

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Inflows Storm Phase: Phase	McAndrew Martin Ltd:		



**Building Left Catchment**

Type : Catchment Area

Area (ha)	0.004
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration	5
Percentage Impervious (%)	100

**Building Right Catchment**

Type : Catchment Area

Area (ha)	0.004
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration	5
Percentage Impervious (%)	100

**Hardstanding Catchment**

Type : Catchment Area

Area (ha)	0.032
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Dynamic Sizing	
Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.750
Winter Volumetric Runoff	0.840
Time of Concentration	5
Percentage Impervious (%)	100

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junctions Storm Phase: Phase	McAndrew Martin Ltd:		



Name	Junction Type	Easting (m)	Northing (m)	Sealed	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape
MH1	Manhole	500423.283	104144.854	☒	2.152	1.020	1.132	Circular
MH2	Manhole	500435.368	104136.574	☒	2.290	1.223	1.067	Circular
MH4	Manhole	500442.898	104131.405	☐	2.259	1.281	0.978	Circular
Headwall	Manhole	500469.271	104113.346	☐	3.000	2.100	0.900	Circular
MH3	Manhole	500438.255	104134.596	☐	2.285	1.283	1.002	Circular

Name	Diameter (m)	Lock
MH1	0.600	None
MH2	0.600	None
MH4	1.200	None
Headwall	0.600	None
MH3	1.200	None

Inlets				
Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH1	Inlet	Building Left Catchment	(None)	No Restriction
	Inlet (1)	Hardstanding Catchment	(None)	No Restriction
MH2	Inlet	Building Right Catchment S1.001	(None)	No Restriction
MH4	Inlet	S1.003	(None)	No Restriction
Headwall	Inlet	S1.005	(None)	No Restriction
MH3	Inlet	S1.002	(None)	No Restriction

Outlets			
Junction	Outlet Name	Outgoing Connection	Outlet Type
MH1	Outlet	S1.001	Free Discharge
MH2	Outlet	S1.002	Free Discharge
MH4	Outlet	S1.004	Free Discharge
MH3	Outlet	S1.003	Free Discharge

EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details:	McAndrew Martin Ltd:			
Type: Stormwater Controls Storm Phase: Phase				



Cellular Storage

Type : Cellular Storage

Dimensions	
Exceedance Level (m)	2.300
Depth (m)	0.400
Base Level (m)	0.960
Number of Crates Long	12
Number of Crates Wide	14
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	0.5
Crate Height (m)	0.4
Total Volume (m³)	32.860
Inlets	
Inlet	
Inlet Type	Point Inflow
Incoming Item(s)	S1.004
Bypass Destination	(None)
Capacity Type	No Restriction
Outlets	
Outlet	
Outgoing Connection	S1.005
Outlet Type	Free Discharge

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connections Storm Phase: Phase	McAndrew Martin Ltd:		



Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
S1.001	14.650	Pipe	225.385		0.6	225	2.152	1.132
S1.002	3.500	Pipe	53.840		0.6	225	2.290	1.067
S1.003	5.634	Pipe	234.738		0.6	225	2.285	1.002
S1.004	4.610	Pipe	256.124		0.6	225	2.259	0.978
S1.005	16.204	Pipe	270.067		0.6	225	2.300	0.960

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Velocity (m/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
S1.001	2.290	1.067		None		(None)	(None)	0
S1.002	2.285	1.002		None		(None)	(None)	0
S1.003	2.259	0.978		None		(None)	(None)	0
S1.004	2.300	0.960		None		(None)	(None)	0
S1.005	3.000	0.900		None		(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
S1.001		0		
S1.002		0		
S1.003		0		
S1.004		0		
S1.005		0		

EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details: Type: Manhole Schedule Storm Phase: Phase	McAndrew Martin Ltd:			

Name	Cover Level (m) Invert Level (m)		Connection Details				Type
Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
MH1	2.152 1.132	Diameter / Length: 0.600					Manhole - Sealed
E:500423.283 N:104144.854	1.020		{a} S1.001	Pipe	1.132	Diam/Width:225	Not Applicable
MH2	2.290 1.067	Diameter / Length: 0.600	{1} S1.001	Pipe	1.067	Diam/Width:225	Manhole - Sealed
E:500435.368 N:104136.574	1.223		{a} S1.002	Pipe	1.067	Diam/Width:225	Not Applicable
MH4	2.259 0.978	Diameter / Length: 1.200	{1} S1.003	Pipe	0.978	Diam/Width:225	Manhole
E:500442.898 N:104131.405	1.281		{a} S1.004	Pipe	0.978	Diam/Width:225	Not Applicable
Headwall	3.000 0.900	Diameter / Length: 0.600	{1} S1.005	Pipe	0.900	Diam/Width:225	Manhole
E:500469.271 N:104113.346	2.100						Not Applicable

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Report Details: Type: Manhole Schedule Storm Phase: Phase	McAndrew Martin Ltd:			

Name	Cover Level (m) Invert Level (m)		Connection Details				Type
Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
MH3	2.285 1.002	Diameter / Length: 1.200	{1} S1.002	Pipe	1.002	Diam/Width:225	Manhole
E:500438.255 N:104134.596	1.283		{a} S1.003	Pipe	1.002	Diam/Width:225	Not Applicable

EA Ford Store:			Date: 06/03/2026					
			Designed by:	Checked by:	Approved By:			
			AH	MM	YA			
Report Details:			McAndrew Martin Ltd:					
Type: Inflow Summary								
Storm Phase: Phase								
Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Building Left Catchment	MH1		Time of Concentration	0.004	100	0	100	0.004
Building Right Catchment	MH2		Time of Concentration	0.004	100	0	100	0.004
Hardstanding Catchment	MH1		Time of Concentration	0.032	100	0	100	0.032
TOTAL		0.0		0.039				0.039

EA Ford Store:	Date: 06/03/2026			
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Report Details:	McAndrew Martin Ltd:			
Type: Network Design Criteria Storm Phase: Phase				

Flow Options

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

Pipe Options

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

Manhole Options

Apply Offset	☐
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EA Ford Store:	Date: 06/03/2026			
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Report Details: Type: Outfall Details Storm Phase: Phase	McAndrew Martin Ltd:			

Outfalls

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

EA Ford Store:	Date: 06/03/2026		
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Report Title: Rainfall Analysis Criteria	McAndrew Martin Ltd:		



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

FSR

Type: FSR

Region	England And Wales
M5-60 (mm)	19.2
Ratio R	0.344
Summer	☒
Winter	☒

Return Period

Return Period (years)	Increase Rainfall (%)
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320
2880	5760
4320	8640
5760	11520
7200	14400
8640	17280
10080	20160

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Report Details:
Type: Junctions Summary
Storm Phase: Phase

McAndrew Martin Ltd:

I

DRN



FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Junction	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
MH1	2.152	1.132	1.187	0.055	4.4	0.016	0.000	4.4	25.019	OK
MH2	2.290	1.067	1.112	0.045	4.8	0.013	0.000	4.8	27.586	OK
MH4	2.259	0.978	1.041	0.063	4.8	0.072	0.000	4.8	27.586	OK
Headwall	3.000	0.900	0.957	0.057	4.6	0.000	0.000	4.6	27.278	OK
MH3	2.285	1.002	1.065	0.063	4.8	0.071	0.000	4.8	27.586	OK

EA Ford Store:

Date:
06/03/2026

Designed by:
AH

Checked by:
MM

Approved By:
YA

Report Details:

Type: Connections Summary
Storm Phase: Phase

McAndrew Martin Ltd:

I

DRN



FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Connection	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
S1.001	Pipe	MH1	MH2	2.152	1.187	0.050	25.019	0.7	0.13	4.4	OK
S1.002	Pipe	MH2	MH3	2.290	1.112	0.054	27.586	0.7	0.07	4.8	OK
S1.004	Pipe	MH4	Cellular Storage	2.259	1.041	0.061	27.586	0.7	0.15	4.8	OK
S1.003	Pipe	MH3	MH4	2.285	1.065	0.063	27.586	0.5	0.14	4.8	OK
S1.005	Pipe	Cellular Storage	Headwall	2.300	1.020	0.059	27.278	0.6	0.15	4.6	OK

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Type: Junction Results Storm Phase: Phase				



MH1
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Manhole

Tables

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Inlet (1) (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)
0	0.0	0.0	0.0	0.0	0.000	0.000	0.000
5	0.1	0.0	0.1	0.1	0.010	0.003	0.000
10	0.4	0.0	0.4	0.4	0.018	0.005	0.000
15	0.6	0.1	0.5	0.6	0.022	0.006	0.000
20	0.7	0.1	0.6	0.7	0.023	0.007	0.000
25	0.8	0.1	0.7	0.8	0.024	0.007	0.000
30	0.8	0.1	0.7	0.8	0.024	0.007	0.000
35	0.8	0.1	0.7	0.8	0.024	0.007	0.000
40	0.8	0.1	0.7	0.8	0.024	0.007	0.000
45	0.8	0.1	0.7	0.8	0.024	0.007	0.000
50	0.8	0.1	0.7	0.8	0.025	0.007	0.000
55	0.9	0.1	0.8	0.9	0.026	0.007	0.000
60	1.0	0.1	0.9	1.0	0.027	0.008	0.000
65	1.2	0.1	1.0	1.2	0.029	0.008	0.000
70	1.4	0.1	1.2	1.4	0.032	0.009	0.000
75	1.6	0.2	1.5	1.6	0.034	0.010	0.000
80	1.9	0.2	1.7	1.9	0.037	0.010	0.000
85	2.2	0.2	2.0	2.2	0.040	0.011	0.000
90	2.6	0.3	2.3	2.6	0.043	0.012	0.000
95	2.9	0.3	2.6	2.9	0.045	0.013	0.000
100	3.3	0.3	2.9	3.3	0.048	0.014	0.000
105	3.6	0.4	3.2	3.6	0.050	0.014	0.000
110	3.9	0.4	3.5	3.9	0.053	0.015	0.000
115	4.2	0.4	3.7	4.2	0.054	0.015	0.000
120	4.4	0.4	3.9	4.4	0.055	0.016	0.000
125	4.4	0.4	3.9	4.4	0.055	0.016	0.000
130	4.2	0.4	3.8	4.2	0.054	0.015	0.000
135	3.9	0.4	3.5	3.9	0.053	0.015	0.000
140	3.6	0.4	3.3	3.6	0.051	0.014	0.000
145	3.3	0.3	3.0	3.3	0.048	0.014	0.000
150	2.9	0.3	2.6	2.9	0.046	0.013	0.000
155	2.6	0.3	2.3	2.6	0.043	0.012	0.000
160	2.2	0.2	2.0	2.2	0.040	0.011	0.000
165	1.9	0.2	1.7	1.9	0.037	0.011	0.000
170	1.6	0.2	1.5	1.6	0.034	0.010	0.000
175	1.4	0.1	1.2	1.4	0.032	0.009	0.000
180	1.2	0.1	1.1	1.2	0.029	0.008	0.000
185	1.0	0.1	0.9	1.0	0.028	0.008	0.000
190	0.9	0.1	0.8	0.9	0.026	0.007	0.000
195	0.8	0.1	0.7	0.8	0.025	0.007	0.000
200	0.8	0.1	0.7	0.8	0.024	0.007	0.000
205	0.8	0.1	0.7	0.8	0.024	0.007	0.000
210	0.8	0.1	0.7	0.8	0.024	0.007	0.000
215	0.8	0.1	0.7	0.8	0.024	0.007	0.000
220	0.8	0.1	0.7	0.8	0.024	0.007	0.000
225	0.7	0.1	0.6	0.7	0.023	0.007	0.000
230	0.6	0.1	0.6	0.6	0.022	0.006	0.000

