

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflows Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Hard standing east

Type : Catchment Area

Area (m²)	135.305
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east (1)

Type : Catchment Area

Area (m²)	248.792
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east 2

Type : Catchment Area

Area (m²)	237.081
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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building east 3

Type : Catchment Area

Area (m²)	237.999
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east 4

Type : Catchment Area

Area (m²)	248.338
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east 5

Type : Catchment Area

Area (m²)	255.658
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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building east6

Type : Catchment Area

Area (m²)	238.954
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east 7

Type : Catchment Area

Area (m²)	234.509
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100



building east 8

Type : Catchment Area

Area (m²)	249.648
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.950
Winter Volumetric Runoff	0.950
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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Catchment Area

Type : Catchment Area

Area (m²)	49.141
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (1)

Type : Catchment Area

Area (m²)	162.50
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (2)

Type : Catchment Area

Area (m²)	40.059
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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Catchment Area (3)

Type : Catchment Area

Area (m²)	138.918
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (4)

Type : Catchment Area

Area (m²)	157.891
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (5)

Type : Catchment Area

Area (m²)	124.302
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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Catchment Area (6)

Type : Catchment Area

Area (m²)	26.204
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (7)

Type : Catchment Area

Area (m²)	46.875
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (8)

Type : Catchment Area

Area (m²)	118.663
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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Catchment Area (9)

Type : Catchment Area

Area (m²)	270.926
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (10)

Type : Catchment Area

Area (m²)	103.657
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (11)

Type : Catchment Area

Area (m²)	1311.053
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100

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Hard standing east (1) (1)

Type : Catchment Area

Area (m²)	1333.884
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (8) (1)

Type : Catchment Area

Area (m²)	117.049
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100



Catchment Area (8) (1) (1)

Type : Catchment Area

Area (m²)	101.914
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Dynamic Sizing

Runoff Method	Time of Concentration
Summer Volumetric Runoff	0.900
Winter Volumetric Runoff	0.900
Time of Concentration (mins)	5
Percentage Impervious (%)	100

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junctions Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
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Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
S.2-04	Manhole	346179.009	392288.529	51.178	1.493	49.685	Circular	1.200
S.2-03	Manhole	346213.249	392312.605	51.190	1.338	49.852	Circular	1.200
UNIT 2 outfall	Manhole	346140.600	392262.900	43.508	1.791	41.717	Circular	1.200
S.2-05	Manhole	346195.252	392265.915	51.170	1.578	49.592	Circular	1.200
S.2-13	Manhole	346196.057	392263.708	51.001	4.457	46.545	Circular	1.200
S.2-01	Manhole	346260.624	392317.765	51.247	0.900	50.347	Circular	1.200
S.2-09	Manhole	346225.614	392283.914	51.057	1.583	49.474	Circular	1.200
S.2-10	Manhole	346230.356	392279.354	51.124	1.671	49.452	Circular	1.200
S.2-12	Manhole	346203.202	392268.001	51.043	4.471	46.572	Circular	1.200
S.2-02	Manhole	346246.974	392336.416	51.221	1.163	50.059	Circular	1.200
S.2-08	Manhole	346240.938	392261.941	51.292	1.500	49.792	Circular	1.200
S.2-06	Manhole	346281.893	392278.320	51.826	1.500	50.326	Circular	1.200
S.2-07	Manhole	346259.818	392308.838	51.090	1.408	49.682	Circular	1.200
interceptor 2.1	Manhole	346228.474	392278.091	51.122	1.678	49.444	Circular	1.200
S.2-11	Manhole	346226.647	392276.861	51.121	1.684	49.437	Circular	1.200

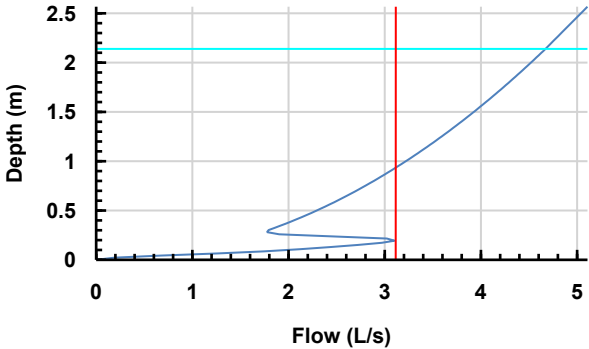
Name	Lock
S.2-04	None
S.2-03	None
UNIT 2 outfall	None
S.2-05	None
S.2-13	None
S.2-01	None
S.2-09	None
S.2-10	None
S.2-12	None
S.2-02	None
S.2-08	None
S.2-06	None
S.2-07	None
interceptor 2.1	None
S.2-11	None

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Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
S.2-04	Inlet	S.02-1.003	(None)	No Restriction
	Inlet (3)	Catchment Area (8)	(None)	No Restriction
S.2-03	Inlet	S.02-1.002	(None)	No Restriction
	Inlet (1)	building east 2	(None)	No Restriction
	Inlet (3)	building east (1) building east 3	(None)	No Restriction
	Inlet (4)	Catchment Area (9)	(None)	No Restriction
UNIT 2 outfall	Inlet	S.02-1.013	(None)	No Restriction
S.2-05	Inlet	S.02-1.004 building east 5	(None)	No Restriction
	Inlet (1)	Catchment Area (8) (1)	(None)	No Restriction
S.2-13	Inlet (1)	S.02-1.012 S.02-5.001	(None)	No Restriction
S.2-01	Inlet	building east 8 building east 7	(None)	No Restriction
	Inlet (1)	Catchment Area (10)	(None)	No Restriction
S.2-09	Inlet	building east6 S.02-3.002 S.02-1.005	(None)	No Restriction
S.2-10	Inlet	S.02-1.006	(None)	No Restriction
	Inlet (1)	S.02-4.001	(None)	No Restriction
S.2-12	Inlet (1)	S.02-1.011	(None)	No Restriction
S.2-02	Inlet (1)	S.02-1.001	(None)	No Restriction
	Inlet (2)	building east 4	(None)	No Restriction
S.2-08	Inlet	Hard standing east	(None)	No Restriction
	Inlet (1)	Hard standing east (1) (1)	(None)	No Restriction
S.2-06	Inlet	Catchment Area (11)	(None)	No Restriction
S.2-07	Inlet	S.02-3.001 S.02-2.001	(None)	No Restriction
	Inlet (1)	Catchment Area (8) (1) (1)	(None)	No Restriction
interceptor 2.1	Inlet	S.02-1.007	(None)	No Restriction
S.2-11	Inlet	S.02-1.008	(None)	No Restriction

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Outlets			
Junction	Outlet Name	Outgoing Connection	Outlet Type
S.2-04	Outlet	S.02-1.004	Free Discharge
S.2-03	Outlet	S.02-1.003	Free Discharge
S.2-05	Outlet (1)	S.02-1.005	Free Discharge
S.2-13	Outlet	S.02-1.013	Hydro-Brake®
	Invert Level (m)	46.545	
	Design Depth (m)	2.139	
	Design Flow (L/s)	4.67	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☐	
	Unit Reference	CHE-0082-4670-2139-4670	
			
S.2-01	Outlet	S.02-1.001	Free Discharge
S.2-09	Outlet	S.02-1.006	Free Discharge
S.2-10	Outlet	S.02-1.007	Free Discharge
S.2-12	Outlet	S.02-1.012	Free Discharge
S.2-02	Outlet	S.02-1.002	Free Discharge
S.2-08	Outlet	S.02-4.001	Free Discharge
S.2-06	Outlet	S.02-3.001	Free Discharge
S.2-07	Outlet	S.02-3.002	Free Discharge
interceptor 2.1	Outlet	S.02-1.008	Free Discharge
S.2-11	Outlet	S.02-1.010	Free Discharge

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2.6

Type : Porous Paving

Dimensions	
Exceedance Level (m)	51.064
Depth (m)	0.900
Base Level (m)	50.164
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	7.448
Long. Slope (1:X)	100.00
Width (m)	6.751
Total Volume (m³)	12.822

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

Inlet (1)	
Inlet Type	Point Inflow
Incoming Item(s)	No Delay (2)
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets	
Outlet	
Outgoing Connection	S.02-2.001
Outlet Type	Free Discharge

Advanced	
Conductivity (m/hr)	500.0

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2.5

Type : Porous Paving

Dimensions

Exceedance Level (m)	51.218
Depth (m)	0.700
Base Level (m)	50.518
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	35.072
Long. Slope (1:X)	75.00
Width (m)	5.000
Total Volume (m³)	34.195

Inlets

Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (1)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

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

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	No Delay (1)
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	No Delay (2)
Outlet Type	Orifice
Diameter (m)	0.225
Coefficient of Discharge	0.600
Invert Level (m)	50.518

Advanced

Conductivity (m/hr)	500.0
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2.4

Type : Porous Paving

Dimensions

Exceedance Level (m)	51.623
Depth (m)	0.500
Base Level (m)	51.123
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	4.440
Long. Slope (1:X)	70.00
Width (m)	36.510
Total Volume (m³)	21.884

Inlets

Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (3)
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	No Delay (1)
Outlet Type	Orifice
Diameter (m)	0.225
Coefficient of Discharge	0.600
Invert Level (m)	51.123

Advanced

Conductivity (m/hr)	500.0
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2.1

Type : Porous Paving

Dimensions

Exceedance Level (m)	50.947
Depth (m)	0.500
Base Level (m)	50.447
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	5.127
Long. Slope (1:X)	74.00
Width (m)	35.062
Total Volume (m³)	24.268

Inlets

Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (4)
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	No Delay
Outlet Type	Orifice
Diameter (m)	0.225
Coefficient of Discharge	0.600
Invert Level (m)	50.447

Advanced

Conductivity (m/hr)	500.0
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2.3

Type : Porous Paving

Dimensions	
Exceedance Level (m)	50.917
Depth (m)	0.900
Base Level (m)	50.017
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	7.500
Long. Slope (1:X)	75.00
Width (m)	6.250
Total Volume (m³)	11.953

Inlets	
Inlet	
Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (7)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)	
Inlet Type	Point Inflow
Incoming Item(s)	No Delay (3)
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets	
Outlet	
Outgoing Connection	S.02-5.001
Outlet Type	Free Discharge

Advanced	
Conductivity (m/hr)	500.0

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2.2

Type : Porous Paving

Dimensions

Exceedance Level (m)	50.917
Depth (m)	0.700
Base Level (m)	50.217
Paving Layer Depth (mm)	50
Membrane Percolation (m/hr)	324.0
Porosity (%)	30
Length (m)	24.860
Long. Slope (1:X)	100.00
Width (m)	5.000
Total Volume (m³)	24.239

Inlets

Inlet

Inlet Type	Lateral Inflow
Incoming Item(s)	Catchment Area (5)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area (6)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

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

Outlets

Outlet

Outgoing Connection	No Delay (3)
Outlet Type	Orifice
Diameter (m)	0.225
Coefficient of Discharge	0.600
Invert Level (m)	50.217

Advanced

Conductivity (m/hr)	500.0
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CS 2-1

Type : Cellular Storage

Dimensions

Exceedance Level (m)	49.127
Depth (m)	1.200
Base Level (m)	46.586
Number of Crates Long	27
Number of Crates Wide	19
Number of Crates High	3
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	0.5
Crate Height (m)	0.4
Total Volume (m³)	293.751

Inlets

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	S.02-1.010
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet (1)

Outgoing Connection	S.02-1.011
Outlet Type	Free Discharge

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connections Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
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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)
S.02-1.006	6.579	Pipe	300.000		0.6	375	51.057	49.474
S.02-1.013	55.463	Pipe	11.489		0.6	375	51.001	46.545
No Delay	3.387	No Delay						
No Delay (1)	2.398	No Delay						
S.02-4.001	20.376	Pipe	76.889		0.6	300	51.292	49.792
S.02-3.002	42.322	Pipe	318.067		0.6	300	51.090	49.682
S.02-3.001	37.665	Pipe	58.475		0.6	300	51.826	50.326
S.02-1.011	4.102	Pipe	300.000		0.6	375	51.033	46.586
S.02-1.012	8.335	Pipe	300.000		0.6	375	51.043	46.572
No Delay (2)	2.355	No Delay						
No Delay (3)	3.130	No Delay						
S.02-5.001	1.363	Pipe	1.266		0.6	225	51.017	50.566
S.02-2.001	2.913	Pipe	6.044		0.6	100	51.076	50.164
S.02-1.007	2.266	Pipe	300.000		0.6	375	51.124	49.452
S.02-1.005	35.297	Pipe	300.000		0.6	375	51.170	49.592
S.02-1.001	23.113	Pipe	80.238		0.6	375	51.247	50.347
S.02-1.002	41.283	Pipe	200.000		0.6	375	51.221	50.059
S.02-1.003	41.857	Pipe	250.000		0.6	375	51.190	49.852
S.02-1.004	27.843	Pipe	300.000		0.6	375	51.178	49.685
S.02-1.008	2.202	Pipe	300.000		0.6	375	51.122	49.444
S.02-1.010	7.835	Pipe	3.867		0.6	375	51.121	49.437

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance
S.02-1.006	51.124	49.452	None		(None)	(None)
S.02-1.013	43.508	41.717	None	5.1	(None)	(None)
No Delay						
No Delay (1)						
S.02-4.001	51.124	49.527	Levels		(None)	(None)
S.02-3.002	51.057	49.549	Levels		(None)	(None)
S.02-3.001	51.090	49.682	None		(None)	(None)
S.02-1.011	51.043	46.572	None		(None)	(None)
S.02-1.012	51.001	46.545	None		(None)	(None)
No Delay (2)						
No Delay (3)						
S.02-5.001	51.001	49.489	Levels		(None)	(None)
S.02-2.001	51.090	49.682	None		(None)	(None)
S.02-1.007	51.122	49.444	Levels		(None)	(None)
S.02-1.005	51.057	49.474	None		(None)	(None)
S.02-1.001	51.221	50.059	None		(None)	(None)
S.02-1.002	51.190	49.852	None		(None)	(None)
S.02-1.003	51.178	49.685	None		(None)	(None)
S.02-1.004	51.170	49.592	None		(None)	(None)
S.02-1.008	51.121	49.437	Levels		(None)	(None)
S.02-1.010	51.113	47.411	Levels		(None)	(None)

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (m²)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (m²)
building east (1)	S.2-03		Time of Concentration	248.792	100	0	100	248.792
building east 2	S.2-03		Time of Concentration	237.081	100	0	100	237.081
building east 3	S.2-03		Time of Concentration	237.999	100	0	100	237.999
building east 4	S.2-02		Time of Concentration	248.338	100	0	100	248.338
building east 5	S.2-05		Time of Concentration	255.658	100	0	100	255.658
building east 7	S.2-01		Time of Concentration	234.509	100	0	100	234.509
building east 8	S.2-01		Time of Concentration	249.648	100	0	100	249.648
building east6	S.2-09		Time of Concentration	238.954	100	0	100	238.954
Catchment Area	2.6		Time of Concentration	49.141	100	0	100	49.141
Catchment Area (1)	2.5		Time of Concentration	162.500	100	0	100	162.500
Catchment Area (2)	2.5		Time of Concentration	40.059	100	0	100	40.059
Catchment Area (3)	2.4		Time of Concentration	138.918	100	0	100	138.918
Catchment Area (4)	2.1		Time of Concentration	157.891	100	0	100	157.891
Catchment Area (5)	2.2		Time of Concentration	124.302	100	0	100	124.302
Catchment Area (6)	2.2		Time of Concentration	26.204	100	0	100	26.204
Catchment Area (7)	2.3		Time of Concentration	46.875	100	0	100	46.875
Catchment Area (8)	S.2-04		Time of Concentration	118.663	100	0	100	118.663
Catchment Area (8) (1)	S.2-05		Time of Concentration	117.049	100	0	100	117.049
Catchment Area (8) (1) (1)	S.2-07		Time of Concentration	101.914	100	0	100	101.914
Catchment Area (9)	S.2-03		Time of Concentration	270.926	100	0	100	270.926
Catchment Area (10)	S.2-01		Time of Concentration	103.657	100	0	100	103.657
Catchment Area (11)	S.2-06		Time of Concentration	1311.053	100	0	100	1311.053
Hard standing east	S.2-08		Time of Concentration	135.305	100	0	100	135.305
Hard standing east (1) (1)	S.2-08		Time of Concentration	1333.884	100	0	100	1333.884
TOTAL		0.0		6189.319				6189.319

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflows Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (m²)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Hard standing east	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	135.30	7.6	3.301
building east (1)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	248.79	14.8	6.416
building east 2	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	237.08	14.1	6.110
building east 3	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	238.00	14.2	6.137
building east 4	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	248.34	14.8	6.401
building east 5	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	255.66	15.2	6.593
building east6	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	238.95	14.2	6.161
building east 7	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	234.51	14.0	6.047
building east 8	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	249.65	14.9	6.437
Catchment Area	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	49.14	2.8	1.202
Catchment Area (1)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	162.50	9.2	3.966
Catchment Area (2)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	40.06	2.3	0.977
Catchment Area (3)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	138.92	7.8	3.394
Catchment Area (4)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	157.89	8.9	3.858

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		 Stantec	
Report Details: Type: Inflows Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

Catchment Area (5)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	124.30	7.0	3.037
Catchment Area (6)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	26.20	1.5	0.642
Catchment Area (7)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	46.88	2.6	1.145
Catchment Area (8)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	118.66	6.7	2.899
Catchment Area (9)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	270.93	15.3	6.617
Catchment Area (10)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	103.66	5.8	2.533
Catchment Area (11)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	1311.05	73.9	32.016
Hard standing east (1) (1)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	1333.88	75.2	32.576
Catchment Area (8) (1)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	117.05	6.6	2.860
Catchment Area (8) (1) (1)	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	101.91	5.7	2.491

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junctions Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
S.2-04	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.178	49.685	50.169	0.484	68.7	0.547	0.000	78.3	49.508	Surcharged
S.2-03	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.190	49.852	50.233	0.381	90.7	0.430	0.000	62.0	46.717	Surcharged
UNIT 2 outfall	Aldi Prescott: 100 years: +30 %: 960 mins: Winter	43.508	41.717	41.738	0.021	3.5	0.000	0.000	3.5	317.812	OK
S.2-05	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.170	49.592	50.131	0.539	83.1	0.609	0.000	87.8	58.882	Surcharged
S.2-13	Aldi Prescott: 100 years: +30 %: 960 mins: Winter	51.001	46.545	47.765	1.220	3.5	1.380	0.000	3.5	317.860	Surcharged
S.2-01	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.247	50.347	50.449	0.103	34.7	0.116	0.000	33.9	15.034	OK
S.2-09	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.057	49.474	50.058	0.583	161.5	0.660	0.000	159.3	100.263	Surcharged
S.2-10	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.124	49.452	49.966	0.513	239.5	0.581	0.000	238.5	136.133	Surcharged
S.2-12	Aldi Prescott: 100 years: +30 %: 960 mins: Winter	51.043	46.572	47.766	1.193	3.5	1.350	0.000	3.5	313.819	Surcharged
S.2-02	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.221	50.059	50.212	0.153	48.6	0.173	0.000	32.4	21.429	OK
S.2-08	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.292	49.792	50.113	0.322	82.8	0.364	0.000	80.2	35.728	Surcharged
S.2-06	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.826	50.326	50.477	0.151	73.9	0.171	0.000	72.9	31.970	OK
S.2-07	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.090	49.682	50.262	0.580	78.6	0.656	0.000	71.9	35.454	Surcharged
interceptor 2.1	Aldi Prescott: 100 years: +30 %: 30 mins: Summer	51.122	49.444	49.820	0.376	201.6	0.425	0.000	173.4	181.054	Surcharged
S.2-11	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	51.121	49.437	49.584	0.148	228.5	0.167	0.000	238.3	136.072	OK

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Stormwater Controls Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Critical Storm Per Item: Rank By: Max. DS Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Percentage Available (%)	Status	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)
CS 2-1	Aldi Prescott: 100 years: +30 %: 960 mins: Winter	47.765	47.765	1.179	1.179	18.7	287.376	0.000	2.170	OK	0.000	3.5	315.137
2.6	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	50.359	50.199	0.120	0.035	7.6	0.980	0.000	92.353	OK	0.000	1.0	1.415
2.5	Aldi Prescott: 100 years: +30 %: 60 mins: Summer	51.232	50.570	0.247	0.052	7.4	8.343	0.000	75.601	OK	0.000	0.9	3.242
2.4	Aldi Prescott: 100 years: +30 %: 60 mins: Winter	51.246	51.234	0.059	0.111	3.6	4.116	0.000	81.193	OK	0.000	0.9	3.422
2.1	Aldi Prescott: 100 years: +30 %: 1440 mins: Summer	50.635	50.634	0.119	0.187	0.6	8.250	0.000	66.004	OK	0.000	0.1	8.150
2.3	Aldi Prescott: 100 years: +30 %: 1440 mins: Winter	50.579	50.570	0.462	0.553	0.2	7.137	0.000	40.294	OK	0.000	0.2	8.766
2.2	Aldi Prescott: 100 years: +30 %: 1440 mins: Winter	50.634	50.579	0.169	0.362	0.5	9.853	0.000	59.351	OK	0.000	0.2	11.926

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connections Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Critical Storm Per Item: Rank By: Max. Flow

Connection	Storm Event	From	To	Connection Type	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
S.02-1.006	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-09	S.2-10	Pipe	51.057	50.058	0.375	100.248	1.4	1.39	159.3	Surcharged
S.02-1.013	Aldi Prescott: 100 years: +30 %: 960 mins: Winter	S.2-13	UNIT 2 outfall	Pipe	51.001	47.765	0.021	317.812	1.5	0.01	3.5	Surcharged
No Delay	Aldi Prescott: 100 years: +30 %: 240 mins: Winter	2.1	2.2	No Delay		50.586	0.010	3.195	0.0		0.2	
No Delay (1)	Aldi Prescott: 100 years: +30 %: 30 mins: Summer	2.4	2.5	No Delay		51.196	0.018	1.954	0.0		1.1	
S.02-4.001	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-08	S.2-10	Pipe	51.292	50.113	0.300	35.728	1.1	0.63	80.2	Surcharged
S.02-3.002	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-07	S.2-09	Pipe	51.090	50.262	0.300	35.046	1.0	1.16	71.9	Surcharged
S.02-3.001	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-06	S.2-07	Pipe	51.826	50.477	0.300	31.970	1.0	0.5	72.9	OK
S.02-1.011	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	CS 2-1	S.2-12	Pipe	51.033	47.122	0.375	5.630	0.3	0.08	8.7	Surcharged
S.02-1.012	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-12	S.2-13	Pipe	51.043	47.122	0.375	4.284	0.1	0.05	5.5	Surcharged
No Delay (2)	Aldi Prescott: 100 years: +30 %: 60 mins: Summer	2.5	2.6	No Delay		50.676	0.018	3.242	0.0		0.9	
No Delay (3)	Aldi Prescott: 100 years: +30 %: 30 mins: Summer	2.2	2.3	No Delay		50.325	0.011	1.194	0.0		0.8	
S.02-5.001	Aldi Prescott: 100 years: +30 %: 1440 mins: Winter	2.3	S.2-13	Pipe	51.017	50.524	0.003	8.766	1.4	0	0.2	OK
S.02-2.001	Aldi Prescott: 100 years: +30 %: 30 mins: Summer	2.6	S.2-07	Pipe	51.076	50.245	0.100	2.130	0.7	0.05	1.2	OK
S.02-1.007	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-10	intercept or 2.1	Pipe	51.124	49.966	0.375	136.118	2.2	2.07	238.5	Surcharged

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		
Report Details: Type: Connections Summary Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG	Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN		



S.02-1.005	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-05	S.2-09	Pipe	51.170	50.131	0.375	58.882	0.8	0.76	87.8	Surcharged
S.02-1.001	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-01	S.2-02	Pipe	51.247	50.449	0.128	15.034	1.0	0.15	33.9	OK
S.02-1.002	Aldi Prescott: 100 years: +30 %: 15 mins: Winter	S.2-02	S.2-03	Pipe	51.221	50.200	0.239	21.424	0.5	0.27	37.9	OK
S.02-1.003	Aldi Prescott: 30 years: +30 %: 15 mins: Summer	S.2-03	S.2-04	Pipe	51.190	50.075	0.287	37.786	0.8	0.59	74.8	OK
S.02-1.004	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-04	S.2-05	Pipe	51.178	50.169	0.375	49.508	0.7	0.68	78.3	Surcharged
S.02-1.008	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	intercept or 2.1	S.2-11	Pipe	51.122	49.796	0.250	136.599	2.9	1.99	228.5	OK
S.02-1.010	Aldi Prescott: 100 years: +30 %: 15 mins: Summer	S.2-11	CS 2-1	Pipe	51.121	49.584	0.135	136.072	6.7	0.23	238.3	OK

Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Phase Management Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

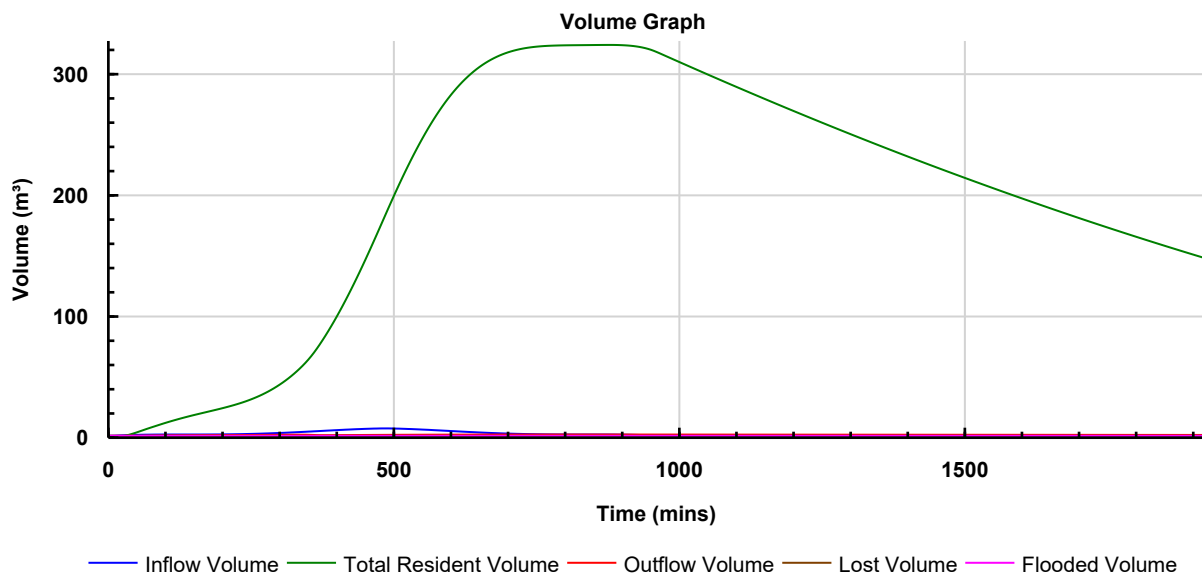
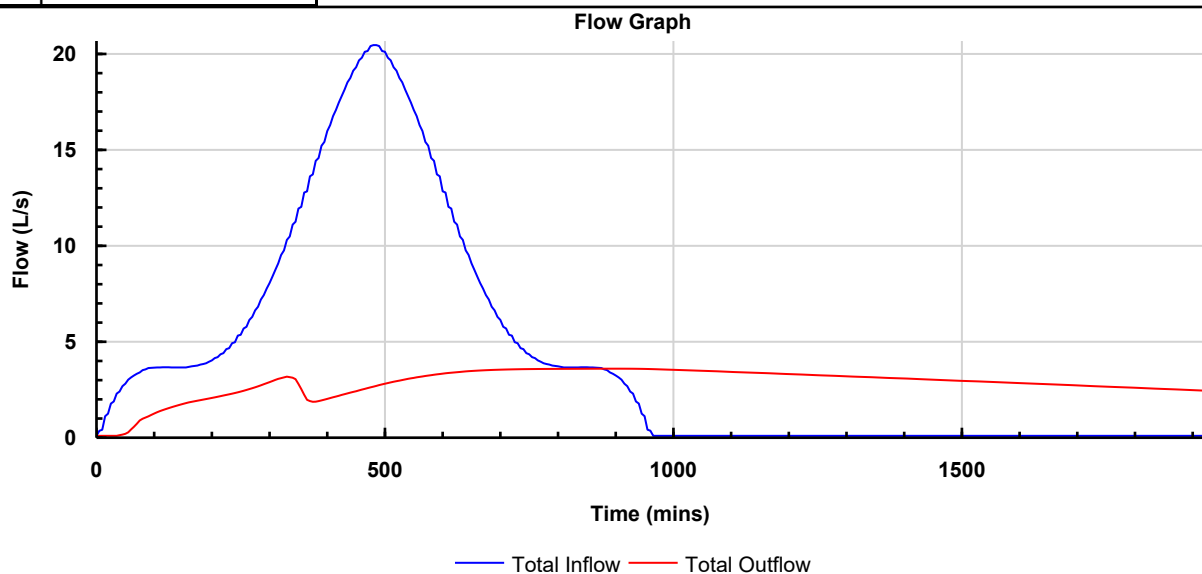


Unit 2- east
Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
UNIT 2 outfall			3.5	317.812
TOTAL	20.5	465.643	3.5	317.812

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Hard standing east
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

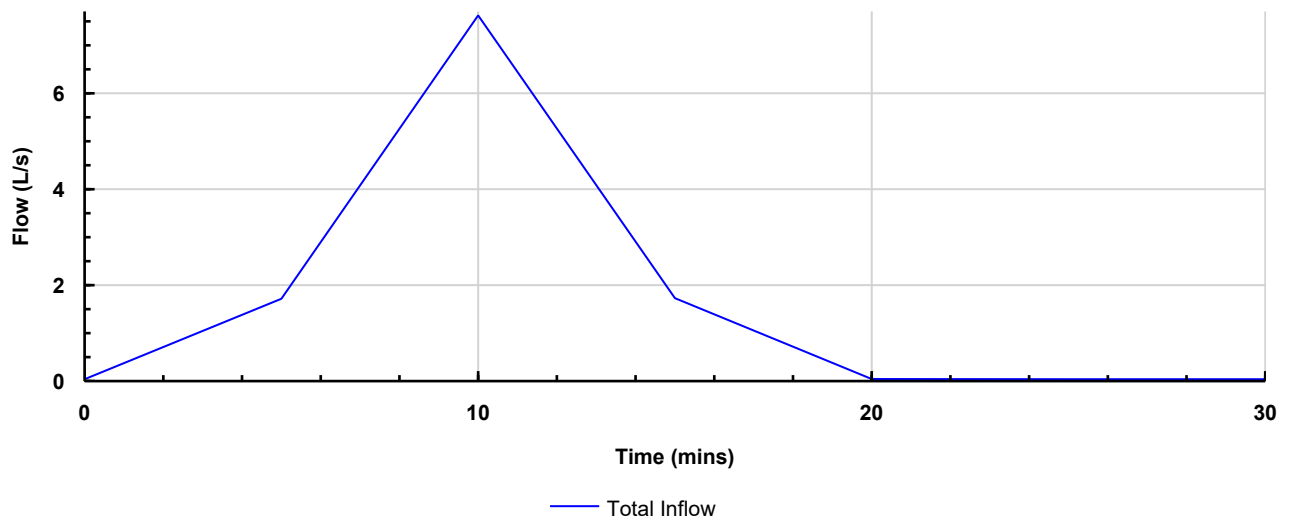
Type : Catchment Area

Inflow

Max. Inflow (L/s)	7.6
Total Inflow Volume (m³)	3.301

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



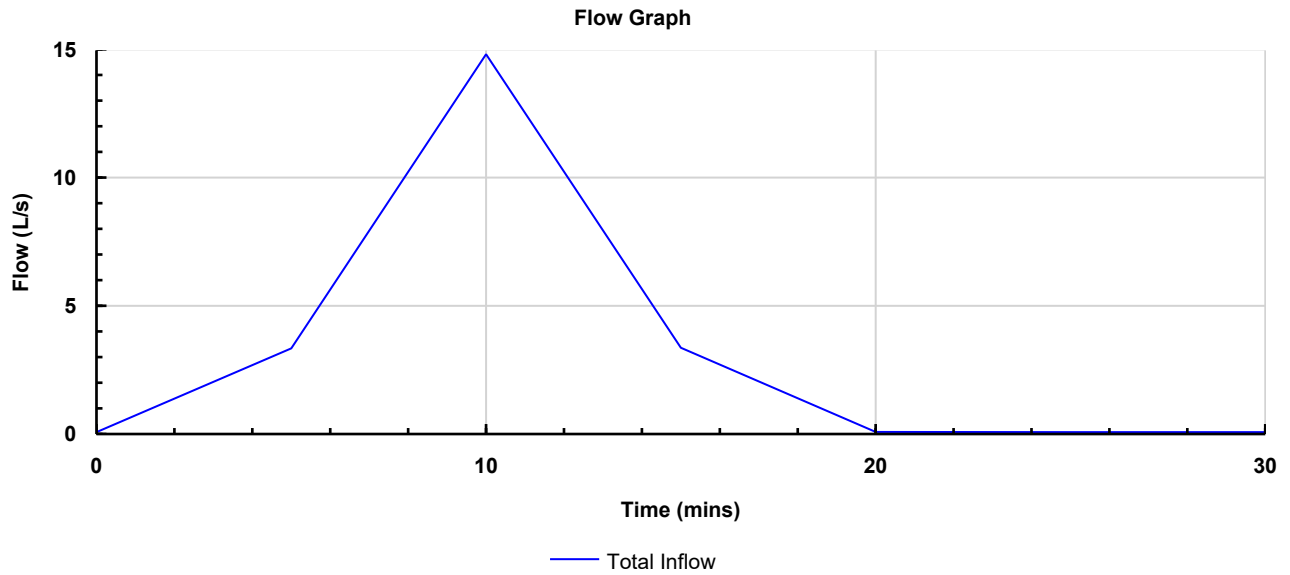
building east (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.8
Total Inflow Volume (m³)	6.416

