225	3.7
95	0.225	3.7
100	0.225	3.7
105	0.225	3.6
110	0.225	3.6
115	0.225	3.6
120	0.225	3.6



Pipe (2) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.006	0.1
15	0.124	0.2
20	0.150	0.2
25	0.150	0.2
30	0.150	0.2



Pipe (3) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 960 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.001	0.0
145	0.002	0.0
150	0.003	0.0
155	0.003	0.0
160	0.004	0.0
165	0.004	0.0
170	0.004	0.0
175	0.005	0.0
180	0.005	0.0
185	0.006	0.0
190	0.006	0.0
195	0.006	0.1
200	0.006	0.1
205	0.007	0.1
210	0.007	0.1
215	0.007	0.1
220	0.007	0.1
225	0.007	0.1
230	0.007	0.1
235	0.008	0.1
240	0.008	0.1
245	0.008	0.1
250	0.008	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.008	0.1
260	0.008	0.1
265	0.008	0.1
270	0.008	0.1
275	0.008	0.1
280	0.009	0.1
285	0.009	0.1
290	0.009	0.1
295	0.009	0.1
300	0.009	0.1
305	0.009	0.1
310	0.009	0.1
315	0.009	0.1
320	0.010	0.1
325	0.010	0.1
330	0.010	0.1
335	0.010	0.1
340	0.010	0.1
345	0.010	0.1
350	0.010	0.1
355	0.010	0.1
360	0.011	0.1
365	0.011	0.2
370	0.011	0.2
375	0.011	0.2
380	0.011	0.2
385	0.011	0.2
390	0.011	0.2
395	0.011	0.2
400	0.012	0.2
405	0.012	0.2
410	0.012	0.2
415	0.012	0.2
420	0.012	0.2
425	0.012	0.2
430	0.012	0.2
435	0.012	0.2
440	0.013	0.2
445	0.013	0.2
450	0.013	0.2
455	0.013	0.2
460	0.013	0.2
465	0.013	0.2
470	0.013	0.2
475	0.013	0.2
480	0.013	0.2
485	0.014	0.3
490	0.018	0.3
495	0.034	0.3
500	0.065	0.1
505	0.097	0.1
510	0.128	0.1
515	0.150	0.2
520	0.150	0.2
525	0.150	0.2
530	0.150	0.2
535	0.150	0.2
540	0.150	0.2
545	0.150	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.150	0.2
555	0.150	0.2
560	0.150	0.2
565	0.150	0.2
570	0.150	0.2
575	0.150	0.2
580	0.150	0.2
585	0.150	0.2
590	0.150	0.2
595	0.150	0.2
600	0.150	0.3
605	0.150	0.3
610	0.150	0.2
615	0.150	0.2
620	0.150	0.2
625	0.150	0.2
630	0.150	0.3
635	0.150	0.3
640	0.150	0.3
645	0.150	0.3
650	0.150	0.3
655	0.150	0.3
660	0.150	0.3
665	0.150	0.3
670	0.150	0.3
675	0.150	0.3
680	0.150	0.3
685	0.150	0.3
690	0.150	0.3
695	0.150	0.3
700	0.150	0.3
705	0.150	0.3
710	0.150	0.3
715	0.150	0.3
720	0.150	0.3
725	0.150	0.3
730	0.150	0.3
735	0.150	0.3
740	0.150	0.3
745	0.150	0.3
750	0.150	0.3
755	0.150	0.3
760	0.150	0.3
765	0.150	0.3
770	0.150	0.3
775	0.150	0.3
780	0.150	0.3
785	0.150	0.3
790	0.150	0.3
795	0.150	0.3
800	0.150	0.3
805	0.150	0.3
810	0.150	0.3
815	0.150	0.3
820	0.150	0.3
825	0.150	0.3
830	0.150	0.3
835	0.150	0.3
840	0.150	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.150	0.3
850	0.150	0.3
855	0.150	0.3
860	0.150	0.3
865	0.150	0.3
870	0.146	0.3
875	0.135	0.3
880	0.124	0.3
885	0.113	0.3
890	0.102	0.3
895	0.091	0.3
900	0.081	0.3
905	0.070	0.3
910	0.058	0.3
915	0.047	0.3
920	0.037	0.3
925	0.030	0.3
930	0.024	0.3
935	0.018	0.3
940	0.014	0.3
945	0.015	0.3
950	0.015	0.3
955	0.015	0.3
960	0.015	0.3
965	0.015	0.3
970	0.015	0.3
975	0.015	0.3
980	0.015	0.3
985	0.015	0.3
990	0.015	0.3
995	0.015	0.3
1000	0.015	0.3
1005	0.015	0.3
1010	0.015	0.3
1015	0.015	0.3
1020	0.015	0.3
1025	0.015	0.3
1030	0.015	0.3
1035	0.015	0.3
1040	0.015	0.3
1045	0.015	0.3
1050	0.015	0.3
1055	0.015	0.3
1060	0.015	0.3
1065	0.015	0.3
1070	0.015	0.3
1075	0.015	0.3
1080	0.015	0.3
1085	0.015	0.3
1090	0.015	0.3
1095	0.015	0.3
1100	0.015	0.3
1105	0.015	0.3
1110	0.015	0.3
1115	0.015	0.3
1120	0.015	0.3
1125	0.015	0.3
1130	0.015	0.3
1135	0.015	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.015	0.3
1145	0.015	0.3
1150	0.015	0.3
1155	0.015	0.3
1160	0.015	0.3
1165	0.015	0.3
1170	0.015	0.3
1175	0.015	0.3
1180	0.015	0.3
1185	0.015	0.3
1190	0.015	0.3
1195	0.015	0.3
1200	0.015	0.3
1205	0.015	0.3
1210	0.015	0.3
1215	0.015	0.3
1220	0.015	0.3
1225	0.015	0.3
1230	0.015	0.3
1235	0.015	0.3
1240	0.015	0.3
1245	0.015	0.3
1250	0.015	0.3
1255	0.015	0.3
1260	0.015	0.3
1265	0.015	0.3
1270	0.015	0.3
1275	0.015	0.3
1280	0.015	0.3
1285	0.015	0.3
1290	0.015	0.3
1295	0.015	0.3
1300	0.015	0.3
1305	0.015	0.3
1310	0.015	0.3
1315	0.015	0.3
1320	0.015	0.3
1325	0.015	0.3
1330	0.015	0.3
1335	0.015	0.3
1340	0.015	0.3
1345	0.015	0.3
1350	0.015	0.3
1355	0.015	0.3
1360	0.015	0.3
1365	0.015	0.3
1370	0.015	0.3
1375	0.015	0.3
1380	0.015	0.3
1385	0.015	0.3
1390	0.015	0.3
1395	0.015	0.3
1400	0.015	0.3
1405	0.015	0.3
1410	0.015	0.3
1415	0.015	0.3
1420	0.015	0.3
1425	0.015	0.3
1430	0.015	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.015	0.3
1440	0.015	0.3
1445	0.015	0.3
1450	0.015	0.3
1455	0.015	0.3
1460	0.015	0.3
1465	0.015	0.3
1470	0.015	0.3
1475	0.015	0.3
1480	0.015	0.3
1485	0.015	0.3
1490	0.015	0.3
1495	0.015	0.3
1500	0.015	0.3
1505	0.015	0.3
1510	0.015	0.3
1515	0.015	0.3
1520	0.015	0.3
1525	0.015	0.3
1530	0.015	0.3
1535	0.015	0.3
1540	0.015	0.3
1545	0.015	0.3
1550	0.015	0.3
1555	0.015	0.3
1560	0.015	0.3
1565	0.015	0.3
1570	0.015	0.3
1575	0.015	0.3
1580	0.015	0.3
1585	0.015	0.3
1590	0.015	0.3
1595	0.015	0.3
1600	0.015	0.3
1605	0.014	0.3
1610	0.014	0.3
1615	0.014	0.3
1620	0.014	0.3
1625	0.014	0.3
1630	0.014	0.3
1635	0.014	0.3
1640	0.014	0.3
1645	0.014	0.3
1650	0.014	0.3
1655	0.014	0.3
1660	0.014	0.3
1665	0.014	0.3
1670	0.014	0.3
1675	0.014	0.3
1680	0.014	0.3
1685	0.014	0.3
1690	0.014	0.3
1695	0.014	0.3
1700	0.014	0.3
1705	0.014	0.3
1710	0.014	0.3
1715	0.014	0.3
1720	0.014	0.3
1725	0.014	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.014	0.3
1735	0.014	0.3
1740	0.014	0.3
1745	0.014	0.3
1750	0.014	0.3
1755	0.014	0.3
1760	0.014	0.3
1765	0.014	0.3
1770	0.014	0.3
1775	0.014	0.3
1780	0.014	0.3
1785	0.014	0.3
1790	0.014	0.3
1795	0.014	0.3
1800	0.014	0.3
1805	0.014	0.3
1810	0.014	0.3
1815	0.014	0.3
1820	0.014	0.3
1825	0.014	0.3
1830	0.014	0.3
1835	0.014	0.3
1840	0.014	0.3
1845	0.014	0.3
1850	0.014	0.3
1855	0.014	0.3
1860	0.014	0.3
1865	0.014	0.3
1870	0.014	0.3
1875	0.014	0.3
1880	0.014	0.3
1885	0.014	0.3
1890	0.014	0.3
1895	0.014	0.3
1900	0.014	0.3
1905	0.014	0.3
1910	0.014	0.3
1915	0.014	0.3
1920	0.014	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



Pipe (4) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 960 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.002	0.0
155	0.003	0.0
160	0.003	0.0
165	0.004	0.0
170	0.004	0.0
175	0.005	0.0
180	0.005	0.0
185	0.006	0.0
190	0.006	0.0
195	0.006	0.1
200	0.006	0.1
205	0.006	0.1
210	0.007	0.1
215	0.007	0.1
220	0.007	0.1
225	0.007	0.1
230	0.007	0.1
235	0.007	0.1
240	0.007	0.1
245	0.008	0.1
250	0.008	0.1

Time (mins)	Depth (m)	Flow (L/s)
255	0.008	0.1
260	0.008	0.1
265	0.008	0.1
270	0.008	0.1
275	0.008	0.1
280	0.008	0.1
285	0.008	0.1
290	0.009	0.1
295	0.009	0.1
300	0.009	0.1
305	0.009	0.1
310	0.009	0.1
315	0.009	0.1
320	0.009	0.1
325	0.009	0.1
330	0.010	0.1
335	0.010	0.1
340	0.010	0.1
345	0.010	0.1
350	0.010	0.1
355	0.010	0.1
360	0.010	0.1
365	0.010	0.2
370	0.011	0.2
375	0.011	0.2
380	0.011	0.2
385	0.011	0.2
390	0.011	0.2
395	0.011	0.2
400	0.011	0.2
405	0.011	0.2
410	0.012	0.2
415	0.012	0.2
420	0.012	0.2
425	0.012	0.2
430	0.012	0.2
435	0.012	0.2
440	0.012	0.2
445	0.012	0.2
450	0.013	0.2
455	0.013	0.2
460	0.013	0.2
465	0.013	0.2
470	0.013	0.2
475	0.013	0.2
480	0.013	0.2
485	0.013	0.3
490	0.033	0.1
495	0.066	0.1
500	0.098	-0.0
505	0.130	0.0
510	0.150	0.0
515	0.150	0.0
520	0.150	0.0
525	0.150	0.1
530	0.150	0.1
535	0.150	0.1
540	0.150	0.1
545	0.150	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.150	0.1
555	0.150	0.1
560	0.150	0.1
565	0.150	0.2
570	0.150	0.2
575	0.150	0.2
580	0.150	0.2
585	0.150	0.2
590	0.150	0.2
595	0.150	0.2
600	0.150	0.2
605	0.150	0.2
610	0.150	0.2
615	0.150	0.2
620	0.150	0.2
625	0.150	0.2
630	0.150	0.2
635	0.150	0.2
640	0.150	0.3
645	0.150	0.3
650	0.150	0.3
655	0.150	0.3
660	0.150	0.3
665	0.150	0.3
670	0.150	0.3
675	0.150	0.3
680	0.150	0.3
685	0.150	0.3
690	0.150	0.4
695	0.150	0.4
700	0.150	0.3
705	0.150	0.4
710	0.150	0.4
715	0.150	0.4
720	0.150	0.4
725	0.150	0.4
730	0.150	0.4
735	0.150	0.4
740	0.150	0.4
745	0.150	0.4
750	0.150	0.4
755	0.150	0.4
760	0.150	0.4
765	0.150	0.4
770	0.150	0.4
775	0.150	0.4
780	0.150	0.4
785	0.150	0.4
790	0.150	0.4
795	0.150	0.4
800	0.150	0.4
805	0.150	0.4
810	0.150	0.4
815	0.150	0.4
820	0.150	0.4
825	0.150	0.4
830	0.150	0.4
835	0.150	0.4
840	0.150	0.4