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Type: Junction Results Storm Phase: Phase				

Time (mins)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0
5	0.1	0.1
10	0.4	0.4
15	0.6	0.6
20	0.7	0.7
25	0.8	0.8
30	0.8	0.8
35	0.8	0.8
40	0.8	0.8
45	0.8	0.8
50	0.8	0.8
55	0.9	0.9
60	1.0	1.0
65	1.2	1.2
70	1.4	1.4
75	1.6	1.6
80	1.9	1.9
85	2.2	2.2
90	2.6	2.6
95	2.9	2.9
100	3.3	3.3
105	3.6	3.6
110	3.9	3.9
115	4.2	4.2
120	4.4	4.4
125	4.4	4.4
130	4.2	4.2
135	3.9	3.9
140	3.6	3.6
145	3.3	3.3
150	2.9	2.9
155	2.6	2.6
160	2.2	2.2
165	1.9	1.9
170	1.6	1.6
175	1.4	1.4
180	1.2	1.2
185	1.0	1.0
190	0.9	0.9
195	0.8	0.8
200	0.8	0.8
205	0.8	0.8
210	0.8	0.8
215	0.8	0.8
220	0.8	0.8
225	0.7	0.7
230	0.6	0.6

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Report Details: Type: Junction Results Storm Phase: Phase		McAndrew Martin Ltd:	



Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Inlet (1) (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)
235	0.4	0.0	0.4	0.4	0.019	0.005	0.000
240	0.2	0.0	0.1	0.2	0.012	0.004	0.000
245	0.0	0.0	0.0	0.0	0.006	0.002	0.000
250	0.0	0.0	0.0	0.0	0.002	0.001	0.000
255	0.0	0.0	0.0	0.0	0.002	0.000	0.000
260	0.0	0.0	0.0	0.0	0.001	0.000	0.000
265	0.0	0.0	0.0	0.0	0.001	0.000	0.000
270	0.0	0.0	0.0	0.0	0.001	0.000	0.000
275	0.0	0.0	0.0	0.0	0.001	0.000	0.000
280	0.0	0.0	0.0	0.0	0.001	0.000	0.000
285	0.0	0.0	0.0	0.0	0.001	0.000	0.000
290	0.0	0.0	0.0	0.0	0.001	0.000	0.000
295	0.0	0.0	0.0	0.0	0.001	0.000	0.000
300	0.0	0.0	0.0	0.0	0.001	0.000	0.000
305	0.0	0.0	0.0	0.0	0.001	0.000	0.000
310	0.0	0.0	0.0	0.0	0.001	0.000	0.000
315	0.0	0.0	0.0	0.0	0.001	0.000	0.000
320	0.0	0.0	0.0	0.0	0.000	0.000	0.000
325	0.0	0.0	0.0	0.0	0.000	0.000	0.000
330	0.0	0.0	0.0	0.0	0.000	0.000	0.000
335	0.0	0.0	0.0	0.0	0.000	0.000	0.000
340	0.0	0.0	0.0	0.0	0.000	0.000	0.000
345	0.0	0.0	0.0	0.0	0.000	0.000	0.000
350	0.0	0.0	0.0	0.0	0.000	0.000	0.000
355	0.0	0.0	0.0	0.0	0.000	0.000	0.000
360	0.0	0.0	0.0	0.0	0.000	0.000	0.000
365	0.0	0.0	0.0	0.0	0.000	0.000	0.000
370	0.0	0.0	0.0	0.0	0.000	0.000	0.000
375	0.0	0.0	0.0	0.0	0.000	0.000	0.000
380	0.0	0.0	0.0	0.0	0.000	0.000	0.000
385	0.0	0.0	0.0	0.0	0.000	0.000	0.000
390	0.0	0.0	0.0	0.0	0.000	0.000	0.000
395	0.0	0.0	0.0	0.0	0.000	0.000	0.000
400	0.0	0.0	0.0	0.0	0.000	0.000	0.000
405	0.0	0.0	0.0	0.0	0.000	0.000	0.000
410	0.0	0.0	0.0	0.0	0.000	0.000	0.000
415	0.0	0.0	0.0	0.0	0.000	0.000	0.000
420	0.0	0.0	0.0	0.0	0.000	0.000	0.000
425	0.0	0.0	0.0	0.0	0.000	0.000	0.000
430	0.0	0.0	0.0	0.0	0.000	0.000	0.000
435	0.0	0.0	0.0	0.0	0.000	0.000	0.000
440	0.0	0.0	0.0	0.0	0.000	0.000	0.000
445	0.0	0.0	0.0	0.0	0.000	0.000	0.000
450	0.0	0.0	0.0	0.0	0.000	0.000	0.000
455	0.0	0.0	0.0	0.0	0.000	0.000	0.000
460	0.0	0.0	0.0	0.0	0.000	0.000	0.000
465	0.0	0.0	0.0	0.0	0.000	0.000	0.000
470	0.0	0.0	0.0	0.0	0.000	0.000	0.000
475	0.0	0.0	0.0	0.0	0.000	0.000	0.000
480	0.0	0.0	0.0	0.0	0.000	0.000	0.000

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Outlet(L/s)	Total Outflow (L/s)
235	0.4	0.4
240	0.2	0.2
245	0.0	0.0
250	0.0	0.0
255	0.0	0.0
260	0.0	0.0
265	0.0	0.0
270	0.0	0.0
275	0.0	0.0
280	0.0	0.0
285	0.0	0.0
290	0.0	0.0
295	0.0	0.0
300	0.0	0.0
305	0.0	0.0
310	0.0	0.0
315	0.0	0.0
320	0.0	0.0
325	0.0	0.0
330	0.0	0.0
335	0.0	0.0
340	0.0	0.0
345	0.0	0.0
350	0.0	0.0
355	0.0	0.0
360	0.0	0.0
365	0.0	0.0
370	0.0	0.0
375	0.0	0.0
380	0.0	0.0
385	0.0	0.0
390	0.0	0.0
395	0.0	0.0
400	0.0	0.0
405	0.0	0.0
410	0.0	0.0
415	0.0	0.0
420	0.0	0.0
425	0.0	0.0
430	0.0	0.0
435	0.0	0.0
440	0.0	0.0
445	0.0	0.0
450	0.0	0.0
455	0.0	0.0
460	0.0	0.0
465	0.0	0.0
470	0.0	0.0
475	0.0	0.0
480	0.0	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		