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



building east 2
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

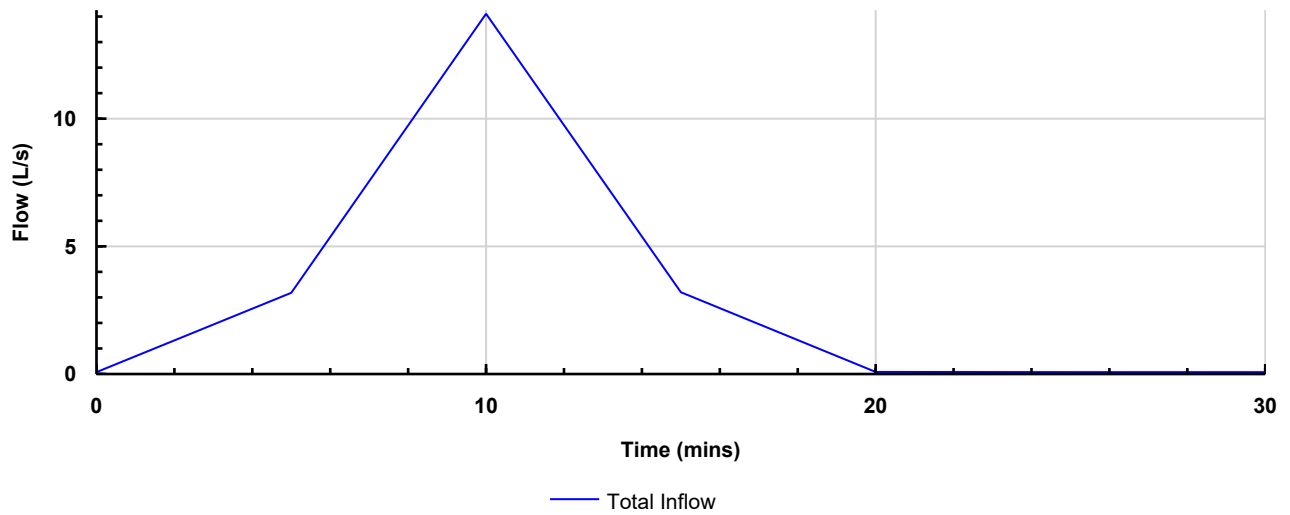
Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.1
Total Inflow Volume (m³)	6.110

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



building east 3
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

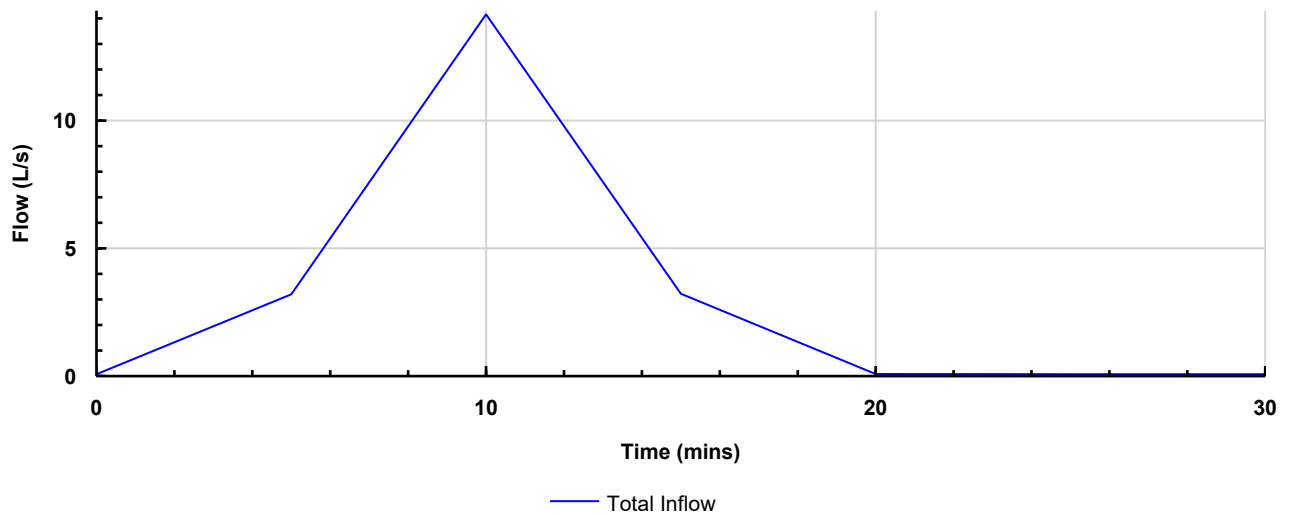
Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.2
Total Inflow Volume (m³)	6.137

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



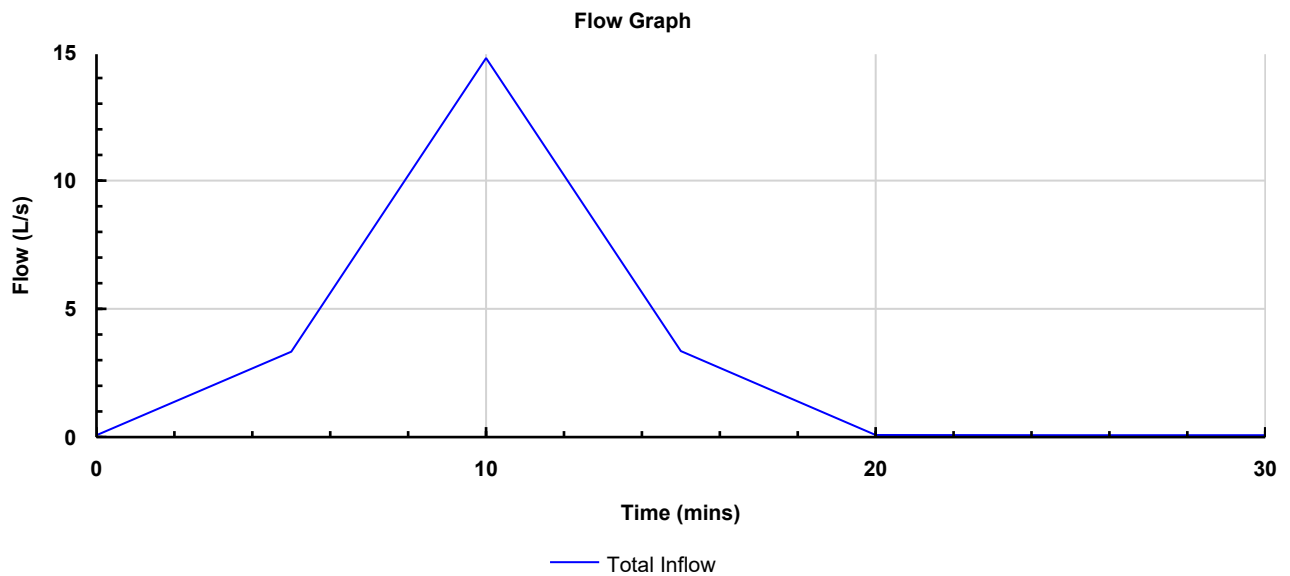
building east 4
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.8
Total Inflow Volume (m³)	6.401

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



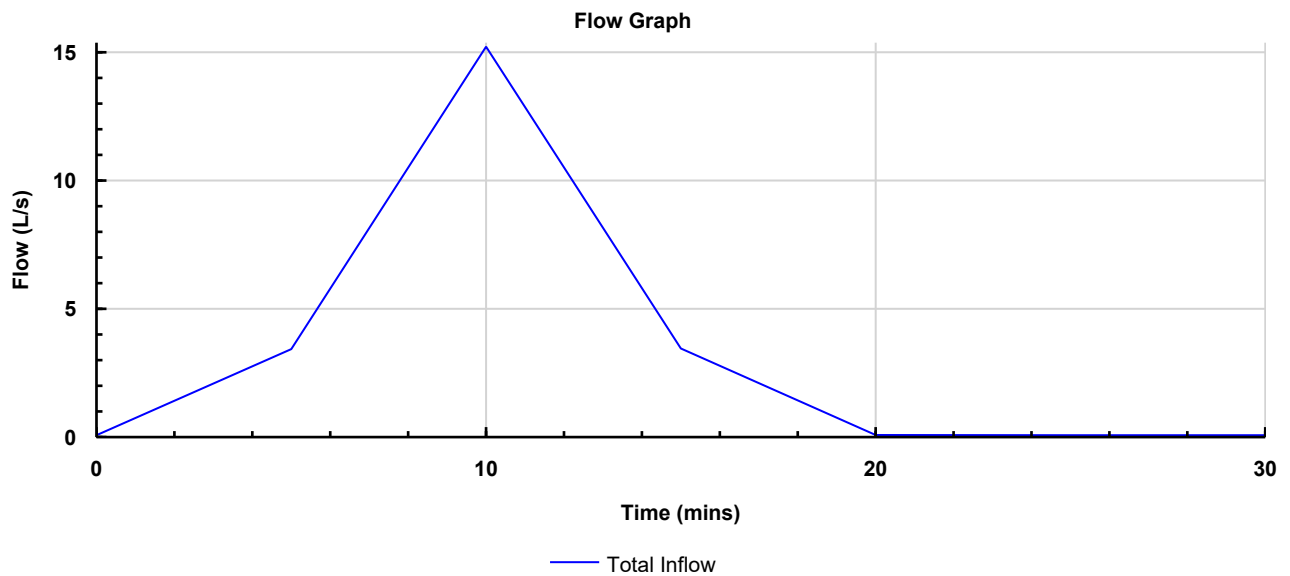
building east 5
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	15.2
Total Inflow Volume (m³)	6.593

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



building east6
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

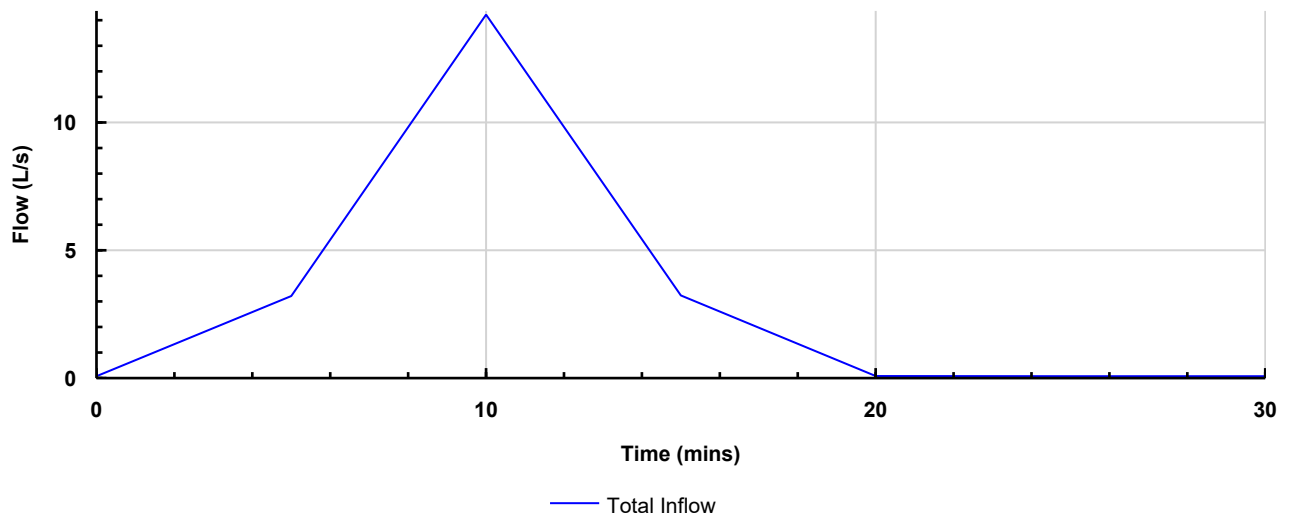
Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.2
Total Inflow Volume (m³)	6.161

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



building east 7
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

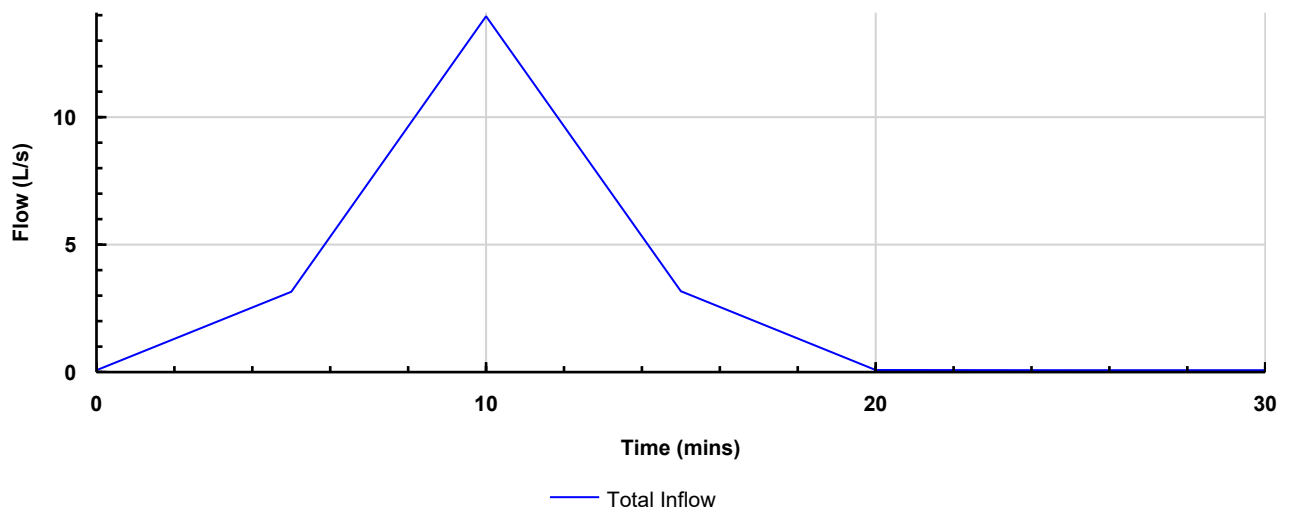
Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.0
Total Inflow Volume (m³)	6.047

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



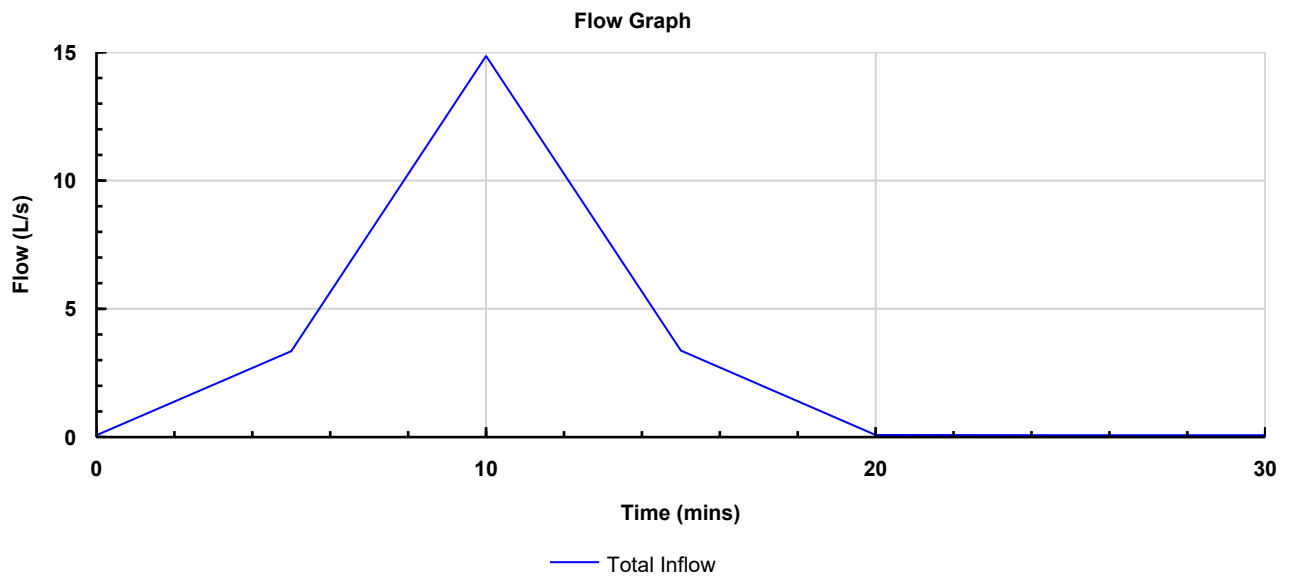
building east 8
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	14.9
Total Inflow Volume (m³)	6.437

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

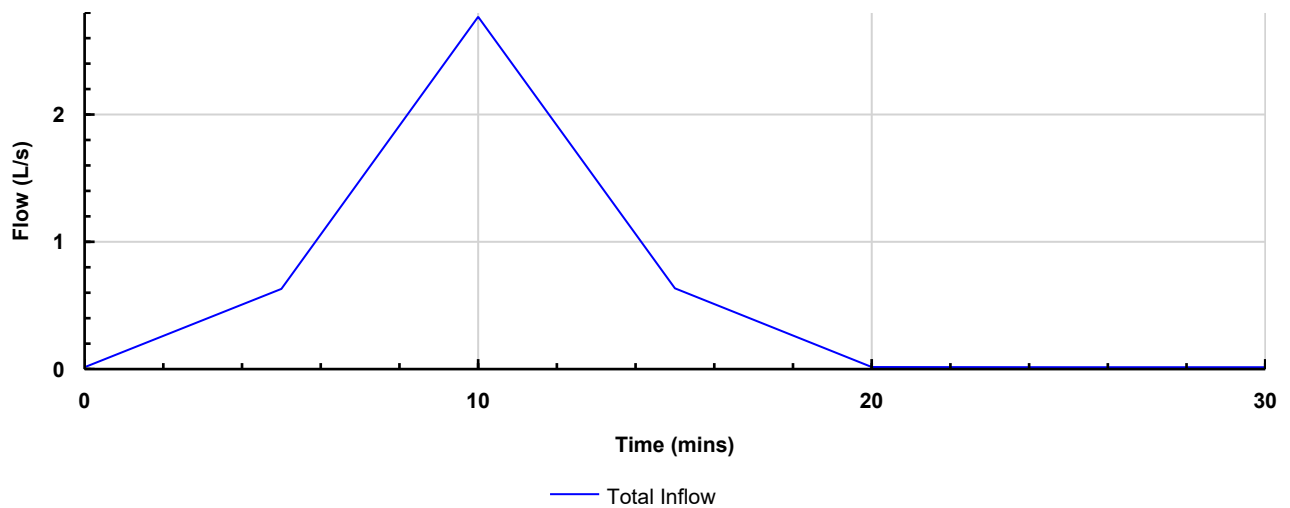
Type : Catchment Area

Inflow

Max. Inflow (L/s)	2.8
Total Inflow Volume (m³)	1.202

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

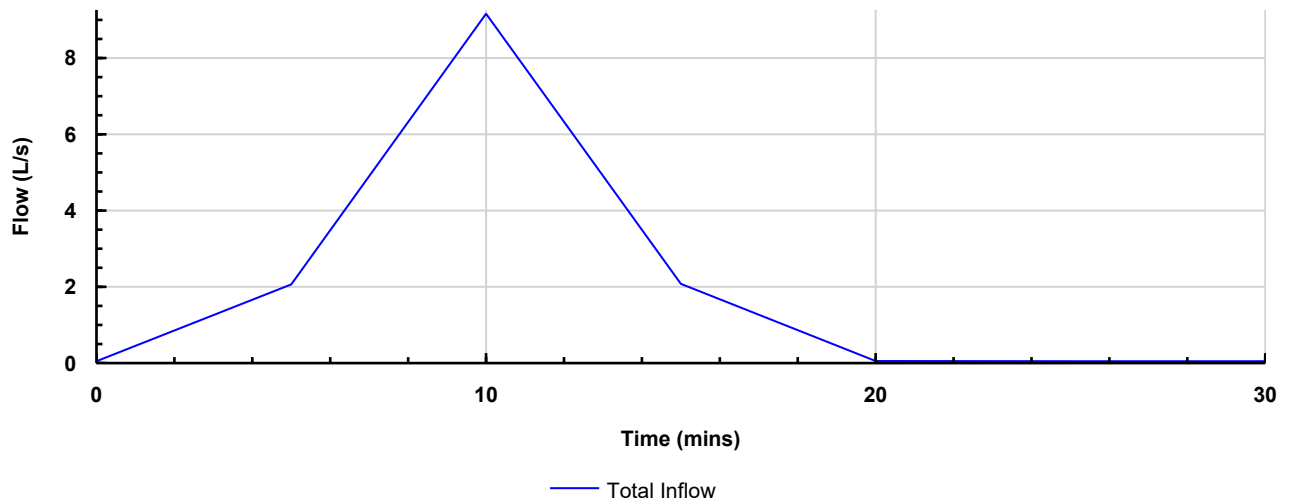
Type : Catchment Area

Inflow

Max. Inflow (L/s)	9.2
Total Inflow Volume (m³)	3.966

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area (2)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

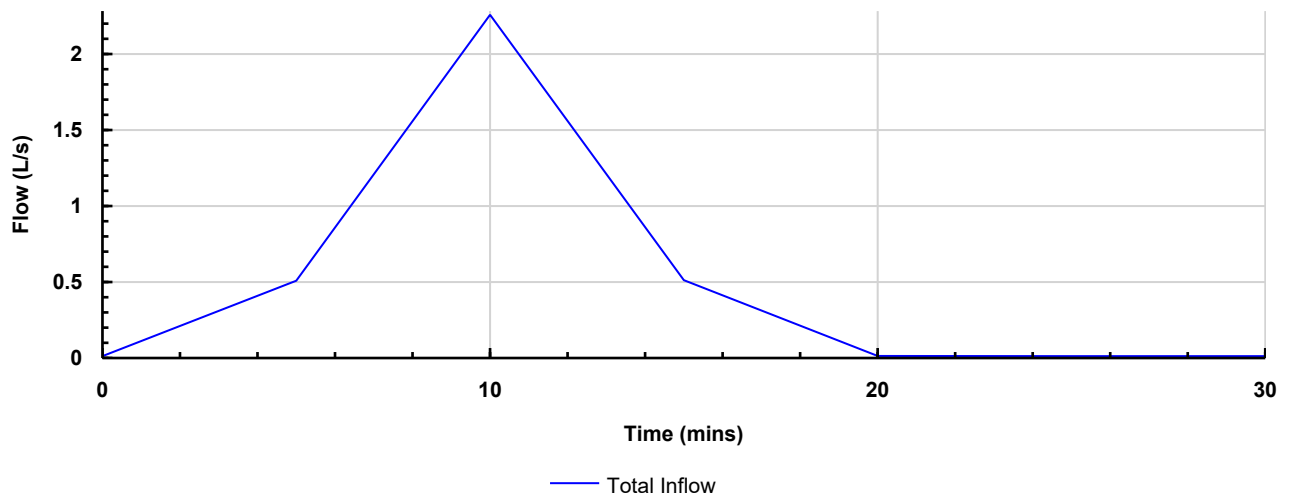
Type : Catchment Area

Inflow

Max. Inflow (L/s)	2.3
Total Inflow Volume (m³)	0.977

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



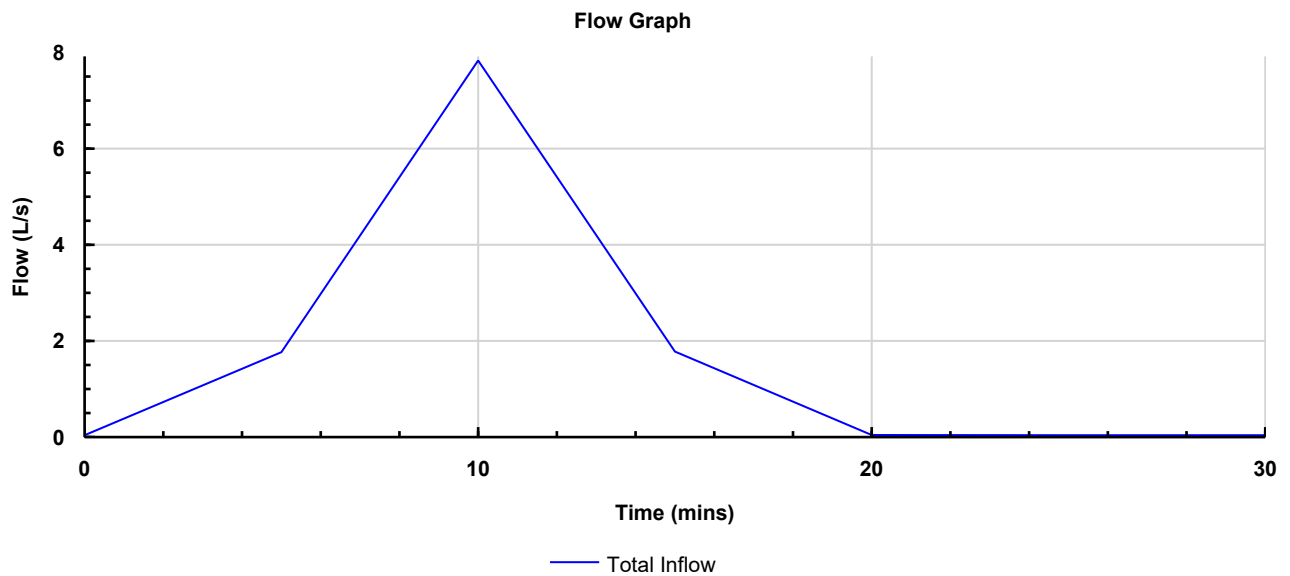
Catchment Area (3)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	7.8
Total Inflow Volume (m³)	3.394

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



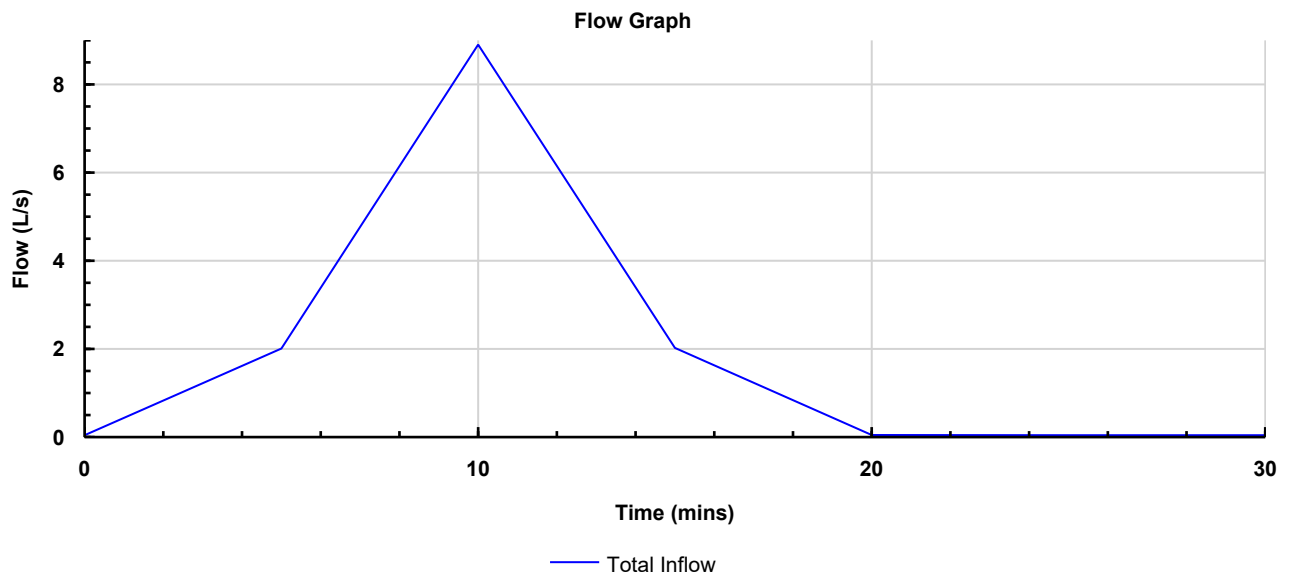
Catchment Area (4)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	8.9
Total Inflow Volume (m³)	3.858

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



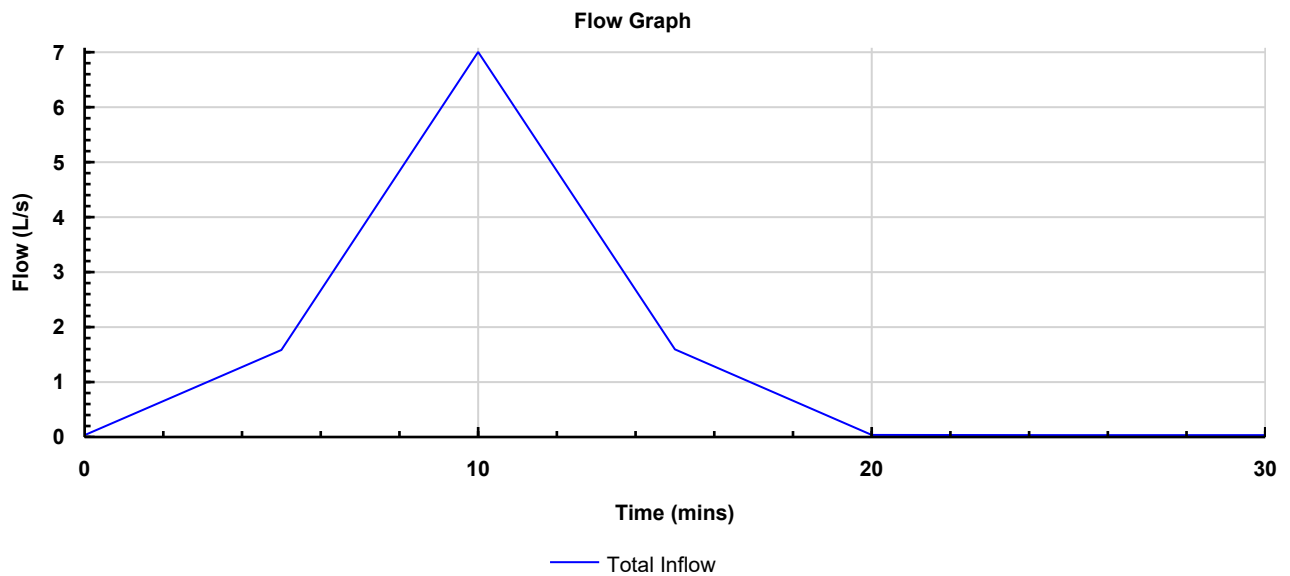
Catchment Area (5)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	7.0
Total Inflow Volume (m³)	3.037