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.150	0.4
850	0.150	0.4
855	0.150	0.4
860	0.150	0.4
865	0.150	0.4
870	0.150	0.4
875	0.150	0.4
880	0.150	0.4
885	0.146	0.4
890	0.135	0.4
895	0.124	0.4
900	0.113	0.4
905	0.102	0.4
910	0.091	0.4
915	0.080	0.4
920	0.068	0.4
925	0.056	0.3
930	0.044	0.3
935	0.031	0.3
940	0.021	0.3
945	0.014	0.3
950	0.014	0.3
955	0.014	0.3
960	0.014	0.3
965	0.014	0.3
970	0.014	0.3
975	0.014	0.3
980	0.014	0.3
985	0.014	0.3
990	0.014	0.3
995	0.014	0.3
1000	0.014	0.3
1005	0.014	0.3
1010	0.014	0.3
1015	0.014	0.3
1020	0.014	0.3
1025	0.014	0.3
1030	0.014	0.3
1035	0.014	0.3
1040	0.014	0.3
1045	0.014	0.3
1050	0.014	0.3
1055	0.014	0.3
1060	0.014	0.3
1065	0.014	0.3
1070	0.014	0.3
1075	0.014	0.3
1080	0.014	0.3
1085	0.014	0.3
1090	0.014	0.3
1095	0.014	0.3
1100	0.014	0.3
1105	0.014	0.3
1110	0.014	0.3
1115	0.014	0.3
1120	0.014	0.3
1125	0.014	0.3
1130	0.014	0.3
1135	0.014	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.014	0.3
1145	0.014	0.3
1150	0.014	0.3
1155	0.014	0.3
1160	0.014	0.3
1165	0.014	0.3
1170	0.014	0.3
1175	0.014	0.3
1180	0.014	0.3
1185	0.014	0.3
1190	0.014	0.3
1195	0.014	0.3
1200	0.014	0.3
1205	0.014	0.3
1210	0.014	0.3
1215	0.014	0.3
1220	0.014	0.3
1225	0.014	0.3
1230	0.014	0.3
1235	0.014	0.3
1240	0.014	0.3
1245	0.014	0.3
1250	0.014	0.3
1255	0.014	0.3
1260	0.014	0.3
1265	0.014	0.3
1270	0.014	0.3
1275	0.014	0.3
1280	0.014	0.3
1285	0.014	0.3
1290	0.014	0.3
1295	0.014	0.3
1300	0.014	0.3
1305	0.014	0.3
1310	0.014	0.3
1315	0.014	0.3
1320	0.014	0.3
1325	0.014	0.3
1330	0.014	0.3
1335	0.014	0.3
1340	0.014	0.3
1345	0.014	0.3
1350	0.014	0.3
1355	0.014	0.3
1360	0.014	0.3
1365	0.014	0.3
1370	0.014	0.3
1375	0.014	0.3
1380	0.014	0.3
1385	0.014	0.3
1390	0.014	0.3
1395	0.014	0.3
1400	0.014	0.3
1405	0.014	0.3
1410	0.014	0.3
1415	0.014	0.3
1420	0.014	0.3
1425	0.014	0.3
1430	0.014	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.014	0.3
1440	0.014	0.3
1445	0.014	0.3
1450	0.014	0.3
1455	0.014	0.3
1460	0.014	0.3
1465	0.014	0.3
1470	0.014	0.3
1475	0.014	0.3
1480	0.014	0.3
1485	0.014	0.3
1490	0.014	0.3
1495	0.014	0.3
1500	0.014	0.3
1505	0.014	0.3
1510	0.014	0.3
1515	0.014	0.3
1520	0.014	0.3
1525	0.014	0.3
1530	0.014	0.3
1535	0.014	0.3
1540	0.014	0.3
1545	0.014	0.3
1550	0.014	0.3
1555	0.014	0.3
1560	0.014	0.3
1565	0.014	0.3
1570	0.014	0.3
1575	0.014	0.3
1580	0.014	0.3
1585	0.014	0.3
1590	0.014	0.3
1595	0.014	0.3
1600	0.014	0.3
1605	0.014	0.3
1610	0.014	0.3
1615	0.014	0.3
1620	0.014	0.3
1625	0.014	0.3
1630	0.014	0.3
1635	0.014	0.3
1640	0.014	0.3
1645	0.014	0.3
1650	0.014	0.3
1655	0.014	0.3
1660	0.014	0.3
1665	0.014	0.3
1670	0.014	0.3
1675	0.014	0.3
1680	0.014	0.3
1685	0.014	0.3
1690	0.014	0.3
1695	0.014	0.3
1700	0.014	0.3
1705	0.014	0.3
1710	0.014	0.3
1715	0.014	0.3
1720	0.014	0.3
1725	0.014	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.014	0.3
1735	0.014	0.3
1740	0.014	0.3
1745	0.014	0.3
1750	0.014	0.3
1755	0.014	0.3
1760	0.014	0.3
1765	0.014	0.3
1770	0.014	0.3
1775	0.014	0.3
1780	0.014	0.3
1785	0.014	0.3
1790	0.014	0.3
1795	0.014	0.3
1800	0.014	0.3
1805	0.014	0.3
1810	0.014	0.3
1815	0.014	0.3
1820	0.014	0.3
1825	0.014	0.3
1830	0.014	0.3
1835	0.014	0.3
1840	0.014	0.3
1845	0.014	0.3
1850	0.014	0.3
1855	0.014	0.3
1860	0.014	0.3
1865	0.014	0.3
1870	0.014	0.3
1875	0.014	0.3
1880	0.014	0.3
1885	0.014	0.3
1890	0.014	0.3
1895	0.014	0.3
1900	0.014	0.3
1905	0.014	0.3
1910	0.014	0.3
1915	0.014	0.3
1920	0.014	0.3



Pipe (5) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 30 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.004	0.0
10	0.014	0.1
15	0.030	0.4
20	0.036	0.4
25	0.030	0.2
30	0.022	0.1
35	0.016	0.0
40	0.012	0.0
45	0.010	0.0
50	0.009	0.0
55	0.008	0.0
60	0.008	0.0



Pipe (10) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 1440 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.005	0.0
10	0.007	0.0
15	0.007	0.0
20	0.007	0.0
25	0.007	0.0
30	0.007	0.0
35	0.007	0.0
40	0.007	0.0
45	0.007	0.0
50	0.007	0.0
55	0.007	0.0
60	0.007	0.0
65	0.007	0.0
70	0.007	0.0
75	0.008	0.0
80	0.008	0.0
85	0.008	0.0
90	0.008	0.0
95	0.008	0.0
100	0.008	0.0
105	0.008	0.0
110	0.008	0.0
115	0.008	0.0
120	0.008	0.0
125	0.008	0.0
130	0.008	0.0
135	0.008	0.0
140	0.008	0.0
145	0.008	0.0
150	0.008	0.0
155	0.008	0.0
160	0.008	0.0
165	0.008	0.0
170	0.008	0.0
175	0.008	0.0
180	0.008	0.0
185	0.008	0.0
190	0.008	0.0
195	0.008	0.0
200	0.008	0.0
205	0.008	0.0
210	0.008	0.0
215	0.008	0.0
220	0.008	0.0
225	0.008	0.0
230	0.008	0.0
235	0.009	0.0
240	0.009	0.0
245	0.009	0.0
250	0.009	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.009	0.0
260	0.009	0.0
265	0.009	0.0
270	0.009	0.0
275	0.009	0.0
280	0.009	0.0
285	0.009	0.0
290	0.009	0.0
295	0.009	0.0
300	0.009	0.0
305	0.009	0.0
310	0.009	0.0
315	0.009	0.0
320	0.009	0.0
325	0.009	0.0
330	0.009	0.0
335	0.009	0.0
340	0.009	0.0
345	0.009	0.0
350	0.009	0.0
355	0.009	0.0
360	0.009	0.0
365	0.010	0.0
370	0.010	0.0
375	0.010	0.0
380	0.010	0.0
385	0.010	0.0
390	0.010	0.0
395	0.010	0.0
400	0.010	0.0
405	0.010	0.0
410	0.010	0.0
415	0.010	0.0
420	0.010	0.0
425	0.010	0.0
430	0.010	0.0
435	0.011	0.0
440	0.011	0.0
445	0.011	0.0
450	0.011	0.0
455	0.011	0.1
460	0.011	0.1
465	0.011	0.1
470	0.012	0.1
475	0.012	0.1
480	0.012	0.1
485	0.012	0.1
490	0.012	0.1
495	0.012	0.1
500	0.012	0.1
505	0.013	0.1
510	0.013	0.1
515	0.013	0.1
520	0.013	0.1
525	0.014	0.1
530	0.014	0.1
535	0.014	0.1
540	0.014	0.1
545	0.015	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.015	0.1
555	0.015	0.1
560	0.015	0.1
565	0.016	0.1
570	0.016	0.1
575	0.016	0.1
580	0.017	0.1
585	0.017	0.1
590	0.017	0.1
595	0.018	0.1
600	0.019	0.2
605	0.019	0.2
610	0.019	0.2
615	0.019	0.2
620	0.019	0.2
625	0.020	0.1
630	0.020	0.1
635	0.020	0.2
640	0.022	0.2
645	0.022	0.2
650	0.022	0.2
655	0.022	0.2
660	0.022	0.2
665	0.023	0.2
670	0.023	0.2
675	0.024	0.2
680	0.024	0.2
685	0.025	0.2
690	0.025	0.3
695	0.025	0.3
700	0.026	0.3
705	0.026	0.3
710	0.027	0.3
715	0.027	0.3
720	0.027	0.3
725	0.027	0.3
730	0.045	0.3
735	0.064	0.3
740	0.083	0.3
745	0.101	0.3
750	0.118	0.3
755	0.135	0.3
760	0.150	0.3
765	0.150	0.3
770	0.150	0.3
775	0.150	0.3
780	0.150	0.3
785	0.150	0.2
790	0.150	0.2
795	0.150	0.2
800	0.150	0.2
805	0.150	0.2
810	0.150	0.2
815	0.150	0.2
820	0.150	0.2
825	0.150	0.2
830	0.150	0.2
835	0.150	0.2
840	0.150	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.150	0.2
850	0.150	0.2
855	0.150	0.2
860	0.150	0.2
865	0.150	0.2
870	0.150	0.1
875	0.150	0.1
880	0.150	0.1
885	0.150	0.1
890	0.150	0.1
895	0.150	0.1
900	0.150	0.1
905	0.150	0.1
910	0.150	0.1
915	0.150	0.1
920	0.150	0.1
925	0.150	0.1
930	0.150	0.1
935	0.150	0.1
940	0.150	0.1
945	0.150	0.1
950	0.150	0.1
955	0.150	0.1
960	0.150	0.1
965	0.150	0.1
970	0.150	0.1
975	0.150	0.1
980	0.150	0.1
985	0.150	0.1
990	0.150	0.1
995	0.150	0.1
1000	0.150	0.1
1005	0.150	0.1
1010	0.150	0.1
1015	0.150	0.1
1020	0.150	0.1
1025	0.150	0.1
1030	0.150	0.1
1035	0.150	0.1
1040	0.150	0.1
1045	0.150	0.1
1050	0.150	0.1
1055	0.150	0.1
1060	0.150	0.1
1065	0.145	0.1
1070	0.139	0.1
1075	0.133	0.1
1080	0.127	0.1
1085	0.121	0.1
1090	0.115	0.1
1095	0.109	0.1
1100	0.103	0.1
1105	0.097	0.0
1110	0.091	0.0
1115	0.085	0.0
1120	0.080	0.0
1125	0.074	0.0
1130	0.068	0.0
1135	0.063	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.057	0.0
1145	0.051	0.0
1150	0.046	0.0
1155	0.040	0.0
1160	0.035	0.0
1165	0.029	0.0
1170	0.024	0.0
1175	0.019	0.0
1180	0.014	0.0
1185	0.009	0.0
1190	0.009	0.0
1195	0.009	0.0
1200	0.009	0.0
1205	0.009	0.0
1210	0.009	0.0
1215	0.009	0.0
1220	0.009	0.0
1225	0.009	0.0
1230	0.009	0.0
1235	0.009	0.0
1240	0.009	0.0
1245	0.009	0.0
1250	0.009	0.0
1255	0.009	0.0
1260	0.009	0.0
1265	0.009	0.0
1270	0.009	0.0
1275	0.009	0.0
1280	0.009	0.0
1285	0.009	0.0
1290	0.009	0.0
1295	0.009	0.0
1300	0.009	0.0
1305	0.009	0.0
1310	0.009	0.0
1315	0.009	0.0
1320	0.009	0.0
1325	0.009	0.0
1330	0.009	0.0
1335	0.009	0.0
1340	0.009	0.0
1345	0.009	0.0
1350	0.008	0.0
1355	0.008	0.0
1360	0.008	0.0
1365	0.008	0.0
1370	0.008	0.0
1375	0.008	0.0
1380	0.008	0.0
1385	0.008	0.0
1390	0.008	0.0
1395	0.008	0.0
1400	0.008	0.0
1405	0.008	0.0
1410	0.008	0.0
1415	0.008	0.0
1420	0.008	0.0
1425	0.008	0.0
1430	0.008	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.008	0.0
1440	0.008	0.0
1445	0.006	0.0
1450	0.005	0.0
1455	0.004	0.0
1460	0.004	0.0
1465	0.004	0.0
1470	0.004	0.0
1475	0.004	0.0
1480	0.004	0.0
1485	0.003	0.0
1490	0.003	0.0
1495	0.003	0.0
1500	0.003	0.0
1505	0.003	0.0
1510	0.003	0.0
1515	0.003	0.0
1520	0.003	0.0
1525	0.003	0.0
1530	0.003	0.0
1535	0.003	0.0
1540	0.003	0.0
1545	0.003	0.0
1550	0.003	0.0
1555	0.003	0.0
1560	0.003	0.0
1565	0.003	0.0
1570	0.003	0.0
1575	0.003	0.0
1580	0.003	0.0
1585	0.003	0.0
1590	0.003	0.0
1595	0.003	0.0
1600	0.002	0.0
1605	0.002	0.0
1610	0.002	0.0
1615	0.002	0.0
1620	0.002	0.0
1625	0.002	0.0
1630	0.002	0.0
1635	0.002	0.0
1640	0.002	0.0
1645	0.002	0.0
1650	0.002	0.0
1655	0.002	0.0
1660	0.002	0.0
1665	0.002	0.0
1670	0.002	0.0
1675	0.002	0.0
1680	0.002	0.0
1685	0.002	0.0
1690	0.002	0.0
1695	0.002	0.0
1700	0.002	0.0
1705	0.002	0.0
1710	0.002	0.0
1715	0.002	0.0
1720	0.002	0.0
1725	0.002	0.0