MH2

FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Manhole

Tables

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
0	0.0	0.0	0.0	0.000	0.000	0.000	0.0
5	0.1	0.1	0.1	0.007	0.002	0.000	0.1
10	0.4	0.4	0.4	0.013	0.004	0.000	0.4
15	0.7	0.7	0.7	0.015	0.004	0.000	0.6
20	0.8	0.8	0.8	0.017	0.005	0.000	0.8
25	0.8	0.8	0.8	0.017	0.005	0.000	0.8
30	0.8	0.8	0.8	0.017	0.005	0.000	0.8
35	0.8	0.8	0.9	0.017	0.005	0.000	0.8
40	0.8	0.8	0.9	0.017	0.005	0.000	0.9
45	0.9	0.9	0.9	0.018	0.005	0.000	0.9
50	0.9	0.9	0.9	0.018	0.005	0.000	0.9
55	1.0	1.0	1.0	0.019	0.005	0.000	1.0
60	1.1	1.1	1.1	0.020	0.006	0.000	1.1
65	1.3	1.3	1.3	0.021	0.006	0.000	1.3
70	1.5	1.5	1.5	0.023	0.007	0.000	1.5
75	1.8	1.8	1.8	0.026	0.007	0.000	1.8
80	2.1	2.1	2.1	0.028	0.008	0.000	2.1
85	2.4	2.4	2.4	0.030	0.009	0.000	2.4
90	2.8	2.8	2.8	0.033	0.009	0.000	2.8
95	3.2	3.2	3.2	0.036	0.010	0.000	3.2
100	3.6	3.6	3.6	0.038	0.011	0.000	3.6
105	4.0	4.0	4.0	0.040	0.011	0.000	4.0
110	4.3	4.3	4.3	0.042	0.012	0.000	4.3
115	4.6	4.6	4.6	0.044	0.012	0.000	4.6
120	4.8	4.8	4.8	0.045	0.013	0.000	4.8
125	4.8	4.8	4.8	0.045	0.013	0.000	4.8
130	4.6	4.6	4.6	0.044	0.013	0.000	4.6
135	4.3	4.3	4.3	0.043	0.012	0.000	4.4
140	4.0	4.0	4.0	0.041	0.012	0.000	4.0
145	3.6	3.6	3.6	0.039	0.011	0.000	3.7
150	3.2	3.2	3.2	0.036	0.010	0.000	3.3
155	2.8	2.8	2.8	0.033	0.009	0.000	2.9
160	2.5	2.5	2.5	0.031	0.009	0.000	2.5
165	2.1	2.1	2.1	0.028	0.008	0.000	2.1
170	1.8	1.8	1.8	0.026	0.007	0.000	1.8
175	1.5	1.5	1.5	0.024	0.007	0.000	1.5
180	1.3	1.3	1.3	0.022	0.006	0.000	1.3
185	1.1	1.1	1.1	0.020	0.006	0.000	1.1
190	1.0	1.0	1.0	0.019	0.005	0.000	1.0
195	0.9	0.9	0.9	0.018	0.005	0.000	0.9
200	0.9	0.9	0.9	0.018	0.005	0.000	0.9
205	0.9	0.9	0.9	0.017	0.005	0.000	0.9
210	0.8	0.8	0.8	0.017	0.005	0.000	0.9
215	0.8	0.8	0.8	0.017	0.005	0.000	0.9
220	0.8	0.8	0.8	0.017	0.005	0.000	0.8
225	0.8	0.8	0.8	0.017	0.005	0.000	0.8
230	0.7	0.7	0.7	0.016	0.004	0.000	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.1
10	0.4
15	0.6
20	0.8
25	0.8
30	0.8
35	0.8
40	0.9
45	0.9
50	0.9
55	1.0
60	1.1
65	1.3
70	1.5
75	1.8
80	2.1
85	2.4
90	2.8
95	3.2
100	3.6
105	4.0
110	4.3
115	4.6
120	4.8
125	4.8
130	4.6
135	4.4
140	4.0
145	3.7
150	3.3
155	2.9
160	2.5
165	2.1
170	1.8
175	1.5
180	1.3
185	1.1
190	1.0
195	0.9
200	0.9
205	0.9
210	0.9
215	0.9
220	0.8
225	0.8
230	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
235	0.5	0.5	0.5	0.014	0.004	0.000	0.5
240	0.2	0.2	0.2	0.009	0.003	0.000	0.2
245	0.0	0.0	0.0	0.005	0.001	0.000	0.1
250	0.0	0.0	0.0	0.002	0.000	0.000	0.0
255	0.0	0.0	0.0	0.001	0.000	0.000	0.0
260	0.0	0.0	0.0	0.001	0.000	0.000	0.0
265	0.0	0.0	0.0	0.001	0.000	0.000	0.0
270	0.0	0.0	0.0	0.001	0.000	0.000	0.0
275	0.0	0.0	0.0	0.001	0.000	0.000	0.0
280	0.0	0.0	0.0	0.001	0.000	0.000	0.0
285	0.0	0.0	0.0	0.000	0.000	0.000	0.0
290	0.0	0.0	0.0	0.000	0.000	0.000	0.0
295	0.0	0.0	0.0	0.000	0.000	0.000	0.0
300	0.0	0.0	0.0	0.000	0.000	0.000	0.0
305	0.0	0.0	0.0	0.000	0.000	0.000	0.0
310	0.0	0.0	0.0	0.000	0.000	0.000	0.0
315	0.0	0.0	0.0	0.000	0.000	0.000	0.0
320	0.0	0.0	0.0	0.000	0.000	0.000	0.0
325	0.0	0.0	0.0	0.000	0.000	0.000	0.0
330	0.0	0.0	0.0	0.000	0.000	0.000	0.0
335	0.0	0.0	0.0	0.000	0.000	0.000	0.0
340	0.0	0.0	0.0	0.000	0.000	0.000	0.0
345	0.0	0.0	0.0	0.000	0.000	0.000	0.0
350	0.0	0.0	0.0	0.000	0.000	0.000	0.0
355	0.0	0.0	0.0	0.000	0.000	0.000	0.0
360	0.0	0.0	0.0	0.000	0.000	0.000	0.0
365	0.0	0.0	0.0	0.000	0.000	0.000	0.0
370	0.0	0.0	0.0	0.000	0.000	0.000	0.0
375	0.0	0.0	0.0	0.000	0.000	0.000	0.0
380	0.0	0.0	0.0	0.000	0.000	0.000	0.0
385	0.0	0.0	0.0	0.000	0.000	0.000	0.0
390	0.0	0.0	0.0	0.000	0.000	0.000	0.0
395	0.0	0.0	0.0	0.000	0.000	0.000	0.0
400	0.0	0.0	0.0	0.000	0.000	0.000	0.0
405	0.0	0.0	0.0	0.000	0.000	0.000	0.0
410	0.0	0.0	0.0	0.000	0.000	0.000	0.0
415	0.0	0.0	0.0	0.000	0.000	0.000	0.0
420	0.0	0.0	0.0	0.000	0.000	0.000	0.0
425	0.0	0.0	0.0	0.000	0.000	0.000	0.0
430	0.0	0.0	0.0	0.000	0.000	0.000	0.0
435	0.0	0.0	0.0	0.000	0.000	0.000	0.0
440	0.0	0.0	0.0	0.000	0.000	0.000	0.0
445	0.0	0.0	0.0	0.000	0.000	0.000	0.0
450	0.0	0.0	0.0	0.000	0.000	0.000	0.0
455	0.0	0.0	0.0	0.000	0.000	0.000	0.0
460	0.0	0.0	0.0	0.000	0.000	0.000	0.0
465	0.0	0.0	0.0	0.000	0.000	0.000	0.0
470	0.0	0.0	0.0	0.000	0.000	0.000	0.0
475	0.0	0.0	0.0	0.000	0.000	0.000	0.0
480	0.0	0.0	0.0	0.000	0.000	0.000	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
235	0.5
240	0.2
245	0.1
250	0.0
255	0.0
260	0.0
265	0.0
270	0.0
275	0.0
280	0.0
285	0.0
290	0.0
295	0.0
300	0.0
305	0.0
310	0.0
315	0.0
320	0.0
325	0.0
330	0.0
335	0.0
340	0.0
345	0.0
350	0.0
355	0.0
360	0.0
365	0.0
370	0.0
375	0.0
380	0.0
385	0.0
390	0.0
395	0.0
400	0.0
405	0.0
410	0.0
415	0.0
420	0.0
425	0.0
430	0.0
435	0.0
440	0.0
445	0.0
450	0.0
455	0.0
460	0.0
465	0.0
470	0.0
475	0.0
480	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		





MH4

FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Manhole

Tables

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
0	0.0	0.0	0.0	0.000	0.000	0.000	0.0
5	0.0	0.0	0.0	0.000	0.000	0.000	0.0
10	0.4	0.4	0.4	0.018	0.020	0.000	0.3
15	0.6	0.6	0.6	0.022	0.025	0.000	0.6
20	0.8	0.8	0.8	0.024	0.027	0.000	0.7
25	0.8	0.8	0.8	0.025	0.028	0.000	0.8
30	0.8	0.8	0.8	0.025	0.028	0.000	0.8
35	0.8	0.8	0.8	0.025	0.028	0.000	0.9
40	0.9	0.9	0.9	0.025	0.028	0.000	0.8
45	0.9	0.9	0.9	0.025	0.029	0.000	0.9
50	0.9	0.9	0.9	0.026	0.029	0.000	0.9
55	1.0	1.0	1.0	0.027	0.030	0.000	1.0
60	1.1	1.1	1.1	0.028	0.032	0.000	1.1
65	1.3	1.3	1.3	0.030	0.034	0.000	1.2
70	1.5	1.5	1.5	0.033	0.037	0.000	1.5
75	1.8	1.8	1.8	0.036	0.040	0.000	1.7
80	2.1	2.1	2.1	0.039	0.044	0.000	2.0
85	2.4	2.4	2.4	0.042	0.047	0.000	2.4
90	2.8	2.8	2.8	0.045	0.051	0.000	2.8
95	3.2	3.2	3.2	0.048	0.055	0.000	3.2
100	3.6	3.6	3.6	0.052	0.059	0.000	3.6
105	3.9	3.9	3.9	0.055	0.062	0.000	3.9
110	4.3	4.3	4.3	0.058	0.066	0.000	4.3
115	4.6	4.6	4.6	0.061	0.069	0.000	4.6
120	4.8	4.8	4.8	0.063	0.071	0.000	4.8
125	4.8	4.8	4.8	0.063	0.072	0.000	4.8
130	4.6	4.6	4.6	0.063	0.071	0.000	4.6
135	4.4	4.4	4.4	0.061	0.070	0.000	4.4
140	4.0	4.0	4.0	0.059	0.067	0.000	4.1
145	3.7	3.7	3.7	0.057	0.064	0.000	3.7
150	3.3	3.3	3.3	0.054	0.061	0.000	3.3
155	2.9	2.9	2.9	0.050	0.057	0.000	2.9
160	2.5	2.5	2.5	0.047	0.053	0.000	2.5
165	2.2	2.2	2.2	0.043	0.049	0.000	2.2
170	1.9	1.9	1.9	0.040	0.045	0.000	1.9
175	1.6	1.6	1.6	0.036	0.041	0.000	1.6
180	1.3	1.3	1.3	0.033	0.038	0.000	1.4
185	1.1	1.1	1.1	0.031	0.035	0.000	1.2
190	1.0	1.0	1.0	0.029	0.032	0.000	1.0
195	0.9	0.9	0.9	0.027	0.031	0.000	0.9
200	0.9	0.9	0.9	0.026	0.030	0.000	0.9
205	0.9	0.9	0.9	0.026	0.030	0.000	0.9
210	0.9	0.9	0.9	0.026	0.029	0.000	0.8
215	0.9	0.9	0.9	0.026	0.030	0.000	0.8
220	0.8	0.8	0.8	0.026	0.029	0.000	0.8
225	0.8	0.8	0.8	0.025	0.029	0.000	0.8
230	0.7	0.7	0.7	0.024	0.027	0.000	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.3
15	0.6
20	0.7
25	0.8
30	0.8
35	0.9
40	0.8
45	0.9
50	0.9
55	1.0
60	1.1
65	1.2
70	1.5
75	1.7
80	2.0
85	2.4
90	2.8
95	3.2
100	3.6
105	3.9
110	4.3
115	4.6
120	4.8
125	4.8
130	4.6
135	4.4
140	4.1
145	3.7
150	3.3
155	2.9
160	2.5
165	2.2
170	1.9
175	1.6
180	1.4
185	1.2
190	1.0
195	0.9
200	0.9
205	0.9
210	0.8
215	0.8
220	0.8
225	0.8
230	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
235	0.5	0.5	0.5	0.020	0.023	0.000	0.5
240	0.3	0.3	0.3	0.015	0.017	0.000	0.3
245	0.1	0.1	0.1	0.010	0.011	0.000	0.1
250	0.0	0.0	0.0	0.005	0.006	0.000	0.0
255	0.0	0.0	0.0	0.004	0.004	0.000	0.0
260	0.0	0.0	0.0	0.003	0.003	0.000	0.0
265	0.0	0.0	0.0	0.003	0.003	0.000	0.0
270	0.0	0.0	0.0	0.002	0.003	0.000	0.0
275	0.0	0.0	0.0	0.002	0.003	0.000	0.0
280	0.0	0.0	0.0	0.002	0.002	0.000	0.0
285	0.0	0.0	0.0	0.002	0.002	0.000	0.0
290	0.0	0.0	0.0	0.002	0.002	0.000	0.0
295	0.0	0.0	0.0	0.002	0.002	0.000	0.0
300	0.0	0.0	0.0	0.002	0.002	0.000	0.0
305	0.0	0.0	0.0	0.002	0.002	0.000	0.0
310	0.0	0.0	0.0	0.002	0.002	0.000	0.0
315	0.0	0.0	0.0	0.001	0.002	0.000	0.0
320	0.0	0.0	0.0	0.001	0.002	0.000	0.0
325	0.0	0.0	0.0	0.001	0.002	0.000	0.0
330	0.0	0.0	0.0	0.001	0.001	0.000	0.0
335	0.0	0.0	0.0	0.001	0.001	0.000	0.0
340	0.0	0.0	0.0	0.001	0.001	0.000	0.0
345	0.0	0.0	0.0	0.001	0.001	0.000	0.0
350	0.0	0.0	0.0	0.001	0.001	0.000	0.0
355	0.0	0.0	0.0	0.001	0.001	0.000	0.0
360	0.0	0.0	0.0	0.001	0.001	0.000	0.0
365	0.0	0.0	0.0	0.001	0.001	0.000	0.0
370	0.0	0.0	0.0	0.001	0.001	0.000	0.0
375	0.0	0.0	0.0	0.001	0.001	0.000	0.0
380	0.0	0.0	0.0	0.001	0.001	0.000	0.0
385	0.0	0.0	0.0	0.001	0.001	0.000	0.0
390	0.0	0.0	0.0	0.001	0.001	0.000	0.0
395	0.0	0.0	0.0	0.001	0.001	0.000	0.0
400	0.0	0.0	0.0	0.001	0.001	0.000	0.0
405	0.0	0.0	0.0	0.001	0.001	0.000	0.0
410	0.0	0.0	0.0	0.001	0.001	0.000	0.0
415	0.0	0.0	0.0	0.001	0.001	0.000	0.0
420	0.0	0.0	0.0	0.001	0.001	0.000	0.0
425	0.0	0.0	0.0	0.001	0.001	0.000	0.0
430	0.0	0.0	0.0	0.001	0.001	0.000	0.0
435	0.0	0.0	0.0	0.001	0.001	0.000	0.0
440	0.0	0.0	0.0	0.001	0.001	0.000	0.0
445	0.0	0.0	0.0	0.001	0.001	0.000	0.0
450	0.0	0.0	0.0	0.001	0.001	0.000	0.0
455	0.0	0.0	0.0	0.001	0.001	0.000	0.0
460	0.0	0.0	0.0	0.001	0.001	0.000	0.0
465	0.0	0.0	0.0	0.001	0.001	0.000	0.0
470	0.0	0.0	0.0	0.001	0.001	0.000	0.0
475	0.0	0.0	0.0	0.001	0.001	0.000	0.0
480	0.0	0.0	0.0	0.000	0.001	0.000	0.0

EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details:	McAndrew Martin Ltd:			
Type: Junction Results Storm Phase: Phase				

Time (mins)	Total Outflow (L/s)
235	0.5
240	0.3
245	0.1
250	0.0
255	0.0
260	0.0
265	0.0
270	0.0
275	0.0
280	0.0
285	0.0
290	0.0
295	0.0
300	0.0
305	0.0
310	0.0
315	0.0
320	0.0
325	0.0
330	0.0
335	0.0
340	0.0
345	0.0
350	0.0
355	0.0
360	0.0
365	0.0
370	0.0
375	0.0
380	0.0
385	0.0
390	0.0
395	0.0
400	0.0
405	0.0
410	0.0
415	0.0
420	0.0
425	0.0
430	0.0
435	0.0
440	0.0
445	0.0
450	0.0
455	0.0
460	0.0
465	0.0
470	0.0
475	0.0
480	0.0

EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:			



Headwall
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Manhole

Tables

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Free Discharge (L/s)
0	0.0	0.0	0.0	0.000	0.000	0.000	0.0
5	0.0	0.0	0.0	0.000	0.000	0.000	0.0
10	0.0	0.0	0.0	0.000	0.000	0.000	0.0
15	0.0	0.0	0.0	0.002	0.000	0.000	0.0
20	0.0	0.0	0.0	0.005	0.000	0.000	0.0
25	0.1	0.1	0.1	0.008	0.000	0.000	0.1
30	0.1	0.1	0.1	0.010	0.000	0.000	0.1
35	0.2	0.2	0.2	0.012	0.000	0.000	0.2
40	0.3	0.3	0.3	0.015	0.000	0.000	0.3
45	0.4	0.4	0.4	0.017	0.000	0.000	0.4
50	0.4	0.4	0.4	0.019	0.000	0.000	0.4
55	0.5	0.5	0.5	0.020	0.000	0.000	0.5
60	0.6	0.6	0.6	0.022	0.000	0.000	0.6
65	0.7	0.7	0.7	0.023	0.000	0.000	0.7
70	0.9	0.9	0.9	0.026	0.000	0.000	0.9
75	1.0	1.0	1.0	0.028	0.000	0.000	1.0
80	1.3	1.3	1.3	0.031	0.000	0.000	1.3
85	1.5	1.5	1.5	0.033	0.000	0.000	1.5
90	1.8	1.8	1.8	0.037	0.000	0.000	1.8
95	2.2	2.2	2.2	0.040	0.000	0.000	2.2
100	2.6	2.6	2.6	0.043	0.000	0.000	2.6
105	3.0	3.0	3.0	0.047	0.000	0.000	3.0
110	3.4	3.4	3.4	0.050	0.000	0.000	3.4
115	3.8	3.8	3.8	0.053	0.000	0.000	3.8
120	4.2	4.2	4.2	0.055	0.000	0.000	4.2
125	4.4	4.4	4.4	0.057	0.000	0.000	4.4
130	4.6	4.6	4.6	0.057	0.000	0.000	4.6
135	4.5	4.5	4.5	0.057	0.000	0.000	4.5
140	4.4	4.4	4.4	0.056	0.000	0.000	4.4
145	4.2	4.2	4.2	0.055	0.000	0.000	4.2
150	3.9	3.9	3.9	0.053	0.000	0.000	3.9
155	3.6	3.6	3.6	0.051	0.000	0.000	3.6
160	3.2	3.2	3.2	0.048	0.000	0.000	3.2
165	2.9	2.9	2.9	0.046	0.000	0.000	2.9
170	2.6	2.6	2.6	0.043	0.000	0.000	2.6
175	2.3	2.3	2.3	0.041	0.000	0.000	2.3
180	2.0	2.0	2.0	0.038	0.000	0.000	2.0
185	1.8	1.8	1.8	0.036	0.000	0.000	1.8
190	1.6	1.6	1.6	0.034	0.000	0.000	1.6
195	1.4	1.4	1.4	0.032	0.000	0.000	1.4
200	1.3	1.3	1.3	0.031	0.000	0.000	1.3
205	1.2	1.2	1.2	0.029	0.000	0.000	1.2
210	1.1	1.1	1.1	0.028	0.000	0.000	1.1
215	1.0	1.0	1.0	0.027	0.000	0.000	1.0
220	1.0	1.0	1.0	0.027	0.000	0.000	1.0
225	0.9	0.9	0.9	0.026	0.000	0.000	0.9
230	0.9	0.9	0.9	0.026	0.000	0.000	0.9

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.1
30	0.1
35	0.2
40	0.3
45	0.4
50	0.4
55	0.5
60	0.6
65	0.7
70	0.9
75	1.0
80	1.3
85	1.5
90	1.8
95	2.2
100	2.6
105	3.0
110	3.4
115	3.8
120	4.2
125	4.4
130	4.6
135	4.5
140	4.4
145	4.2
150	3.9
155	3.6
160	3.2
165	2.9
170	2.6
175	2.3
180	2.0
185	1.8
190	1.6
195	1.4
200	1.3
205	1.2
210	1.1
215	1.0
220	1.0
225	0.9
230	0.9