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



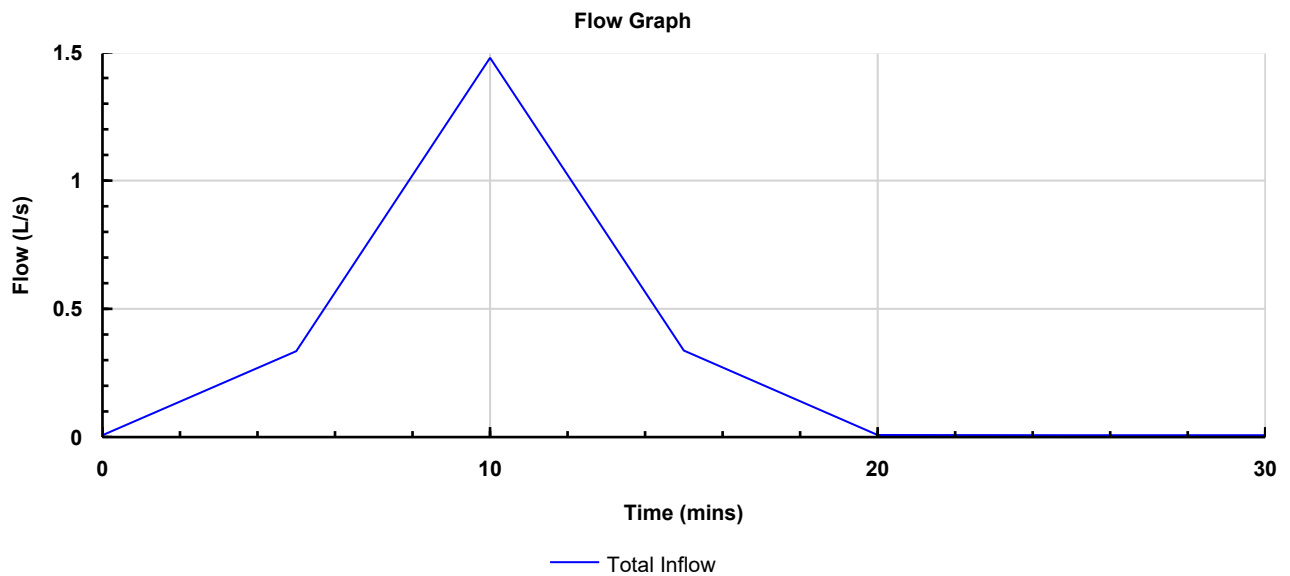
Catchment Area (6)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	1.5
Total Inflow Volume (m³)	0.642

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



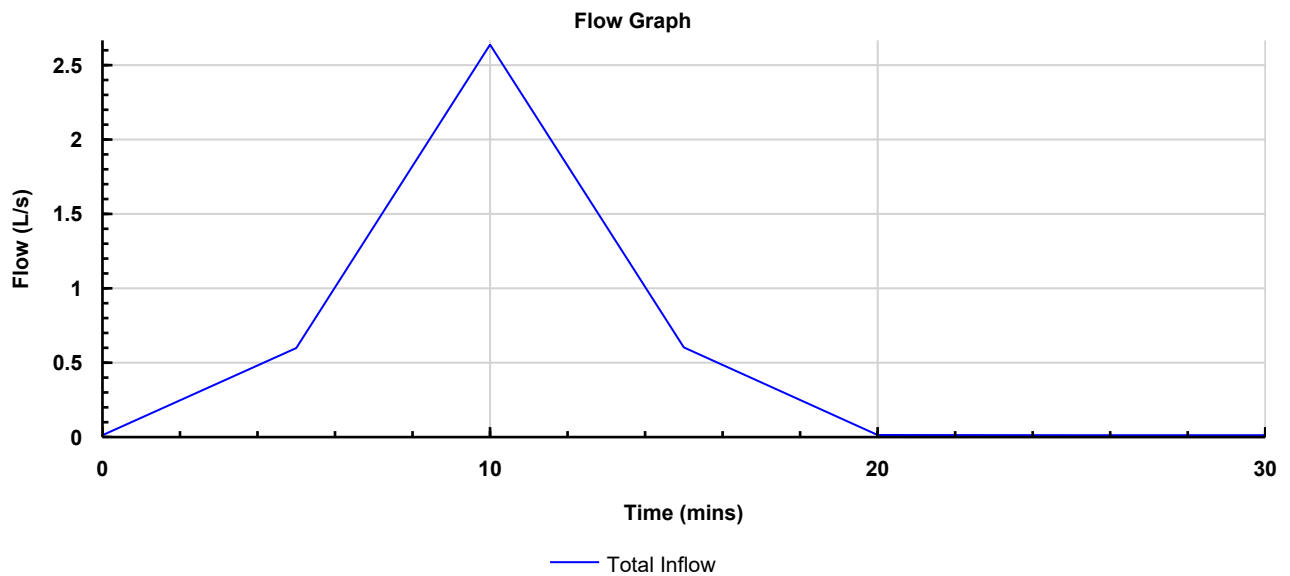
Catchment Area (7)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	2.6
Total Inflow Volume (m³)	1.145

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area (8)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

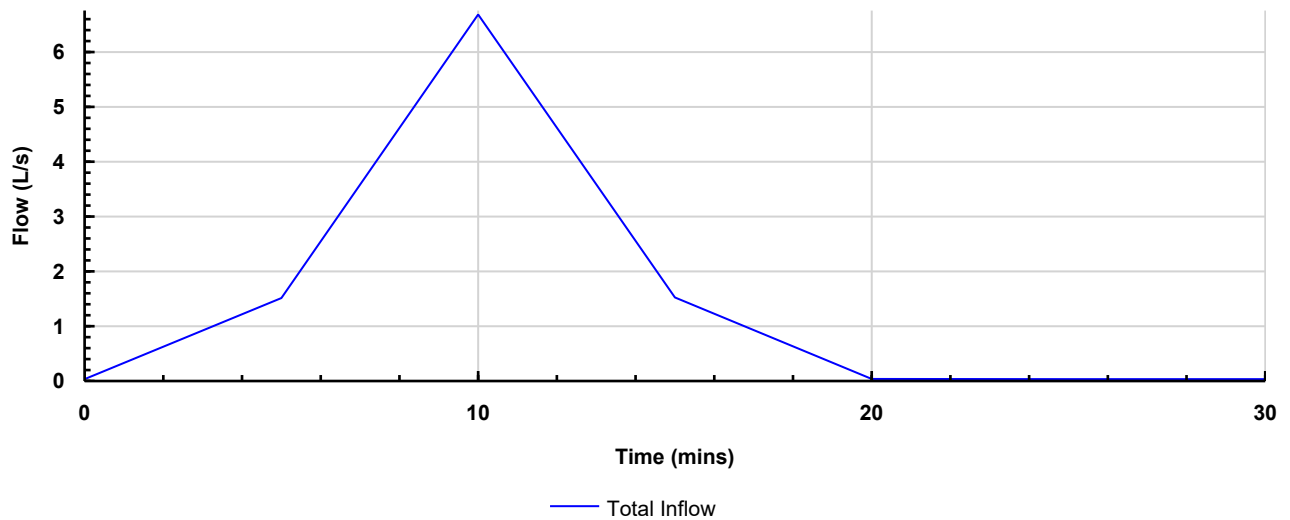
Type : Catchment Area

Inflow

Max. Inflow (L/s)	6.7
Total Inflow Volume (m³)	2.899

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



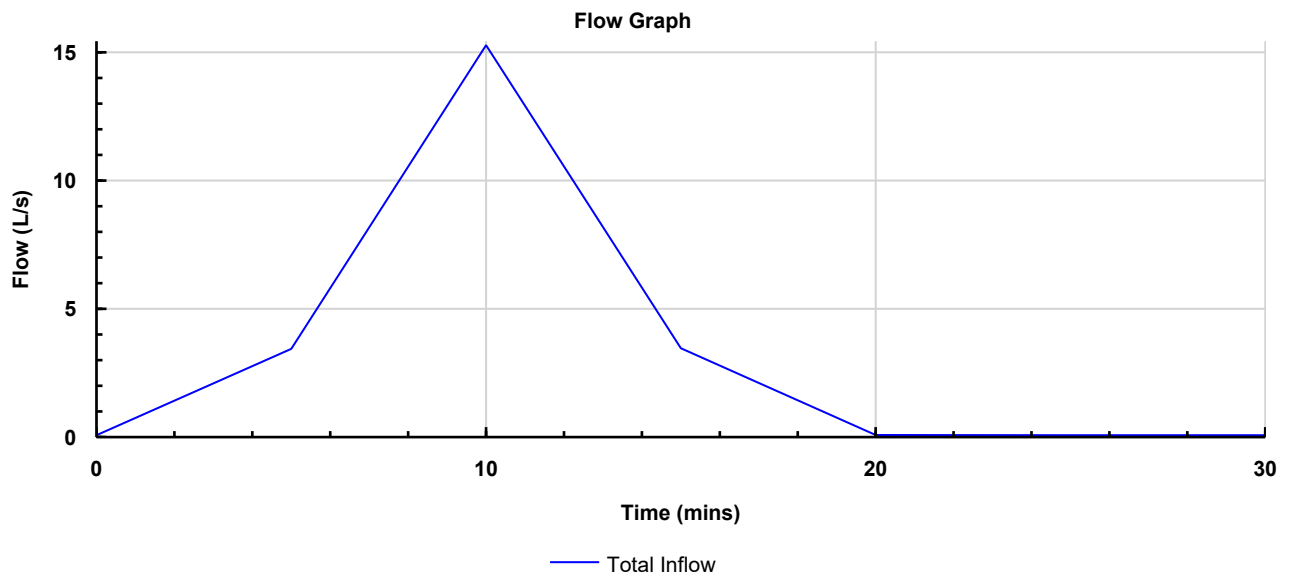
Catchment Area (9)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	15.3
Total Inflow Volume (m³)	6.617

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



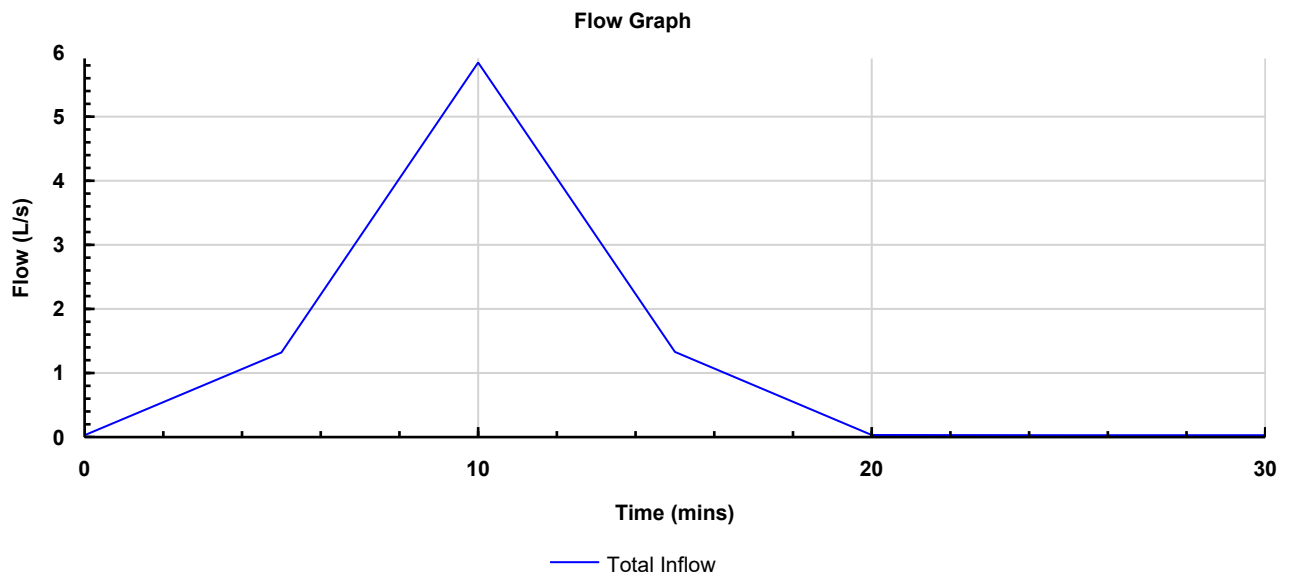
Catchment Area (10)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	5.8
Total Inflow Volume (m³)	2.533

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



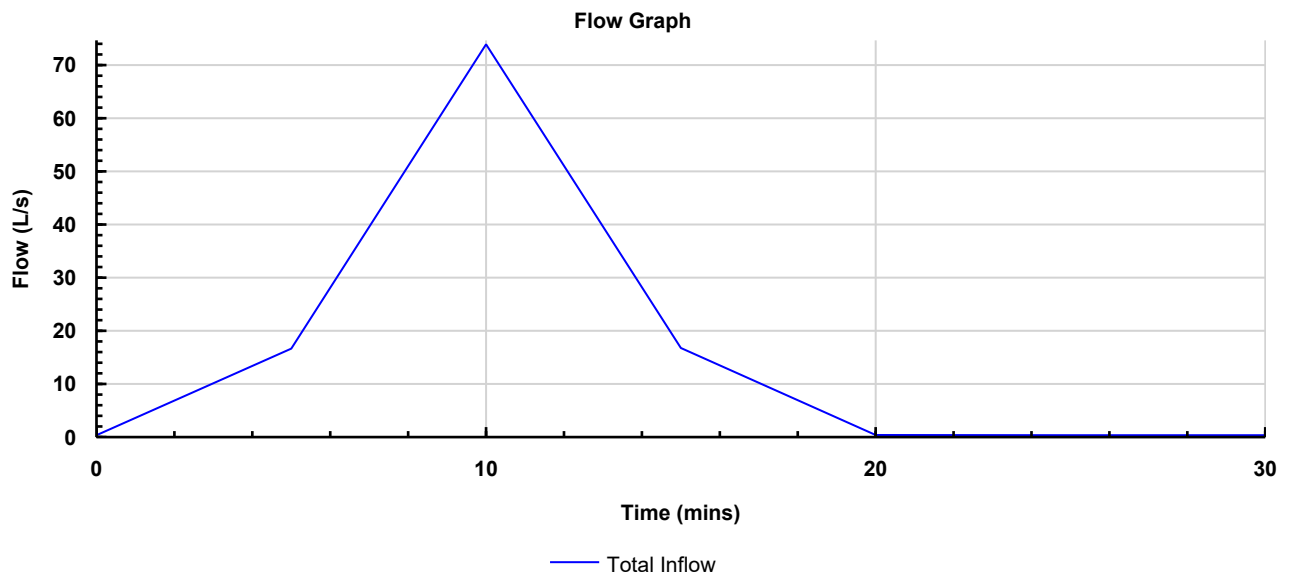
Catchment Area (11)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	73.9
Total Inflow Volume (m³)	32.016

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Hard standing east (1) (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

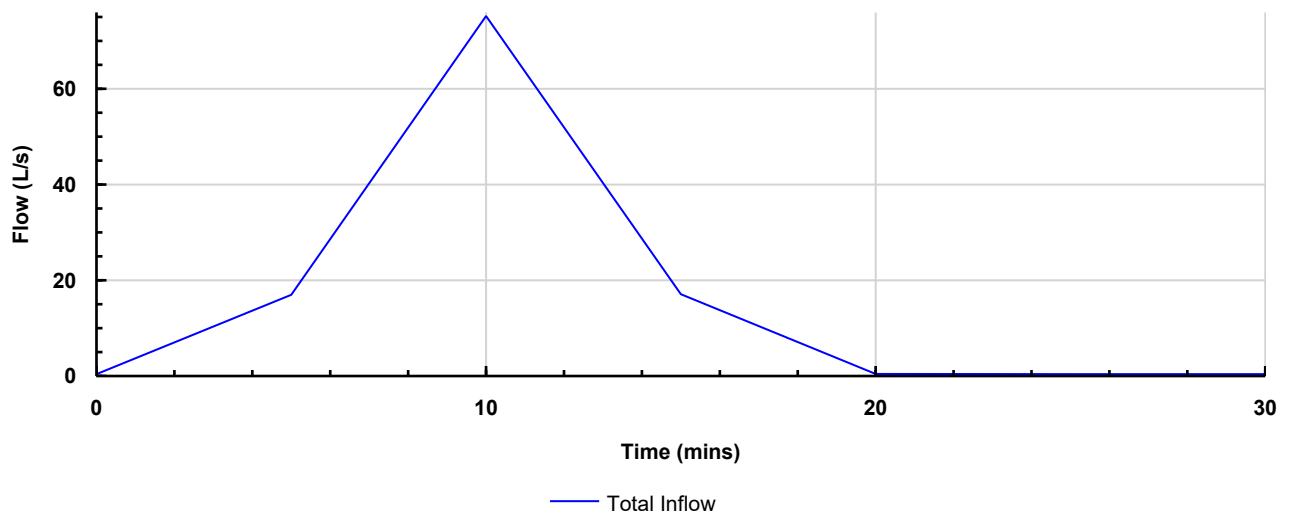
Type : Catchment Area

Inflow

Max. Inflow (L/s)	75.2
Total Inflow Volume (m³)	32.576

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area (8) (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

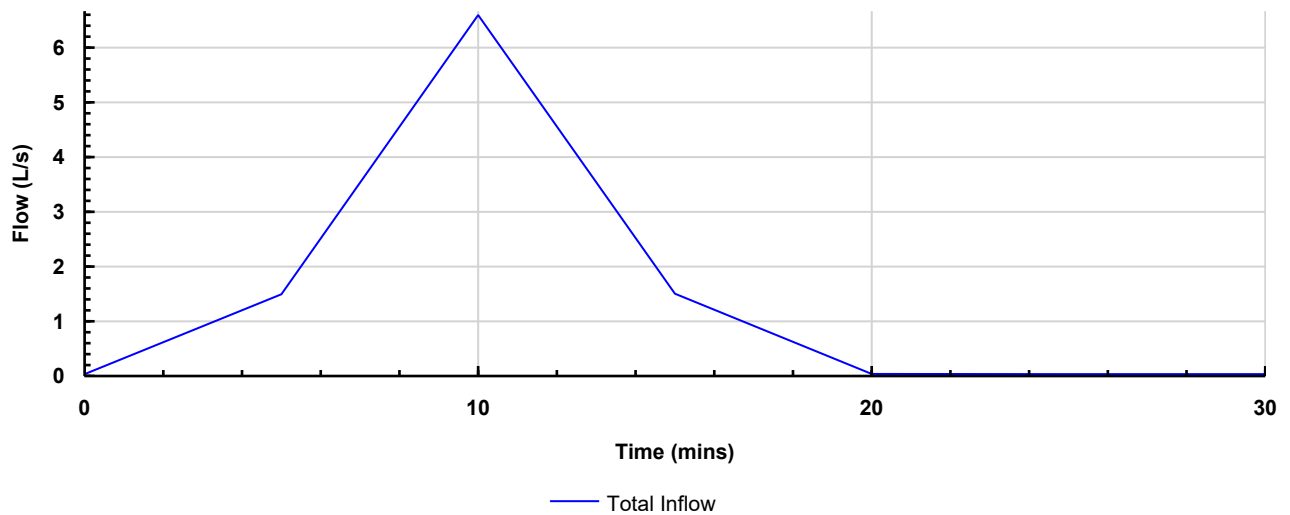
Type : Catchment Area

Inflow

Max. Inflow (L/s)	6.6
Total Inflow Volume (m³)	2.860

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Inflow Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



Catchment Area (8) (1) (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

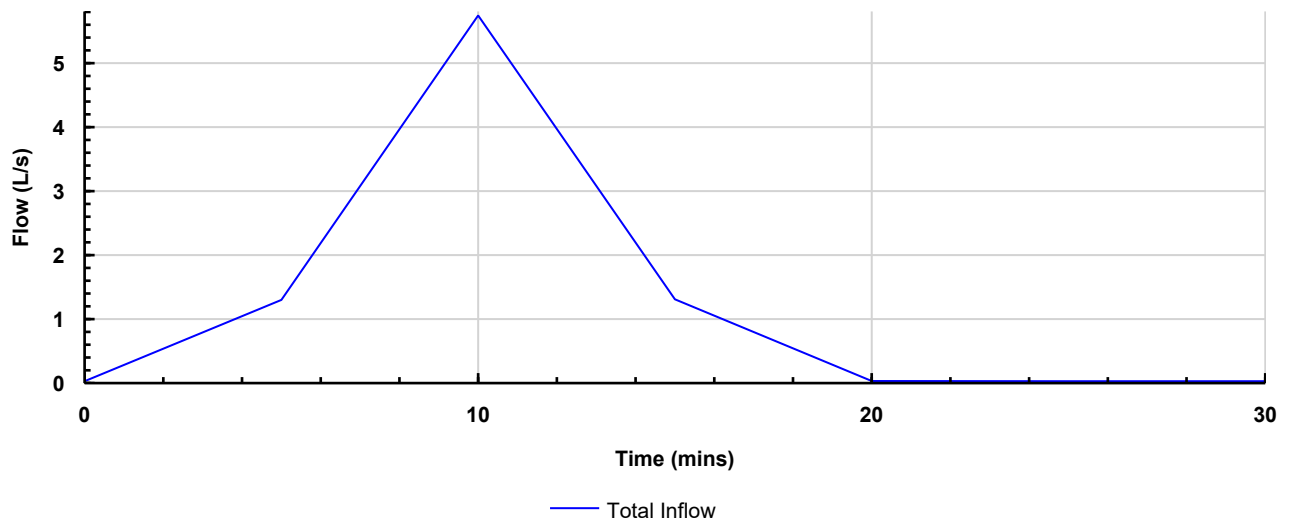
Type : Catchment Area

Inflow

Max. Inflow (L/s)	5.7
Total Inflow Volume (m³)	2.491

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



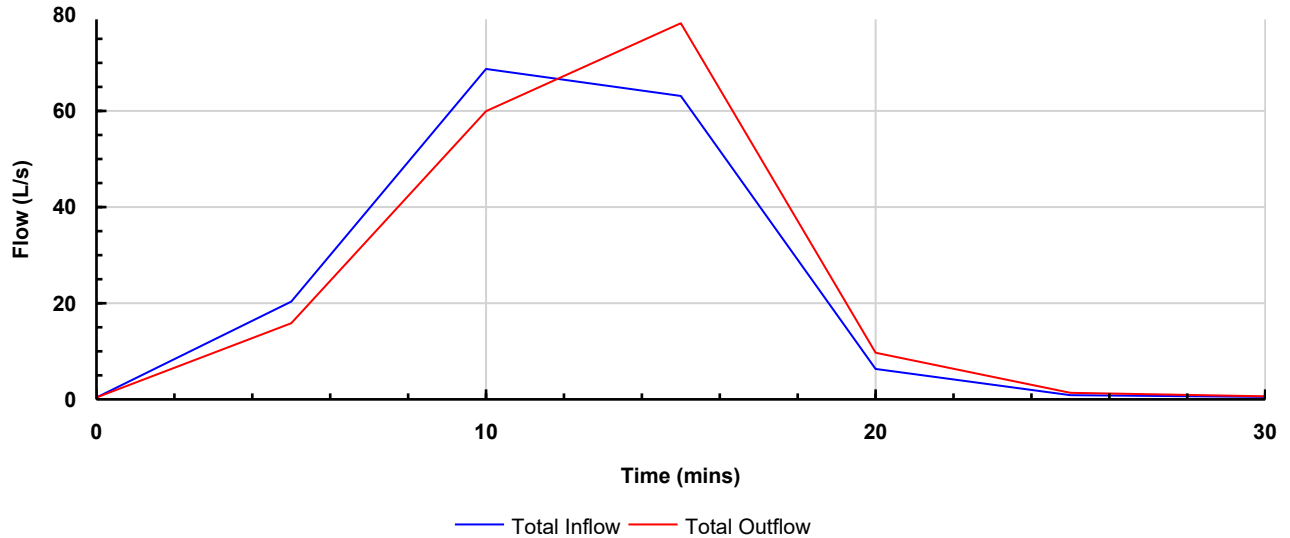
S.2-04

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

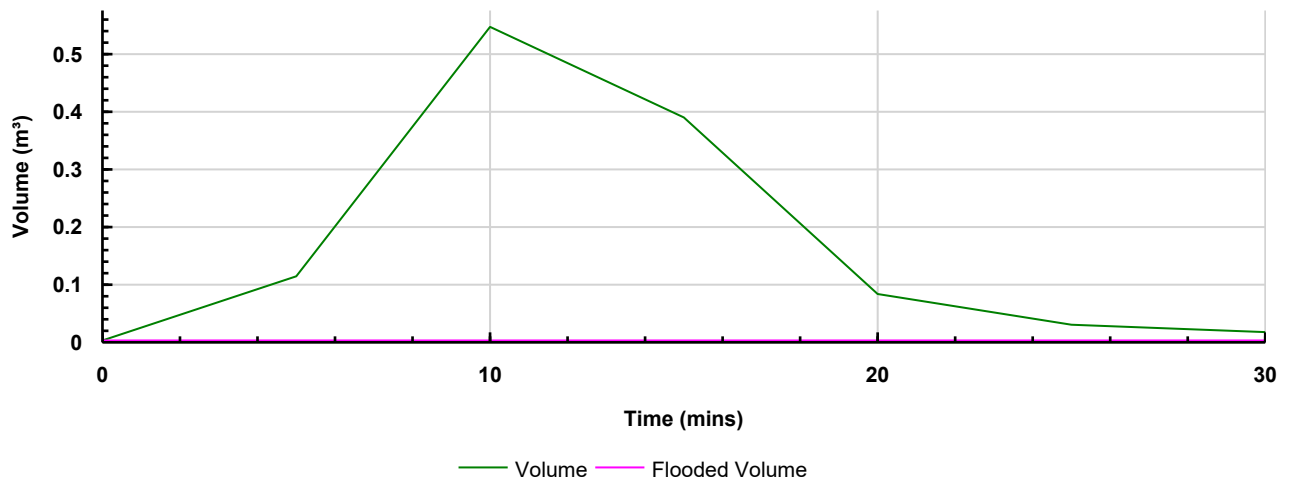
Type : Manhole

Graphs

Flow Graph



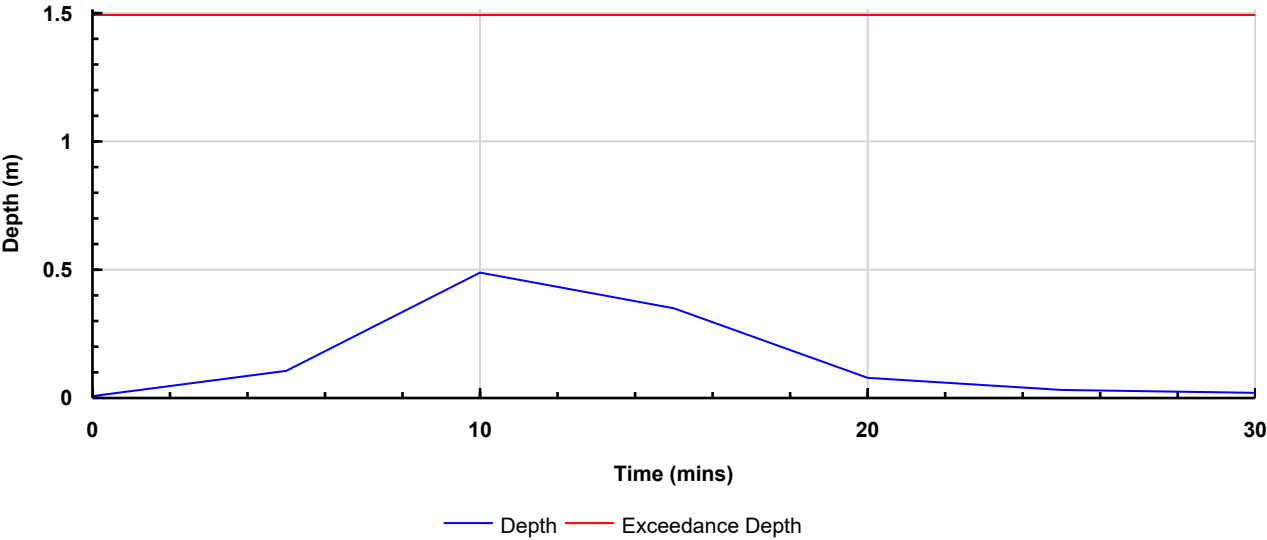
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

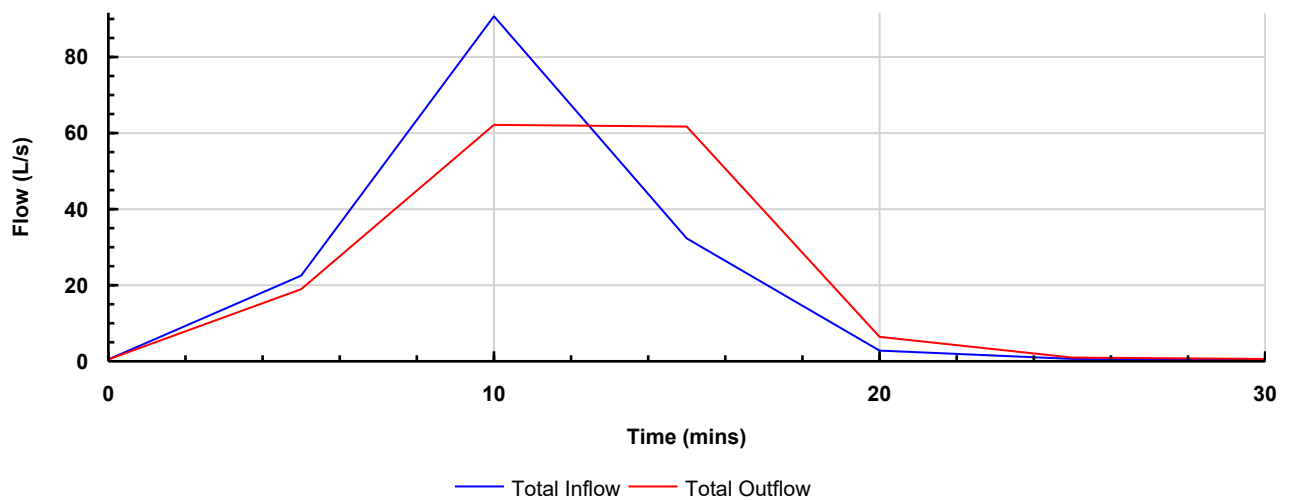


S.2-03
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

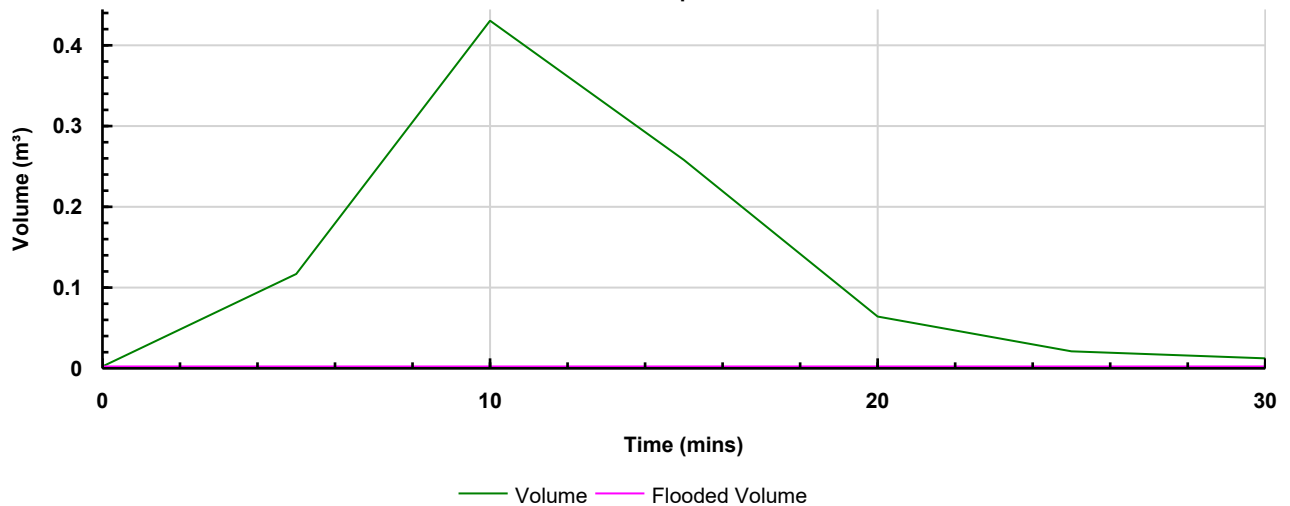
Type : Manhole

Graphs

Flow Graph



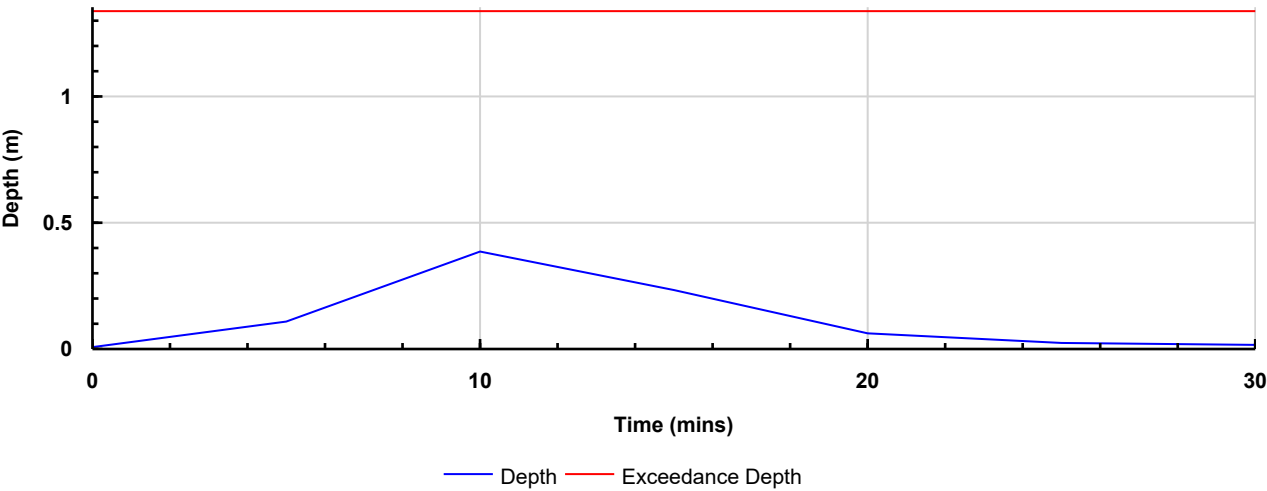
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		 Stantec	
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