Time (mins)	Depth (m)	Flow (L/s)
1730	0.002	0.0
1735	0.002	0.0
1740	0.002	0.0
1745	0.002	0.0
1750	0.002	0.0
1755	0.002	0.0
1760	0.002	0.0
1765	0.002	0.0
1770	0.002	0.0
1775	0.002	0.0
1780	0.002	0.0
1785	0.002	0.0
1790	0.002	0.0
1795	0.002	0.0
1800	0.002	0.0
1805	0.002	0.0
1810	0.002	0.0
1815	0.002	0.0
1820	0.002	0.0
1825	0.002	0.0
1830	0.002	0.0
1835	0.002	0.0
1840	0.002	0.0
1845	0.002	0.0
1850	0.002	0.0
1855	0.002	0.0
1860	0.002	0.0
1865	0.002	0.0
1870	0.002	0.0
1875	0.002	0.0
1880	0.002	0.0
1885	0.002	0.0
1890	0.002	0.0
1895	0.002	0.0
1900	0.002	0.0
1905	0.002	0.0
1910	0.002	0.0
1915	0.002	0.0
1920	0.002	0.0
1925	0.002	0.0
1930	0.002	0.0
1935	0.002	0.0
1940	0.002	0.0
1945	0.002	0.0
1950	0.002	0.0
1955	0.002	0.0
1960	0.002	0.0
1965	0.002	0.0
1970	0.002	0.0
1975	0.002	0.0
1980	0.002	0.0
1985	0.002	0.0
1990	0.002	0.0
1995	0.002	0.0
2000	0.002	0.0
2005	0.002	0.0
2010	0.002	0.0
2015	0.002	0.0
2020	0.002	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.002	0.0
2030	0.002	0.0
2035	0.002	0.0
2040	0.002	0.0
2045	0.002	0.0
2050	0.002	0.0
2055	0.002	0.0
2060	0.002	0.0
2065	0.002	0.0
2070	0.002	0.0
2075	0.002	0.0
2080	0.002	0.0
2085	0.002	0.0
2090	0.002	0.0
2095	0.002	0.0
2100	0.002	0.0
2105	0.002	0.0
2110	0.002	0.0
2115	0.002	0.0
2120	0.002	0.0
2125	0.002	0.0
2130	0.002	0.0
2135	0.002	0.0
2140	0.002	0.0
2145	0.002	0.0
2150	0.002	0.0
2155	0.002	0.0
2160	0.002	0.0
2165	0.001	0.0
2170	0.001	0.0
2175	0.001	0.0
2180	0.001	0.0
2185	0.001	0.0
2190	0.001	0.0
2195	0.001	0.0
2200	0.001	0.0
2205	0.001	0.0
2210	0.001	0.0
2215	0.001	0.0
2220	0.001	0.0
2225	0.001	0.0
2230	0.001	0.0
2235	0.001	0.0
2240	0.001	0.0
2245	0.001	0.0
2250	0.001	0.0
2255	0.001	0.0
2260	0.001	0.0
2265	0.001	0.0
2270	0.001	0.0
2275	0.001	0.0
2280	0.001	0.0
2285	0.001	0.0
2290	0.001	0.0
2295	0.001	0.0
2300	0.001	0.0
2305	0.001	0.0
2310	0.001	0.0
2315	0.001	0.0

Time (mins)	Depth (m)	Flow (L/s)
2320	0.001	0.0
2325	0.001	0.0
2330	0.001	0.0
2335	0.001	0.0
2340	0.001	0.0
2345	0.001	0.0
2350	0.001	0.0
2355	0.001	0.0
2360	0.001	0.0
2365	0.001	0.0
2370	0.001	0.0
2375	0.001	0.0
2380	0.001	0.0
2385	0.001	0.0
2390	0.001	0.0
2395	0.001	0.0
2400	0.001	0.0
2405	0.001	0.0
2410	0.001	0.0
2415	0.001	0.0
2420	0.001	0.0
2425	0.001	0.0
2430	0.001	0.0
2435	0.001	0.0
2440	0.001	0.0
2445	0.001	0.0
2450	0.001	0.0
2455	0.001	0.0
2460	0.001	0.0
2465	0.001	0.0
2470	0.001	0.0
2475	0.001	0.0
2480	0.001	0.0
2485	0.001	0.0
2490	0.001	0.0
2495	0.001	0.0
2500	0.001	0.0
2505	0.001	0.0
2510	0.001	0.0
2515	0.001	0.0
2520	0.001	0.0
2525	0.001	0.0
2530	0.001	0.0
2535	0.001	0.0
2540	0.001	0.0
2545	0.001	0.0
2550	0.001	0.0
2555	0.001	0.0
2560	0.001	0.0
2565	0.001	0.0
2570	0.001	0.0
2575	0.001	0.0
2580	0.001	0.0
2585	0.001	0.0
2590	0.001	0.0
2595	0.001	0.0
2600	0.001	0.0
2605	0.001	0.0
2610	0.001	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.001	0.0
2620	0.001	0.0
2625	0.001	0.0
2630	0.001	0.0
2635	0.001	0.0
2640	0.001	0.0
2645	0.001	0.0
2650	0.001	0.0
2655	0.001	0.0
2660	0.001	0.0
2665	0.001	0.0
2670	0.001	0.0
2675	0.001	0.0
2680	0.001	0.0
2685	0.001	0.0
2690	0.001	0.0
2695	0.001	0.0
2700	0.001	0.0
2705	0.001	0.0
2710	0.001	0.0
2715	0.001	0.0
2720	0.001	0.0
2725	0.001	0.0
2730	0.001	0.0
2735	0.001	0.0
2740	0.001	0.0
2745	0.001	0.0
2750	0.001	0.0
2755	0.001	0.0
2760	0.001	0.0
2765	0.001	0.0
2770	0.001	0.0
2775	0.001	0.0
2780	0.001	0.0
2785	0.001	0.0
2790	0.001	0.0
2795	0.001	0.0
2800	0.001	0.0
2805	0.001	0.0
2810	0.001	0.0
2815	0.001	0.0
2820	0.001	0.0
2825	0.001	0.0
2830	0.001	0.0
2835	0.001	0.0
2840	0.001	0.0
2845	0.001	0.0
2850	0.001	0.0
2855	0.001	0.0
2860	0.001	0.0
2865	0.001	0.0
2870	0.001	0.0
2875	0.001	0.0
2880	0.001	0.0



Pipe (6) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.011	0.6
10	0.037	4.7
15	0.025	1.9
20	0.013	0.5
25	0.008	0.2
30	0.006	0.1



Pipe (7) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.097	12.8
10	0.225	57.1
15	0.225	19.6
20	0.225	1.6
25	0.225	0.7
30	0.225	0.6



Pipe (8) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 30 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.034	0.0
10	0.048	0.1
15	0.100	0.5
20	0.100	2.0
25	0.100	2.2
30	0.100	1.6
35	0.100	1.0
40	0.100	0.6
45	0.100	0.4
50	0.100	0.3
55	0.100	0.2
60	0.100	0.1



Pipe (9) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.053	5.9
10	0.150	26.6
15	0.150	6.1
20	0.150	0.2
25	0.150	0.0
30	0.150	0.0



Pipe (11) Type : Pipe

Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.076	6.9
10	0.150	30.4
15	0.150	7.1
20	0.150	0.2
25	0.150	0.1
30	0.150	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

No Delay
Critical by Return Period: FEH: 100 years: Increase Rainfall (%): +45: 15 mins: Summer

Type : No Delay

Tables

Time (mins)	Flow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0



SWP1 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.011	0.0
15	0.010	0.0
20	0.006	0.0
25	0.004	0.0
30	0.003	0.0



SWP3 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.030	2.4
10	0.072	10.9
15	0.036	2.7
20	0.014	0.2
25	0.007	0.0
30	0.005	0.0



SWP4 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.041	2.3
10	0.101	11.6
15	0.056	4.1
20	0.024	0.8
25	0.013	0.2
30	0.009	0.1



SWP5 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 30 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.006	0.1
15	0.017	0.5
20	0.022	0.8
25	0.017	0.5
30	0.012	0.2
35	0.009	0.1
40	0.007	0.1
45	0.006	0.0
50	0.004	0.0
55	0.003	0.0
60	0.002	0.0

Pipe Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.042	2.6
10	0.102	14.3
15	0.068	6.8
20	0.032	1.6
25	0.017	0.5
30	0.014	0.3



SWP18 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 120 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.003	0.0
15	0.009	0.1
20	0.012	0.3
25	0.016	0.4
30	0.019	0.6
35	0.022	0.8
40	0.025	1.0
45	0.029	1.3
50	0.034	1.8
55	0.041	2.5
60	0.045	2.9
65	0.048	3.2
70	0.049	3.3
75	0.049	3.3
80	0.049	3.3
85	0.049	3.3
90	0.049	3.3
95	0.049	3.3
100	0.049	3.3
105	0.049	3.3
110	0.049	3.3
115	0.048	3.3
120	0.048	3.3
125	0.048	3.2
130	0.047	3.2
135	0.047	3.1
140	0.046	3.0
145	0.045	2.9
150	0.043	2.7
155	0.041	2.4
160	0.037	2.1
165	0.033	1.7
170	0.030	1.4
175	0.027	1.2
180	0.025	1.0
185	0.023	0.8
190	0.021	0.7
195	0.020	0.6
200	0.018	0.5
205	0.017	0.5
210	0.016	0.4
215	0.016	0.4
220	0.015	0.4
225	0.014	0.3
230	0.014	0.3
235	0.013	0.3
240	0.013	0.3



SWP19 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 120 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.001	0.0
15	0.010	0.1
20	0.014	0.2
25	0.018	0.4
30	0.021	0.6
35	0.024	0.7
40	0.028	1.0
45	0.032	1.3
50	0.037	1.8
55	0.044	2.5
60	0.049	2.9
65	0.051	3.2
70	0.052	3.3
75	0.052	3.3
80	0.052	3.3
85	0.052	3.3
90	0.052	3.3
95	0.052	3.3
100	0.052	3.3
105	0.052	3.3
110	0.052	3.3
115	0.052	3.3
120	0.052	3.3
125	0.051	3.2
130	0.051	3.2
135	0.050	3.1
140	0.049	3.0
145	0.048	2.9
150	0.047	2.7
155	0.044	2.4
160	0.041	2.1
165	0.037	1.7
170	0.034	1.4
175	0.031	1.2
180	0.028	1.0
185	0.026	0.8
190	0.024	0.7
195	0.022	0.6
200	0.021	0.6
205	0.020	0.5
210	0.019	0.4
215	0.018	0.4
220	0.017	0.4
225	0.016	0.3
230	0.016	0.3
235	0.015	0.3
240	0.015	0.3



SWP22 Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.020	1.2
10	0.043	5.6
15	0.021	1.4
20	0.006	0.1
25	0.001	0.0
30	0.001	0.0



Pipe (1) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.015	0.3
10	0.127	3.1
15	0.225	3.4
20	0.225	3.1
25	0.225	3.0
30	0.225	2.9



Pipe (2) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.004	0.0
20	0.006	0.1
25	0.006	0.1
30	0.005	0.1