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Free Discharge (L/s)
235	0.8	0.8	0.8	0.025	0.000	0.000	0.8
240	0.7	0.7	0.7	0.024	0.000	0.000	0.7
245	0.6	0.6	0.6	0.022	0.000	0.000	0.6
250	0.5	0.5	0.5	0.020	0.000	0.000	0.5
255	0.4	0.4	0.4	0.018	0.000	0.000	0.4
260	0.4	0.4	0.4	0.017	0.000	0.000	0.4
265	0.3	0.3	0.3	0.016	0.000	0.000	0.3
270	0.3	0.3	0.3	0.015	0.000	0.000	0.3
275	0.2	0.2	0.2	0.014	0.000	0.000	0.2
280	0.2	0.2	0.2	0.013	0.000	0.000	0.2
285	0.2	0.2	0.2	0.012	0.000	0.000	0.2
290	0.2	0.2	0.2	0.012	0.000	0.000	0.2
295	0.1	0.1	0.1	0.011	0.000	0.000	0.1
300	0.1	0.1	0.1	0.010	0.000	0.000	0.1
305	0.1	0.1	0.1	0.010	0.000	0.000	0.1
310	0.1	0.1	0.1	0.010	0.000	0.000	0.1
315	0.1	0.1	0.1	0.009	0.000	0.000	0.1
320	0.1	0.1	0.1	0.009	0.000	0.000	0.1
325	0.1	0.1	0.1	0.009	0.000	0.000	0.1
330	0.1	0.1	0.1	0.008	0.000	0.000	0.1
335	0.1	0.1	0.1	0.008	0.000	0.000	0.1
340	0.1	0.1	0.1	0.008	0.000	0.000	0.1
345	0.1	0.1	0.1	0.008	0.000	0.000	0.1
350	0.1	0.1	0.1	0.008	0.000	0.000	0.1
355	0.1	0.1	0.1	0.008	0.000	0.000	0.1
360	0.1	0.1	0.1	0.007	0.000	0.000	0.1
365	0.1	0.1	0.1	0.007	0.000	0.000	0.1
370	0.1	0.1	0.1	0.007	0.000	0.000	0.1
375	0.1	0.1	0.1	0.007	0.000	0.000	0.1
380	0.1	0.1	0.1	0.007	0.000	0.000	0.1
385	0.0	0.0	0.0	0.007	0.000	0.000	0.0
390	0.0	0.0	0.0	0.006	0.000	0.000	0.0
395	0.0	0.0	0.0	0.006	0.000	0.000	0.0
400	0.0	0.0	0.0	0.006	0.000	0.000	0.0
405	0.0	0.0	0.0	0.006	0.000	0.000	0.0
410	0.0	0.0	0.0	0.006	0.000	0.000	0.0
415	0.0	0.0	0.0	0.006	0.000	0.000	0.0
420	0.0	0.0	0.0	0.006	0.000	0.000	0.0
425	0.0	0.0	0.0	0.006	0.000	0.000	0.0
430	0.0	0.0	0.0	0.005	0.000	0.000	0.0
435	0.0	0.0	0.0	0.005	0.000	0.000	0.0
440	0.0	0.0	0.0	0.005	0.000	0.000	0.0
445	0.0	0.0	0.0	0.005	0.000	0.000	0.0
450	0.0	0.0	0.0	0.005	0.000	0.000	0.0
455	0.0	0.0	0.0	0.005	0.000	0.000	0.0
460	0.0	0.0	0.0	0.004	0.000	0.000	0.0
465	0.0	0.0	0.0	0.004	0.000	0.000	0.0
470	0.0	0.0	0.0	0.004	0.000	0.000	0.0
475	0.0	0.0	0.0	0.004	0.000	0.000	0.0
480	0.0	0.0	0.0	0.004	0.000	0.000	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
235	0.8
240	0.7
245	0.6
250	0.5
255	0.4
260	0.4
265	0.3
270	0.3
275	0.2
280	0.2
285	0.2
290	0.2
295	0.1
300	0.1
305	0.1
310	0.1
315	0.1
320	0.1
325	0.1
330	0.1
335	0.1
340	0.1
345	0.1
350	0.1
355	0.1
360	0.1
365	0.1
370	0.1
375	0.1
380	0.1
385	0.0
390	0.0
395	0.0
400	0.0
405	0.0
410	0.0
415	0.0
420	0.0
425	0.0
430	0.0
435	0.0
440	0.0
445	0.0
450	0.0
455	0.0
460	0.0
465	0.0
470	0.0
475	0.0
480	0.0

EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:			



MH3
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Manhole

Tables

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
0	0.0	0.0	0.0	0.000	0.000	0.000	0.0
5	0.1	0.1	0.1	0.003	0.003	0.000	0.0
10	0.4	0.4	0.4	0.017	0.020	0.000	0.4
15	0.6	0.6	0.6	0.022	0.025	0.000	0.6
20	0.8	0.8	0.8	0.024	0.027	0.000	0.8
25	0.8	0.8	0.8	0.025	0.028	0.000	0.8
30	0.8	0.8	0.8	0.025	0.029	0.000	0.8
35	0.8	0.8	0.8	0.025	0.029	0.000	0.8
40	0.9	0.9	0.9	0.025	0.029	0.000	0.9
45	0.9	0.9	0.9	0.026	0.029	0.000	0.9
50	0.9	0.9	0.9	0.026	0.030	0.000	0.9
55	1.0	1.0	1.0	0.027	0.031	0.000	1.0
60	1.1	1.1	1.1	0.029	0.033	0.000	1.1
65	1.3	1.3	1.3	0.031	0.035	0.000	1.3
70	1.5	1.5	1.5	0.034	0.038	0.000	1.5
75	1.8	1.8	1.8	0.037	0.041	0.000	1.8
80	2.1	2.1	2.1	0.040	0.045	0.000	2.1
85	2.4	2.4	2.4	0.043	0.049	0.000	2.4
90	2.8	2.8	2.8	0.046	0.053	0.000	2.8
95	3.2	3.2	3.2	0.050	0.056	0.000	3.2
100	3.6	3.6	3.6	0.053	0.060	0.000	3.6
105	4.0	4.0	4.0	0.056	0.063	0.000	3.9
110	4.3	4.3	4.3	0.059	0.066	0.000	4.3
115	4.6	4.6	4.6	0.061	0.069	0.000	4.6
120	4.8	4.8	4.8	0.063	0.071	0.000	4.8
125	4.8	4.8	4.8	0.063	0.071	0.000	4.8
130	4.6	4.6	4.6	0.062	0.070	0.000	4.6
135	4.4	4.4	4.4	0.060	0.068	0.000	4.4
140	4.0	4.0	4.0	0.057	0.065	0.000	4.0
145	3.7	3.7	3.7	0.055	0.062	0.000	3.7
150	3.3	3.3	3.3	0.051	0.058	0.000	3.3
155	2.9	2.9	2.9	0.048	0.054	0.000	2.9
160	2.5	2.5	2.5	0.044	0.050	0.000	2.5
165	2.1	2.1	2.1	0.041	0.046	0.000	2.2
170	1.8	1.8	1.8	0.038	0.043	0.000	1.9
175	1.5	1.5	1.5	0.035	0.039	0.000	1.6
180	1.3	1.3	1.3	0.032	0.036	0.000	1.3
185	1.1	1.1	1.1	0.029	0.033	0.000	1.1
190	1.0	1.0	1.0	0.028	0.031	0.000	1.0
195	0.9	0.9	0.9	0.027	0.030	0.000	0.9
200	0.9	0.9	0.9	0.026	0.029	0.000	0.9
205	0.9	0.9	0.9	0.025	0.029	0.000	0.9
210	0.9	0.9	0.9	0.025	0.029	0.000	0.9
215	0.9	0.9	0.9	0.025	0.029	0.000	0.9
220	0.8	0.8	0.8	0.025	0.029	0.000	0.8
225	0.8	0.8	0.8	0.025	0.028	0.000	0.8
230	0.7	0.7	0.7	0.023	0.026	0.000	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.4
15	0.6
20	0.8
25	0.8
30	0.8
35	0.8
40	0.9
45	0.9
50	0.9
55	1.0
60	1.1
65	1.3
70	1.5
75	1.8
80	2.1
85	2.4
90	2.8
95	3.2
100	3.6
105	3.9
110	4.3
115	4.6
120	4.8
125	4.8
130	4.6
135	4.4
140	4.0
145	3.7
150	3.3
155	2.9
160	2.5
165	2.2
170	1.9
175	1.6
180	1.3
185	1.1
190	1.0
195	0.9
200	0.9
205	0.9
210	0.9
215	0.9
220	0.8
225	0.8
230	0.7

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
235	0.5	0.5	0.5	0.020	0.023	0.000	0.5
240	0.2	0.2	0.2	0.014	0.016	0.000	0.3
245	0.1	0.1	0.1	0.009	0.010	0.000	0.1
250	0.0	0.0	0.0	0.004	0.004	0.000	0.0
255	0.0	0.0	0.0	0.003	0.003	0.000	0.0
260	0.0	0.0	0.0	0.002	0.002	0.000	0.0
265	0.0	0.0	0.0	0.002	0.002	0.000	0.0
270	0.0	0.0	0.0	0.002	0.002	0.000	0.0
275	0.0	0.0	0.0	0.001	0.002	0.000	0.0
280	0.0	0.0	0.0	0.001	0.001	0.000	0.0
285	0.0	0.0	0.0	0.001	0.001	0.000	0.0
290	0.0	0.0	0.0	0.001	0.001	0.000	0.0
295	0.0	0.0	0.0	0.001	0.001	0.000	0.0
300	0.0	0.0	0.0	0.001	0.001	0.000	0.0
305	0.0	0.0	0.0	0.001	0.001	0.000	0.0
310	0.0	0.0	0.0	0.001	0.001	0.000	0.0
315	0.0	0.0	0.0	0.001	0.001	0.000	0.0
320	0.0	0.0	0.0	0.001	0.001	0.000	0.0
325	0.0	0.0	0.0	0.001	0.001	0.000	0.0
330	0.0	0.0	0.0	0.001	0.001	0.000	0.0
335	0.0	0.0	0.0	0.001	0.001	0.000	0.0
340	0.0	0.0	0.0	0.001	0.001	0.000	0.0
345	0.0	0.0	0.0	0.001	0.001	0.000	0.0
350	0.0	0.0	0.0	0.001	0.001	0.000	0.0
355	0.0	0.0	0.0	0.001	0.001	0.000	0.0
360	0.0	0.0	0.0	0.001	0.001	0.000	0.0
365	0.0	0.0	0.0	0.000	0.001	0.000	0.0
370	0.0	0.0	0.0	0.000	0.001	0.000	0.0
375	0.0	0.0	0.0	0.000	0.000	0.000	0.0
380	0.0	0.0	0.0	0.000	0.000	0.000	0.0
385	0.0	0.0	0.0	0.000	0.000	0.000	0.0
390	0.0	0.0	0.0	0.000	0.000	0.000	0.0
395	0.0	0.0	0.0	0.000	0.000	0.000	0.0
400	0.0	0.0	0.0	0.000	0.000	0.000	0.0
405	0.0	0.0	0.0	0.000	0.000	0.000	0.0
410	0.0	0.0	0.0	0.000	0.000	0.000	0.0
415	0.0	0.0	0.0	0.000	0.000	0.000	0.0
420	0.0	0.0	0.0	0.000	0.000	0.000	0.0
425	0.0	0.0	0.0	0.000	0.000	0.000	0.0
430	0.0	0.0	0.0	0.000	0.000	0.000	0.0
435	0.0	0.0	0.0	0.000	0.000	0.000	0.0
440	0.0	0.0	0.0	0.000	0.000	0.000	0.0
445	0.0	0.0	0.0	0.000	0.000	0.000	0.0
450	0.0	0.0	0.0	0.000	0.000	0.000	0.0
455	0.0	0.0	0.0	0.000	0.000	0.000	0.0
460	0.0	0.0	0.0	0.000	0.000	0.000	0.0
465	0.0	0.0	0.0	0.000	0.000	0.000	0.0
470	0.0	0.0	0.0	0.000	0.000	0.000	0.0
475	0.0	0.0	0.0	0.000	0.000	0.000	0.0
480	0.0	0.0	0.0	0.000	0.000	0.000	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Junction Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Total Outflow (L/s)
235	0.5
240	0.3
245	0.1
250	0.0
255	0.0
260	0.0
265	0.0
270	0.0
275	0.0
280	0.0
285	0.0
290	0.0
295	0.0
300	0.0
305	0.0
310	0.0
315	0.0
320	0.0
325	0.0
330	0.0
335	0.0
340	0.0
345	0.0
350	0.0
355	0.0
360	0.0
365	0.0
370	0.0
375	0.0
380	0.0
385	0.0
390	0.0
395	0.0
400	0.0
405	0.0
410	0.0
415	0.0
420	0.0
425	0.0
430	0.0
435	0.0
440	0.0
445	0.0
450	0.0
455	0.0
460	0.0
465	0.0
470	0.0
475	0.0
480	0.0