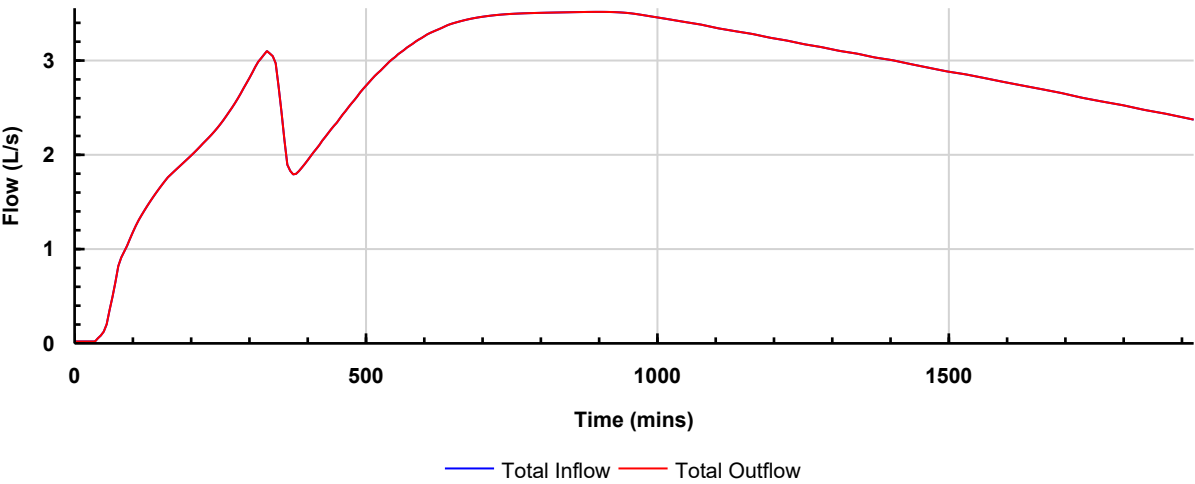


UNIT 2 outfall
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

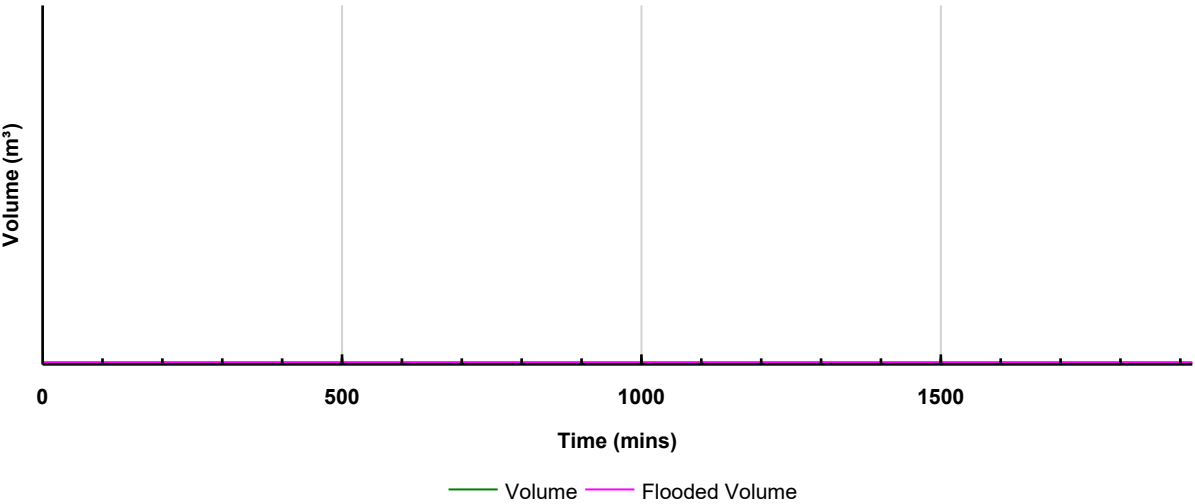
Type : Manhole

Graphs

Flow Graph

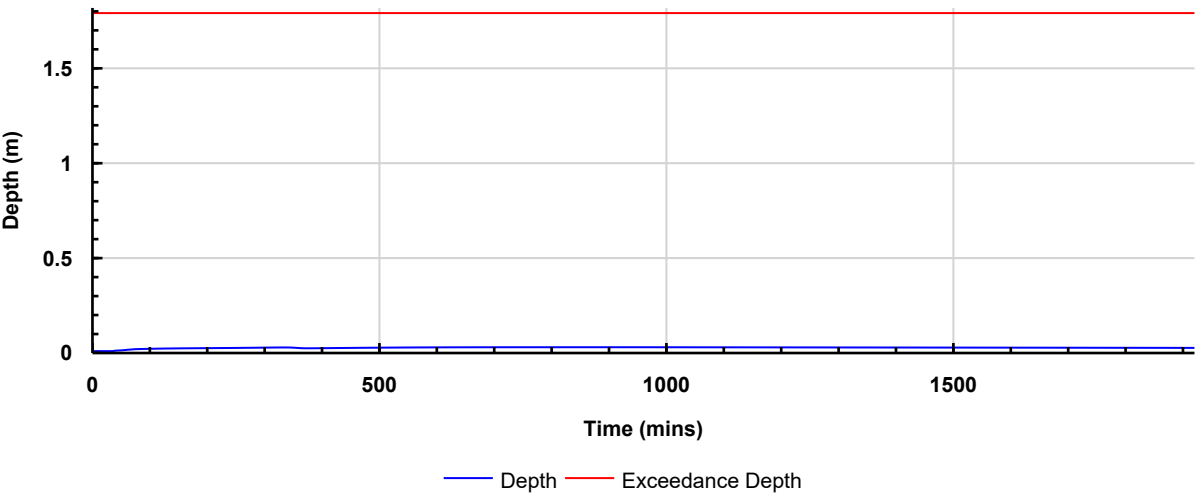


Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026			
	Designed by:	Checked by:	Approved By:	
	YB	TG	TG	
Report Details:	Company Address:			
Type: Junction Results Storm Phase: Unit 2- east	Stantec Caversham Bridge House RG1 8DN			

Depth Graph



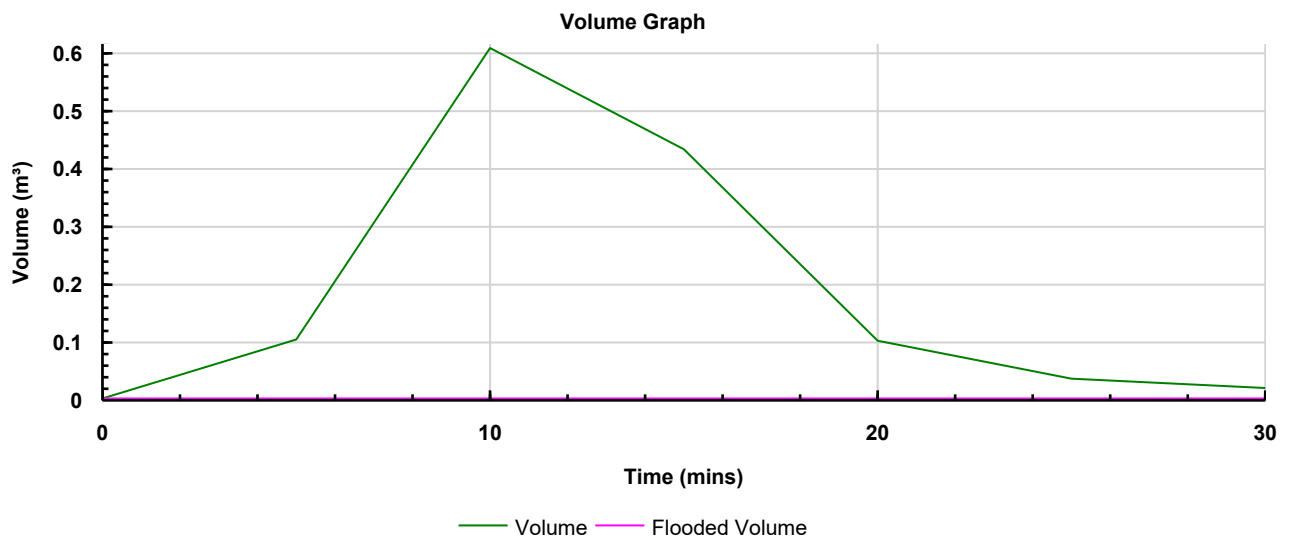
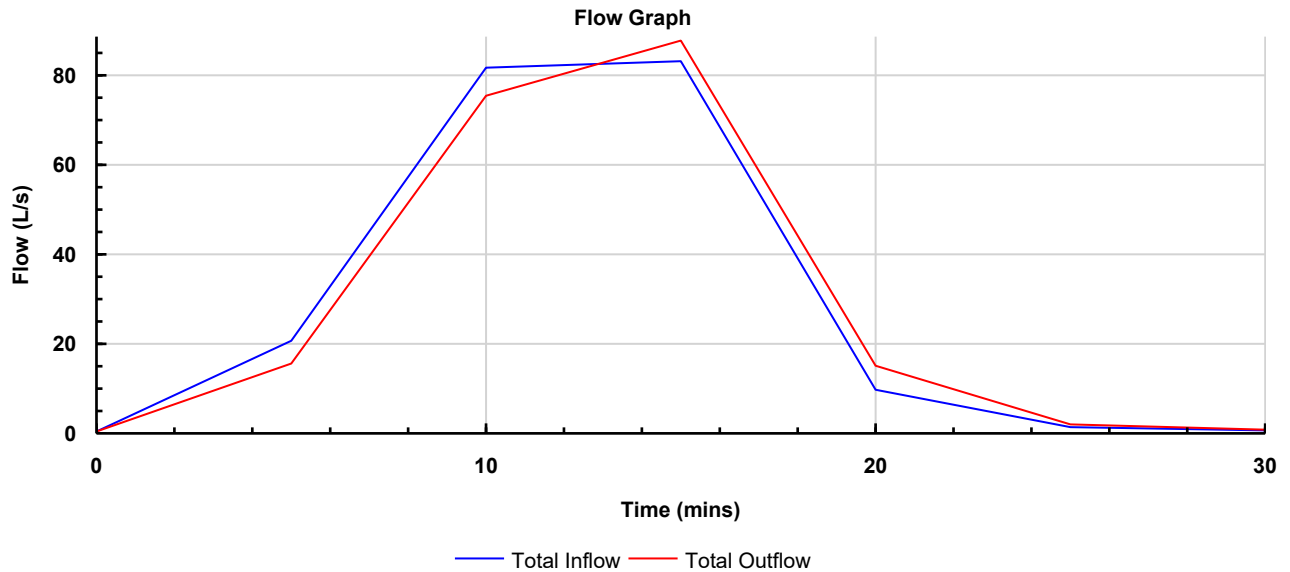
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.2-05
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

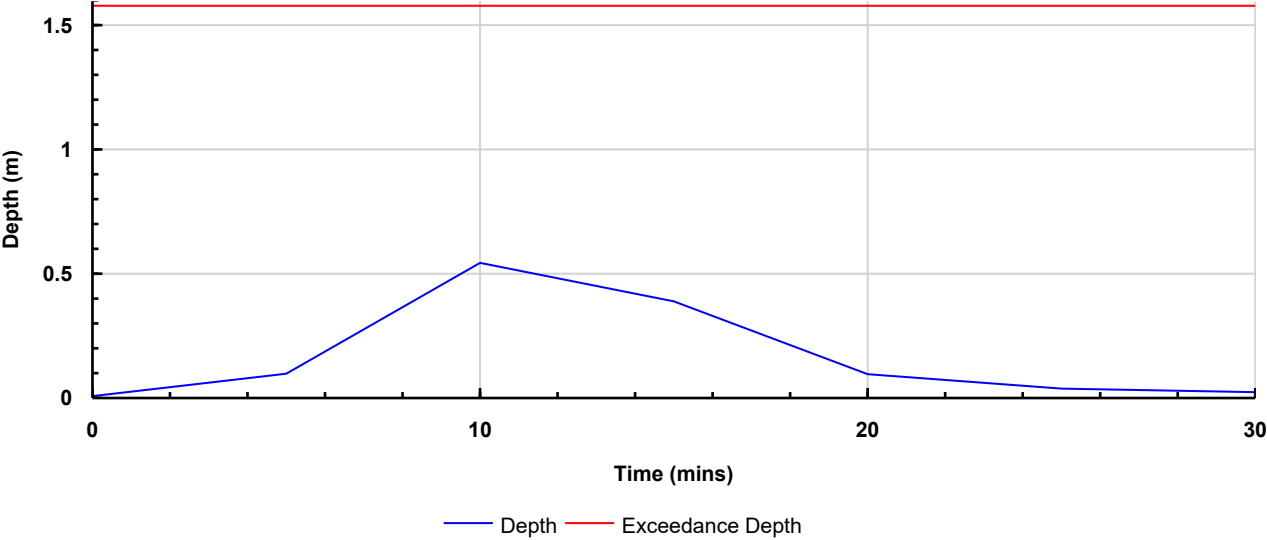
Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG	Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN		

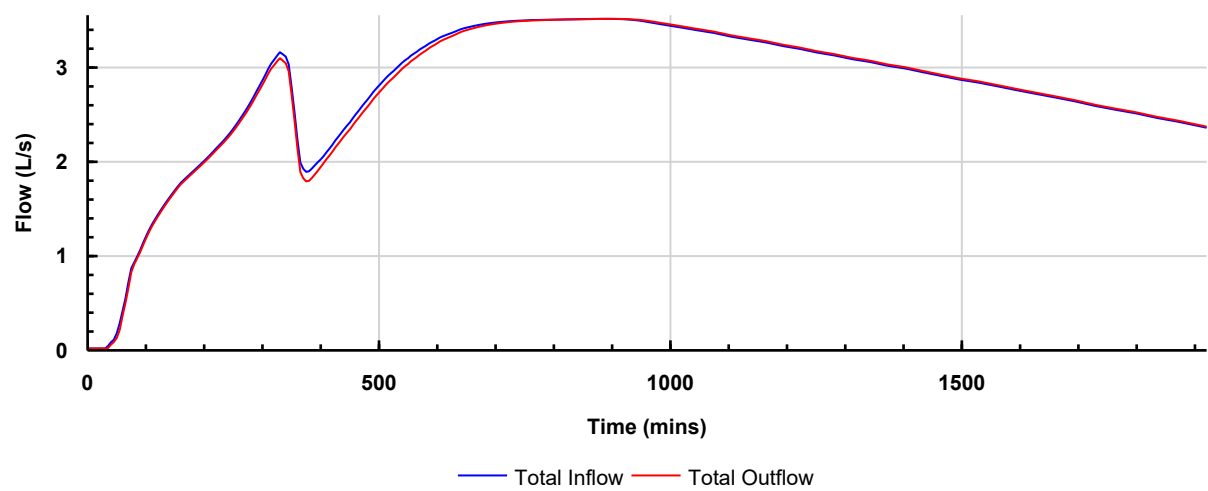


S.2-13
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

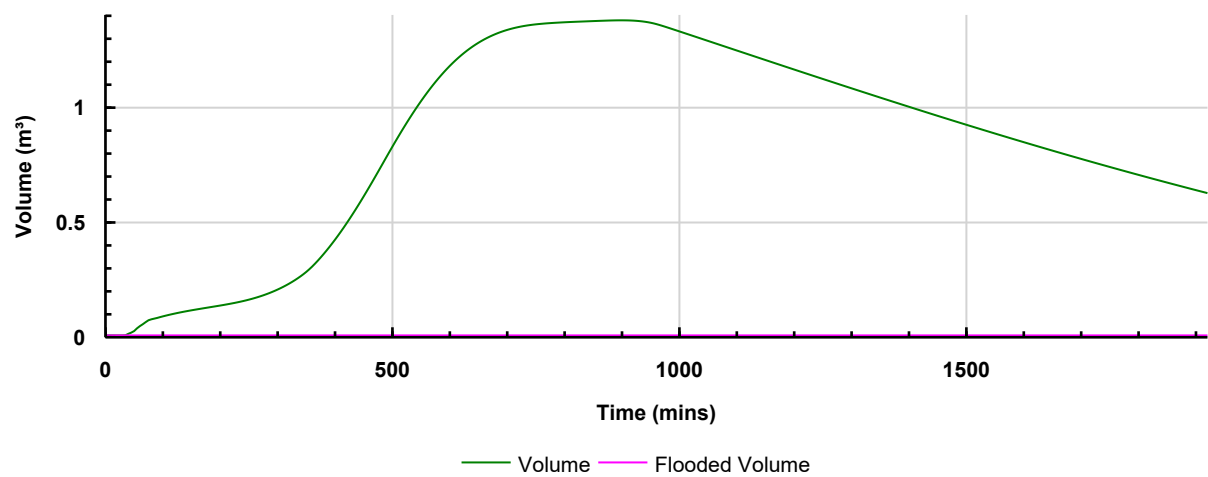
Type : Manhole

Graphs

Flow Graph



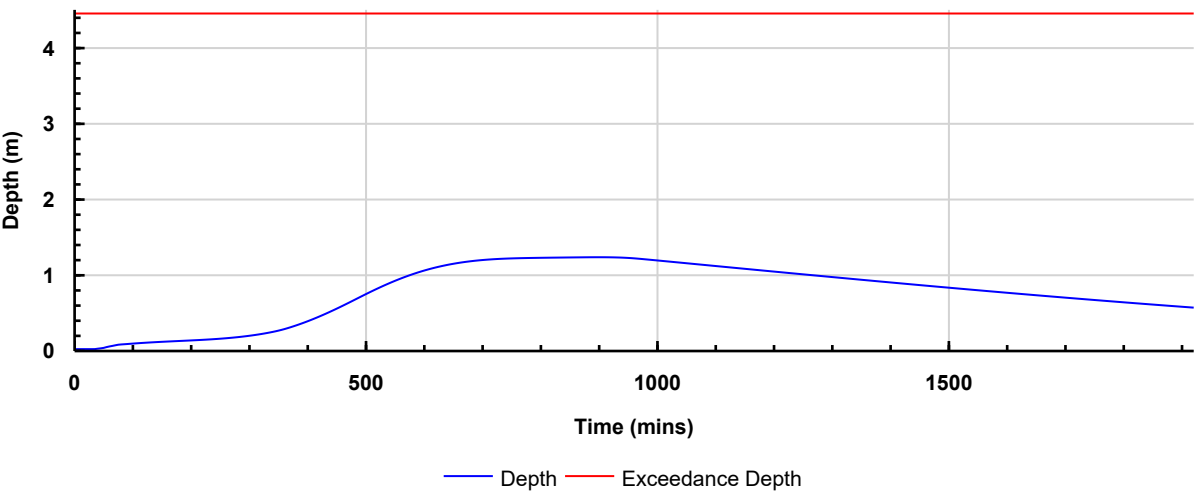
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

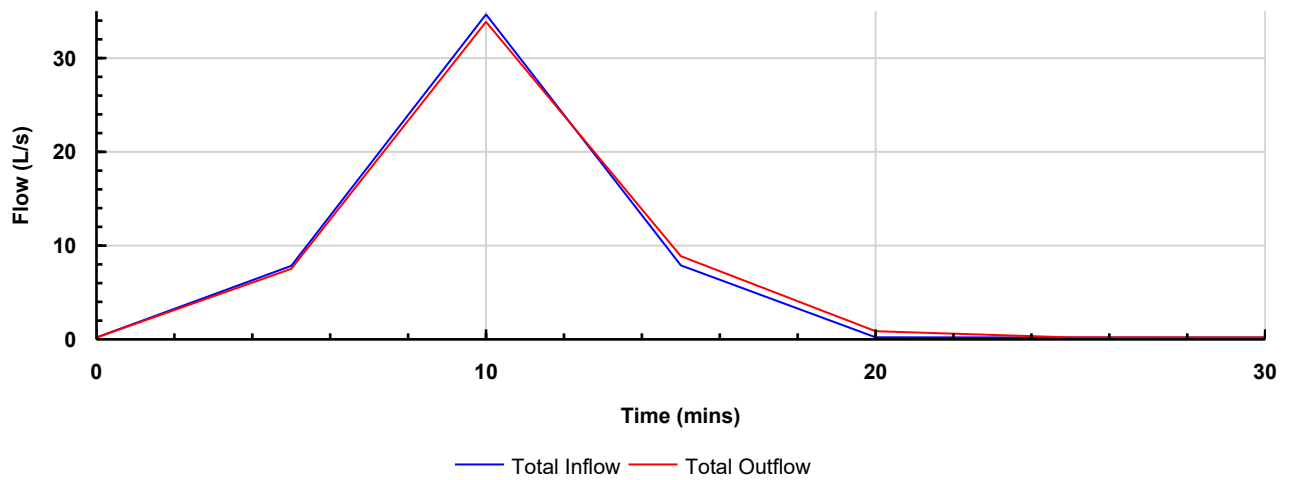


S.2-01
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

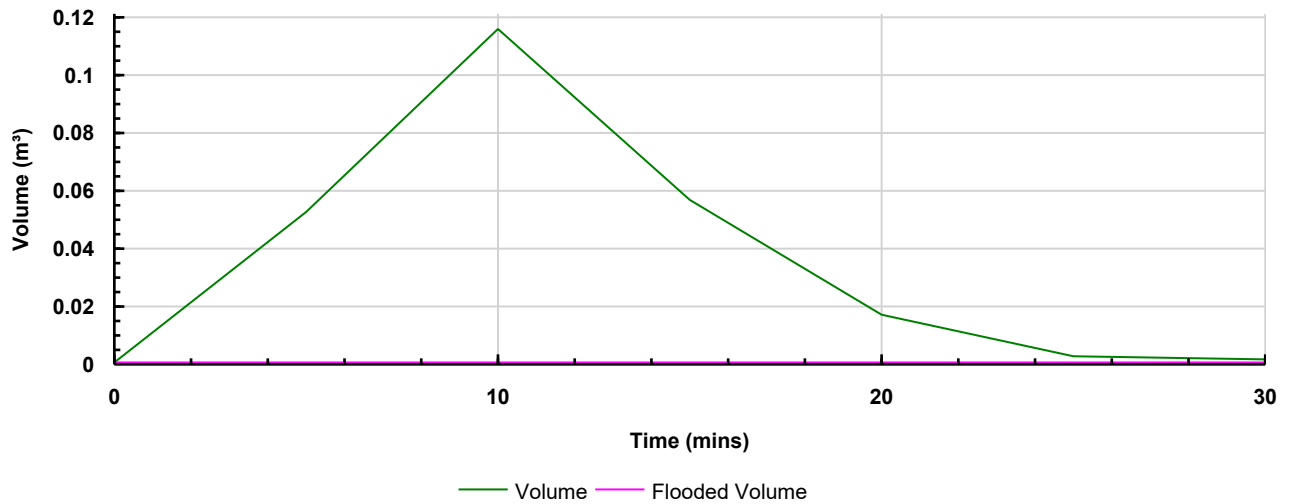
Type : Manhole

Graphs

Flow Graph



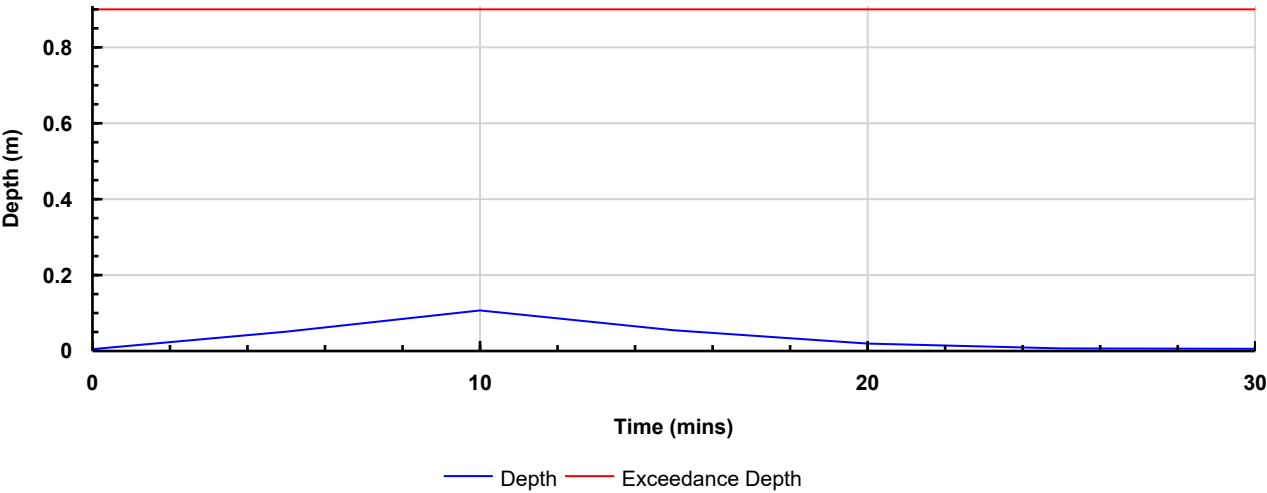
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

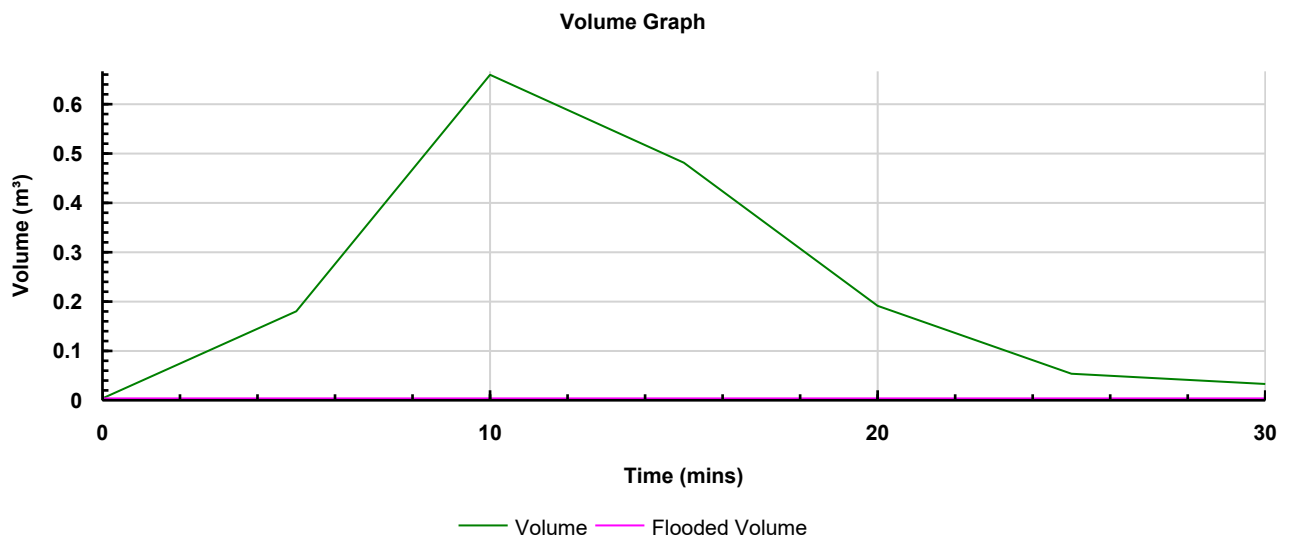
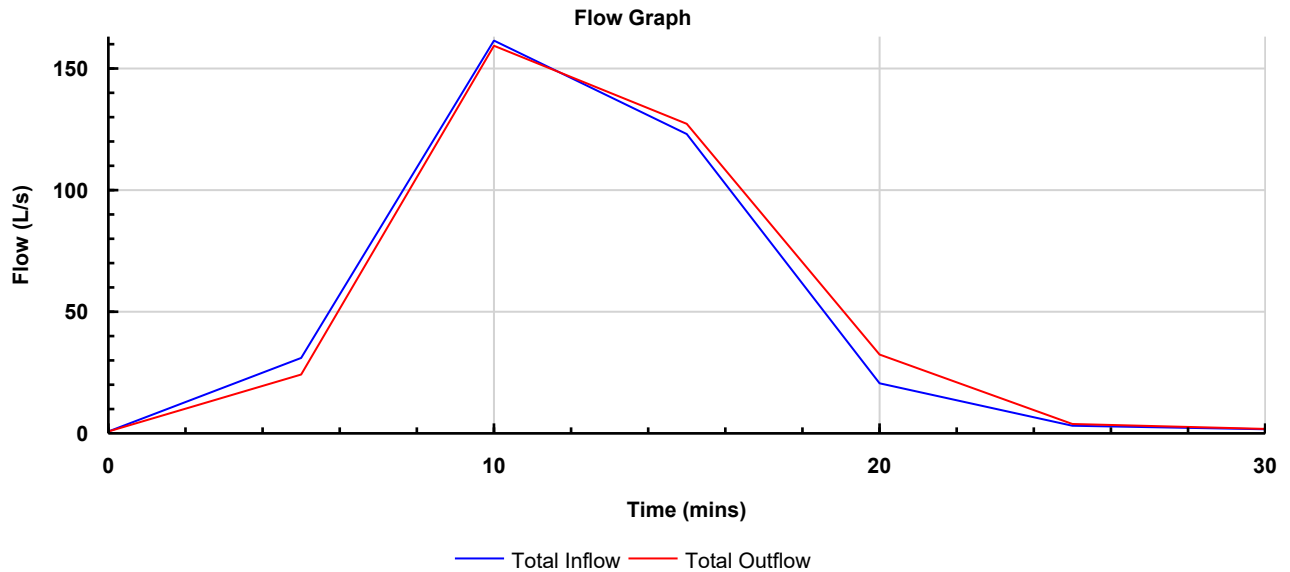


S.2-09

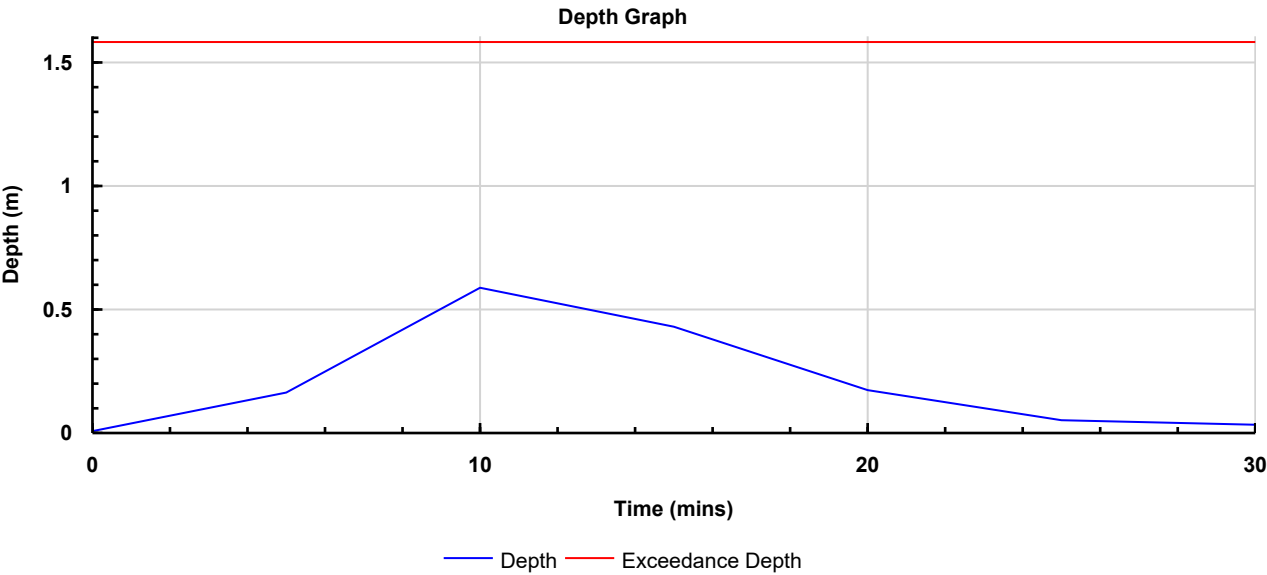
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