Pipe (3) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 1440 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.000	0.0
305	0.000	0.0
310	0.000	0.0
315	0.000	0.0
320	0.000	0.0
325	0.000	0.0
330	0.000	0.0
335	0.000	0.0
340	0.000	0.0
345	0.000	0.0
350	0.000	0.0
355	0.000	0.0
360	0.000	0.0
365	0.000	0.0
370	0.000	0.0
375	0.000	0.0
380	0.000	0.0
385	0.000	0.0
390	0.000	0.0
395	0.000	0.0
400	0.000	0.0
405	0.000	0.0
410	0.000	0.0
415	0.000	0.0
420	0.000	0.0
425	0.000	0.0
430	0.000	0.0
435	0.000	0.0
440	0.000	0.0
445	0.000	0.0
450	0.000	0.0
455	0.001	0.0
460	0.001	0.0
465	0.002	0.0
470	0.002	0.0
475	0.003	0.0
480	0.003	0.0
485	0.003	0.0
490	0.003	0.0
495	0.003	0.0
500	0.003	0.0
505	0.003	0.0
510	0.003	0.0
515	0.004	0.0
520	0.004	0.0
525	0.004	0.0
530	0.004	0.0
535	0.004	0.0
540	0.004	0.0
545	0.005	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.005	0.0
555	0.005	0.0
560	0.005	0.0
565	0.006	0.0
570	0.006	0.0
575	0.006	0.0
580	0.006	0.1
585	0.006	0.1
590	0.006	0.1
595	0.006	0.1
600	0.007	0.1
605	0.007	0.1
610	0.007	0.1
615	0.007	0.1
620	0.007	0.1
625	0.007	0.1
630	0.007	0.1
635	0.008	0.1
640	0.008	0.1
645	0.008	0.1
650	0.008	0.1
655	0.008	0.1
660	0.008	0.1
665	0.008	0.1
670	0.008	0.1
675	0.008	0.1
680	0.008	0.1
685	0.009	0.1
690	0.009	0.1
695	0.009	0.1
700	0.009	0.1
705	0.009	0.1
710	0.009	0.1
715	0.009	0.1
720	0.009	0.1
725	0.009	0.1
730	0.009	0.1
735	0.010	0.1
740	0.010	0.1
745	0.010	0.1
750	0.010	0.1
755	0.010	0.1
760	0.010	0.1
765	0.010	0.1
770	0.010	0.1
775	0.010	0.1
780	0.010	0.1
785	0.010	0.1
790	0.010	0.1
795	0.010	0.1
800	0.010	0.1
805	0.010	0.1
810	0.010	0.1
815	0.010	0.1
820	0.011	0.1
825	0.011	0.1
830	0.011	0.1
835	0.011	0.2
840	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.011	0.2
850	0.011	0.2
855	0.011	0.2
860	0.011	0.2
865	0.011	0.2
870	0.011	0.2
875	0.011	0.2
880	0.011	0.2
885	0.011	0.2
890	0.011	0.2
895	0.011	0.2
900	0.011	0.2
905	0.011	0.2
910	0.011	0.2
915	0.011	0.2
920	0.011	0.2
925	0.011	0.2
930	0.011	0.2
935	0.011	0.2
940	0.011	0.2
945	0.011	0.2
950	0.011	0.2
955	0.011	0.2
960	0.011	0.2
965	0.011	0.2
970	0.011	0.2
975	0.011	0.2
980	0.011	0.2
985	0.011	0.2
990	0.011	0.2
995	0.011	0.2
1000	0.011	0.2
1005	0.011	0.2
1010	0.011	0.2
1015	0.011	0.2
1020	0.011	0.2
1025	0.011	0.2
1030	0.011	0.2
1035	0.011	0.2
1040	0.011	0.2
1045	0.011	0.2
1050	0.011	0.2
1055	0.011	0.2
1060	0.011	0.2
1065	0.011	0.2
1070	0.011	0.2
1075	0.011	0.2
1080	0.011	0.2
1085	0.011	0.2
1090	0.011	0.2
1095	0.011	0.2
1100	0.011	0.2
1105	0.011	0.2
1110	0.011	0.2
1115	0.011	0.2
1120	0.011	0.2
1125	0.011	0.2
1130	0.011	0.2
1135	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.011	0.2
1145	0.011	0.2
1150	0.011	0.2
1155	0.011	0.2
1160	0.011	0.2
1165	0.011	0.2
1170	0.011	0.2
1175	0.011	0.2
1180	0.011	0.2
1185	0.011	0.2
1190	0.011	0.2
1195	0.011	0.2
1200	0.011	0.2
1205	0.011	0.2
1210	0.011	0.2
1215	0.011	0.2
1220	0.011	0.2
1225	0.011	0.2
1230	0.011	0.2
1235	0.011	0.2
1240	0.011	0.2
1245	0.011	0.2
1250	0.011	0.2
1255	0.011	0.2
1260	0.011	0.2
1265	0.011	0.2
1270	0.011	0.2
1275	0.011	0.2
1280	0.011	0.2
1285	0.011	0.2
1290	0.011	0.2
1295	0.011	0.2
1300	0.011	0.2
1305	0.011	0.2
1310	0.011	0.2
1315	0.011	0.2
1320	0.011	0.2
1325	0.011	0.2
1330	0.011	0.2
1335	0.011	0.2
1340	0.011	0.2
1345	0.011	0.2
1350	0.011	0.2
1355	0.011	0.2
1360	0.011	0.2
1365	0.011	0.2
1370	0.011	0.2
1375	0.011	0.2
1380	0.011	0.2
1385	0.011	0.2
1390	0.011	0.2
1395	0.011	0.2
1400	0.011	0.2
1405	0.011	0.2
1410	0.011	0.2
1415	0.011	0.2
1420	0.011	0.2
1425	0.011	0.2
1430	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.011	0.2
1440	0.011	0.2
1445	0.011	0.2
1450	0.011	0.2
1455	0.011	0.2
1460	0.011	0.2
1465	0.011	0.2
1470	0.011	0.2
1475	0.011	0.2
1480	0.011	0.2
1485	0.011	0.2
1490	0.011	0.2
1495	0.011	0.2
1500	0.011	0.2
1505	0.011	0.2
1510	0.011	0.2
1515	0.011	0.2
1520	0.011	0.2
1525	0.011	0.2
1530	0.011	0.2
1535	0.011	0.2
1540	0.011	0.2
1545	0.011	0.2
1550	0.011	0.2
1555	0.011	0.2
1560	0.011	0.2
1565	0.011	0.2
1570	0.011	0.2
1575	0.011	0.2
1580	0.011	0.2
1585	0.011	0.2
1590	0.011	0.2
1595	0.011	0.2
1600	0.011	0.2
1605	0.011	0.2
1610	0.011	0.2
1615	0.011	0.2
1620	0.011	0.2
1625	0.011	0.2
1630	0.011	0.2
1635	0.011	0.2
1640	0.011	0.2
1645	0.011	0.2
1650	0.011	0.2
1655	0.011	0.2
1660	0.011	0.1
1665	0.011	0.1
1670	0.011	0.1
1675	0.011	0.1
1680	0.011	0.1
1685	0.011	0.1
1690	0.011	0.1
1695	0.011	0.1
1700	0.011	0.1
1705	0.010	0.1
1710	0.010	0.1
1715	0.010	0.1
1720	0.010	0.1
1725	0.010	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.010	0.1
1735	0.010	0.1
1740	0.010	0.1
1745	0.010	0.1
1750	0.010	0.1
1755	0.010	0.1
1760	0.010	0.1
1765	0.010	0.1
1770	0.010	0.1
1775	0.010	0.1
1780	0.010	0.1
1785	0.010	0.1
1790	0.010	0.1
1795	0.010	0.1
1800	0.010	0.1
1805	0.010	0.1
1810	0.010	0.1
1815	0.010	0.1
1820	0.010	0.1
1825	0.010	0.1
1830	0.010	0.1
1835	0.010	0.1
1840	0.010	0.1
1845	0.010	0.1
1850	0.010	0.1
1855	0.010	0.1
1860	0.010	0.1
1865	0.010	0.1
1870	0.010	0.1
1875	0.010	0.1
1880	0.010	0.1
1885	0.010	0.1
1890	0.010	0.1
1895	0.010	0.1
1900	0.010	0.1
1905	0.010	0.1
1910	0.010	0.1
1915	0.010	0.1
1920	0.010	0.1
1925	0.010	0.1
1930	0.010	0.1
1935	0.010	0.1
1940	0.010	0.1
1945	0.010	0.1
1950	0.010	0.1
1955	0.010	0.1
1960	0.010	0.1
1965	0.010	0.1
1970	0.010	0.1
1975	0.010	0.1
1980	0.010	0.1
1985	0.010	0.1
1990	0.010	0.1
1995	0.010	0.1
2000	0.010	0.1
2005	0.010	0.1
2010	0.010	0.1
2015	0.010	0.1
2020	0.010	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.010	0.1
2030	0.010	0.1
2035	0.010	0.1
2040	0.010	0.1
2045	0.010	0.1
2050	0.010	0.1
2055	0.010	0.1
2060	0.010	0.1
2065	0.010	0.1
2070	0.010	0.1
2075	0.010	0.1
2080	0.010	0.1
2085	0.010	0.1
2090	0.010	0.1
2095	0.010	0.1
2100	0.010	0.1
2105	0.010	0.1
2110	0.010	0.1
2115	0.010	0.1
2120	0.010	0.1
2125	0.010	0.1
2130	0.010	0.1
2135	0.010	0.1
2140	0.010	0.1
2145	0.010	0.1
2150	0.010	0.1
2155	0.010	0.1
2160	0.010	0.1
2165	0.010	0.1
2170	0.010	0.1
2175	0.010	0.1
2180	0.010	0.1
2185	0.010	0.1
2190	0.010	0.1
2195	0.009	0.1
2200	0.009	0.1
2205	0.009	0.1
2210	0.009	0.1
2215	0.009	0.1
2220	0.009	0.1
2225	0.009	0.1
2230	0.009	0.1
2235	0.009	0.1
2240	0.009	0.1
2245	0.009	0.1
2250	0.009	0.1
2255	0.009	0.1
2260	0.009	0.1
2265	0.009	0.1
2270	0.009	0.1
2275	0.009	0.1
2280	0.009	0.1
2285	0.009	0.1
2290	0.009	0.1
2295	0.009	0.1
2300	0.009	0.1
2305	0.009	0.1
2310	0.009	0.1
2315	0.009	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2320	0.009	0.1
2325	0.009	0.1
2330	0.009	0.1
2335	0.009	0.1
2340	0.009	0.1
2345	0.009	0.1
2350	0.009	0.1
2355	0.009	0.1
2360	0.009	0.1
2365	0.009	0.1
2370	0.009	0.1
2375	0.009	0.1
2380	0.009	0.1
2385	0.009	0.1
2390	0.009	0.1
2395	0.009	0.1
2400	0.009	0.1
2405	0.009	0.1
2410	0.009	0.1
2415	0.009	0.1
2420	0.009	0.1
2425	0.009	0.1
2430	0.009	0.1
2435	0.009	0.1
2440	0.009	0.1
2445	0.009	0.1
2450	0.009	0.1
2455	0.009	0.1
2460	0.009	0.1
2465	0.009	0.1
2470	0.009	0.1
2475	0.009	0.1
2480	0.009	0.1
2485	0.009	0.1
2490	0.009	0.1
2495	0.009	0.1
2500	0.009	0.1
2505	0.009	0.1
2510	0.009	0.1
2515	0.009	0.1
2520	0.009	0.1
2525	0.009	0.1
2530	0.009	0.1
2535	0.009	0.1
2540	0.009	0.1
2545	0.009	0.1
2550	0.009	0.1
2555	0.009	0.1
2560	0.009	0.1
2565	0.009	0.1
2570	0.009	0.1
2575	0.009	0.1
2580	0.009	0.1
2585	0.009	0.1
2590	0.009	0.1
2595	0.009	0.1
2600	0.009	0.1
2605	0.009	0.1
2610	0.009	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.009	0.1
2620	0.009	0.1
2625	0.008	0.1
2630	0.008	0.1
2635	0.008	0.1
2640	0.008	0.1
2645	0.008	0.1
2650	0.008	0.1
2655	0.008	0.1
2660	0.008	0.1
2665	0.008	0.1
2670	0.008	0.1
2675	0.008	0.1
2680	0.008	0.1
2685	0.008	0.1
2690	0.008	0.1
2695	0.008	0.1
2700	0.008	0.1
2705	0.008	0.1
2710	0.008	0.1
2715	0.008	0.1
2720	0.008	0.1
2725	0.008	0.1
2730	0.008	0.1
2735	0.008	0.1
2740	0.008	0.1
2745	0.008	0.1
2750	0.008	0.1
2755	0.008	0.1
2760	0.008	0.1
2765	0.008	0.1
2770	0.008	0.1
2775	0.008	0.1
2780	0.008	0.1
2785	0.008	0.1
2790	0.008	0.1
2795	0.008	0.1
2800	0.008	0.1
2805	0.008	0.1
2810	0.008	0.1
2815	0.008	0.1
2820	0.008	0.1
2825	0.008	0.1
2830	0.008	0.1
2835	0.008	0.1
2840	0.008	0.1
2845	0.008	0.1
2850	0.008	0.1
2855	0.008	0.1
2860	0.008	0.1
2865	0.008	0.1
2870	0.008	0.1
2875	0.008	0.1
2880	0.008	0.1