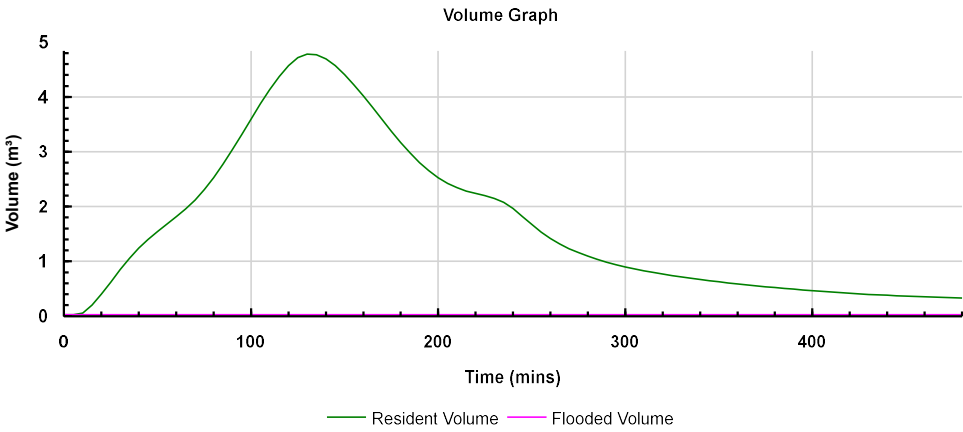
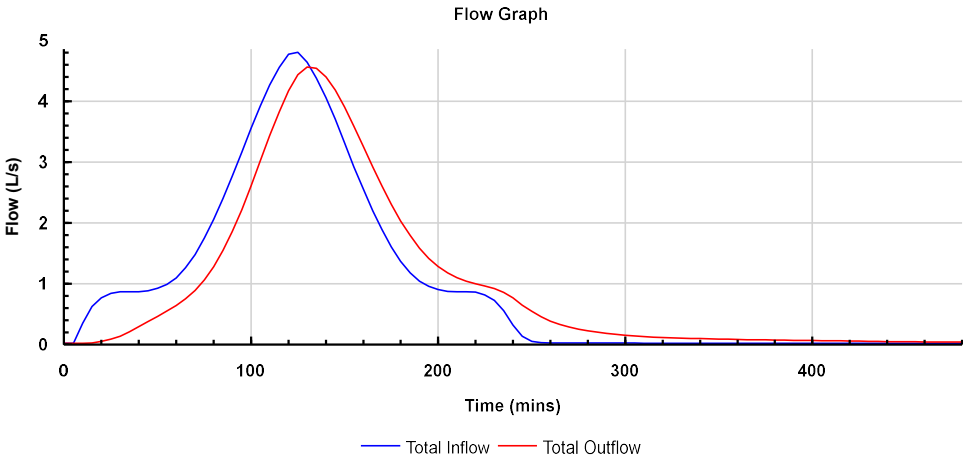
EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details: Type: Stormwater Control Results Storm Phase: Phase	McAndrew Martin Ltd:			



Cellular Storage
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

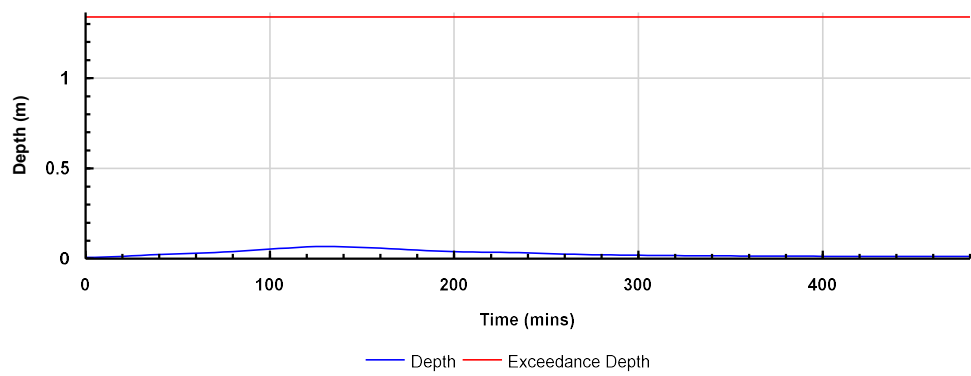
Type : Cellular Storage

Graphs



EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details: Type: Stormwater Control Results Storm Phase: Phase	McAndrew Martin Ltd:			

Depth Graph



EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Stormwater Control Results Storm Phase: Phase	McAndrew Martin Ltd:		



Tables

Time (mins)	Total Inflow (L/s)	Depth(m)	Resident Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
0	0.0	0.000	0.000	0.000	0.0
5	0.0	0.000	0.000	0.000	0.0
10	0.3	0.000	0.029	0.000	0.0
15	0.6	0.002	0.175	0.000	0.0
20	0.7	0.005	0.376	0.000	0.0
25	0.8	0.008	0.599	0.000	0.1
30	0.8	0.010	0.825	0.000	0.1
35	0.9	0.013	1.034	0.000	0.2
40	0.8	0.015	1.220	0.000	0.3
45	0.9	0.017	1.382	0.000	0.4
50	0.9	0.019	1.526	0.000	0.4
55	1.0	0.021	1.661	0.000	0.5
60	1.1	0.023	1.794	0.000	0.6
65	1.2	0.024	1.938	0.000	0.7
70	1.5	0.026	2.102	0.000	0.9
75	1.7	0.029	2.294	0.000	1.0
80	2.0	0.032	2.515	0.000	1.3
85	2.4	0.035	2.760	0.000	1.5
90	2.8	0.038	3.025	0.000	1.8
95	3.2	0.041	3.305	0.000	2.2
100	3.6	0.045	3.591	0.000	2.6
105	3.9	0.049	3.870	0.000	3.0
110	4.3	0.052	4.132	0.000	3.4
115	4.6	0.055	4.368	0.000	3.8
120	4.8	0.057	4.568	0.000	4.2
125	4.8	0.059	4.716	0.000	4.4
130	4.6	0.060	4.784	0.000	4.6
135	4.4	0.060	4.771	0.000	4.5
140	4.1	0.059	4.694	0.000	4.4
145	3.7	0.057	4.569	0.000	4.2
150	3.3	0.055	4.408	0.000	3.9
155	2.9	0.053	4.219	0.000	3.6
160	2.5	0.050	4.012	0.000	3.2
165	2.2	0.048	3.797	0.000	2.9
170	1.9	0.045	3.581	0.000	2.6
175	1.6	0.042	3.367	0.000	2.3
180	1.4	0.040	3.161	0.000	2.0
185	1.2	0.037	2.967	0.000	1.8
190	1.0	0.035	2.791	0.000	1.6
195	0.9	0.033	2.640	0.000	1.4
200	0.9	0.031	2.514	0.000	1.3
205	0.9	0.030	2.411	0.000	1.2
210	0.8	0.029	2.330	0.000	1.1
215	0.8	0.028	2.269	0.000	1.0
220	0.8	0.028	2.223	0.000	1.0
225	0.8	0.027	2.182	0.000	0.9
230	0.7	0.027	2.133	0.000	0.9
235	0.5	0.026	2.061	0.000	0.8
240	0.3	0.024	1.951	0.000	0.7
245	0.1	0.023	1.804	0.000	0.6
250	0.0	0.021	1.656	0.000	0.5
255	0.0	0.019	1.517	0.000	0.4
260	0.0	0.017	1.399	0.000	0.4

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Stormwater Control Results Storm Phase: Phase		McAndrew Martin Ltd:	