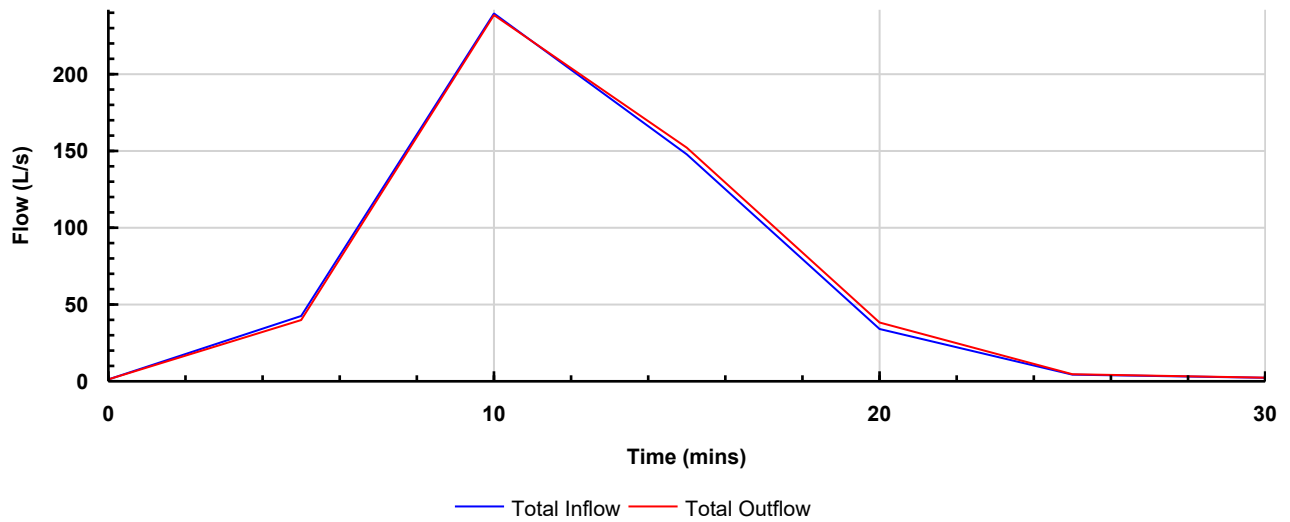


S.2-10
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

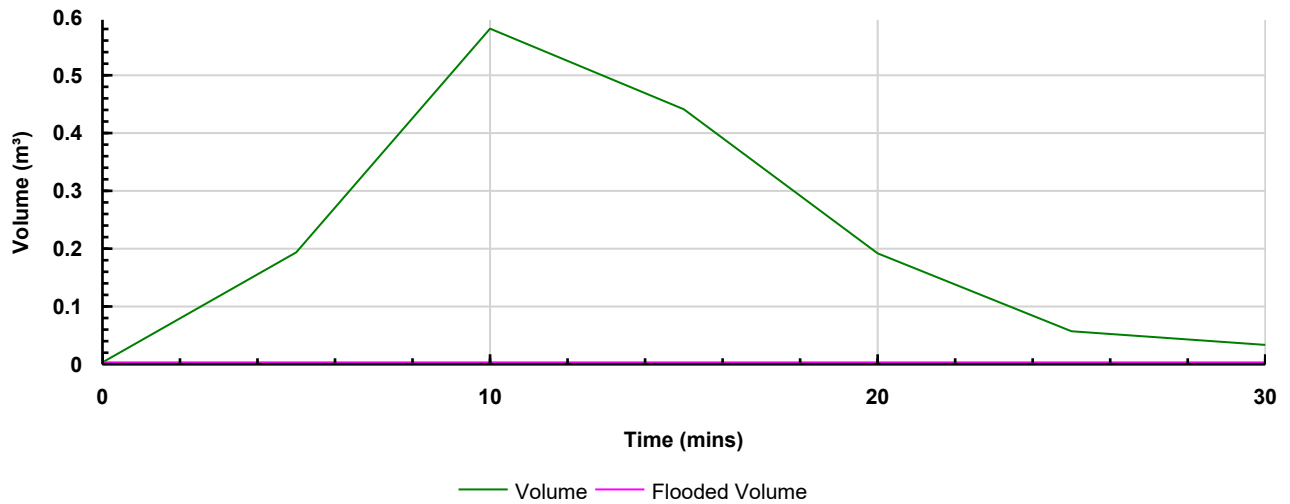
Type : Manhole

Graphs

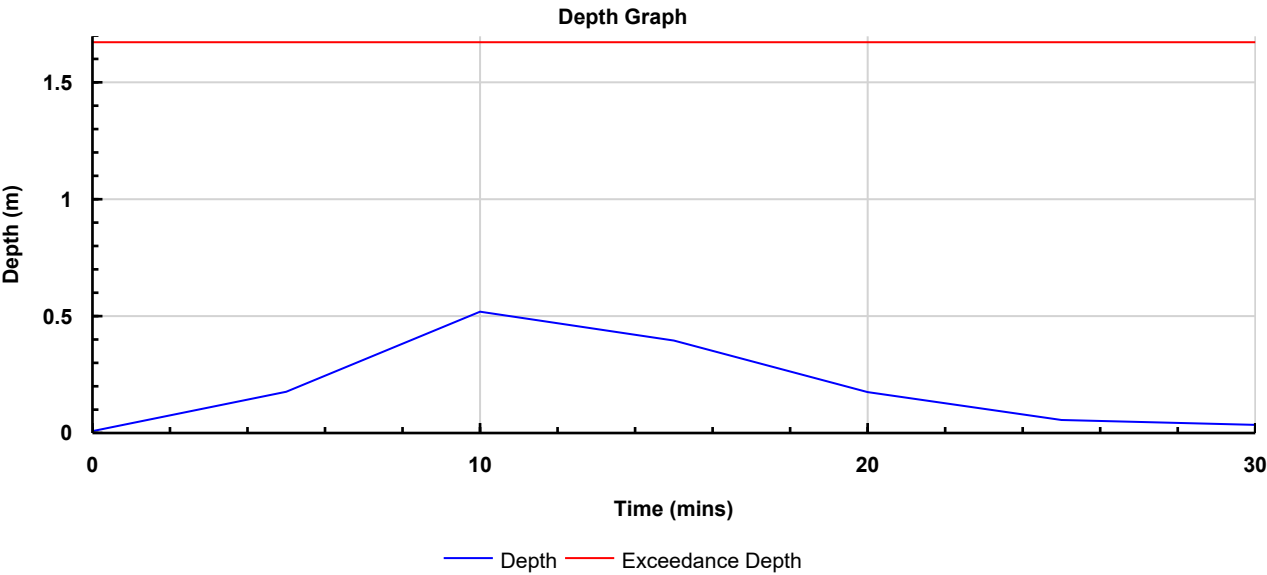
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



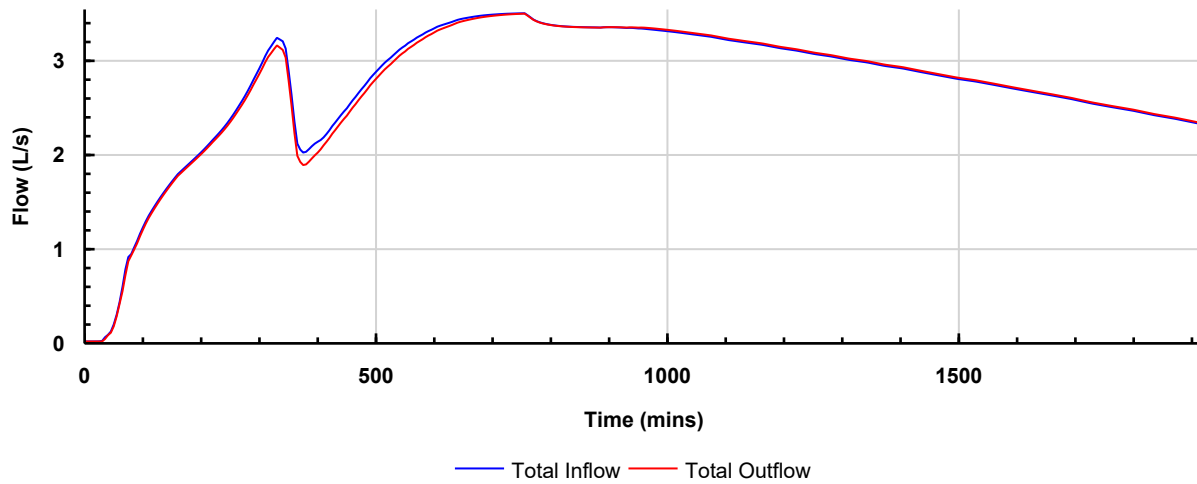
S.2-12

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

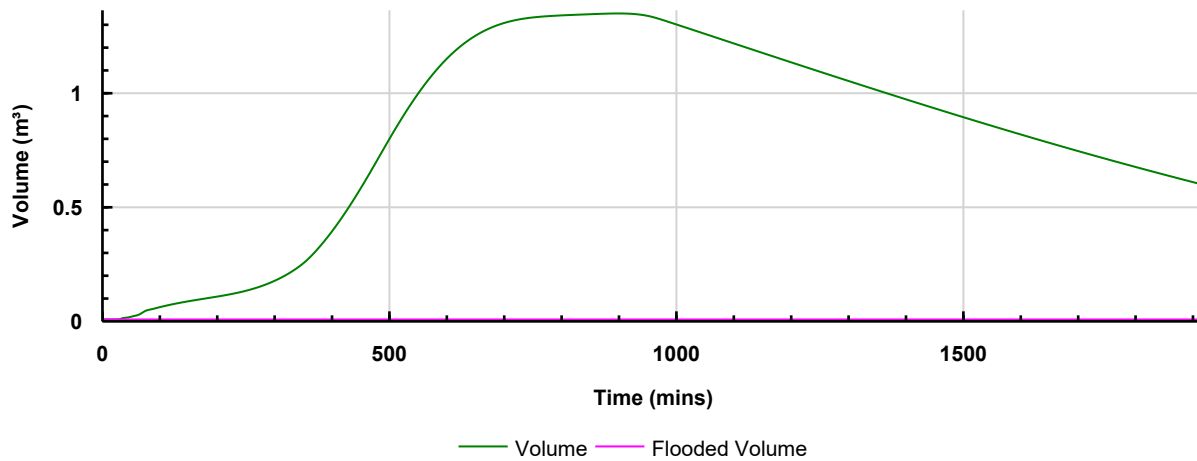
Type : Manhole

Graphs

Flow Graph



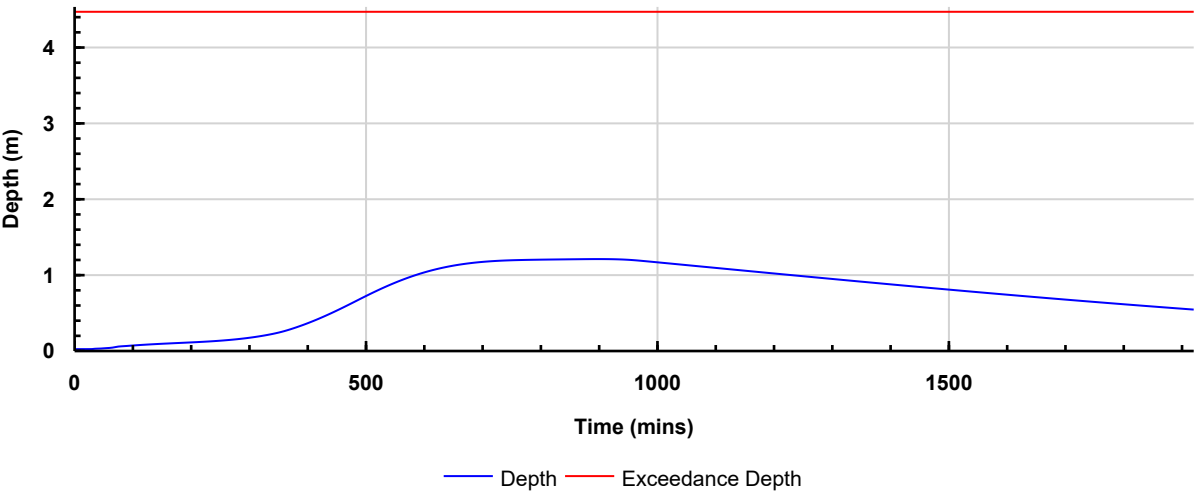
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



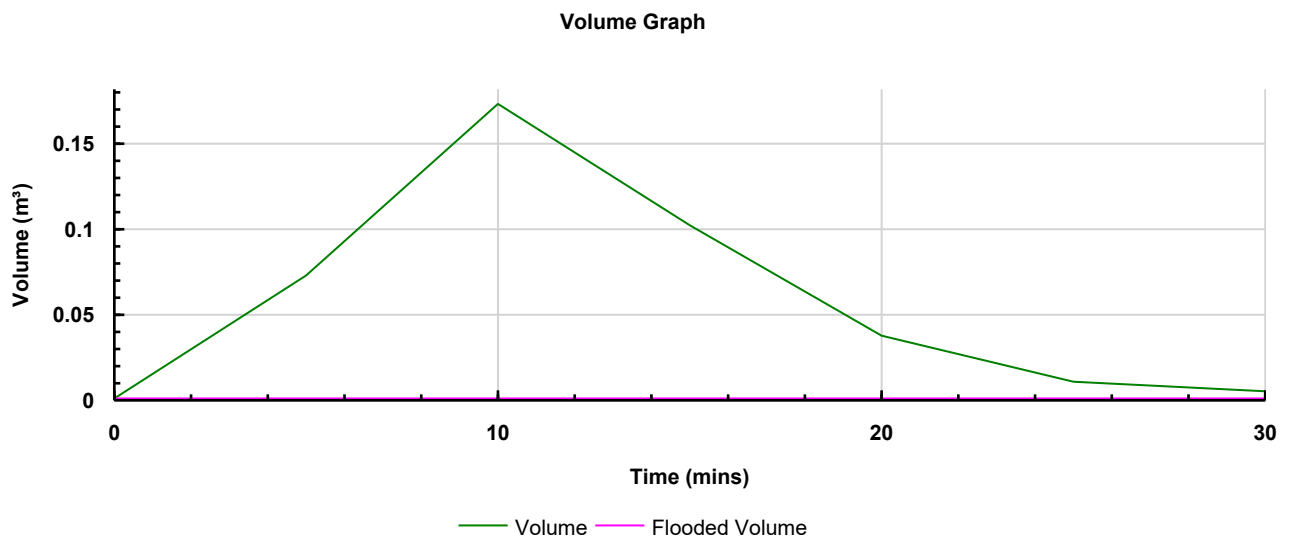
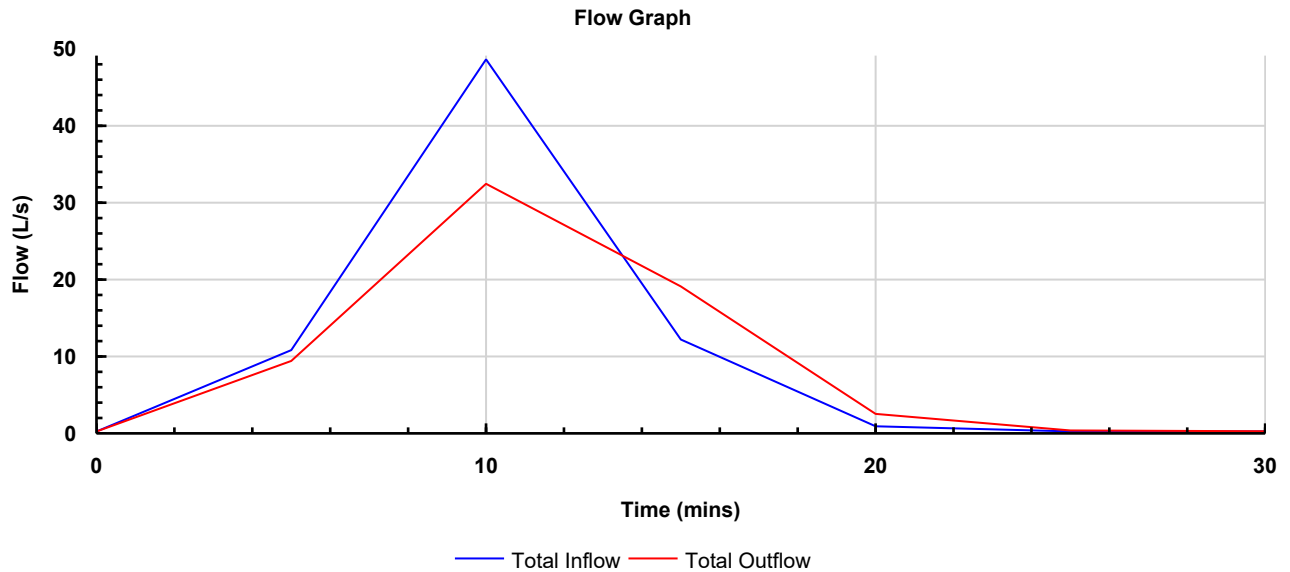
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.2-02
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

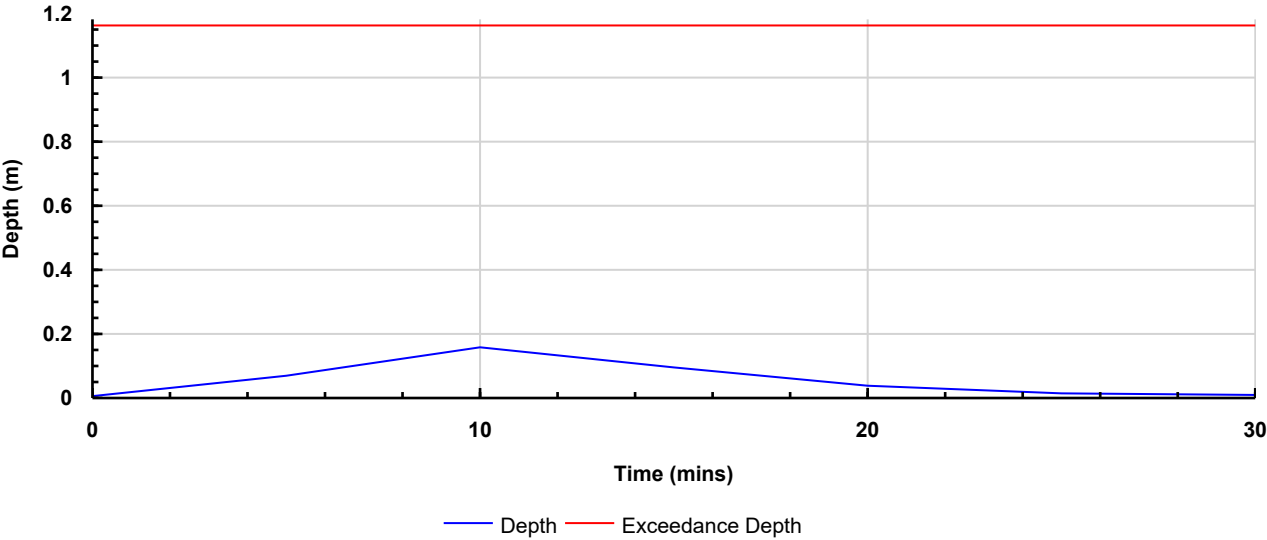
Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



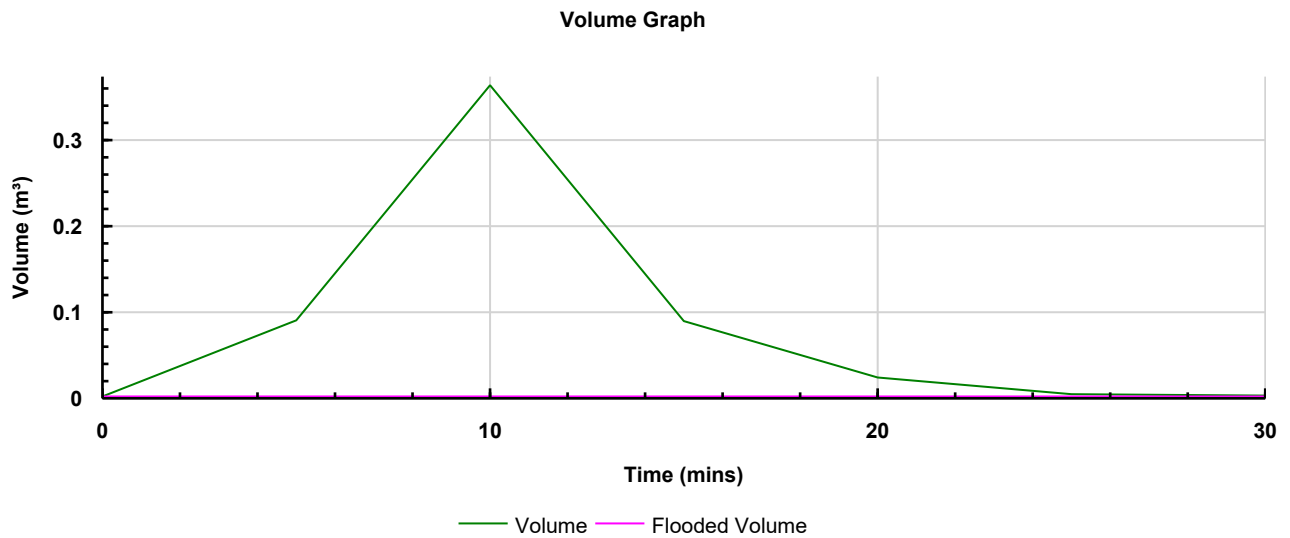
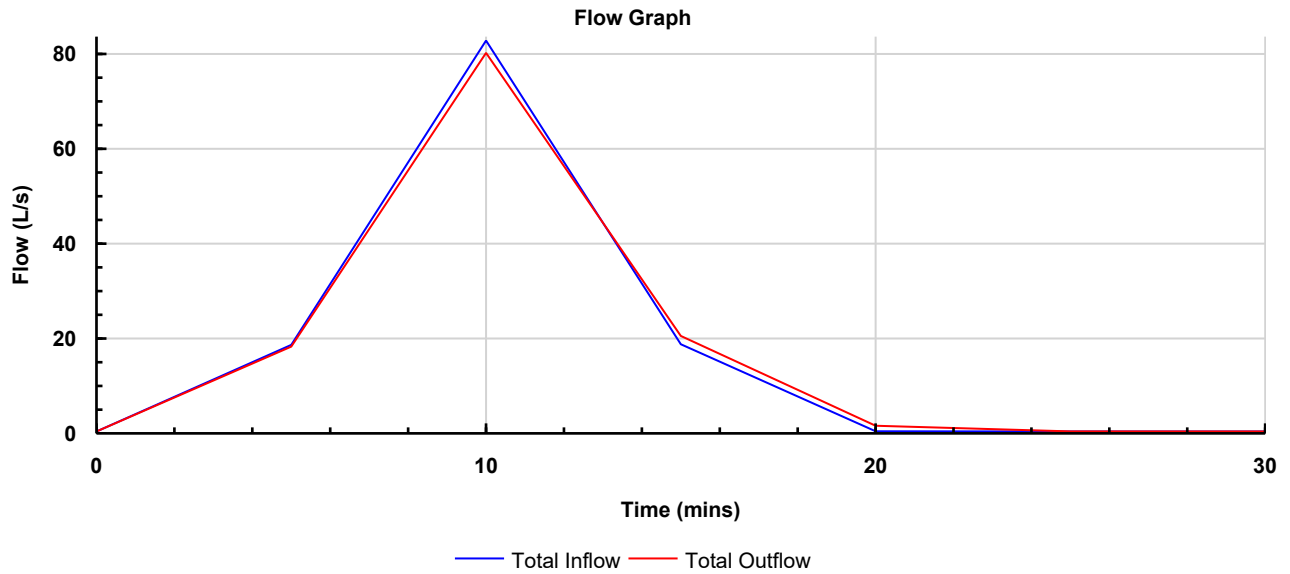
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.2-08
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

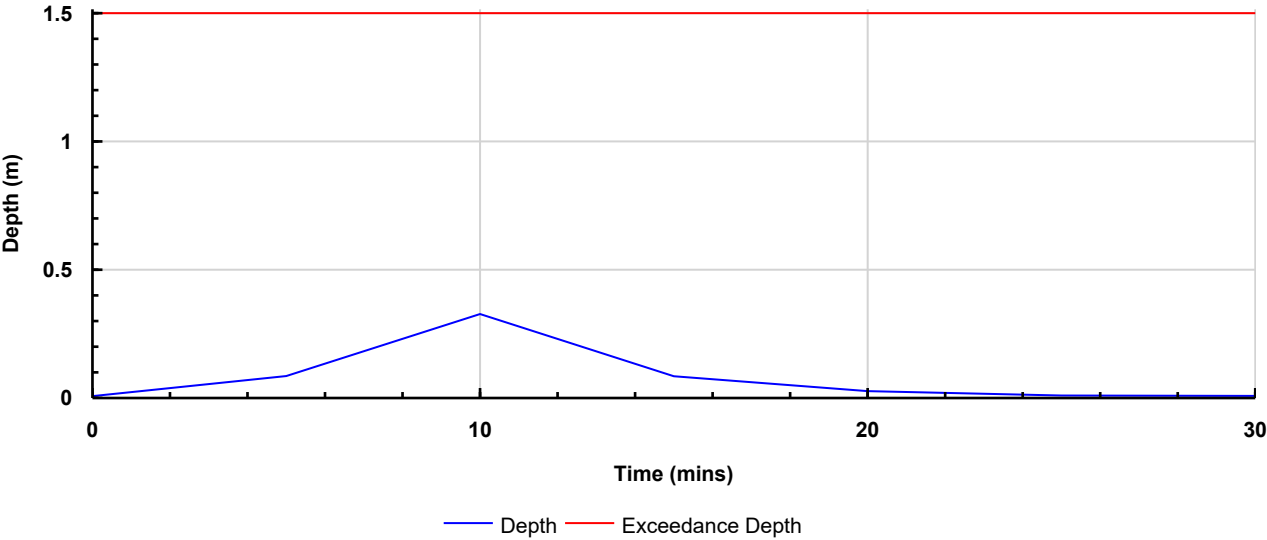
Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

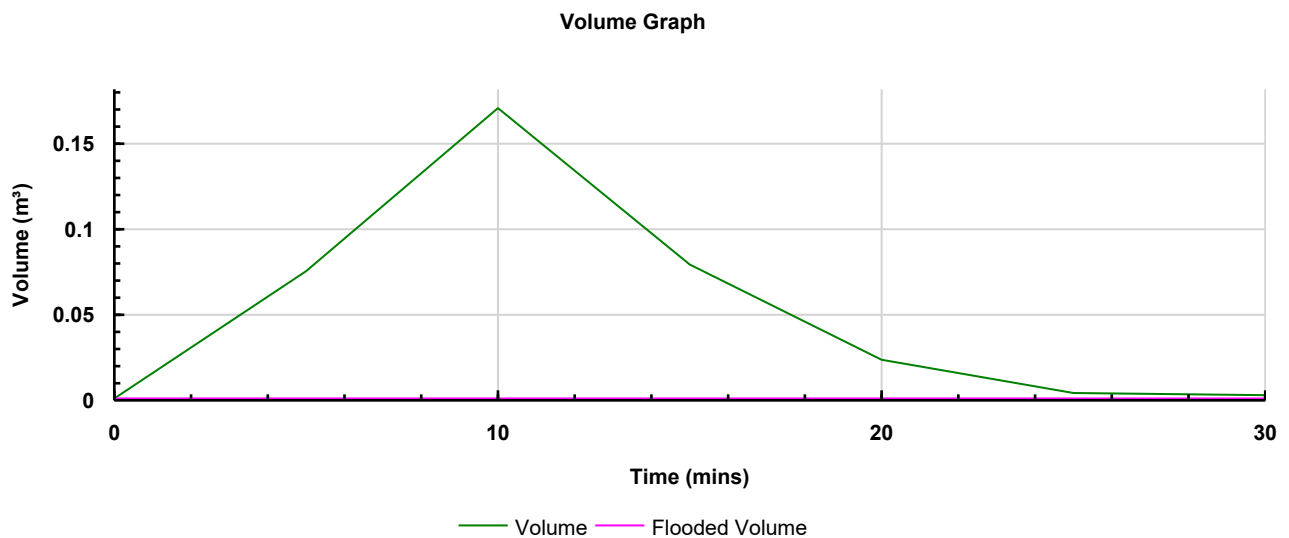
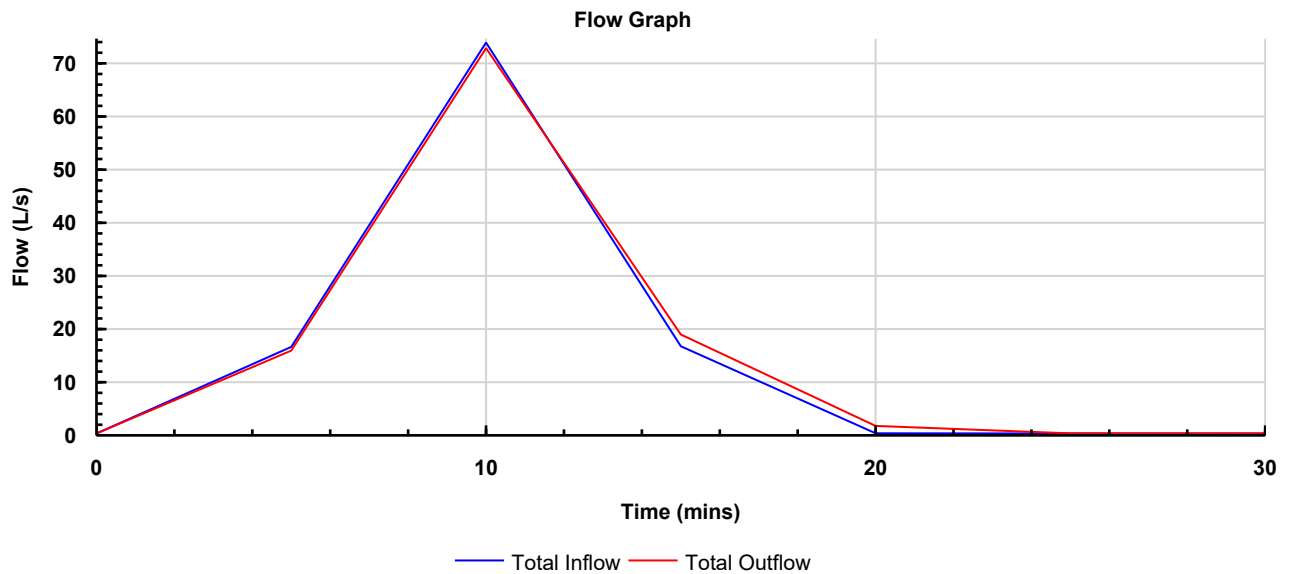


S.2-06

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

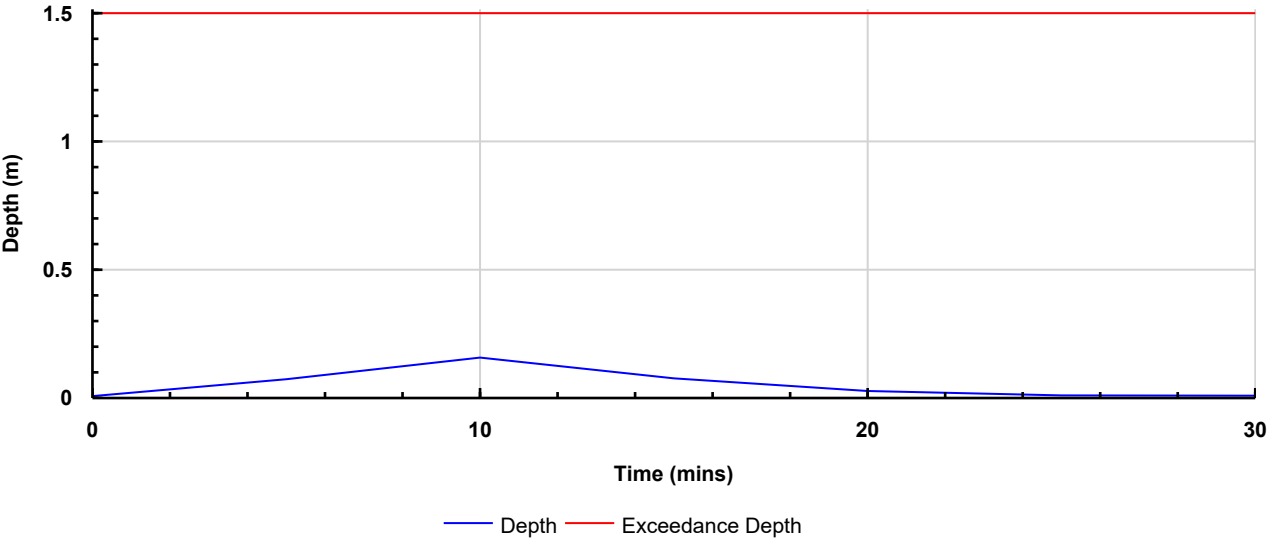
Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