Pipe (4) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 1440 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.000	0.0
305	0.000	0.0
310	0.000	0.0
315	0.000	0.0
320	0.000	0.0
325	0.000	0.0
330	0.000	0.0
335	0.000	0.0
340	0.000	0.0
345	0.000	0.0
350	0.000	0.0
355	0.000	0.0
360	0.000	0.0
365	0.000	0.0
370	0.000	0.0
375	0.000	0.0
380	0.000	0.0
385	0.000	0.0
390	0.000	0.0
395	0.000	0.0
400	0.000	0.0
405	0.000	0.0
410	0.000	0.0
415	0.000	0.0
420	0.000	0.0
425	0.000	0.0
430	0.000	0.0
435	0.000	0.0
440	0.000	0.0
445	0.000	0.0
450	0.000	0.0
455	0.000	0.0
460	0.000	0.0
465	0.000	0.0
470	0.001	0.0
475	0.002	0.0
480	0.002	0.0
485	0.002	0.0
490	0.002	0.0
495	0.002	0.0
500	0.003	0.0
505	0.003	0.0
510	0.003	0.0
515	0.003	0.0
520	0.003	0.0
525	0.004	0.0
530	0.004	0.0
535	0.004	0.0
540	0.004	0.0
545	0.005	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.005	0.0
555	0.005	0.0
560	0.005	0.0
565	0.006	0.0
570	0.006	0.0
575	0.006	0.0
580	0.006	0.1
585	0.006	0.1
590	0.006	0.1
595	0.006	0.1
600	0.007	0.1
605	0.007	0.1
610	0.007	0.1
615	0.007	0.1
620	0.007	0.1
625	0.007	0.1
630	0.007	0.1
635	0.007	0.1
640	0.007	0.1
645	0.008	0.1
650	0.008	0.1
655	0.008	0.1
660	0.008	0.1
665	0.008	0.1
670	0.008	0.1
675	0.008	0.1
680	0.008	0.1
685	0.008	0.1
690	0.008	0.1
695	0.009	0.1
700	0.009	0.1
705	0.009	0.1
710	0.009	0.1
715	0.009	0.1
720	0.009	0.1
725	0.009	0.1
730	0.009	0.1
735	0.009	0.1
740	0.009	0.1
745	0.010	0.1
750	0.010	0.1
755	0.010	0.1
760	0.010	0.1
765	0.010	0.1
770	0.010	0.1
775	0.010	0.1
780	0.010	0.1
785	0.010	0.1
790	0.010	0.1
795	0.010	0.1
800	0.010	0.1
805	0.010	0.1
810	0.010	0.1
815	0.010	0.1
820	0.010	0.1
825	0.010	0.1
830	0.010	0.1
835	0.010	0.2
840	0.010	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.010	0.2
850	0.011	0.2
855	0.011	0.2
860	0.011	0.2
865	0.011	0.2
870	0.011	0.2
875	0.011	0.2
880	0.011	0.2
885	0.011	0.2
890	0.011	0.2
895	0.011	0.2
900	0.011	0.2
905	0.011	0.2
910	0.011	0.2
915	0.011	0.2
920	0.011	0.2
925	0.011	0.2
930	0.011	0.2
935	0.011	0.2
940	0.011	0.2
945	0.011	0.2
950	0.011	0.2
955	0.011	0.2
960	0.011	0.2
965	0.011	0.2
970	0.011	0.2
975	0.011	0.2
980	0.011	0.2
985	0.011	0.2
990	0.011	0.2
995	0.011	0.2
1000	0.011	0.2
1005	0.011	0.2
1010	0.011	0.2
1015	0.011	0.2
1020	0.011	0.2
1025	0.011	0.2
1030	0.011	0.2
1035	0.011	0.2
1040	0.011	0.2
1045	0.011	0.2
1050	0.011	0.2
1055	0.011	0.2
1060	0.011	0.2
1065	0.011	0.2
1070	0.011	0.2
1075	0.011	0.2
1080	0.011	0.2
1085	0.011	0.2
1090	0.011	0.2
1095	0.011	0.2
1100	0.011	0.2
1105	0.011	0.2
1110	0.011	0.2
1115	0.011	0.2
1120	0.011	0.2
1125	0.011	0.2
1130	0.011	0.2
1135	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.011	0.2
1145	0.011	0.2
1150	0.011	0.2
1155	0.011	0.2
1160	0.011	0.2
1165	0.011	0.2
1170	0.011	0.2
1175	0.011	0.2
1180	0.011	0.2
1185	0.011	0.2
1190	0.011	0.2
1195	0.011	0.2
1200	0.011	0.2
1205	0.011	0.2
1210	0.011	0.2
1215	0.011	0.2
1220	0.011	0.2
1225	0.011	0.2
1230	0.011	0.2
1235	0.011	0.2
1240	0.011	0.2
1245	0.011	0.2
1250	0.011	0.2
1255	0.011	0.2
1260	0.011	0.2
1265	0.011	0.2
1270	0.011	0.2
1275	0.011	0.2
1280	0.011	0.2
1285	0.011	0.2
1290	0.011	0.2
1295	0.011	0.2
1300	0.011	0.2
1305	0.011	0.2
1310	0.011	0.2
1315	0.011	0.2
1320	0.011	0.2
1325	0.011	0.2
1330	0.011	0.2
1335	0.011	0.2
1340	0.011	0.2
1345	0.011	0.2
1350	0.011	0.2
1355	0.011	0.2
1360	0.011	0.2
1365	0.011	0.2
1370	0.011	0.2
1375	0.011	0.2
1380	0.011	0.2
1385	0.011	0.2
1390	0.011	0.2
1395	0.011	0.2
1400	0.011	0.2
1405	0.011	0.2
1410	0.011	0.2
1415	0.011	0.2
1420	0.011	0.2
1425	0.011	0.2
1430	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.011	0.2
1440	0.011	0.2
1445	0.011	0.2
1450	0.011	0.2
1455	0.011	0.2
1460	0.011	0.2
1465	0.011	0.2
1470	0.011	0.2
1475	0.011	0.2
1480	0.011	0.2
1485	0.011	0.2
1490	0.011	0.2
1495	0.011	0.2
1500	0.011	0.2
1505	0.011	0.2
1510	0.011	0.2
1515	0.011	0.2
1520	0.011	0.2
1525	0.011	0.2
1530	0.011	0.2
1535	0.011	0.2
1540	0.011	0.2
1545	0.011	0.2
1550	0.011	0.2
1555	0.011	0.2
1560	0.011	0.2
1565	0.011	0.2
1570	0.011	0.2
1575	0.011	0.2
1580	0.011	0.2
1585	0.011	0.2
1590	0.011	0.2
1595	0.011	0.2
1600	0.011	0.2
1605	0.010	0.2
1610	0.010	0.2
1615	0.010	0.2
1620	0.010	0.2
1625	0.010	0.2
1630	0.010	0.2
1635	0.010	0.2
1640	0.010	0.2
1645	0.010	0.2
1650	0.010	0.2
1655	0.010	0.2
1660	0.010	0.1
1665	0.010	0.1
1670	0.010	0.1
1675	0.010	0.1
1680	0.010	0.1
1685	0.010	0.1
1690	0.010	0.1
1695	0.010	0.1
1700	0.010	0.1
1705	0.010	0.1
1710	0.010	0.1
1715	0.010	0.1
1720	0.010	0.1
1725	0.010	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.010	0.1
1735	0.010	0.1
1740	0.010	0.1
1745	0.010	0.1
1750	0.010	0.1
1755	0.010	0.1
1760	0.010	0.1
1765	0.010	0.1
1770	0.010	0.1
1775	0.010	0.1
1780	0.010	0.1
1785	0.010	0.1
1790	0.010	0.1
1795	0.010	0.1
1800	0.010	0.1
1805	0.010	0.1
1810	0.010	0.1
1815	0.010	0.1
1820	0.010	0.1
1825	0.010	0.1
1830	0.010	0.1
1835	0.010	0.1
1840	0.010	0.1
1845	0.010	0.1
1850	0.010	0.1
1855	0.010	0.1
1860	0.010	0.1
1865	0.010	0.1
1870	0.010	0.1
1875	0.010	0.1
1880	0.010	0.1
1885	0.010	0.1
1890	0.010	0.1
1895	0.010	0.1
1900	0.010	0.1
1905	0.010	0.1
1910	0.010	0.1
1915	0.010	0.1
1920	0.010	0.1
1925	0.010	0.1
1930	0.010	0.1
1935	0.010	0.1
1940	0.010	0.1
1945	0.010	0.1
1950	0.010	0.1
1955	0.010	0.1
1960	0.010	0.1
1965	0.010	0.1
1970	0.010	0.1
1975	0.010	0.1
1980	0.010	0.1
1985	0.010	0.1
1990	0.010	0.1
1995	0.010	0.1
2000	0.010	0.1
2005	0.010	0.1
2010	0.010	0.1
2015	0.010	0.1
2020	0.010	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.010	0.1
2030	0.010	0.1
2035	0.010	0.1
2040	0.010	0.1
2045	0.010	0.1
2050	0.010	0.1
2055	0.010	0.1
2060	0.010	0.1
2065	0.010	0.1
2070	0.010	0.1
2075	0.010	0.1
2080	0.010	0.1
2085	0.010	0.1
2090	0.010	0.1
2095	0.010	0.1
2100	0.010	0.1
2105	0.010	0.1
2110	0.009	0.1
2115	0.009	0.1
2120	0.009	0.1
2125	0.009	0.1
2130	0.009	0.1
2135	0.009	0.1
2140	0.009	0.1
2145	0.009	0.1
2150	0.009	0.1
2155	0.009	0.1
2160	0.009	0.1
2165	0.009	0.1
2170	0.009	0.1
2175	0.009	0.1
2180	0.009	0.1
2185	0.009	0.1
2190	0.009	0.1
2195	0.009	0.1
2200	0.009	0.1
2205	0.009	0.1
2210	0.009	0.1
2215	0.009	0.1
2220	0.009	0.1
2225	0.009	0.1
2230	0.009	0.1
2235	0.009	0.1
2240	0.009	0.1
2245	0.009	0.1
2250	0.009	0.1
2255	0.009	0.1
2260	0.009	0.1
2265	0.009	0.1
2270	0.009	0.1
2275	0.009	0.1
2280	0.009	0.1
2285	0.009	0.1
2290	0.009	0.1
2295	0.009	0.1
2300	0.009	0.1
2305	0.009	0.1
2310	0.009	0.1
2315	0.009	0.1

Time (mins)	Depth (m)	Flow (L/s)
2320	0.009	0.1
2325	0.009	0.1
2330	0.009	0.1
2335	0.009	0.1
2340	0.009	0.1
2345	0.009	0.1
2350	0.009	0.1
2355	0.009	0.1
2360	0.009	0.1
2365	0.009	0.1
2370	0.009	0.1
2375	0.009	0.1
2380	0.009	0.1
2385	0.009	0.1
2390	0.009	0.1
2395	0.009	0.1
2400	0.009	0.1
2405	0.009	0.1
2410	0.009	0.1
2415	0.009	0.1
2420	0.009	0.1
2425	0.009	0.1
2430	0.009	0.1
2435	0.009	0.1
2440	0.009	0.1
2445	0.009	0.1
2450	0.009	0.1
2455	0.009	0.1
2460	0.009	0.1
2465	0.009	0.1
2470	0.009	0.1
2475	0.009	0.1
2480	0.009	0.1
2485	0.009	0.1
2490	0.009	0.1
2495	0.009	0.1
2500	0.009	0.1
2505	0.009	0.1
2510	0.009	0.1
2515	0.009	0.1
2520	0.009	0.1
2525	0.009	0.1
2530	0.008	0.1
2535	0.008	0.1
2540	0.008	0.1
2545	0.008	0.1
2550	0.008	0.1
2555	0.008	0.1
2560	0.008	0.1
2565	0.008	0.1
2570	0.008	0.1
2575	0.008	0.1
2580	0.008	0.1
2585	0.008	0.1
2590	0.008	0.1
2595	0.008	0.1
2600	0.008	0.1
2605	0.008	0.1
2610	0.008	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.008	0.1
2620	0.008	0.1
2625	0.008	0.1
2630	0.008	0.1
2635	0.008	0.1
2640	0.008	0.1
2645	0.008	0.1
2650	0.008	0.1
2655	0.008	0.1
2660	0.008	0.1
2665	0.008	0.1
2670	0.008	0.1
2675	0.008	0.1
2680	0.008	0.1
2685	0.008	0.1
2690	0.008	0.1
2695	0.008	0.1
2700	0.008	0.1
2705	0.008	0.1
2710	0.008	0.1
2715	0.008	0.1
2720	0.008	0.1
2725	0.008	0.1
2730	0.008	0.1
2735	0.008	0.1
2740	0.008	0.1
2745	0.008	0.1
2750	0.008	0.1
2755	0.008	0.1
2760	0.008	0.1
2765	0.008	0.1
2770	0.008	0.1
2775	0.008	0.1
2780	0.008	0.1
2785	0.008	0.1
2790	0.008	0.1
2795	0.008	0.1
2800	0.008	0.1
2805	0.008	0.1
2810	0.008	0.1
2815	0.008	0.1
2820	0.008	0.1
2825	0.008	0.1
2830	0.008	0.1
2835	0.008	0.1
2840	0.008	0.1
2845	0.008	0.1
2850	0.008	0.1
2855	0.008	0.1
2860	0.008	0.1
2865	0.008	0.1
2870	0.008	0.1
2875	0.008	0.1
2880	0.008	0.1



Pipe (5) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.002	0.0
10	0.012	0.1
15	0.016	0.1
20	0.012	0.0
25	0.009	0.0
30	0.008	0.0



Pipe (10) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.021	0.1
10	0.046	0.3
15	0.029	0.4
20	0.013	0.2
25	0.007	0.1
30	0.005	0.0



Pipe (6) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.002	0.0
10	0.015	0.9
15	0.014	0.6
20	0.008	0.2
25	0.005	0.1
30	0.004	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



Pipe (7) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.044	3.0
10	0.107	15.0
15	0.065	5.8
20	0.030	1.1
25	0.016	0.3
30	0.012	0.1



Pipe (8) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 30 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.014	0.0
10	0.024	0.0
15	0.042	0.1
20	0.046	0.1
25	0.034	0.2
30	0.025	0.3
35	0.016	0.2
40	0.011	0.2
45	0.009	0.2
50	0.008	0.1
55	0.007	0.1
60	0.006	0.1



Pipe (9) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.026	1.6
10	0.074	6.2
15	0.126	1.7
20	0.132	0.1
25	0.120	0.0
30	0.108	0.0



Pipe (11) Type : Pipe

Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.025	1.8
10	0.123	7.5
15	0.150	1.8
20	0.150	0.1
25	0.150	0.1
30	0.150	0.1

No Delay
Critical by Return Period: FEH: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : No Delay

Tables

Time (mins)	Flow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0



SWP1 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.003	0.0
10	0.019	0.0
15	0.014	0.0
20	0.008	0.0
25	0.004	0.0
30	0.004	0.0



SWP3 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.050	6.0
10	0.120	22.6
15	0.060	6.6
20	0.019	0.4
25	0.008	0.0
30	0.006	0.0



SWP4 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.064	5.2
10	0.184	26.3
15	0.086	9.0
20	0.032	1.4
25	0.015	0.3
30	0.012	0.2

SWP5 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.007	0.1
10	0.036	2.2
15	0.026	1.3
20	0.015	0.4
25	0.009	0.1
30	0.007	0.1



Pipe Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.065	6.2
10	0.166	32.7
15	0.104	15.0
20	0.073	2.8
25	0.059	1.0
30	0.041	0.7



SWP18 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 60 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.014	0.4
15	0.026	1.2
20	0.039	2.3
25	0.046	3.0
30	0.049	3.3
35	0.048	3.2
40	0.043	2.7
45	0.044	2.8
50	0.045	2.9
55	0.045	2.9
60	0.046	3.0
65	0.046	3.0
70	0.045	2.9
75	0.045	2.9
80	0.045	2.9
85	0.045	2.9
90	0.044	2.8
95	0.044	2.8
100	0.044	2.8
105	0.044	2.7
110	0.043	2.7
115	0.043	2.7
120	0.043	2.7



SWP19 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 120 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.008	0.1
15	0.019	0.4
20	0.025	0.8
25	0.030	1.1
30	0.035	1.5
35	0.039	1.9
40	0.043	2.3
45	0.046	2.7
50	0.049	3.0
55	0.051	3.2
60	0.052	3.3
65	0.051	3.2
70	0.047	2.7
75	0.048	2.8
80	0.048	2.9
85	0.049	2.9
90	0.049	3.0
95	0.049	3.0
100	0.049	3.0
105	0.049	3.0
110	0.049	3.0
115	0.049	3.0
120	0.049	3.0
125	0.049	3.0
130	0.049	3.0
135	0.049	2.9
140	0.048	2.9
145	0.048	2.9
150	0.048	2.8
155	0.048	2.8
160	0.047	2.8
165	0.047	2.8
170	0.047	2.7
175	0.047	2.7
180	0.046	2.7
185	0.047	2.7
190	0.048	2.8
195	0.048	2.9
200	0.049	3.0
205	0.050	3.0
210	0.050	3.1
215	0.051	3.1
220	0.051	3.2
225	0.051	3.2
230	0.052	3.3
235	0.052	3.3
240	0.052	3.3



SWP22 Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.030	2.7
10	0.068	12.3
15	0.031	3.0
20	0.008	0.2
25	0.001	0.0
30	0.001	0.0



Pipe (1) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 30 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.015	0.3
10	0.081	1.6
15	0.225	4.2
20	0.225	4.5
25	0.225	3.1
30	0.225	2.9
35	0.225	2.7
40	0.225	2.7
45	0.225	2.6
50	0.225	2.6
55	0.225	2.6
60	0.225	2.6