Time (mins)	Total Inflow (L/s)	Depth(m)	Resident Volume (m³)	Flooded Volume (m³)	Total Outflow (L/s)
265	0.0	0.016	1.299	0.000	0.3
270	0.0	0.015	1.212	0.000	0.3
275	0.0	0.014	1.137	0.000	0.2
280	0.0	0.013	1.072	0.000	0.2
285	0.0	0.013	1.014	0.000	0.2
290	0.0	0.012	0.963	0.000	0.2
295	0.0	0.011	0.916	0.000	0.1
300	0.0	0.011	0.875	0.000	0.1
305	0.0	0.010	0.837	0.000	0.1
310	0.0	0.010	0.803	0.000	0.1
315	0.0	0.010	0.772	0.000	0.1
320	0.0	0.009	0.744	0.000	0.1
325	0.0	0.009	0.718	0.000	0.1
330	0.0	0.009	0.692	0.000	0.1
335	0.0	0.008	0.668	0.000	0.1
340	0.0	0.008	0.645	0.000	0.1
345	0.0	0.008	0.623	0.000	0.1
350	0.0	0.008	0.603	0.000	0.1
355	0.0	0.007	0.583	0.000	0.1
360	0.0	0.007	0.564	0.000	0.1
365	0.0	0.007	0.546	0.000	0.1
370	0.0	0.007	0.528	0.000	0.1
375	0.0	0.006	0.512	0.000	0.1
380	0.0	0.006	0.496	0.000	0.1
385	0.0	0.006	0.481	0.000	0.0
390	0.0	0.006	0.467	0.000	0.0
395	0.0	0.006	0.453	0.000	0.0
400	0.0	0.006	0.440	0.000	0.0
405	0.0	0.005	0.427	0.000	0.0
410	0.0	0.005	0.415	0.000	0.0
415	0.0	0.005	0.403	0.000	0.0
420	0.0	0.005	0.392	0.000	0.0
425	0.0	0.005	0.381	0.000	0.0
430	0.0	0.005	0.372	0.000	0.0
435	0.0	0.005	0.363	0.000	0.0
440	0.0	0.004	0.355	0.000	0.0
445	0.0	0.004	0.347	0.000	0.0
450	0.0	0.004	0.340	0.000	0.0
455	0.0	0.004	0.333	0.000	0.0
460	0.0	0.004	0.326	0.000	0.0
465	0.0	0.004	0.320	0.000	0.0
470	0.0	0.004	0.315	0.000	0.0
475	0.0	0.004	0.309	0.000	0.0
480	0.0	0.004	0.304	0.000	0.0

EA Ford Store:

Date:
06/03/2026

Designed by:
AH

Checked by:
MM

Approved By:
YA

Report Details:

Type: Connection Results

Storm Phase: Phase

McAndrew Martin Ltd:

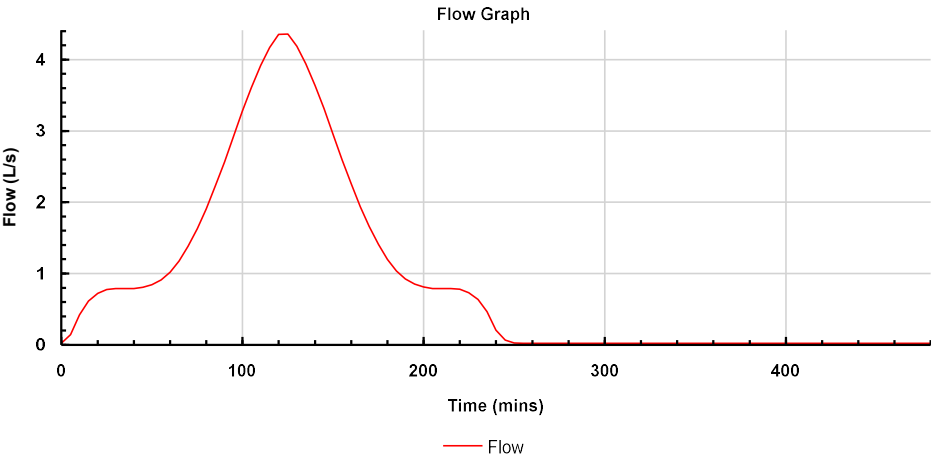
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DRN

 **S1.001**
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.009	0.1
10	0.015	0.4
15	0.018	0.6
20	0.020	0.7
25	0.021	0.8
30	0.021	0.8
35	0.021	0.8
40	0.021	0.8
45	0.021	0.8
50	0.022	0.8
55	0.022	0.9
60	0.024	1.0
65	0.025	1.2
70	0.028	1.4
75	0.030	1.6
80	0.032	1.9
85	0.035	2.2
90	0.038	2.6
95	0.041	2.9
100	0.043	3.3
105	0.045	3.6
110	0.047	3.9
115	0.049	4.2
120	0.050	4.4
125	0.050	4.4

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
130	0.049	4.2
135	0.048	3.9
140	0.046	3.6
145	0.043	3.3
150	0.041	2.9
155	0.038	2.6
160	0.035	2.2
165	0.033	1.9
170	0.030	1.6
175	0.028	1.4
180	0.026	1.2
185	0.024	1.0
190	0.022	0.9
195	0.022	0.8
200	0.021	0.8
205	0.021	0.8
210	0.021	0.8
215	0.021	0.8
220	0.021	0.8
225	0.020	0.7
230	0.019	0.6
235	0.016	0.4
240	0.011	0.2
245	0.005	0.0
250	0.002	0.0
255	0.001	0.0
260	0.001	0.0
265	0.001	0.0
270	0.001	0.0
275	0.001	0.0
280	0.001	0.0
285	0.001	0.0
290	0.001	0.0
295	0.001	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

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
	McAndrew Martin Ltd:		
Report Details: Type: Connection Results Storm Phase: Phase			



Time (mins)	Depth (m)	Flow (L/s)
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	0.000	0.0
475	0.000	0.0
480	0.000	0.0

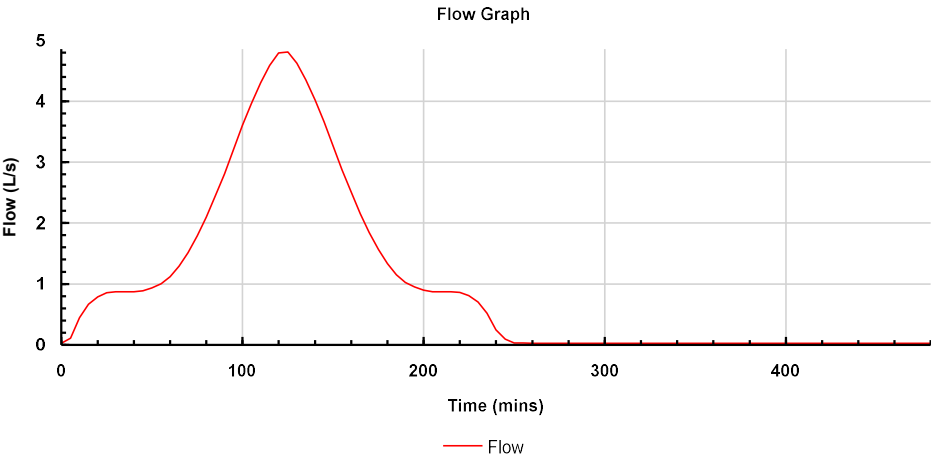
EA Ford Store:	Date: 06/03/2026			
	Designed by: AH	Checked by: MM	Approved By: YA	
Report Details:	McAndrew Martin Ltd:			
Type: Connection Results Storm Phase: Phase				



S1.002
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.005	0.1
10	0.015	0.4
15	0.019	0.6
20	0.020	0.8
25	0.021	0.8
30	0.021	0.8
35	0.021	0.8
40	0.021	0.9
45	0.022	0.9
50	0.022	0.9
55	0.023	1.0
60	0.024	1.1
65	0.026	1.3
70	0.028	1.5
75	0.031	1.8
80	0.034	2.1
85	0.037	2.4
90	0.040	2.8
95	0.043	3.2
100	0.046	3.6
105	0.048	4.0
110	0.051	4.3
115	0.053	4.6
120	0.054	4.8
125	0.054	4.8

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
130	0.053	4.6
135	0.051	4.4
140	0.049	4.0
145	0.047	3.7
150	0.044	3.3
155	0.041	2.9
160	0.038	2.5
165	0.035	2.1
170	0.032	1.8
175	0.029	1.5
180	0.027	1.3
185	0.025	1.1
190	0.023	1.0
195	0.022	0.9
200	0.022	0.9
205	0.021	0.9
210	0.021	0.9
215	0.021	0.9
220	0.021	0.8
225	0.021	0.8
230	0.019	0.7
235	0.017	0.5
240	0.012	0.2
245	0.007	0.1
250	0.003	0.0
255	0.002	0.0
260	0.001	0.0
265	0.001	0.0
270	0.001	0.0
275	0.001	0.0
280	0.001	0.0
285	0.001	0.0
290	0.001	0.0
295	0.001	0.0
300	0.001	0.0
305	0.001	0.0
310	0.001	0.0
315	0.001	0.0
320	0.001	0.0
325	0.001	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

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
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	0.000	0.0
475	0.000	0.0
480	0.000	0.0

EA Ford Store:

Report Details:
Type: Connection Results
Storm Phase: Phase

Date:
06/03/2026

Designed by:
AH

Checked by:
MM

Approved By:
YA

McAndrew Martin Ltd:

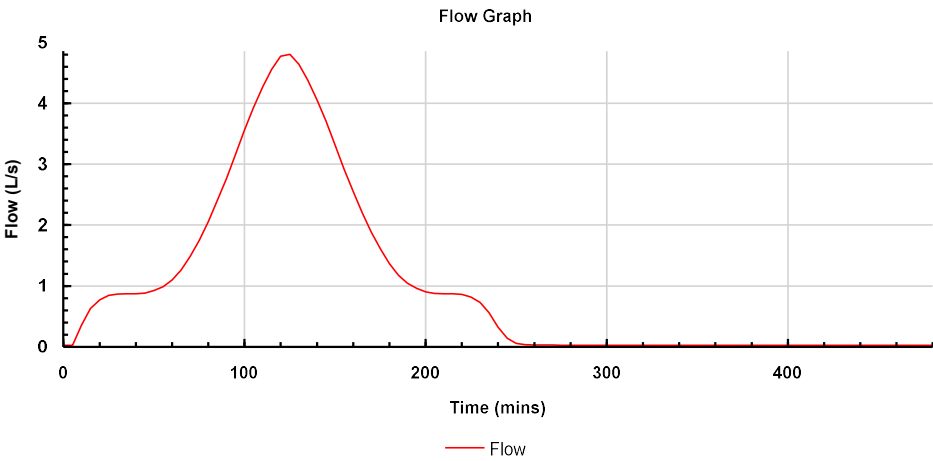
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DRN

 **S1.004**
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.009	0.3
15	0.012	0.6
20	0.014	0.7
25	0.016	0.8
30	0.018	0.8
35	0.019	0.9
40	0.020	0.8
45	0.021	0.9
50	0.023	0.9
55	0.024	1.0
60	0.025	1.1
65	0.027	1.2
70	0.030	1.5
75	0.032	1.7
80	0.035	2.0
85	0.038	2.4
90	0.042	2.8
95	0.045	3.2
100	0.048	3.6
105	0.052	3.9
110	0.055	4.3
115	0.058	4.6
120	0.060	4.8
125	0.061	4.8