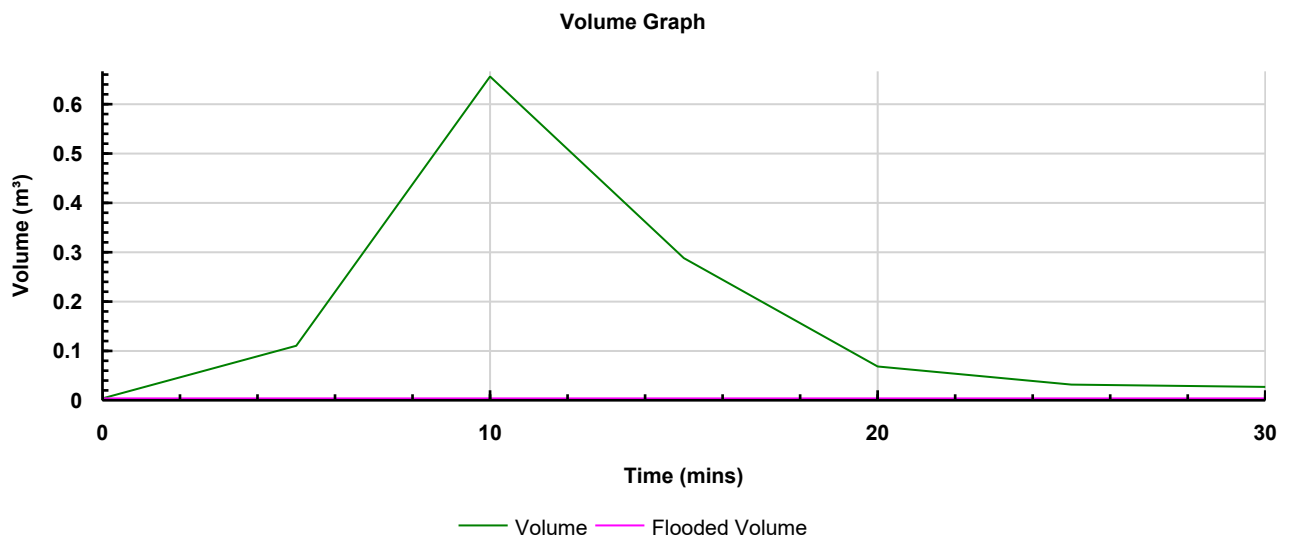
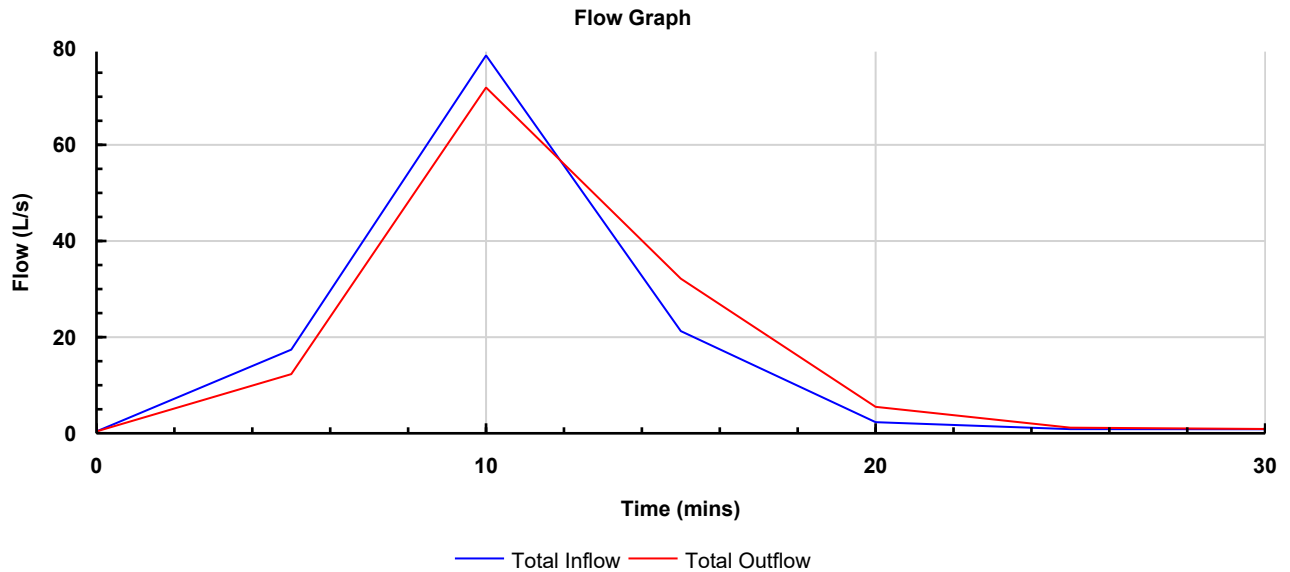
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Junction Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.2-07
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Manhole

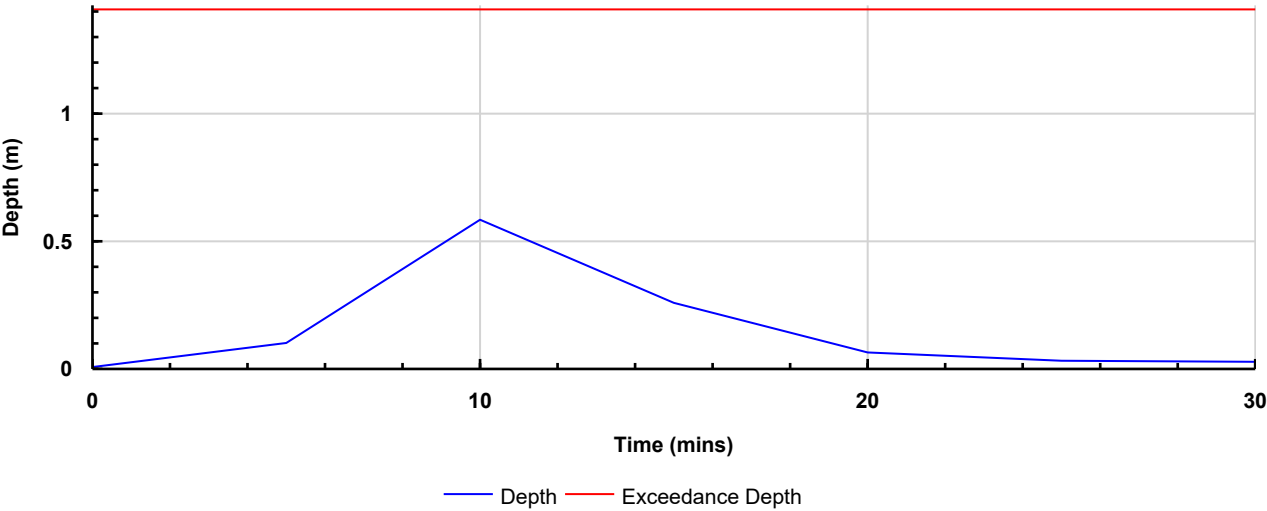
Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

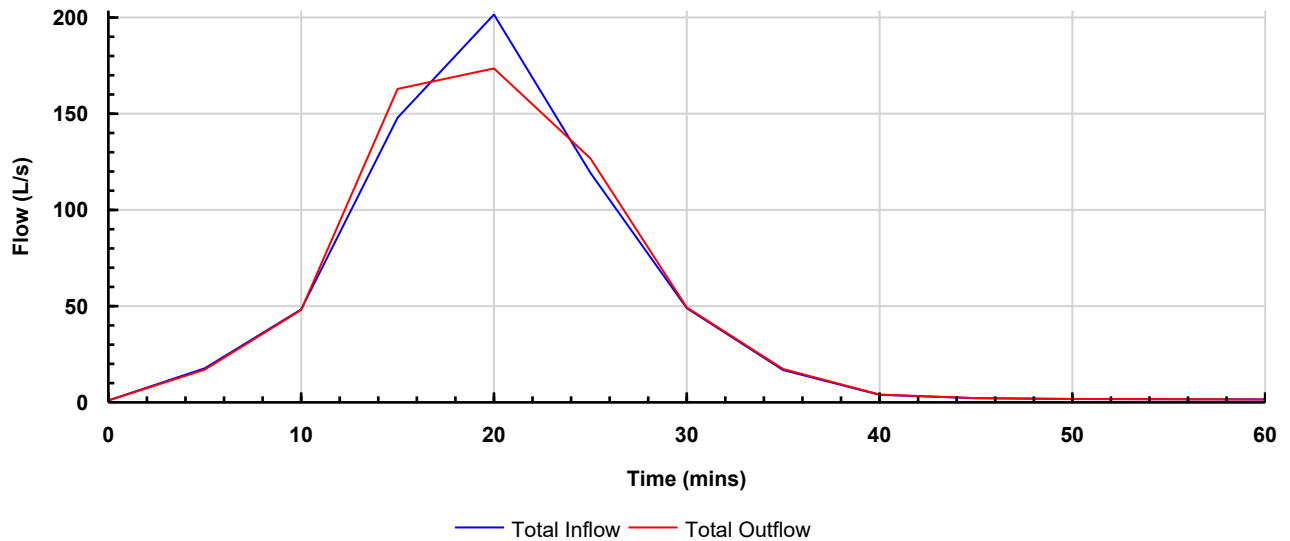


interceptor 2.1
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 30 mins: Summer

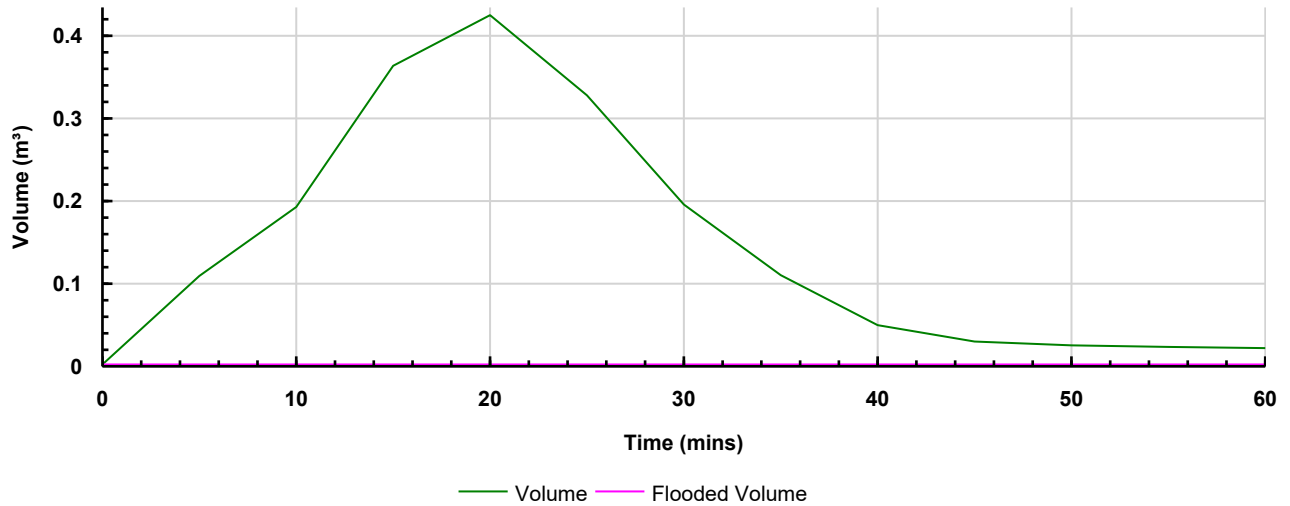
Type : Manhole

Graphs

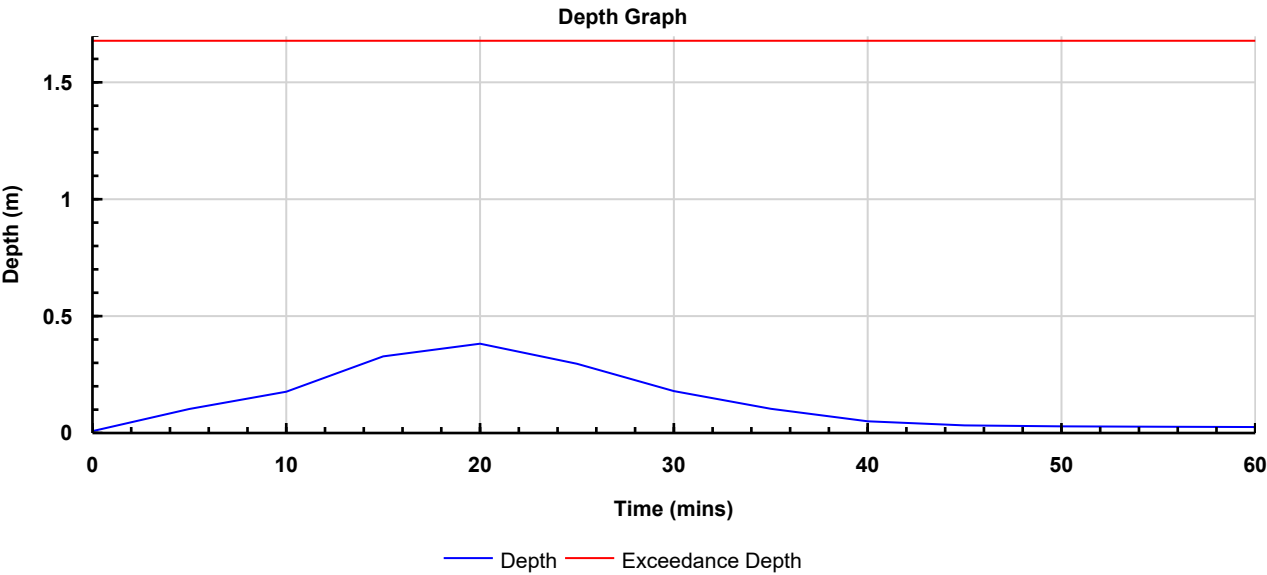
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



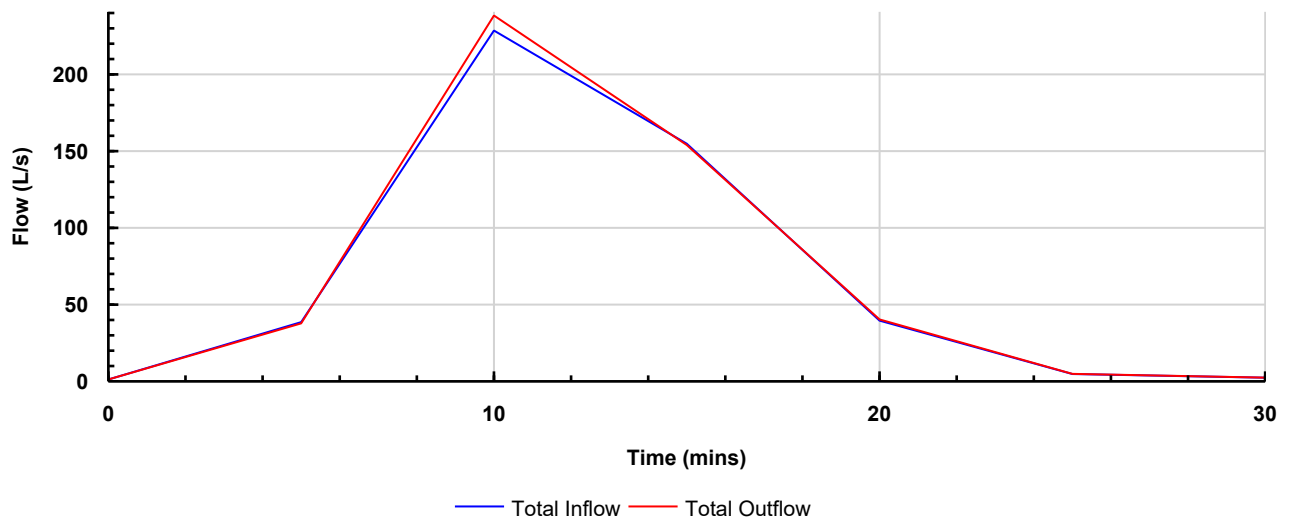
S.2-11

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

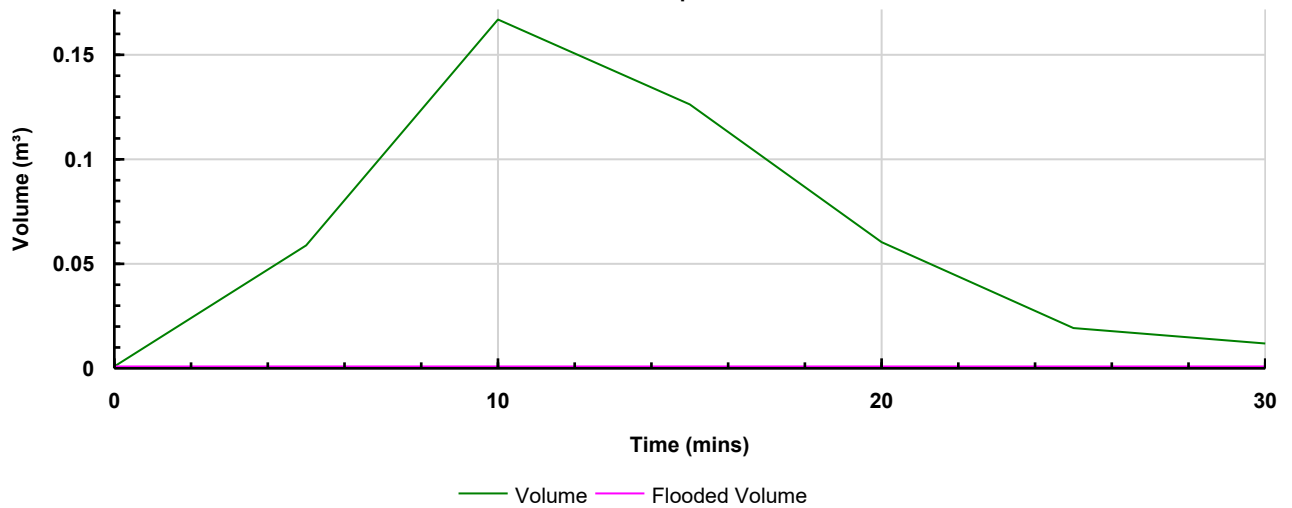
Type : Manhole

Graphs

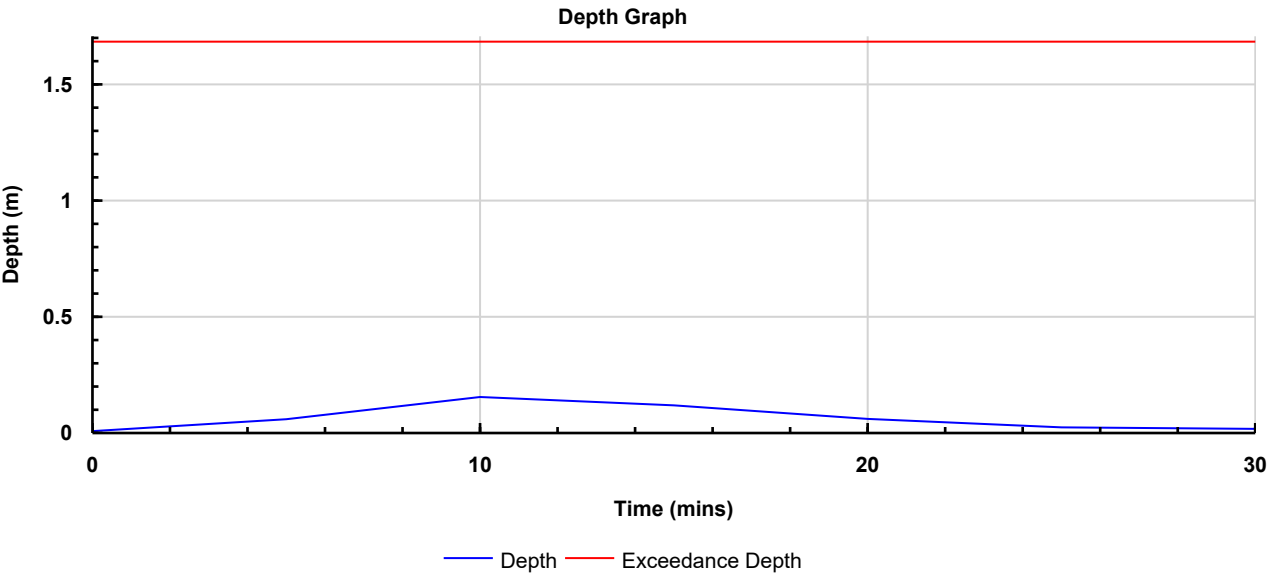
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Junction Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

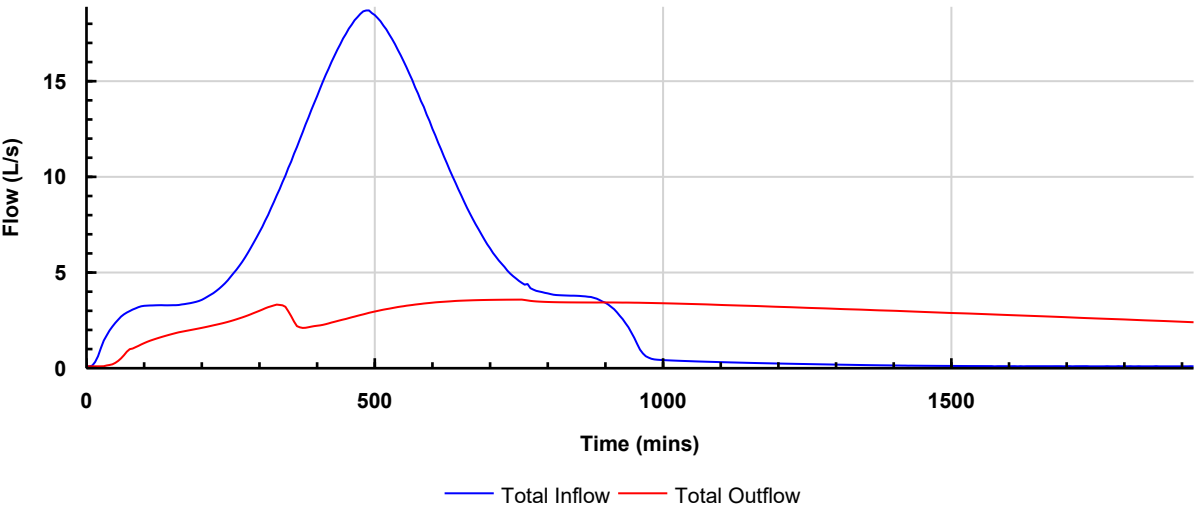


CS 2-1
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

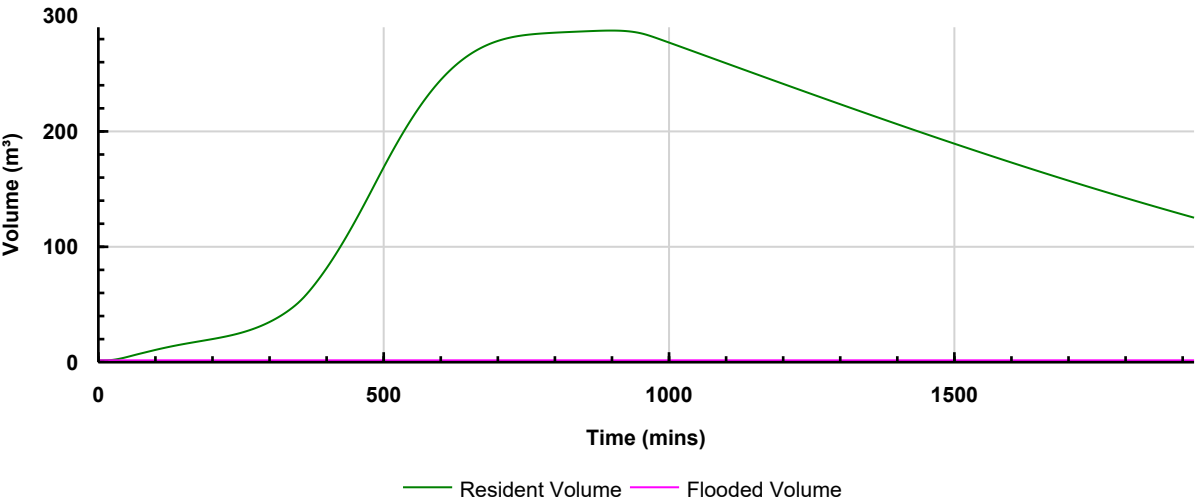
Type : Cellular Storage

Graphs

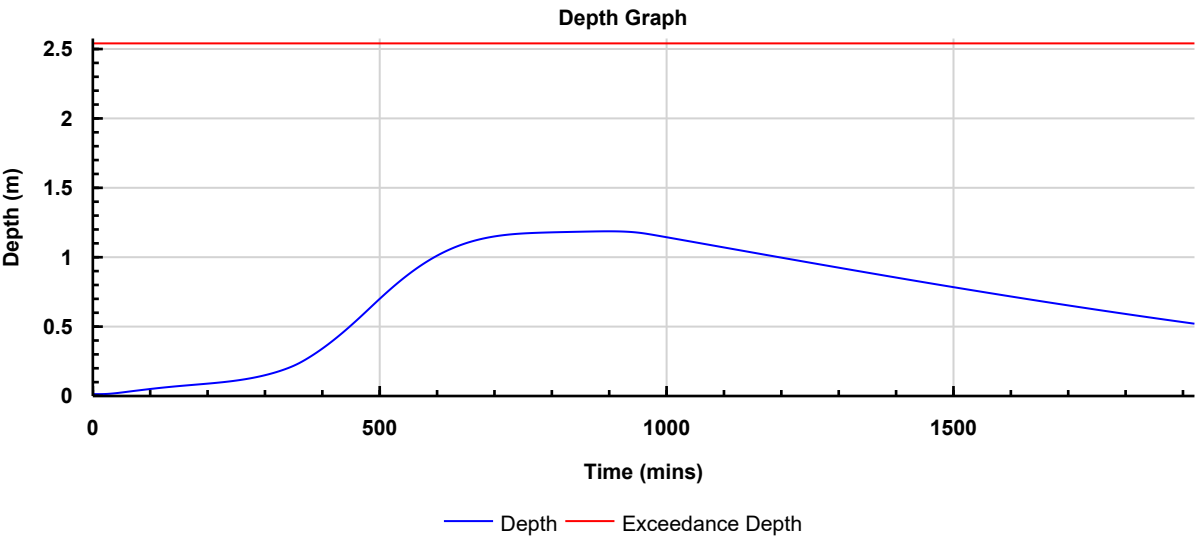
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

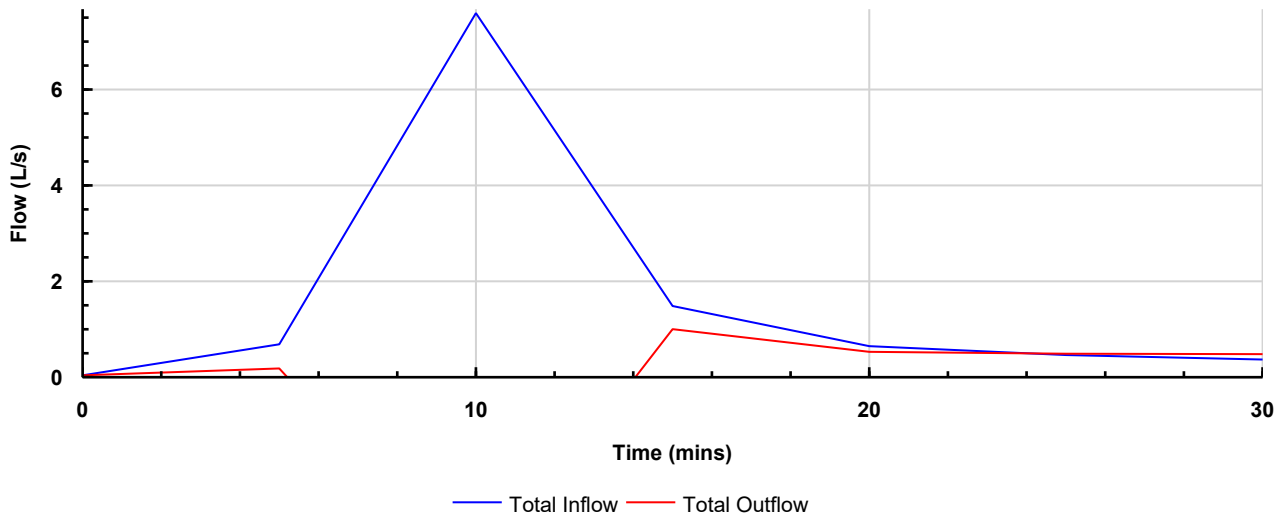


2.6
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

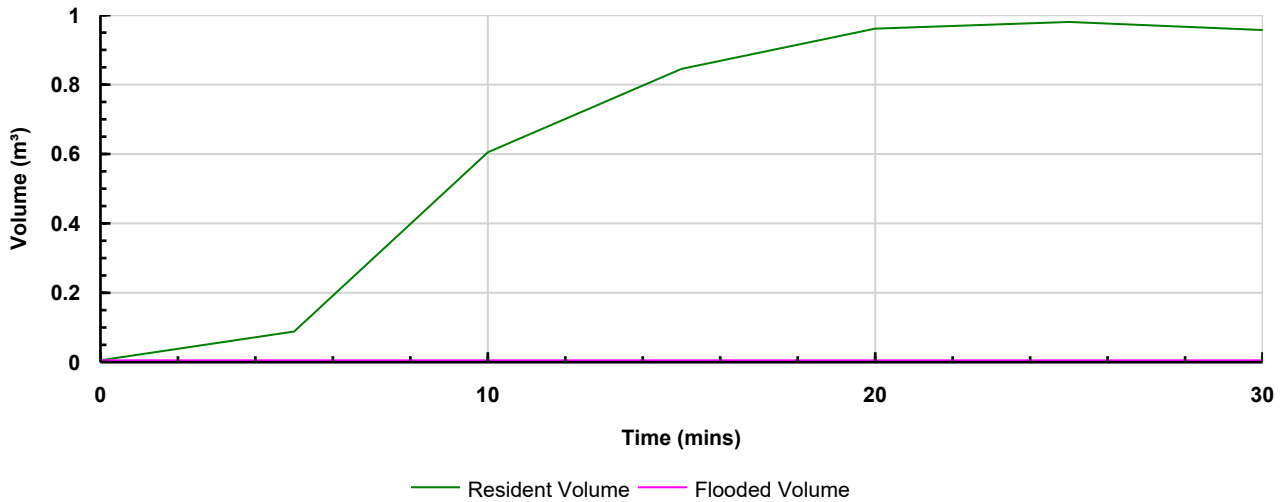
Type : Porous Paving

Graphs

Flow Graph

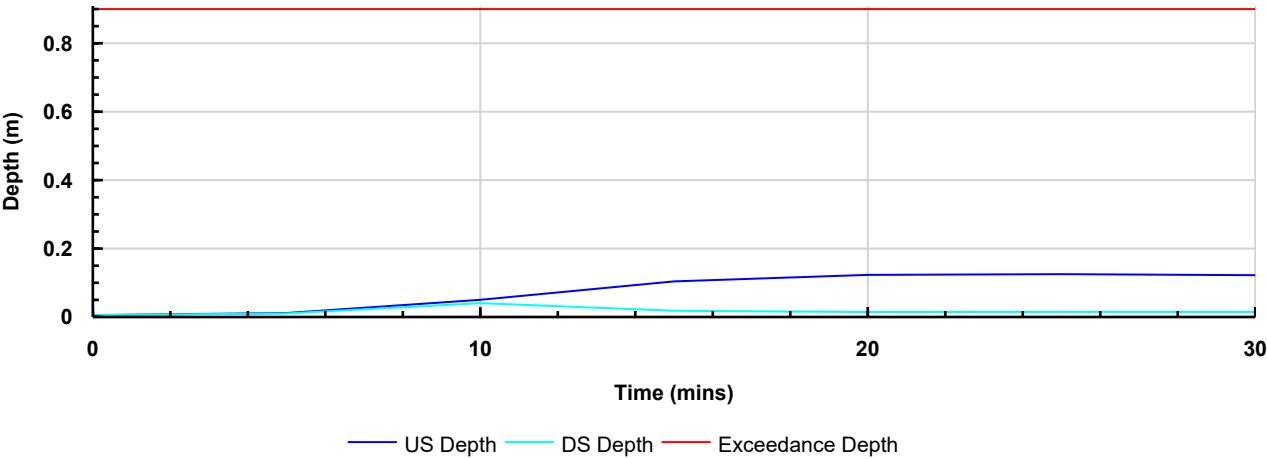


Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026			
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Designed by: YB	Checked by: TG	Approved By: TG	
	Company Address: Stantec Caversham Bridge House RG1 8DN			

Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

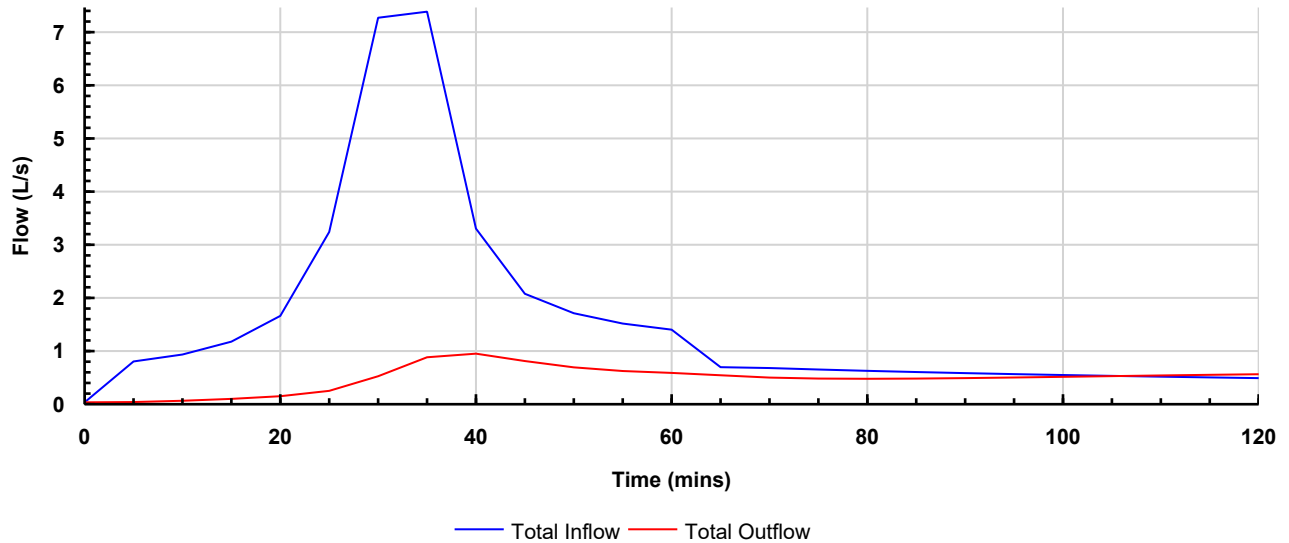


2.5
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 60 mins: Summer

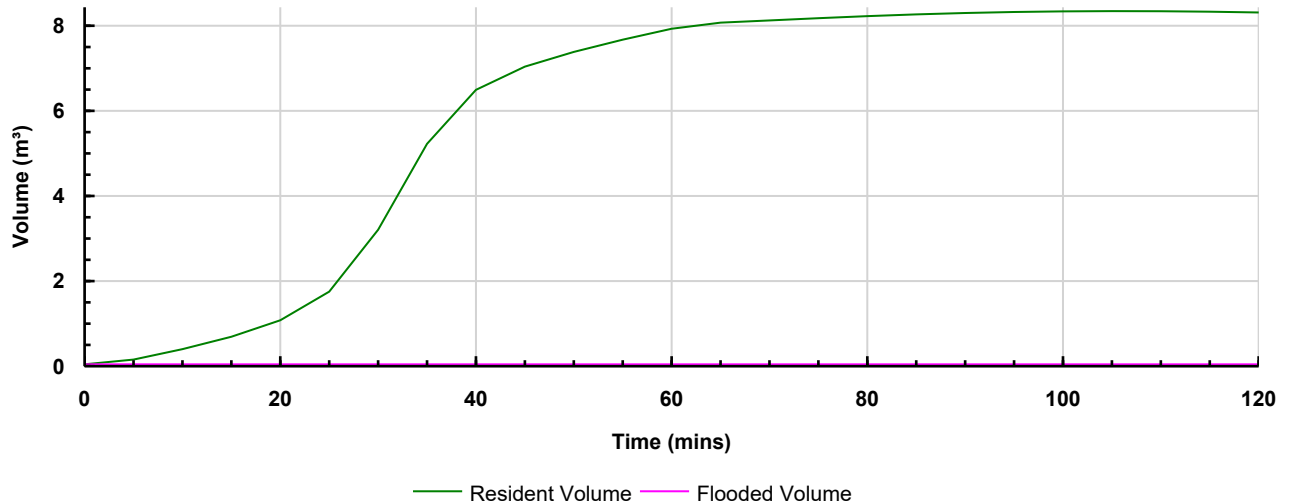
Type : Porous Paving

Graphs

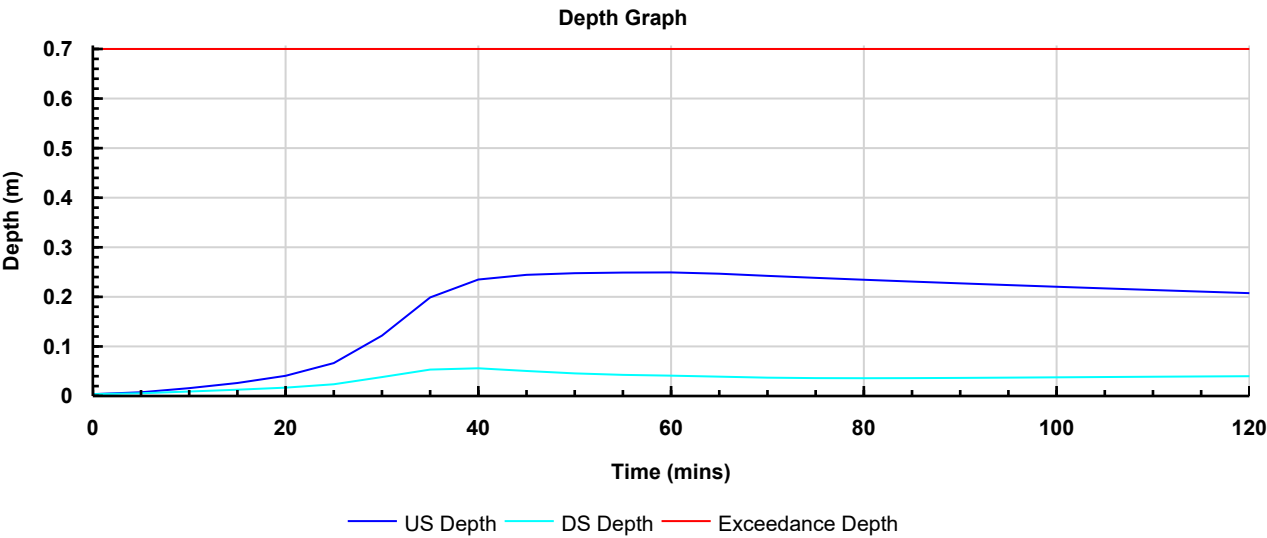
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

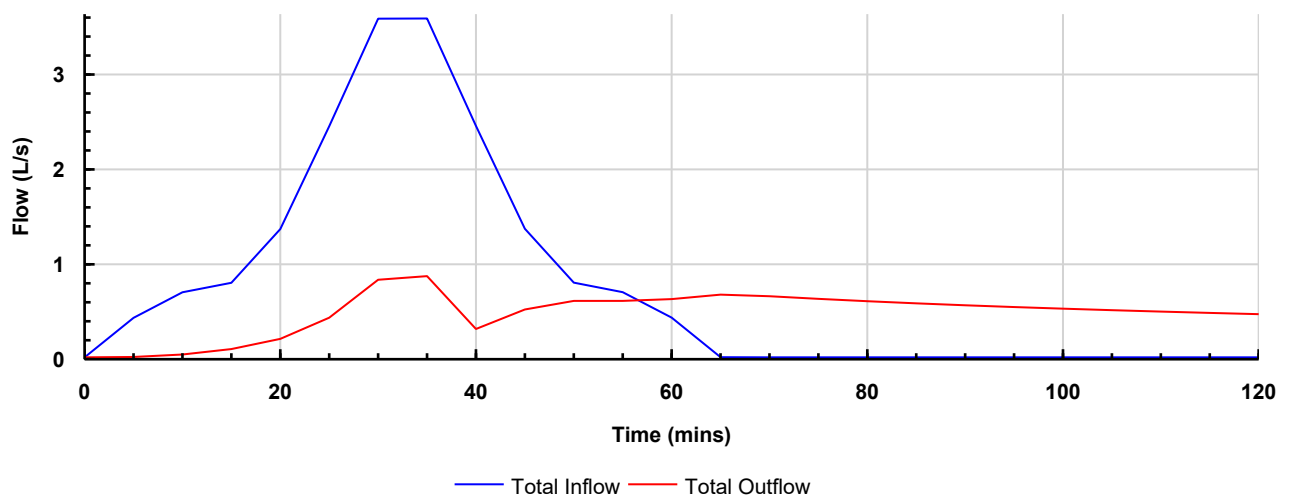


2.4
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 60 mins: Winter

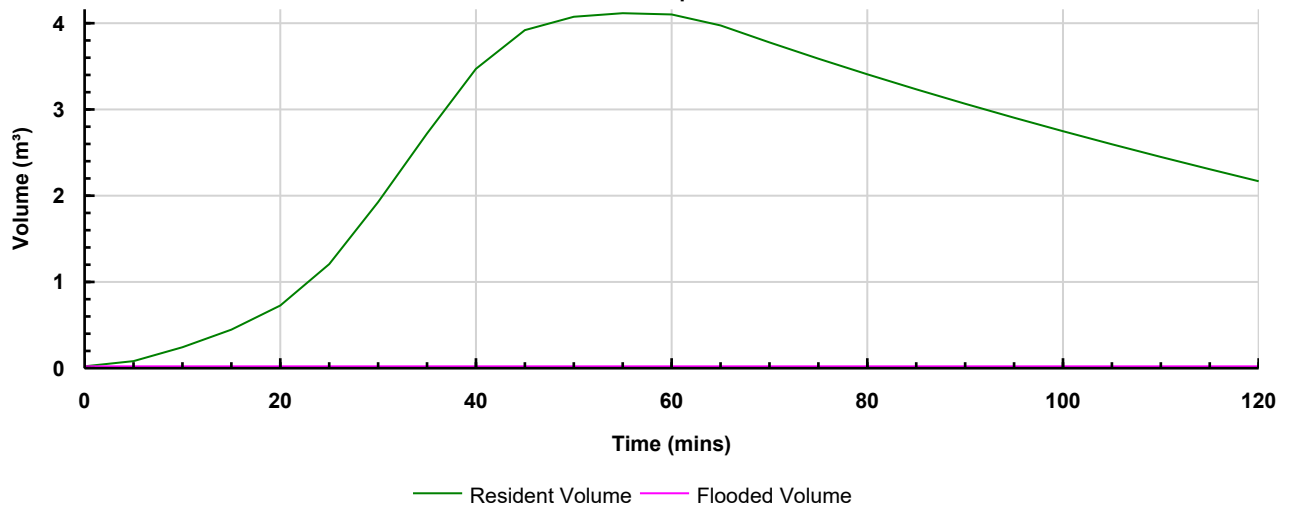
Type : Porous Paving

Graphs

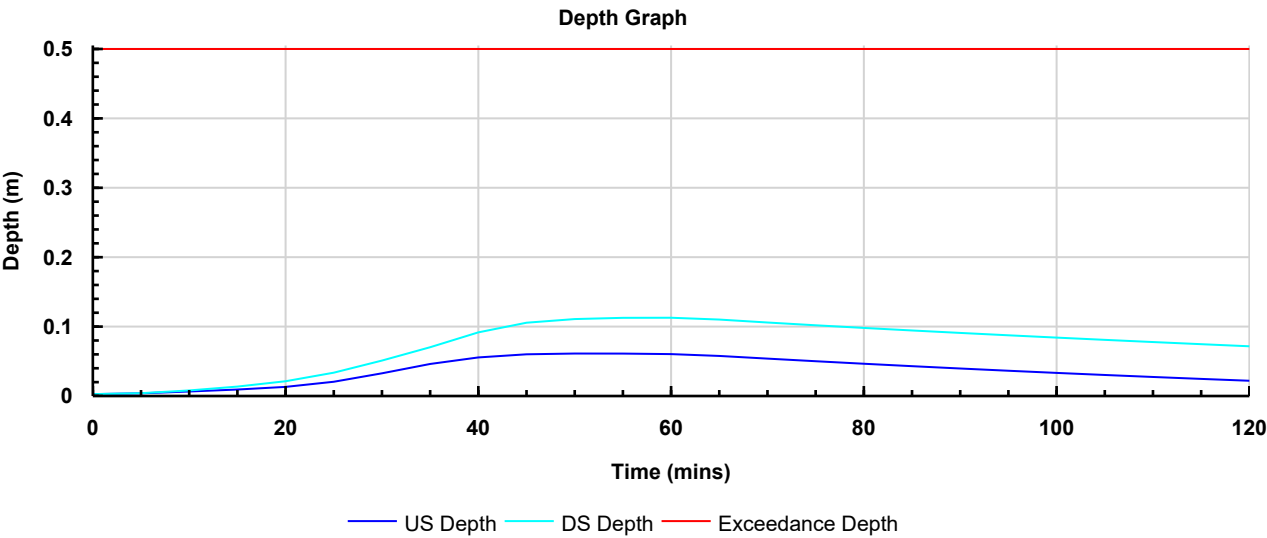
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

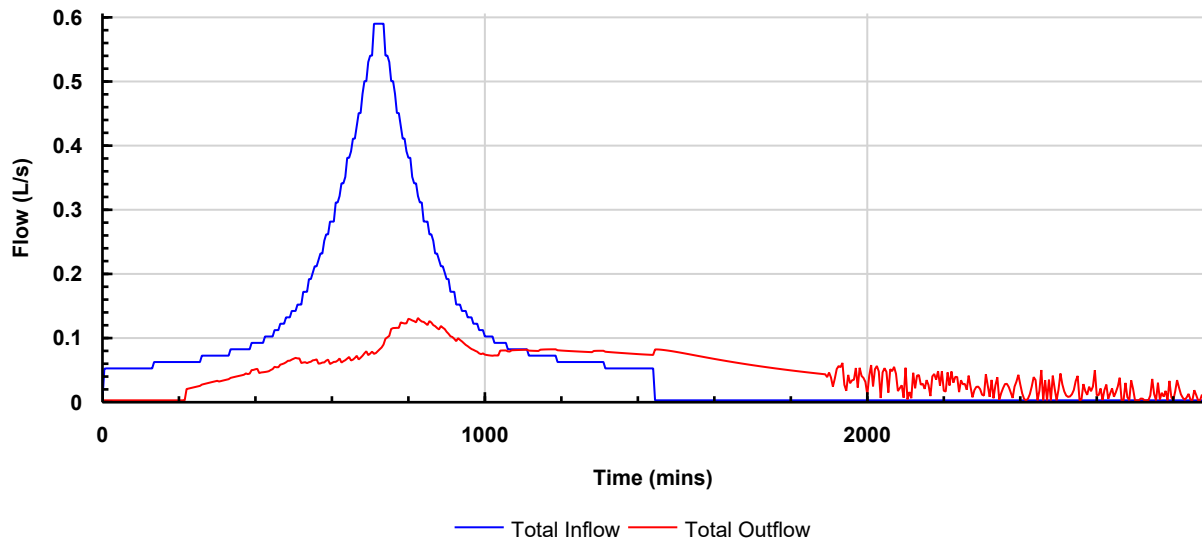


2.1
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 1440 mins: Summer

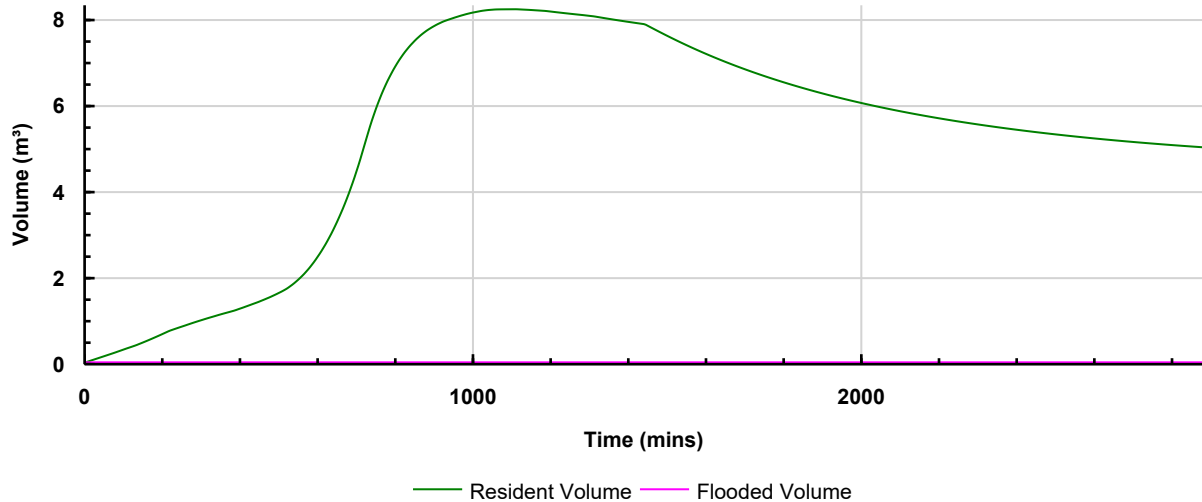
Type : Porous Paving

Graphs

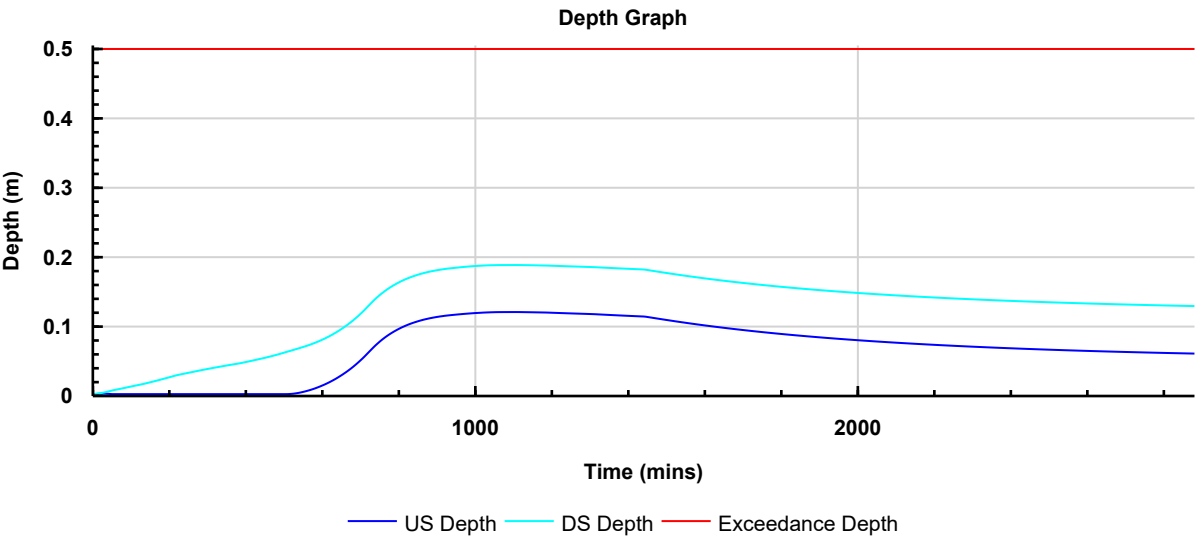
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

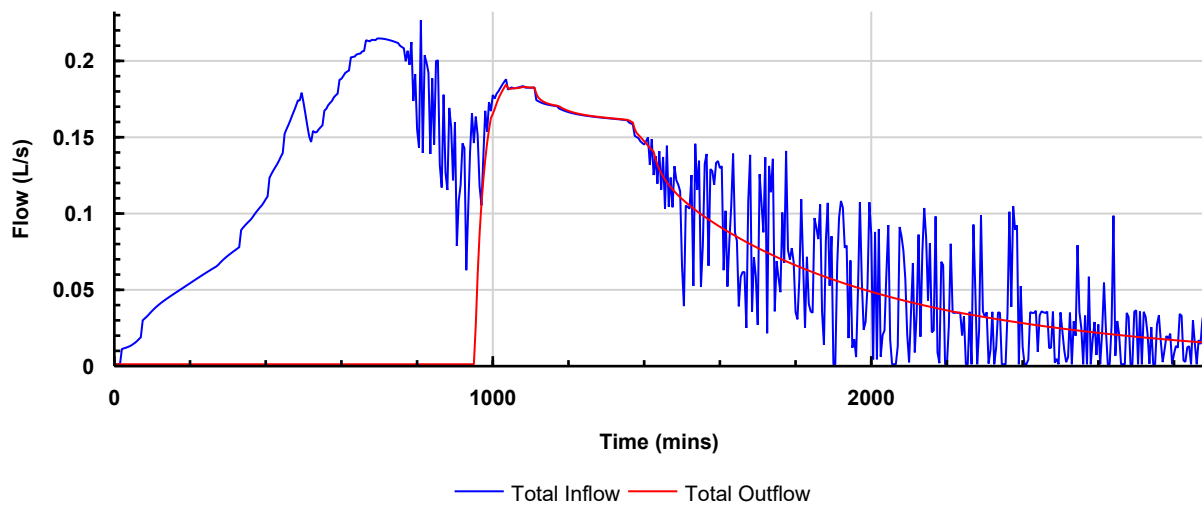


2.3
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 1440 mins: Winter

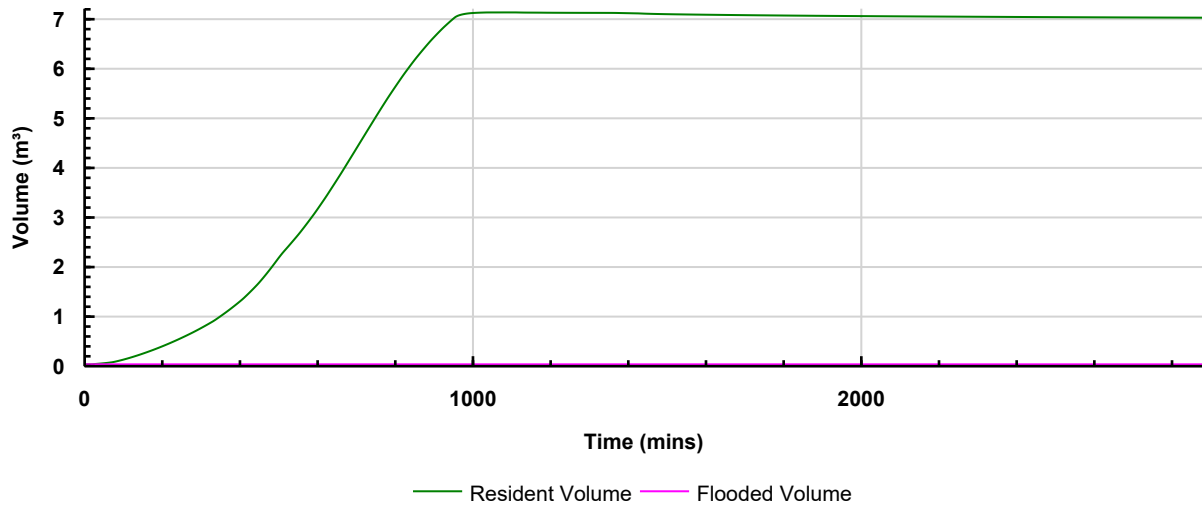
Type : Porous Paving

Graphs

Flow Graph



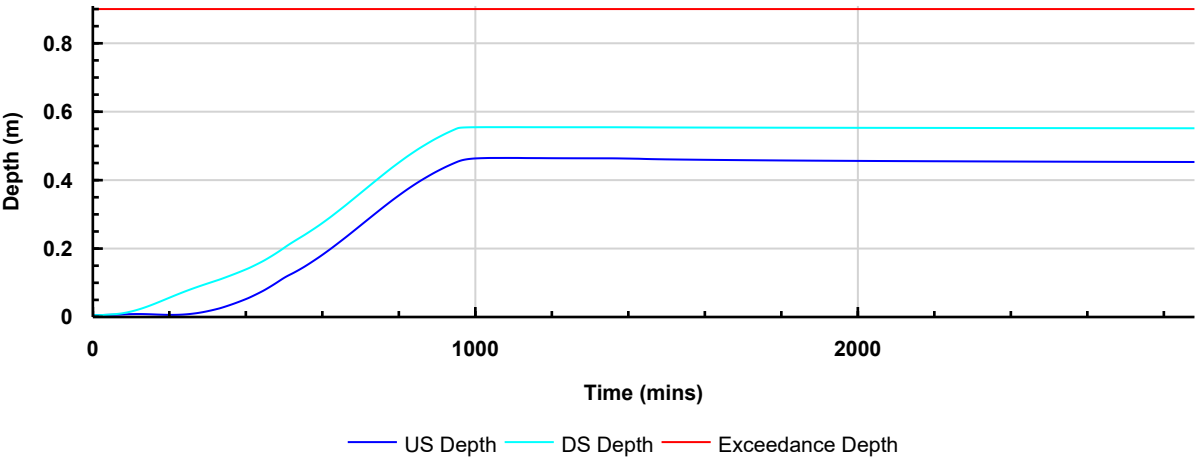
Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Depth Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		

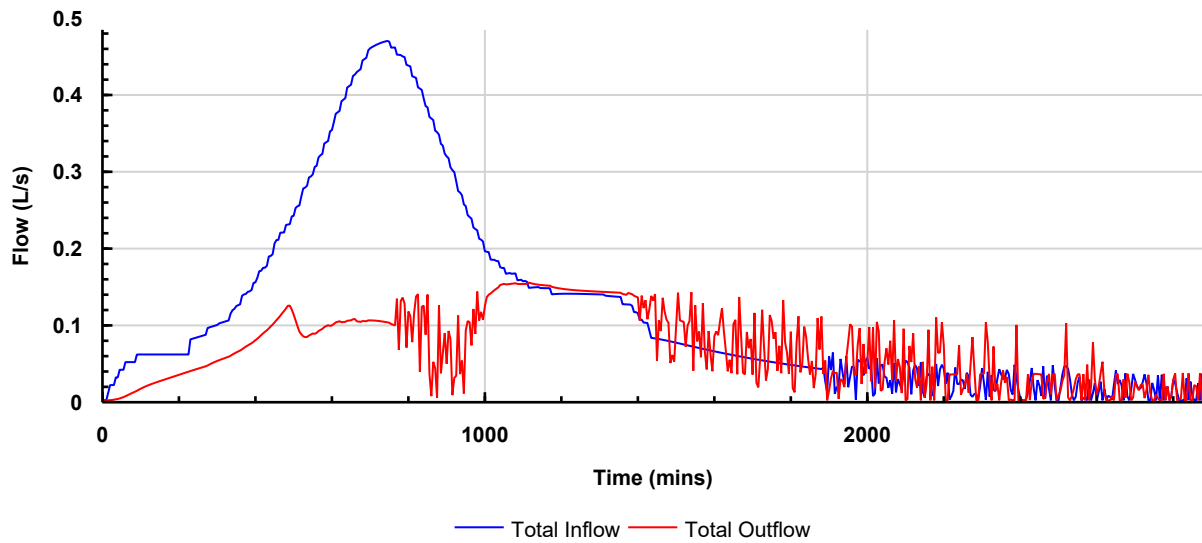


2.2
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 1440 mins: Winter

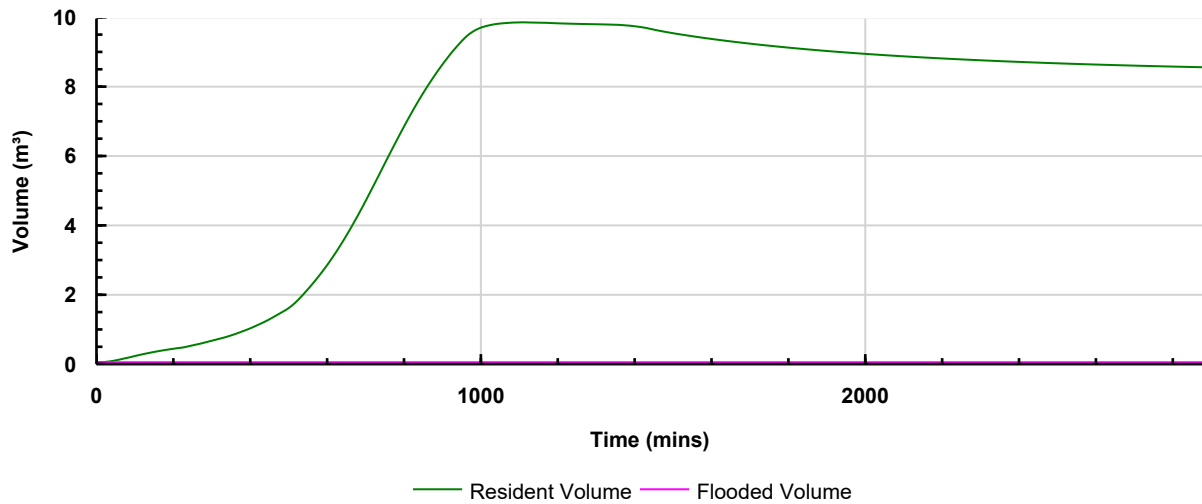
Type : Porous Paving

Graphs

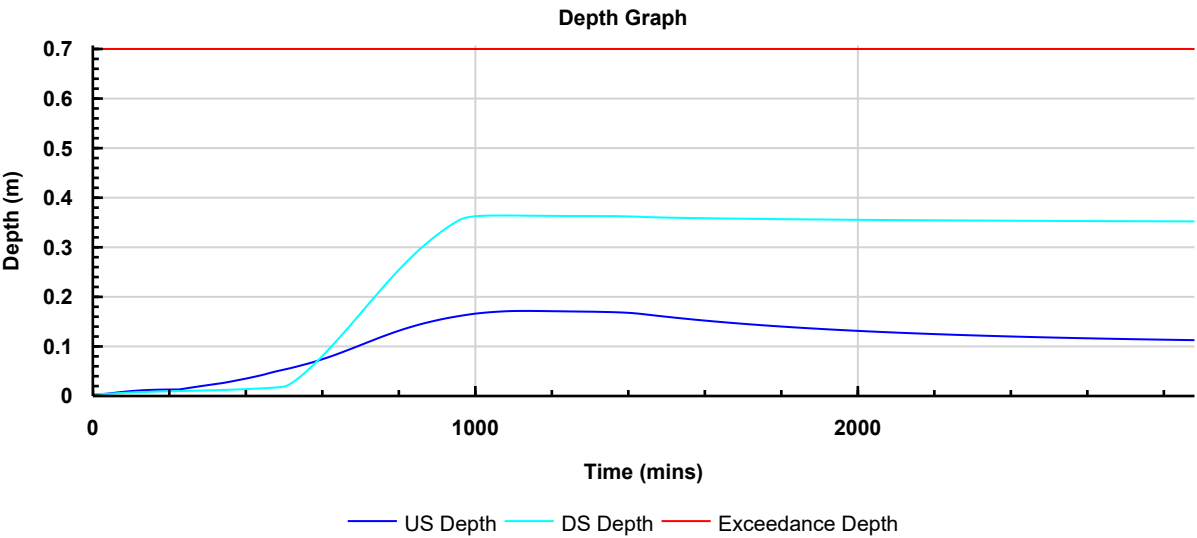
Flow Graph



Volume Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Stormwater Control Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

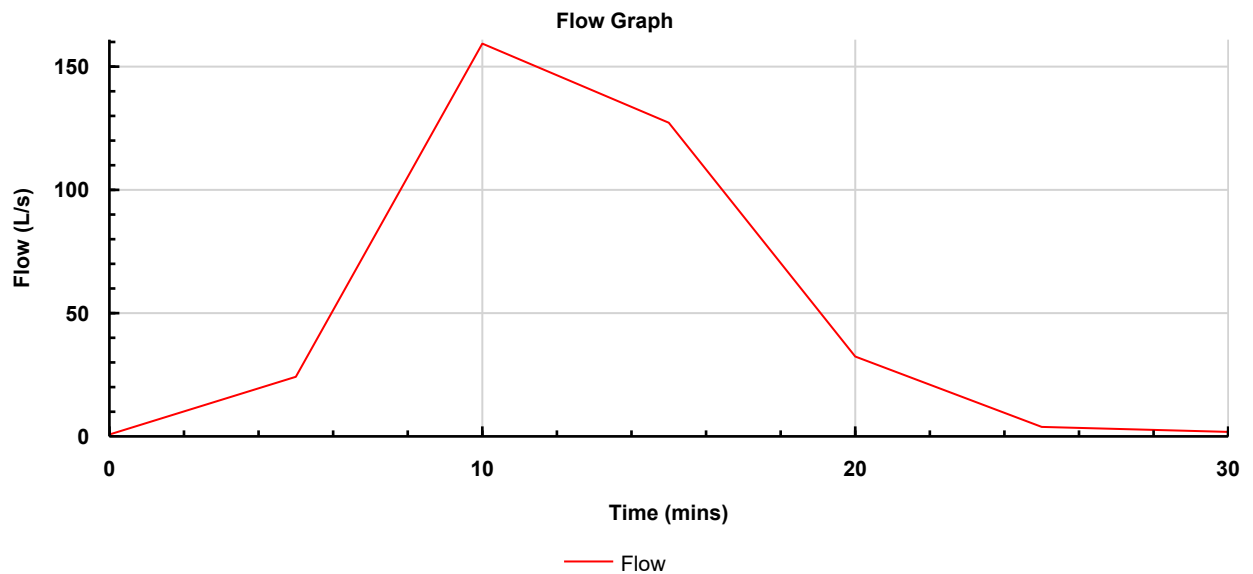


S.02-1.006

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Connection Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