Pipe (2) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 1440 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.001	0.0
305	0.001	0.0
310	0.002	0.0
315	0.002	0.0
320	0.002	0.0
325	0.002	0.0
330	0.002	0.0
335	0.003	0.0
340	0.003	0.0
345	0.003	0.0
350	0.003	0.0
355	0.003	0.0
360	0.003	0.0
365	0.003	0.0
370	0.003	0.0
375	0.004	0.0
380	0.004	0.0
385	0.004	0.0
390	0.004	0.0
395	0.004	0.0
400	0.005	0.0
405	0.005	0.0
410	0.005	0.0
415	0.005	0.0
420	0.005	0.1
425	0.005	0.1
430	0.005	0.1
435	0.005	0.1
440	0.005	0.1
445	0.006	0.1
450	0.006	0.1
455	0.006	0.1
460	0.006	0.1
465	0.006	0.1
470	0.006	0.1
475	0.006	0.1
480	0.006	0.1
485	0.006	0.1
490	0.006	0.1
495	0.006	0.1
500	0.007	0.1
505	0.007	0.1
510	0.007	0.1
515	0.007	0.1
520	0.007	0.1
525	0.007	0.1
530	0.007	0.1
535	0.007	0.1
540	0.007	0.1
545	0.007	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.007	0.1
555	0.007	0.1
560	0.007	0.1
565	0.007	0.1
570	0.008	0.1
575	0.008	0.1
580	0.008	0.1
585	0.008	0.1
590	0.008	0.1
595	0.008	0.1
600	0.008	0.1
605	0.008	0.1
610	0.008	0.1
615	0.008	0.1
620	0.008	0.1
625	0.008	0.1
630	0.008	0.1
635	0.008	0.1
640	0.008	0.1
645	0.008	0.1
650	0.009	0.1
655	0.009	0.1
660	0.009	0.1
665	0.009	0.1
670	0.009	0.2
675	0.009	0.2
680	0.009	0.2
685	0.009	0.2
690	0.009	0.2
695	0.009	0.2
700	0.009	0.2
705	0.009	0.2
710	0.009	0.2
715	0.009	0.2
720	0.009	0.2
725	0.009	0.2
730	0.009	0.2
735	0.010	0.2
740	0.010	0.2
745	0.010	0.2
750	0.010	0.2
755	0.010	0.2
760	0.010	0.2
765	0.010	0.2
770	0.010	0.2
775	0.010	0.2
780	0.010	0.2
785	0.010	0.2
790	0.010	0.2
795	0.010	0.2
800	0.010	0.2
805	0.010	0.2
810	0.010	0.2
815	0.010	0.2
820	0.010	0.2
825	0.010	0.2
830	0.010	0.2
835	0.010	0.2
840	0.010	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
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Time (mins)	Depth (m)	Flow (L/s)
845	0.010	0.2
850	0.010	0.2
855	0.010	0.2
860	0.010	0.2
865	0.011	0.2
870	0.011	0.2
875	0.011	0.2
880	0.011	0.2
885	0.011	0.2
890	0.011	0.2
895	0.011	0.2
900	0.011	0.2
905	0.011	0.2
910	0.011	0.2
915	0.011	0.2
920	0.011	0.2
925	0.011	0.2
930	0.011	0.2
935	0.011	0.2
940	0.011	0.2
945	0.011	0.2
950	0.011	0.2
955	0.011	0.2
960	0.011	0.2
965	0.011	0.2
970	0.011	0.2
975	0.011	0.2
980	0.011	0.2
985	0.011	0.2
990	0.011	0.2
995	0.011	0.2
1000	0.011	0.2
1005	0.011	0.2
1010	0.011	0.2
1015	0.011	0.2
1020	0.011	0.2
1025	0.011	0.2
1030	0.011	0.2
1035	0.011	0.2
1040	0.011	0.2
1045	0.011	0.2
1050	0.011	0.2
1055	0.011	0.2
1060	0.011	0.2
1065	0.011	0.2
1070	0.011	0.2
1075	0.011	0.2
1080	0.011	0.2
1085	0.011	0.2
1090	0.011	0.2
1095	0.011	0.2
1100	0.011	0.2
1105	0.011	0.2
1110	0.011	0.2
1115	0.011	0.2
1120	0.011	0.2
1125	0.011	0.2
1130	0.011	0.2
1135	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
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Time (mins)	Depth (m)	Flow (L/s)
1140	0.011	0.2
1145	0.011	0.2
1150	0.011	0.2
1155	0.011	0.2
1160	0.011	0.2
1165	0.011	0.2
1170	0.011	0.2
1175	0.011	0.2
1180	0.011	0.2
1185	0.011	0.2
1190	0.011	0.2
1195	0.011	0.2
1200	0.011	0.2
1205	0.011	0.2
1210	0.011	0.2
1215	0.011	0.2
1220	0.011	0.2
1225	0.011	0.2
1230	0.011	0.2
1235	0.011	0.2
1240	0.011	0.2
1245	0.011	0.2
1250	0.011	0.2
1255	0.011	0.2
1260	0.011	0.3
1265	0.011	0.3
1270	0.011	0.3
1275	0.011	0.3
1280	0.011	0.3
1285	0.011	0.3
1290	0.011	0.3
1295	0.011	0.3
1300	0.011	0.3
1305	0.011	0.3
1310	0.011	0.3
1315	0.011	0.3
1320	0.011	0.3
1325	0.011	0.3
1330	0.011	0.3
1335	0.011	0.3
1340	0.011	0.3
1345	0.011	0.3
1350	0.011	0.3
1355	0.011	0.3
1360	0.011	0.3
1365	0.011	0.3
1370	0.011	0.3
1375	0.011	0.3
1380	0.011	0.3
1385	0.011	0.3
1390	0.011	0.3
1395	0.011	0.3
1400	0.011	0.2
1405	0.011	0.2
1410	0.011	0.2
1415	0.011	0.2
1420	0.011	0.2
1425	0.011	0.2
1430	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
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Time (mins)	Depth (m)	Flow (L/s)
1435	0.011	0.2
1440	0.011	0.2
1445	0.011	0.2
1450	0.011	0.2
1455	0.011	0.2
1460	0.011	0.2
1465	0.011	0.2
1470	0.011	0.2
1475	0.011	0.2
1480	0.011	0.2
1485	0.011	0.2
1490	0.011	0.2
1495	0.011	0.2
1500	0.011	0.2
1505	0.011	0.2
1510	0.011	0.2
1515	0.011	0.2
1520	0.011	0.2
1525	0.011	0.2
1530	0.011	0.2
1535	0.011	0.2
1540	0.011	0.2
1545	0.011	0.2
1550	0.011	0.2
1555	0.011	0.2
1560	0.011	0.2
1565	0.011	0.2
1570	0.011	0.2
1575	0.011	0.2
1580	0.011	0.2
1585	0.011	0.2
1590	0.011	0.2
1595	0.011	0.2
1600	0.011	0.2
1605	0.011	0.2
1610	0.011	0.2
1615	0.011	0.2
1620	0.011	0.2
1625	0.011	0.2
1630	0.011	0.2
1635	0.011	0.2
1640	0.011	0.2
1645	0.011	0.2
1650	0.011	0.2
1655	0.011	0.2
1660	0.011	0.2
1665	0.011	0.2
1670	0.011	0.2
1675	0.011	0.2
1680	0.011	0.2
1685	0.011	0.2
1690	0.011	0.2
1695	0.011	0.2
1700	0.011	0.2
1705	0.011	0.2
1710	0.011	0.2
1715	0.011	0.2
1720	0.011	0.2
1725	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
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Time (mins)	Depth (m)	Flow (L/s)
1730	0.011	0.2
1735	0.011	0.2
1740	0.011	0.2
1745	0.011	0.2
1750	0.011	0.2
1755	0.011	0.2
1760	0.011	0.2
1765	0.011	0.2
1770	0.011	0.2
1775	0.011	0.2
1780	0.011	0.2
1785	0.011	0.2
1790	0.011	0.2
1795	0.011	0.2
1800	0.011	0.2
1805	0.011	0.2
1810	0.011	0.2
1815	0.011	0.2
1820	0.011	0.2
1825	0.011	0.2
1830	0.011	0.2
1835	0.011	0.2
1840	0.011	0.2
1845	0.011	0.2
1850	0.011	0.2
1855	0.011	0.2
1860	0.011	0.2
1865	0.011	0.2
1870	0.011	0.2
1875	0.011	0.2
1880	0.011	0.2
1885	0.011	0.2
1890	0.011	0.2
1895	0.011	0.2
1900	0.011	0.2
1905	0.011	0.2
1910	0.011	0.2
1915	0.011	0.2
1920	0.011	0.2
1925	0.011	0.2
1930	0.011	0.2
1935	0.011	0.2
1940	0.010	0.2
1945	0.010	0.2
1950	0.010	0.2
1955	0.010	0.2
1960	0.010	0.2
1965	0.010	0.2
1970	0.010	0.2
1975	0.010	0.2
1980	0.010	0.2
1985	0.010	0.2
1990	0.010	0.2
1995	0.010	0.2
2000	0.010	0.2
2005	0.010	0.2
2010	0.010	0.2
2015	0.010	0.2
2020	0.010	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
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Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.010	0.2
2030	0.010	0.2
2035	0.010	0.2
2040	0.010	0.2
2045	0.010	0.2
2050	0.010	0.2
2055	0.010	0.2
2060	0.010	0.2
2065	0.010	0.2
2070	0.010	0.2
2075	0.010	0.2
2080	0.010	0.2
2085	0.010	0.2
2090	0.010	0.2
2095	0.010	0.2
2100	0.010	0.2
2105	0.010	0.2
2110	0.010	0.2
2115	0.010	0.2
2120	0.010	0.2
2125	0.010	0.2
2130	0.010	0.2
2135	0.010	0.2
2140	0.010	0.2
2145	0.010	0.2
2150	0.010	0.2
2155	0.010	0.2
2160	0.010	0.2
2165	0.010	0.2
2170	0.010	0.2
2175	0.010	0.2
2180	0.010	0.2
2185	0.010	0.2
2190	0.010	0.2
2195	0.010	0.2
2200	0.010	0.2
2205	0.010	0.2
2210	0.010	0.2
2215	0.010	0.2
2220	0.010	0.2
2225	0.010	0.2
2230	0.010	0.2
2235	0.010	0.2
2240	0.010	0.2
2245	0.010	0.2
2250	0.010	0.2
2255	0.010	0.2
2260	0.010	0.2
2265	0.010	0.2
2270	0.010	0.2
2275	0.010	0.2
2280	0.010	0.2
2285	0.010	0.2
2290	0.010	0.2
2295	0.010	0.2
2300	0.010	0.2
2305	0.010	0.2
2310	0.010	0.2
2315	0.010	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2320	0.010	0.2
2325	0.010	0.2
2330	0.010	0.2
2335	0.010	0.2
2340	0.010	0.2
2345	0.010	0.2
2350	0.010	0.2
2355	0.010	0.2
2360	0.010	0.2
2365	0.010	0.2
2370	0.010	0.2
2375	0.010	0.2
2380	0.010	0.2
2385	0.010	0.2
2390	0.010	0.2
2395	0.010	0.2
2400	0.010	0.2
2405	0.010	0.2
2410	0.010	0.2
2415	0.010	0.2
2420	0.010	0.2
2425	0.010	0.2
2430	0.010	0.2
2435	0.010	0.2
2440	0.010	0.2
2445	0.010	0.2
2450	0.010	0.2
2455	0.010	0.2
2460	0.010	0.2
2465	0.010	0.2
2470	0.010	0.2
2475	0.010	0.2
2480	0.010	0.2
2485	0.010	0.2
2490	0.010	0.2
2495	0.010	0.2
2500	0.010	0.2
2505	0.010	0.2
2510	0.010	0.2
2515	0.010	0.2
2520	0.010	0.2
2525	0.010	0.2
2530	0.010	0.2
2535	0.010	0.2
2540	0.010	0.2
2545	0.010	0.2
2550	0.010	0.2
2555	0.010	0.2
2560	0.010	0.2
2565	0.010	0.2
2570	0.010	0.2
2575	0.010	0.2
2580	0.010	0.2
2585	0.010	0.2
2590	0.010	0.2
2595	0.010	0.2
2600	0.010	0.2
2605	0.010	0.2
2610	0.010	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.010	0.2
2620	0.010	0.2
2625	0.010	0.2
2630	0.010	0.2
2635	0.010	0.2
2640	0.010	0.2
2645	0.010	0.2
2650	0.010	0.2
2655	0.010	0.2
2660	0.010	0.2
2665	0.010	0.2
2670	0.010	0.2
2675	0.010	0.2
2680	0.010	0.2
2685	0.010	0.2
2690	0.010	0.2
2695	0.010	0.2
2700	0.009	0.2
2705	0.009	0.2
2710	0.009	0.2
2715	0.009	0.2
2720	0.009	0.2
2725	0.009	0.2
2730	0.009	0.2
2735	0.009	0.2
2740	0.009	0.2
2745	0.009	0.2
2750	0.009	0.2
2755	0.009	0.2
2760	0.009	0.2
2765	0.009	0.2
2770	0.009	0.2
2775	0.009	0.2
2780	0.009	0.2
2785	0.009	0.2
2790	0.009	0.2
2795	0.009	0.2
2800	0.009	0.2
2805	0.009	0.2
2810	0.009	0.2
2815	0.009	0.2
2820	0.009	0.2
2825	0.009	0.2
2830	0.009	0.2
2835	0.009	0.2
2840	0.009	0.2
2845	0.009	0.2
2850	0.009	0.2
2855	0.009	0.2
2860	0.009	0.2
2865	0.009	0.2
2870	0.009	0.2
2875	0.009	0.2
2880	0.009	0.2