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
130	0.061	4.6
135	0.061	4.4
140	0.059	4.1
145	0.057	3.7
150	0.054	3.3
155	0.052	2.9
160	0.049	2.5
165	0.045	2.2
170	0.042	1.9
175	0.039	1.6
180	0.036	1.4
185	0.034	1.2
190	0.032	1.0
195	0.030	0.9
200	0.029	0.9
205	0.028	0.9
210	0.028	0.8
215	0.027	0.8
220	0.027	0.8
225	0.026	0.8
230	0.025	0.7
235	0.023	0.5
240	0.020	0.3
245	0.016	0.1
250	0.013	0.0
255	0.011	0.0
260	0.010	0.0
265	0.009	0.0
270	0.009	0.0
275	0.008	0.0
280	0.008	0.0
285	0.007	0.0
290	0.007	0.0
295	0.007	0.0
300	0.006	0.0
305	0.006	0.0
310	0.006	0.0
315	0.006	0.0
320	0.005	0.0
325	0.005	0.0
330	0.005	0.0
335	0.005	0.0
340	0.005	0.0
345	0.004	0.0
350	0.004	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	0.004	0.0
385	0.003	0.0
390	0.003	0.0
395	0.003	0.0
400	0.003	0.0
405	0.003	0.0
410	0.003	0.0
415	0.003	0.0
420	0.003	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
	McAndrew Martin Ltd:		
Report Details: Type: Connection Results Storm Phase: Phase			



Time (mins)	Depth (m)	Flow (L/s)
425	0.003	0.0
430	0.003	0.0
435	0.003	0.0
440	0.003	0.0
445	0.002	0.0
450	0.002	0.0
455	0.002	0.0
460	0.002	0.0
465	0.002	0.0
470	0.002	0.0
475	0.002	0.0
480	0.002	0.0

EA Ford Store:

Date:
06/03/2026

Designed by:
AH

Checked by:
MM

Approved By:
YA

Report Details:

Type: Connection Results
Storm Phase: Phase

McAndrew Martin Ltd:

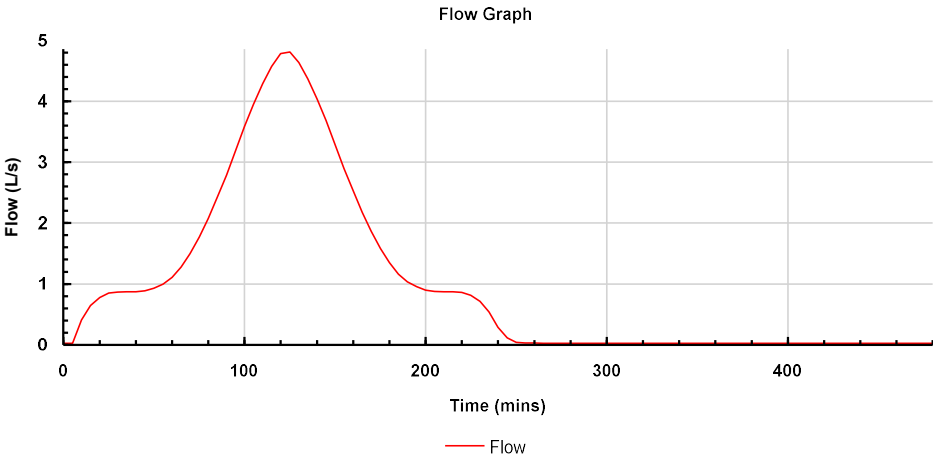
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DRN

 **S1.003**
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.018	0.4
15	0.022	0.6
20	0.024	0.8
25	0.025	0.8
30	0.025	0.8
35	0.025	0.8
40	0.025	0.9
45	0.026	0.9
50	0.026	0.9
55	0.027	1.0
60	0.029	1.1
65	0.031	1.3
70	0.033	1.5
75	0.036	1.8
80	0.039	2.1
85	0.042	2.4
90	0.046	2.8
95	0.049	3.2
100	0.052	3.6
105	0.056	3.9
110	0.058	4.3
115	0.061	4.6
120	0.063	4.8
125	0.063	4.8

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
130	0.062	4.6
135	0.061	4.4
140	0.058	4.0
145	0.056	3.7
150	0.052	3.3
155	0.049	2.9
160	0.046	2.5
165	0.042	2.2
170	0.039	1.9
175	0.036	1.6
180	0.033	1.3
185	0.030	1.1
190	0.028	1.0
195	0.027	0.9
200	0.026	0.9
205	0.026	0.9
210	0.026	0.9
215	0.026	0.9
220	0.026	0.8
225	0.025	0.8
230	0.023	0.7
235	0.020	0.5
240	0.015	0.3
245	0.009	0.1
250	0.004	0.0
255	0.003	0.0
260	0.003	0.0
265	0.002	0.0
270	0.002	0.0
275	0.002	0.0
280	0.002	0.0
285	0.002	0.0
290	0.001	0.0
295	0.001	0.0
300	0.001	0.0
305	0.001	0.0
310	0.001	0.0
315	0.001	0.0
320	0.001	0.0
325	0.001	0.0
330	0.001	0.0
335	0.001	0.0
340	0.001	0.0
345	0.001	0.0
350	0.001	0.0
355	0.001	0.0
360	0.001	0.0
365	0.001	0.0
370	0.001	0.0
375	0.001	0.0
380	0.001	0.0
385	0.001	0.0
390	0.001	0.0
395	0.001	0.0
400	0.001	0.0
405	0.001	0.0
410	0.001	0.0
415	0.001	0.0
420	0.000	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
	McAndrew Martin Ltd:		
Report Details: Type: Connection Results Storm Phase: Phase			



Time (mins)	Depth (m)	Flow (L/s)
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	0.000	0.0
475	0.000	0.0
480	0.000	0.0

EA Ford Store:

Date:

06/03/2026

Designed by:

AH

Checked by:

MM

Approved By:

YA

Report Details:

Type: Connection Results

Storm Phase: Phase

McAndrew Martin Ltd:

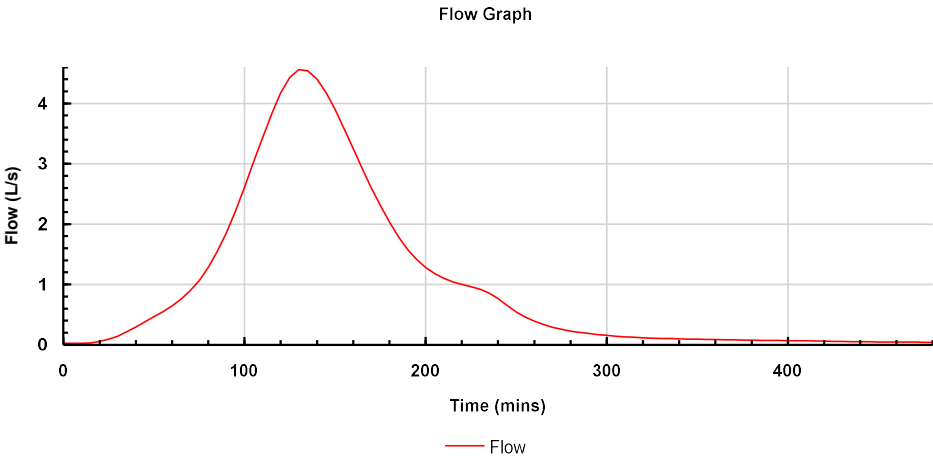
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DRN

 **S1.005**
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.002	0.0
20	0.005	0.0
25	0.008	0.1
30	0.010	0.1
35	0.013	0.2
40	0.015	0.3
45	0.017	0.4
50	0.019	0.4
55	0.020	0.5
60	0.022	0.6
65	0.024	0.7
70	0.026	0.9
75	0.028	1.0
80	0.031	1.3
85	0.034	1.5
90	0.037	1.8
95	0.041	2.2
100	0.044	2.6
105	0.048	3.0
110	0.051	3.4
115	0.054	3.8
120	0.056	4.2
125	0.058	4.4

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
Report Details: Type: Connection Results Storm Phase: Phase	McAndrew Martin Ltd:		



Time (mins)	Depth (m)	Flow (L/s)
130	0.059	4.6
135	0.059	4.5
140	0.058	4.4
145	0.056	4.2
150	0.054	3.9
155	0.052	3.6
160	0.049	3.2
165	0.047	2.9
170	0.044	2.6
175	0.041	2.3
180	0.039	2.0
185	0.037	1.8
190	0.034	1.6
195	0.033	1.4
200	0.031	1.3
205	0.030	1.2
210	0.029	1.1
215	0.028	1.0
220	0.027	1.0
225	0.027	0.9
230	0.026	0.9
235	0.025	0.8
240	0.024	0.7
245	0.022	0.6
250	0.020	0.5
255	0.019	0.4
260	0.017	0.4
265	0.016	0.3
270	0.015	0.3
275	0.014	0.2
280	0.013	0.2
285	0.012	0.2
290	0.012	0.2
295	0.011	0.1
300	0.011	0.1
305	0.010	0.1
310	0.010	0.1
315	0.009	0.1
320	0.009	0.1
325	0.009	0.1
330	0.009	0.1
335	0.008	0.1
340	0.008	0.1
345	0.008	0.1
350	0.008	0.1
355	0.007	0.1
360	0.007	0.1
365	0.007	0.1
370	0.007	0.1
375	0.007	0.1
380	0.006	0.1
385	0.006	0.0
390	0.006	0.0
395	0.006	0.0
400	0.006	0.0
405	0.006	0.0
410	0.006	0.0
415	0.005	0.0
420	0.005	0.0

EA Ford Store:	Date: 06/03/2026		
	Designed by: AH	Checked by: MM	Approved By: YA
	McAndrew Martin Ltd:		
Report Details: Type: Connection Results Storm Phase: Phase			



Time (mins)	Depth (m)	Flow (L/s)
425	0.005	0.0
430	0.005	0.0
435	0.005	0.0
440	0.005	0.0
445	0.005	0.0
450	0.004	0.0
455	0.004	0.0
460	0.004	0.0
465	0.004	0.0
470	0.004	0.0
475	0.004	0.0
480	0.004	0.0