Pipe (3) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 1440 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.000	0.0
305	0.001	0.0
310	0.001	0.0
315	0.002	0.0
320	0.003	0.0
325	0.003	0.0
330	0.003	0.0
335	0.003	0.0
340	0.003	0.0
345	0.003	0.0
350	0.003	0.0
355	0.004	0.0
360	0.004	0.0
365	0.004	0.0
370	0.004	0.0
375	0.004	0.0
380	0.005	0.0
385	0.005	0.0
390	0.005	0.0
395	0.005	0.0
400	0.006	0.0
405	0.006	0.0
410	0.006	0.0
415	0.006	0.0
420	0.006	0.1
425	0.006	0.1
430	0.006	0.1
435	0.006	0.1
440	0.007	0.1
445	0.007	0.1
450	0.007	0.1
455	0.007	0.1
460	0.007	0.1
465	0.007	0.1
470	0.007	0.1
475	0.007	0.1
480	0.008	0.1
485	0.008	0.1
490	0.008	0.1
495	0.008	0.1
500	0.008	0.1
505	0.008	0.1
510	0.008	0.1
515	0.008	0.1
520	0.008	0.1
525	0.008	0.1
530	0.008	0.1
535	0.008	0.1
540	0.009	0.1
545	0.009	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.009	0.1
555	0.009	0.1
560	0.009	0.1
565	0.009	0.1
570	0.009	0.1
575	0.009	0.1
580	0.009	0.1
585	0.009	0.1
590	0.009	0.1
595	0.009	0.1
600	0.010	0.1
605	0.010	0.1
610	0.010	0.1
615	0.010	0.1
620	0.010	0.1
625	0.010	0.1
630	0.010	0.1
635	0.010	0.1
640	0.010	0.1
645	0.010	0.1
650	0.010	0.1
655	0.010	0.1
660	0.010	0.1
665	0.011	0.1
670	0.011	0.2
675	0.011	0.2
680	0.011	0.2
685	0.011	0.2
690	0.011	0.2
695	0.011	0.2
700	0.011	0.2
705	0.011	0.2
710	0.011	0.2
715	0.011	0.2
720	0.011	0.2
725	0.011	0.2
730	0.011	0.2
735	0.012	0.2
740	0.012	0.2
745	0.012	0.2
750	0.012	0.2
755	0.012	0.2
760	0.012	0.2
765	0.012	0.2
770	0.012	0.2
775	0.012	0.2
780	0.012	0.2
785	0.012	0.2
790	0.012	0.2
795	0.012	0.2
800	0.012	0.2
805	0.012	0.2
810	0.012	0.2
815	0.012	0.2
820	0.012	0.2
825	0.012	0.2
830	0.013	0.2
835	0.013	0.2
840	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.013	0.2
850	0.013	0.2
855	0.013	0.2
860	0.013	0.2
865	0.013	0.2
870	0.013	0.2
875	0.013	0.2
880	0.013	0.2
885	0.013	0.2
890	0.013	0.2
895	0.013	0.2
900	0.013	0.2
905	0.013	0.2
910	0.013	0.2
915	0.013	0.2
920	0.013	0.2
925	0.013	0.2
930	0.013	0.2
935	0.013	0.2
940	0.013	0.2
945	0.013	0.2
950	0.013	0.2
955	0.013	0.2
960	0.013	0.2
965	0.013	0.2
970	0.013	0.2
975	0.013	0.2
980	0.013	0.2
985	0.013	0.2
990	0.013	0.2
995	0.013	0.2
1000	0.013	0.2
1005	0.013	0.2
1010	0.013	0.2
1015	0.013	0.2
1020	0.013	0.2
1025	0.013	0.2
1030	0.013	0.2
1035	0.013	0.2
1040	0.013	0.2
1045	0.013	0.2
1050	0.013	0.2
1055	0.013	0.2
1060	0.013	0.2
1065	0.013	0.2
1070	0.013	0.2
1075	0.013	0.2
1080	0.013	0.2
1085	0.013	0.2
1090	0.013	0.2
1095	0.013	0.2
1100	0.013	0.2
1105	0.013	0.2
1110	0.013	0.2
1115	0.013	0.2
1120	0.013	0.2
1125	0.013	0.2
1130	0.013	0.2
1135	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.013	0.2
1145	0.013	0.2
1150	0.013	0.2
1155	0.013	0.2
1160	0.013	0.2
1165	0.013	0.2
1170	0.013	0.2
1175	0.013	0.2
1180	0.013	0.2
1185	0.013	0.2
1190	0.013	0.2
1195	0.013	0.2
1200	0.013	0.2
1205	0.013	0.2
1210	0.013	0.2
1215	0.013	0.2
1220	0.013	0.2
1225	0.013	0.2
1230	0.013	0.2
1235	0.013	0.2
1240	0.013	0.2
1245	0.013	0.2
1250	0.013	0.2
1255	0.013	0.2
1260	0.013	0.3
1265	0.013	0.3
1270	0.013	0.3
1275	0.013	0.3
1280	0.013	0.3
1285	0.013	0.3
1290	0.013	0.3
1295	0.013	0.3
1300	0.013	0.3
1305	0.013	0.3
1310	0.013	0.3
1315	0.013	0.3
1320	0.013	0.3
1325	0.013	0.3
1330	0.013	0.3
1335	0.013	0.3
1340	0.013	0.3
1345	0.013	0.3
1350	0.013	0.3
1355	0.013	0.3
1360	0.013	0.3
1365	0.013	0.3
1370	0.013	0.3
1375	0.013	0.3
1380	0.013	0.3
1385	0.013	0.3
1390	0.013	0.3
1395	0.013	0.3
1400	0.013	0.2
1405	0.013	0.2
1410	0.013	0.2
1415	0.013	0.2
1420	0.013	0.2
1425	0.013	0.2
1430	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.013	0.2
1440	0.013	0.2
1445	0.013	0.2
1450	0.013	0.2
1455	0.013	0.2
1460	0.013	0.2
1465	0.013	0.2
1470	0.013	0.2
1475	0.013	0.2
1480	0.013	0.2
1485	0.013	0.2
1490	0.013	0.2
1495	0.013	0.2
1500	0.013	0.2
1505	0.013	0.2
1510	0.013	0.2
1515	0.013	0.2
1520	0.013	0.2
1525	0.013	0.2
1530	0.013	0.2
1535	0.013	0.2
1540	0.013	0.2
1545	0.013	0.2
1550	0.013	0.2
1555	0.013	0.2
1560	0.013	0.2
1565	0.013	0.2
1570	0.013	0.2
1575	0.013	0.2
1580	0.013	0.2
1585	0.013	0.2
1590	0.013	0.2
1595	0.013	0.2
1600	0.013	0.2
1605	0.013	0.2
1610	0.013	0.2
1615	0.013	0.2
1620	0.013	0.2
1625	0.013	0.2
1630	0.013	0.2
1635	0.013	0.2
1640	0.013	0.2
1645	0.013	0.2
1650	0.013	0.2
1655	0.013	0.2
1660	0.013	0.2
1665	0.013	0.2
1670	0.013	0.2
1675	0.013	0.2
1680	0.013	0.2
1685	0.013	0.2
1690	0.013	0.2
1695	0.013	0.2
1700	0.013	0.2
1705	0.013	0.2
1710	0.013	0.2
1715	0.013	0.2
1720	0.013	0.2
1725	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.013	0.2
1735	0.013	0.2
1740	0.013	0.2
1745	0.013	0.2
1750	0.013	0.2
1755	0.013	0.2
1760	0.013	0.2
1765	0.013	0.2
1770	0.013	0.2
1775	0.013	0.2
1780	0.013	0.2
1785	0.013	0.2
1790	0.013	0.2
1795	0.013	0.2
1800	0.013	0.2
1805	0.013	0.2
1810	0.013	0.2
1815	0.013	0.2
1820	0.013	0.2
1825	0.013	0.2
1830	0.013	0.2
1835	0.013	0.2
1840	0.013	0.2
1845	0.013	0.2
1850	0.013	0.2
1855	0.013	0.2
1860	0.013	0.2
1865	0.013	0.2
1870	0.013	0.2
1875	0.013	0.2
1880	0.013	0.2
1885	0.013	0.2
1890	0.013	0.2
1895	0.013	0.2
1900	0.013	0.2
1905	0.013	0.2
1910	0.013	0.2
1915	0.013	0.2
1920	0.013	0.2
1925	0.013	0.2
1930	0.013	0.2
1935	0.013	0.2
1940	0.013	0.2
1945	0.013	0.2
1950	0.013	0.2
1955	0.013	0.2
1960	0.013	0.2
1965	0.013	0.2
1970	0.013	0.2
1975	0.013	0.2
1980	0.013	0.2
1985	0.013	0.2
1990	0.013	0.2
1995	0.013	0.2
2000	0.013	0.2
2005	0.013	0.2
2010	0.013	0.2
2015	0.013	0.2
2020	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.013	0.2
2030	0.013	0.2
2035	0.013	0.2
2040	0.013	0.2
2045	0.013	0.2
2050	0.013	0.2
2055	0.013	0.2
2060	0.013	0.2
2065	0.013	0.2
2070	0.013	0.2
2075	0.013	0.2
2080	0.013	0.2
2085	0.013	0.2
2090	0.013	0.2
2095	0.013	0.2
2100	0.012	0.2
2105	0.012	0.2
2110	0.012	0.2
2115	0.012	0.2
2120	0.012	0.2
2125	0.012	0.2
2130	0.012	0.2
2135	0.012	0.2
2140	0.012	0.2
2145	0.012	0.2
2150	0.012	0.2
2155	0.012	0.2
2160	0.012	0.2
2165	0.012	0.2
2170	0.012	0.2
2175	0.012	0.2
2180	0.012	0.2
2185	0.012	0.2
2190	0.012	0.2
2195	0.012	0.2
2200	0.012	0.2
2205	0.012	0.2
2210	0.012	0.2
2215	0.012	0.2
2220	0.012	0.2
2225	0.012	0.2
2230	0.012	0.2
2235	0.012	0.2
2240	0.012	0.2
2245	0.012	0.2
2250	0.012	0.2
2255	0.012	0.2
2260	0.012	0.2
2265	0.012	0.2
2270	0.012	0.2
2275	0.012	0.2
2280	0.012	0.2
2285	0.012	0.2
2290	0.012	0.2
2295	0.012	0.2
2300	0.012	0.2
2305	0.012	0.2
2310	0.012	0.2
2315	0.012	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2320	0.012	0.2
2325	0.012	0.2
2330	0.012	0.2
2335	0.012	0.2
2340	0.012	0.2
2345	0.012	0.2
2350	0.012	0.2
2355	0.012	0.2
2360	0.012	0.2
2365	0.012	0.2
2370	0.012	0.2
2375	0.012	0.2
2380	0.012	0.2
2385	0.012	0.2
2390	0.012	0.2
2395	0.012	0.2
2400	0.012	0.2
2405	0.012	0.2
2410	0.012	0.2
2415	0.012	0.2
2420	0.012	0.2
2425	0.012	0.2
2430	0.012	0.2
2435	0.012	0.2
2440	0.012	0.2
2445	0.012	0.2
2450	0.012	0.2
2455	0.012	0.2
2460	0.012	0.2
2465	0.012	0.2
2470	0.012	0.2
2475	0.012	0.2
2480	0.012	0.2
2485	0.012	0.2
2490	0.012	0.2
2495	0.012	0.2
2500	0.012	0.2
2505	0.012	0.2
2510	0.012	0.2
2515	0.012	0.2
2520	0.012	0.2
2525	0.012	0.2
2530	0.012	0.2
2535	0.012	0.2
2540	0.012	0.2
2545	0.012	0.2
2550	0.012	0.2
2555	0.012	0.2
2560	0.012	0.2
2565	0.012	0.2
2570	0.012	0.2
2575	0.012	0.2
2580	0.012	0.2
2585	0.012	0.2
2590	0.012	0.2
2595	0.012	0.2
2600	0.012	0.2
2605	0.012	0.2
2610	0.012	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.012	0.2
2620	0.012	0.2
2625	0.012	0.2
2630	0.012	0.2
2635	0.012	0.2
2640	0.012	0.2
2645	0.012	0.2
2650	0.012	0.2
2655	0.012	0.2
2660	0.012	0.2
2665	0.012	0.2
2670	0.012	0.2
2675	0.012	0.2
2680	0.012	0.2
2685	0.012	0.2
2690	0.012	0.2
2695	0.012	0.2
2700	0.012	0.2
2705	0.012	0.2
2710	0.011	0.2
2715	0.011	0.2
2720	0.011	0.2
2725	0.011	0.2
2730	0.011	0.2
2735	0.011	0.2
2740	0.011	0.2
2745	0.011	0.2
2750	0.011	0.2
2755	0.011	0.2
2760	0.011	0.2
2765	0.011	0.2
2770	0.011	0.2
2775	0.011	0.2
2780	0.011	0.2
2785	0.011	0.2
2790	0.011	0.2
2795	0.011	0.2
2800	0.011	0.2
2805	0.011	0.2
2810	0.011	0.2
2815	0.011	0.2
2820	0.011	0.2
2825	0.011	0.2
2830	0.011	0.2
2835	0.011	0.2
2840	0.011	0.2
2845	0.011	0.2
2850	0.011	0.2
2855	0.011	0.2
2860	0.011	0.2
2865	0.011	0.2
2870	0.011	0.2
2875	0.011	0.2
2880	0.011	0.2



Pipe (4) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 1440 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.000	0.0
305	0.000	0.0
310	0.000	0.0
315	0.001	0.0
320	0.002	0.0
325	0.002	0.0
330	0.002	0.0
335	0.002	0.0
340	0.003	0.0
345	0.003	0.0
350	0.003	0.0
355	0.003	0.0
360	0.003	0.0
365	0.004	0.0
370	0.004	0.0
375	0.004	0.0
380	0.004	0.0
385	0.005	0.0
390	0.005	0.0
395	0.005	0.0
400	0.006	0.0
405	0.006	0.0
410	0.006	0.0
415	0.006	0.0
420	0.006	0.1
425	0.006	0.1
430	0.006	0.1
435	0.006	0.1
440	0.007	0.1
445	0.007	0.1
450	0.007	0.1
455	0.007	0.1
460	0.007	0.1
465	0.007	0.1
470	0.007	0.1
475	0.007	0.1
480	0.007	0.1
485	0.007	0.1
490	0.007	0.1
495	0.008	0.1
500	0.008	0.1
505	0.008	0.1
510	0.008	0.1
515	0.008	0.1
520	0.008	0.1
525	0.008	0.1
530	0.008	0.1
535	0.008	0.1
540	0.008	0.1
545	0.008	0.1

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
550	0.008	0.1
555	0.009	0.1
560	0.009	0.1
565	0.009	0.1
570	0.009	0.1
575	0.009	0.1
580	0.009	0.1
585	0.009	0.1
590	0.009	0.1
595	0.009	0.1
600	0.009	0.1
605	0.009	0.1
610	0.010	0.1
615	0.010	0.1
620	0.010	0.1
625	0.010	0.1
630	0.010	0.1
635	0.010	0.1
640	0.010	0.1
645	0.010	0.1
650	0.010	0.1
655	0.010	0.1
660	0.010	0.1
665	0.010	0.1
670	0.010	0.2
675	0.011	0.2
680	0.011	0.2
685	0.011	0.2
690	0.011	0.2
695	0.011	0.2
700	0.011	0.2
705	0.011	0.2
710	0.011	0.2
715	0.011	0.2
720	0.011	0.2
725	0.011	0.2
730	0.011	0.2
735	0.011	0.2
740	0.011	0.2
745	0.011	0.2
750	0.012	0.2
755	0.012	0.2
760	0.012	0.2
765	0.012	0.2
770	0.012	0.2
775	0.012	0.2
780	0.012	0.2
785	0.012	0.2
790	0.012	0.2
795	0.012	0.2
800	0.012	0.2
805	0.012	0.2
810	0.012	0.2
815	0.012	0.2
820	0.012	0.2
825	0.012	0.2
830	0.012	0.2
835	0.012	0.2
840	0.012	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
845	0.012	0.2
850	0.012	0.2
855	0.012	0.2
860	0.012	0.2
865	0.013	0.2
870	0.013	0.2
875	0.013	0.2
880	0.013	0.2
885	0.013	0.2
890	0.013	0.2
895	0.013	0.2
900	0.013	0.2
905	0.013	0.2
910	0.013	0.2
915	0.013	0.2
920	0.013	0.2
925	0.013	0.2
930	0.013	0.2
935	0.013	0.2
940	0.013	0.2
945	0.013	0.2
950	0.013	0.2
955	0.013	0.2
960	0.013	0.2
965	0.013	0.2
970	0.013	0.2
975	0.013	0.2
980	0.013	0.2
985	0.013	0.2
990	0.013	0.2
995	0.013	0.2
1000	0.013	0.2
1005	0.013	0.2
1010	0.013	0.2
1015	0.013	0.2
1020	0.013	0.2
1025	0.013	0.2
1030	0.013	0.2
1035	0.013	0.2
1040	0.013	0.2
1045	0.013	0.2
1050	0.013	0.2
1055	0.013	0.2
1060	0.013	0.2
1065	0.013	0.2
1070	0.013	0.2
1075	0.013	0.2
1080	0.013	0.2
1085	0.013	0.2
1090	0.013	0.2
1095	0.013	0.2
1100	0.013	0.2
1105	0.013	0.2
1110	0.013	0.2
1115	0.013	0.2
1120	0.013	0.2
1125	0.013	0.2
1130	0.013	0.2
1135	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1140	0.013	0.2
1145	0.013	0.2
1150	0.013	0.2
1155	0.013	0.2
1160	0.013	0.2
1165	0.013	0.2
1170	0.013	0.2
1175	0.013	0.2
1180	0.013	0.2
1185	0.013	0.2
1190	0.013	0.2
1195	0.013	0.2
1200	0.013	0.2
1205	0.013	0.2
1210	0.013	0.2
1215	0.013	0.2
1220	0.013	0.2
1225	0.013	0.2
1230	0.013	0.2
1235	0.013	0.2
1240	0.013	0.2
1245	0.013	0.2
1250	0.013	0.2
1255	0.013	0.2
1260	0.013	0.3
1265	0.013	0.3
1270	0.013	0.3
1275	0.013	0.3
1280	0.013	0.3
1285	0.013	0.3
1290	0.013	0.3
1295	0.013	0.3
1300	0.013	0.3
1305	0.013	0.3
1310	0.013	0.3
1315	0.013	0.3
1320	0.013	0.3
1325	0.013	0.3
1330	0.013	0.3
1335	0.013	0.3
1340	0.013	0.3
1345	0.013	0.3
1350	0.013	0.3
1355	0.013	0.3
1360	0.013	0.3
1365	0.013	0.3
1370	0.013	0.3
1375	0.013	0.3
1380	0.013	0.3
1385	0.013	0.3
1390	0.013	0.3
1395	0.013	0.3
1400	0.013	0.2
1405	0.013	0.2
1410	0.013	0.2
1415	0.013	0.2
1420	0.013	0.2
1425	0.013	0.2
1430	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1435	0.013	0.2
1440	0.013	0.2
1445	0.013	0.2
1450	0.013	0.2
1455	0.013	0.2
1460	0.013	0.2
1465	0.013	0.2
1470	0.013	0.2
1475	0.013	0.2
1480	0.013	0.2
1485	0.013	0.2
1490	0.013	0.2
1495	0.013	0.2
1500	0.013	0.2
1505	0.013	0.2
1510	0.013	0.2
1515	0.013	0.2
1520	0.013	0.2
1525	0.013	0.2
1530	0.013	0.2
1535	0.013	0.2
1540	0.013	0.2
1545	0.013	0.2
1550	0.013	0.2
1555	0.013	0.2
1560	0.013	0.2
1565	0.013	0.2
1570	0.013	0.2
1575	0.013	0.2
1580	0.013	0.2
1585	0.013	0.2
1590	0.013	0.2
1595	0.013	0.2
1600	0.013	0.2
1605	0.013	0.2
1610	0.013	0.2
1615	0.013	0.2
1620	0.013	0.2
1625	0.013	0.2
1630	0.013	0.2
1635	0.013	0.2
1640	0.013	0.2
1645	0.013	0.2
1650	0.013	0.2
1655	0.013	0.2
1660	0.013	0.2
1665	0.013	0.2
1670	0.013	0.2
1675	0.013	0.2
1680	0.013	0.2
1685	0.013	0.2
1690	0.013	0.2
1695	0.013	0.2
1700	0.013	0.2
1705	0.013	0.2
1710	0.013	0.2
1715	0.013	0.2
1720	0.013	0.2
1725	0.013	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
1730	0.013	0.2
1735	0.013	0.2
1740	0.013	0.2
1745	0.013	0.2
1750	0.013	0.2
1755	0.013	0.2
1760	0.013	0.2
1765	0.013	0.2
1770	0.013	0.2
1775	0.013	0.2
1780	0.013	0.2
1785	0.013	0.2
1790	0.013	0.2
1795	0.013	0.2
1800	0.013	0.2
1805	0.013	0.2
1810	0.013	0.2
1815	0.013	0.2
1820	0.013	0.2
1825	0.013	0.2
1830	0.013	0.2
1835	0.013	0.2
1840	0.013	0.2
1845	0.013	0.2
1850	0.013	0.2
1855	0.013	0.2
1860	0.013	0.2
1865	0.013	0.2
1870	0.013	0.2
1875	0.013	0.2
1880	0.013	0.2
1885	0.013	0.2
1890	0.013	0.2
1895	0.013	0.2
1900	0.013	0.2
1905	0.013	0.2
1910	0.013	0.2
1915	0.013	0.2
1920	0.013	0.2
1925	0.013	0.2
1930	0.013	0.2
1935	0.013	0.2
1940	0.013	0.2
1945	0.012	0.2
1950	0.012	0.2
1955	0.012	0.2
1960	0.012	0.2
1965	0.012	0.2
1970	0.012	0.2
1975	0.012	0.2
1980	0.012	0.2
1985	0.012	0.2
1990	0.012	0.2
1995	0.012	0.2
2000	0.012	0.2
2005	0.012	0.2
2010	0.012	0.2
2015	0.012	0.2
2020	0.012	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2025	0.012	0.2
2030	0.012	0.2
2035	0.012	0.2
2040	0.012	0.2
2045	0.012	0.2
2050	0.012	0.2
2055	0.012	0.2
2060	0.012	0.2
2065	0.012	0.2
2070	0.012	0.2
2075	0.012	0.2
2080	0.012	0.2
2085	0.012	0.2
2090	0.012	0.2
2095	0.012	0.2
2100	0.012	0.2
2105	0.012	0.2
2110	0.012	0.2
2115	0.012	0.2
2120	0.012	0.2
2125	0.012	0.2
2130	0.012	0.2
2135	0.012	0.2
2140	0.012	0.2
2145	0.012	0.2
2150	0.012	0.2
2155	0.012	0.2
2160	0.012	0.2
2165	0.012	0.2
2170	0.012	0.2
2175	0.012	0.2
2180	0.012	0.2
2185	0.012	0.2
2190	0.012	0.2
2195	0.012	0.2
2200	0.012	0.2
2205	0.012	0.2
2210	0.012	0.2
2215	0.012	0.2
2220	0.012	0.2
2225	0.012	0.2
2230	0.012	0.2
2235	0.012	0.2
2240	0.012	0.2
2245	0.012	0.2
2250	0.012	0.2
2255	0.012	0.2
2260	0.012	0.2
2265	0.012	0.2
2270	0.012	0.2
2275	0.012	0.2
2280	0.012	0.2
2285	0.012	0.2
2290	0.012	0.2
2295	0.012	0.2
2300	0.012	0.2
2305	0.012	0.2
2310	0.012	0.2
2315	0.012	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2320	0.012	0.2
2325	0.012	0.2
2330	0.012	0.2
2335	0.012	0.2
2340	0.012	0.2
2345	0.012	0.2
2350	0.012	0.2
2355	0.012	0.2
2360	0.012	0.2
2365	0.012	0.2
2370	0.012	0.2
2375	0.012	0.2
2380	0.012	0.2
2385	0.012	0.2
2390	0.012	0.2
2395	0.012	0.2
2400	0.012	0.2
2405	0.012	0.2
2410	0.012	0.2
2415	0.012	0.2
2420	0.012	0.2
2425	0.012	0.2
2430	0.012	0.2
2435	0.012	0.2
2440	0.012	0.2
2445	0.012	0.2
2450	0.012	0.2
2455	0.012	0.2
2460	0.012	0.2
2465	0.012	0.2
2470	0.012	0.2
2475	0.012	0.2
2480	0.012	0.2
2485	0.012	0.2
2490	0.012	0.2
2495	0.012	0.2
2500	0.012	0.2
2505	0.012	0.2
2510	0.012	0.2
2515	0.012	0.2
2520	0.012	0.2
2525	0.012	0.2
2530	0.012	0.2
2535	0.012	0.2
2540	0.012	0.2
2545	0.012	0.2
2550	0.012	0.2
2555	0.012	0.2
2560	0.012	0.2
2565	0.012	0.2
2570	0.012	0.2
2575	0.012	0.2
2580	0.012	0.2
2585	0.011	0.2
2590	0.011	0.2
2595	0.011	0.2
2600	0.011	0.2
2605	0.011	0.2
2610	0.011	0.2

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		

Time (mins)	Depth (m)	Flow (L/s)
2615	0.011	0.2
2620	0.011	0.2
2625	0.011	0.2
2630	0.011	0.2
2635	0.011	0.2
2640	0.011	0.2
2645	0.011	0.2
2650	0.011	0.2
2655	0.011	0.2
2660	0.011	0.2
2665	0.011	0.2
2670	0.011	0.2
2675	0.011	0.2
2680	0.011	0.2
2685	0.011	0.2
2690	0.011	0.2
2695	0.011	0.2
2700	0.011	0.2
2705	0.011	0.2
2710	0.011	0.2
2715	0.011	0.2
2720	0.011	0.2
2725	0.011	0.2
2730	0.011	0.2
2735	0.011	0.2
2740	0.011	0.2
2745	0.011	0.2
2750	0.011	0.2
2755	0.011	0.2
2760	0.011	0.2
2765	0.011	0.2
2770	0.011	0.2
2775	0.011	0.2
2780	0.011	0.2
2785	0.011	0.2
2790	0.011	0.2
2795	0.011	0.2
2800	0.011	0.2
2805	0.011	0.2
2810	0.011	0.2
2815	0.011	0.2
2820	0.011	0.2
2825	0.011	0.2
2830	0.011	0.2
2835	0.011	0.2
2840	0.011	0.2
2845	0.011	0.2
2850	0.011	0.2
2855	0.011	0.2
2860	0.011	0.2
2865	0.011	0.2
2870	0.011	0.2
2875	0.011	0.2
2880	0.011	0.2



Pipe (5) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.005	0.0
10	0.023	0.3
15	0.024	0.1
20	0.016	0.0
25	0.011	0.0
30	0.009	0.0



Pipe (10) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.034	0.1
10	0.087	1.0
15	0.045	1.0
20	0.017	0.4
25	0.009	0.2
30	0.007	0.1



Pipe (6) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.006	0.2
10	0.026	2.4
15	0.019	1.1
20	0.010	0.3
25	0.006	0.1
30	0.005	0.1



Pipe (7) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.068	6.8
10	0.186	33.8
15	0.100	12.6
20	0.049	2.0
25	0.032	0.4
30	0.021	0.2



Pipe (8) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.037	0.0
10	0.090	0.2
15	0.059	0.8
20	0.035	0.8
25	0.026	0.5
30	0.017	0.3

C2 THE BIRTLES:	Date: 25/09/2026		
	Designed by: ZA	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: C2@ 4.2	Company Address:		



Pipe (9) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Winter

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.039	3.6
10	0.150	13.6
15	0.150	3.8
20	0.150	0.1
25	0.150	0.0
30	0.150	0.0



Pipe (11) Type : Pipe

Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.045	3.9
10	0.150	16.6
15	0.150	3.8
20	0.150	0.1
25	0.150	0.1
30	0.150	0.1

No Delay
Critical by Return Period: FEH: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : No Delay

Tables

Time (mins)	Flow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0