Stantec

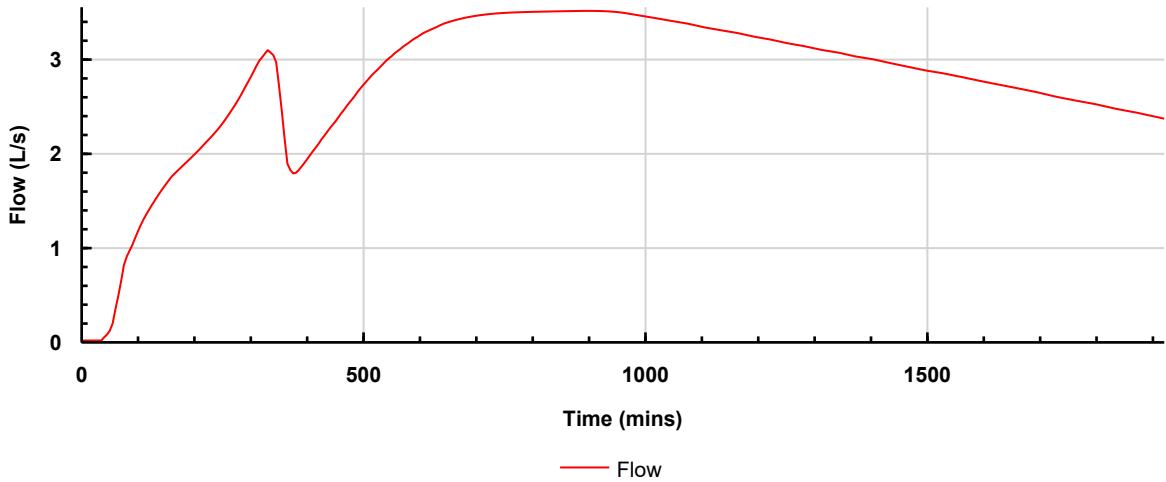


S.02-1.013
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 960 mins: Winter

Type : Pipe

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

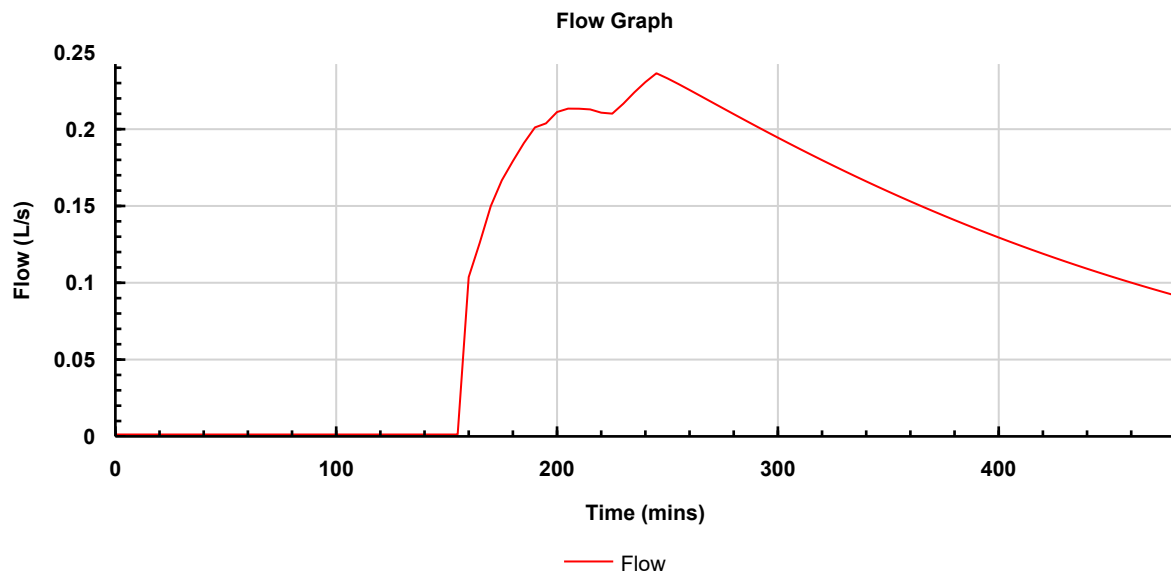


No Delay

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 240 mins: Winter

Type : No Delay

Graphs



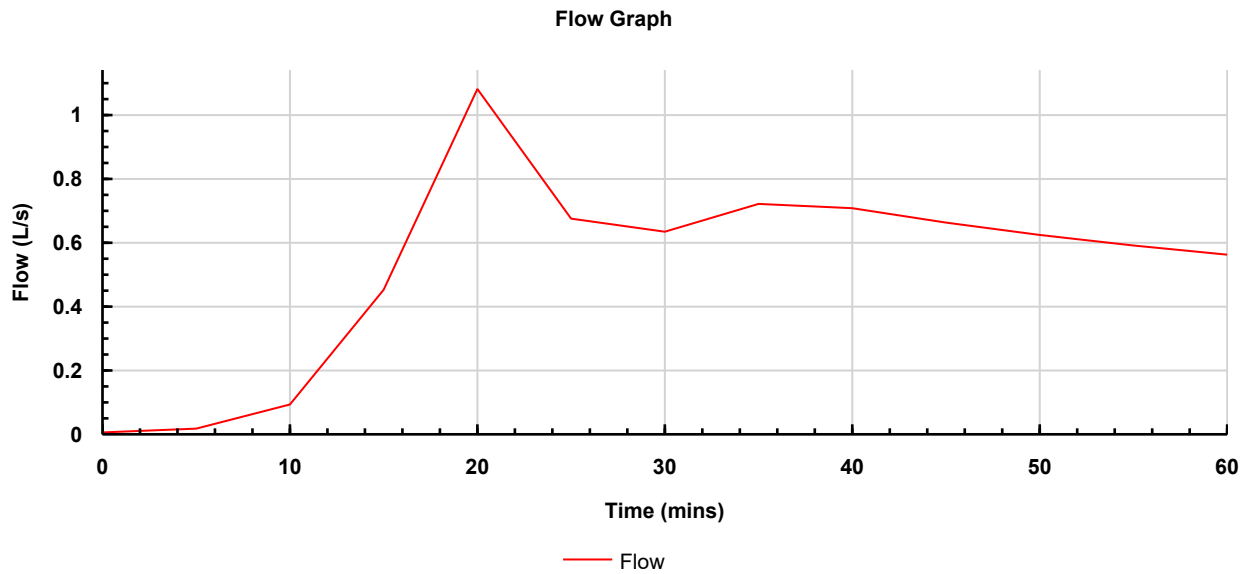
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



No Delay (1)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 30 mins: Summer

Type : No Delay

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Connection Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



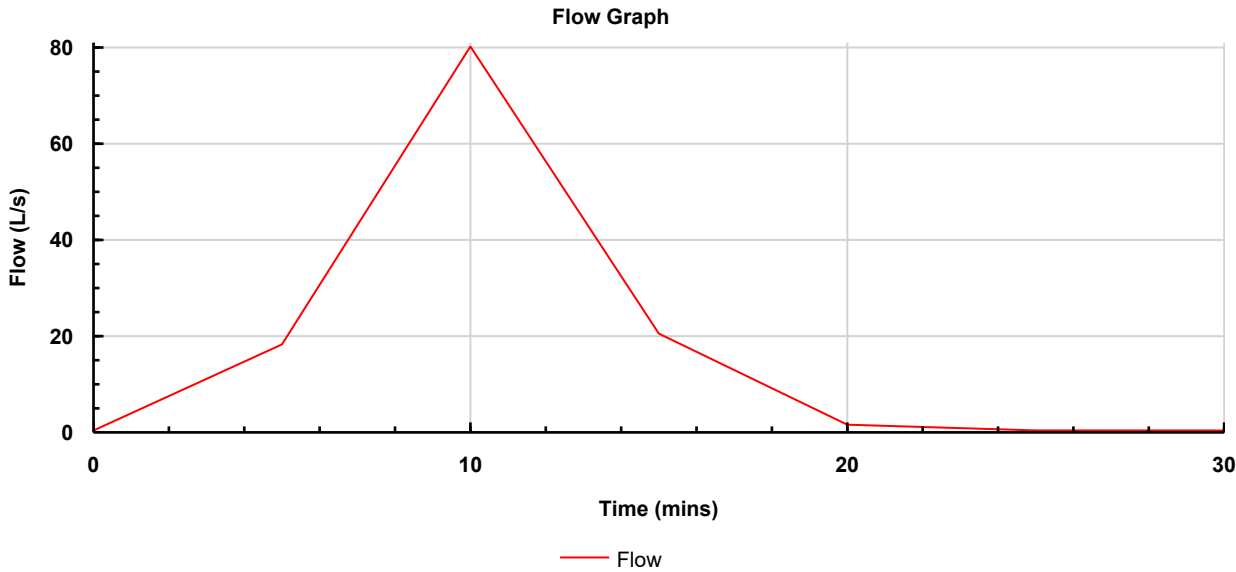
Stantec



S.02-4.001
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



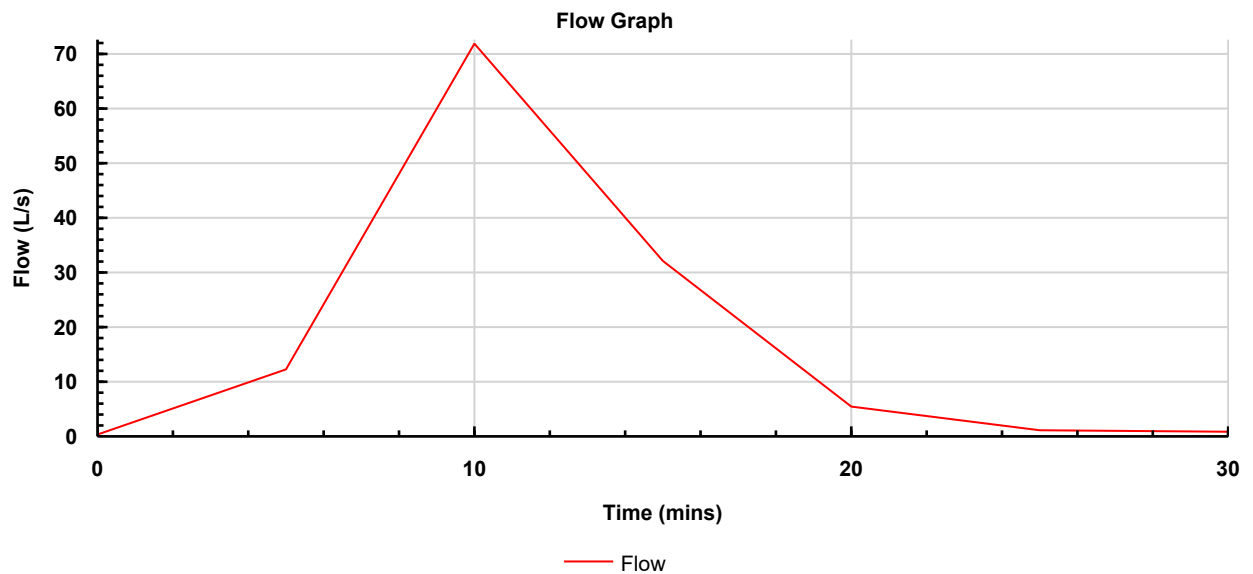
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-3.002
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

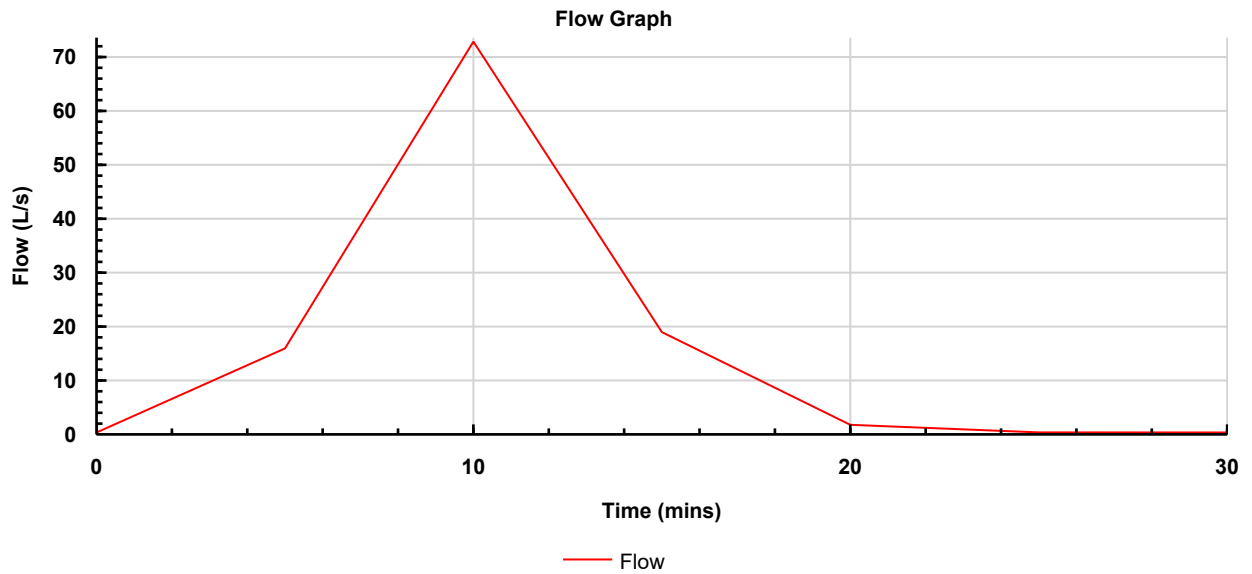


S.02-3.001

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



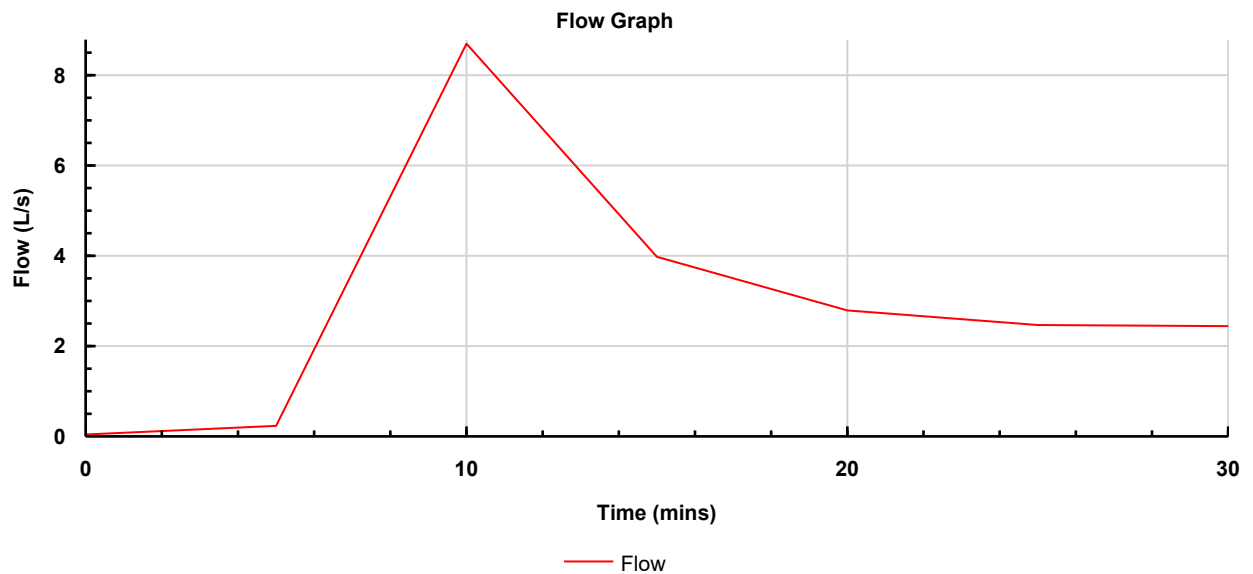
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		 Stantec	
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.011
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

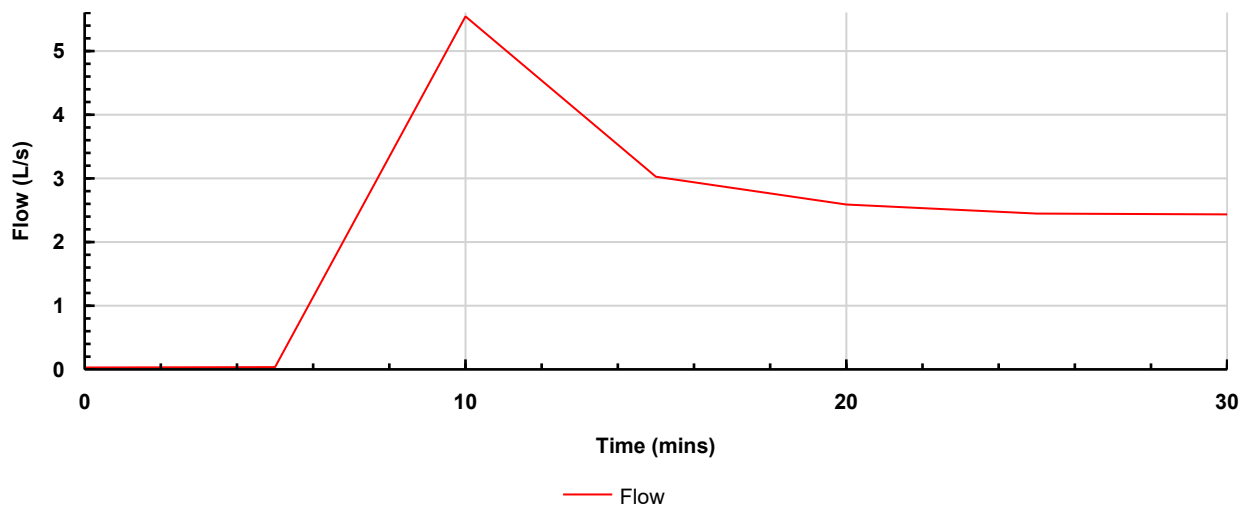


S.02-1.012
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs

Flow Graph



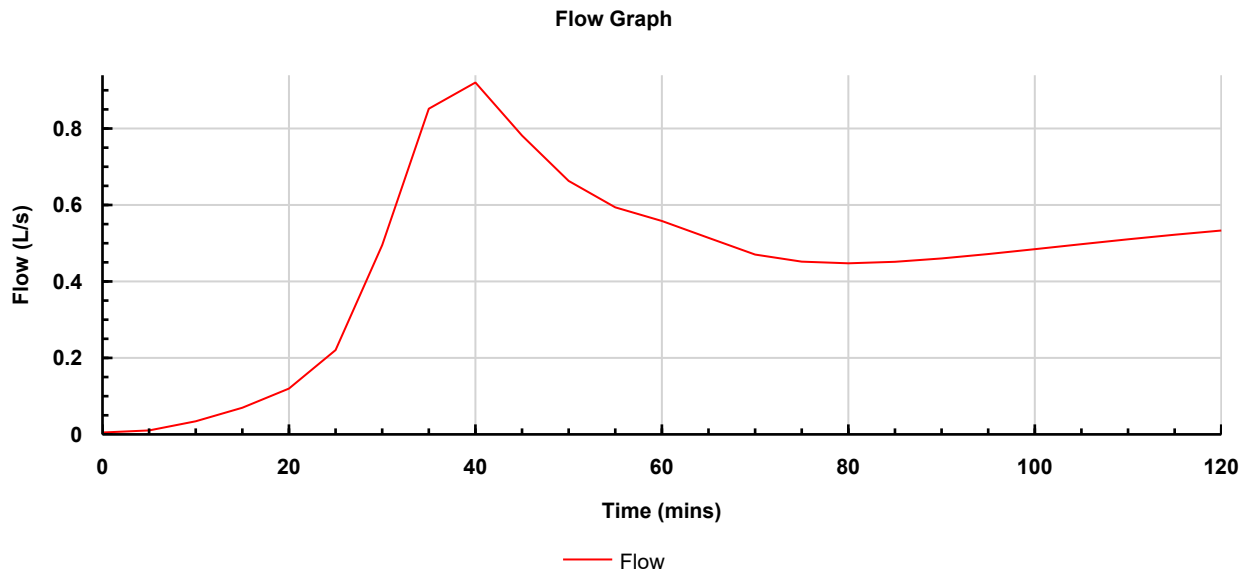
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



No Delay (2)
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 60 mins: Summer

Type : No Delay

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

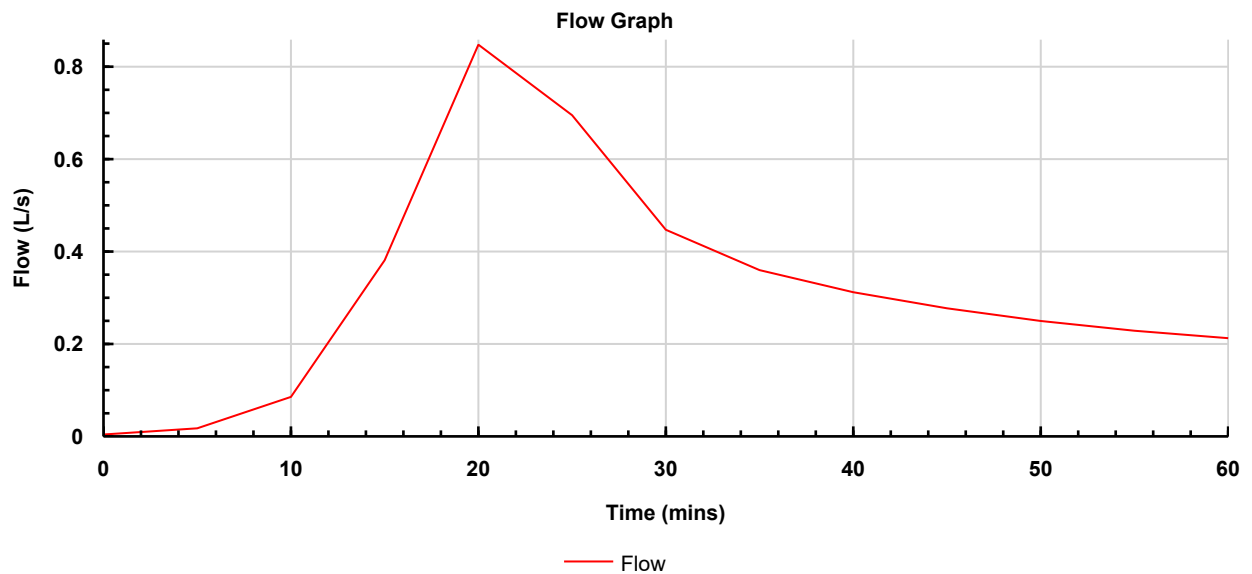


No Delay (3)

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 30 mins: Summer

Type : No Delay

Graphs



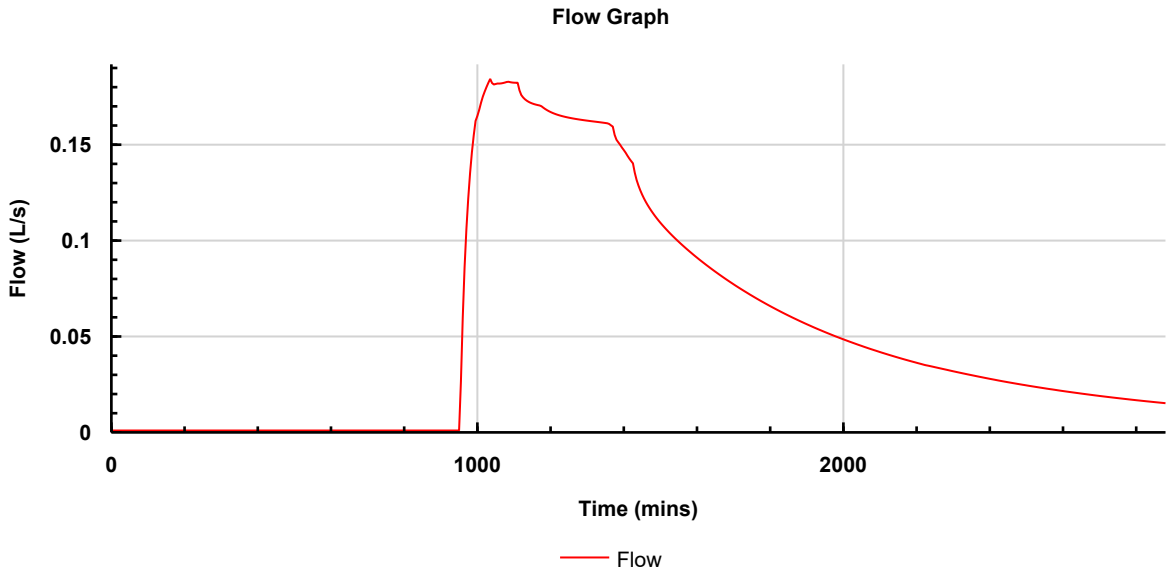
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Connection Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



S.02-5.001
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 1440 mins: Winter

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			

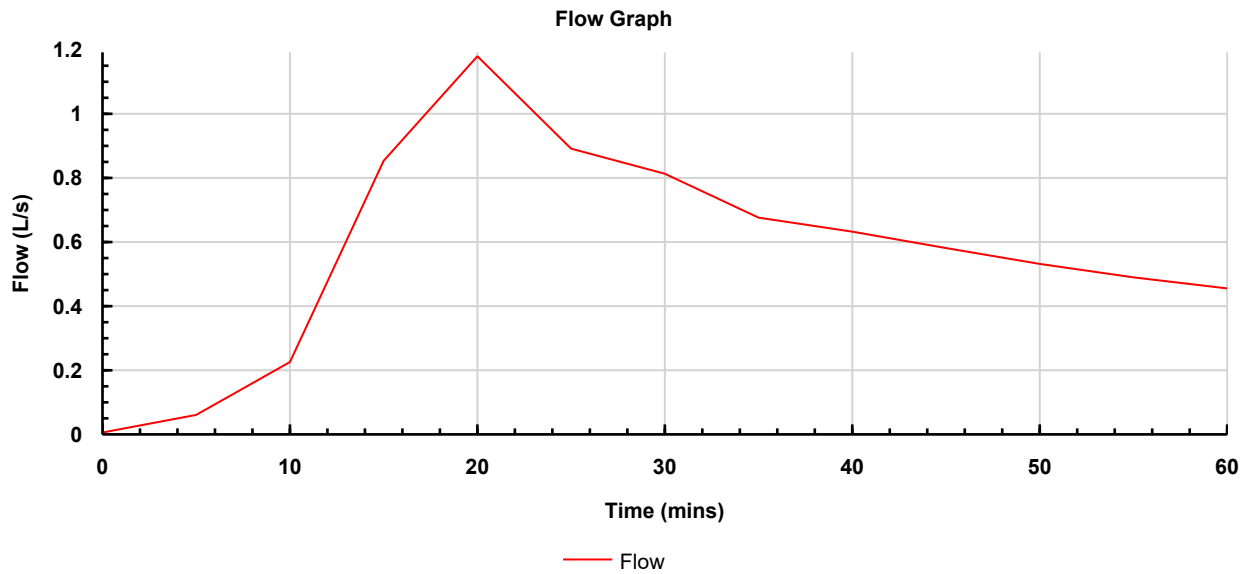


S.02-2.001

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 30 mins: Summer

Type : Pipe

Graphs



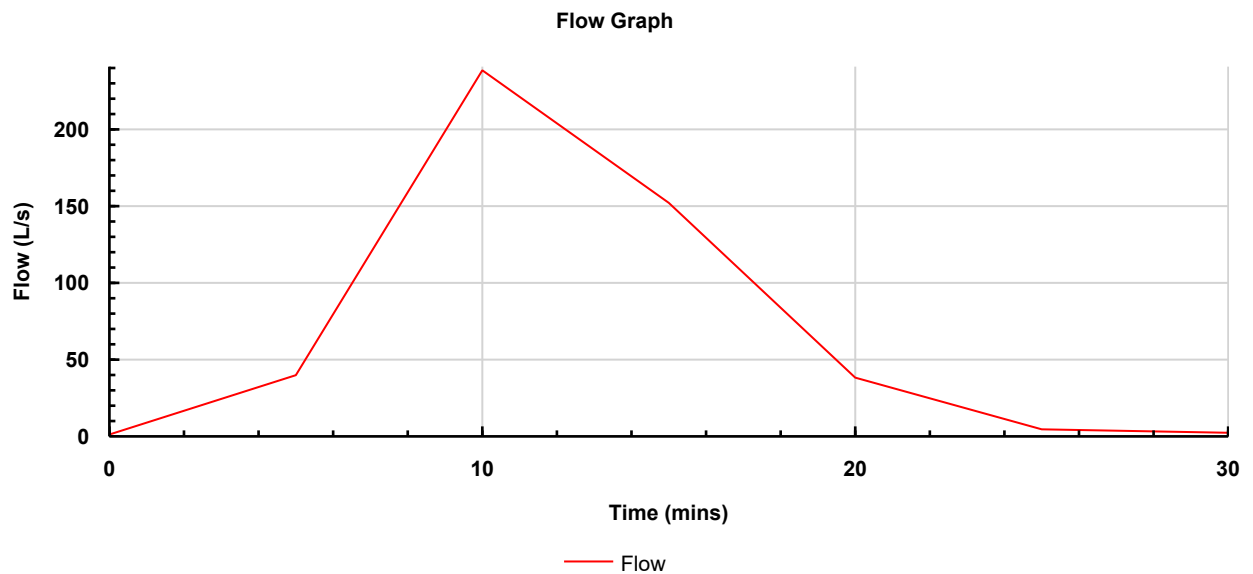
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.007
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



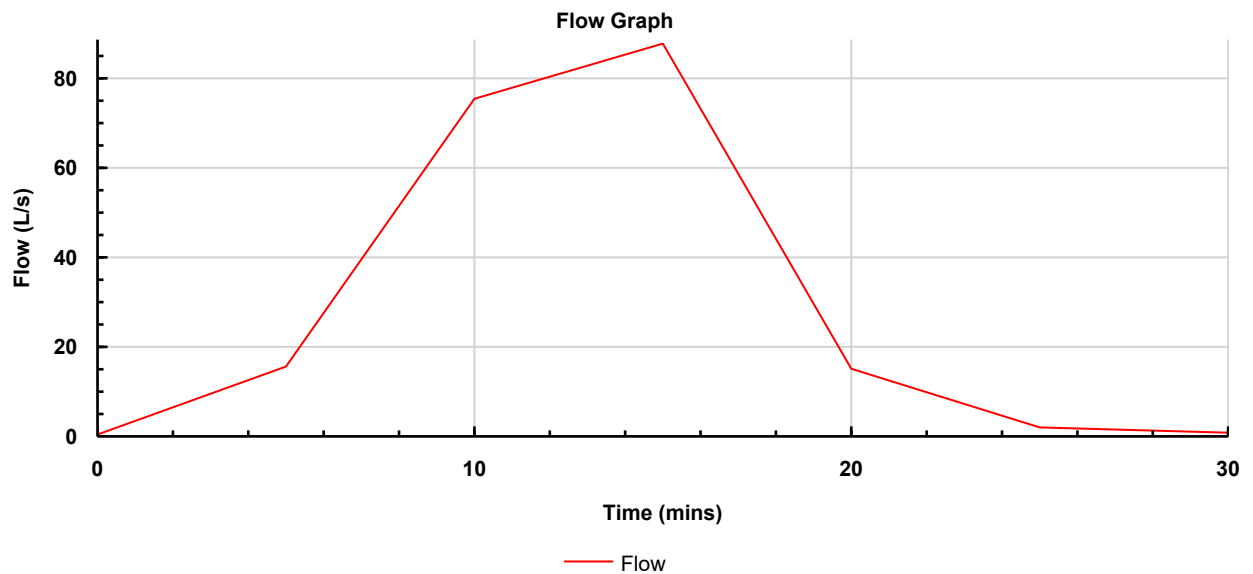
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.005
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations	Date: 28/08/2026		
	Designed by: YB	Checked by: TG	Approved By: TG
Report Details: Type: Connection Results Storm Phase: Unit 2- east	Company Address: Stantec Caversham Bridge House RG1 8DN		



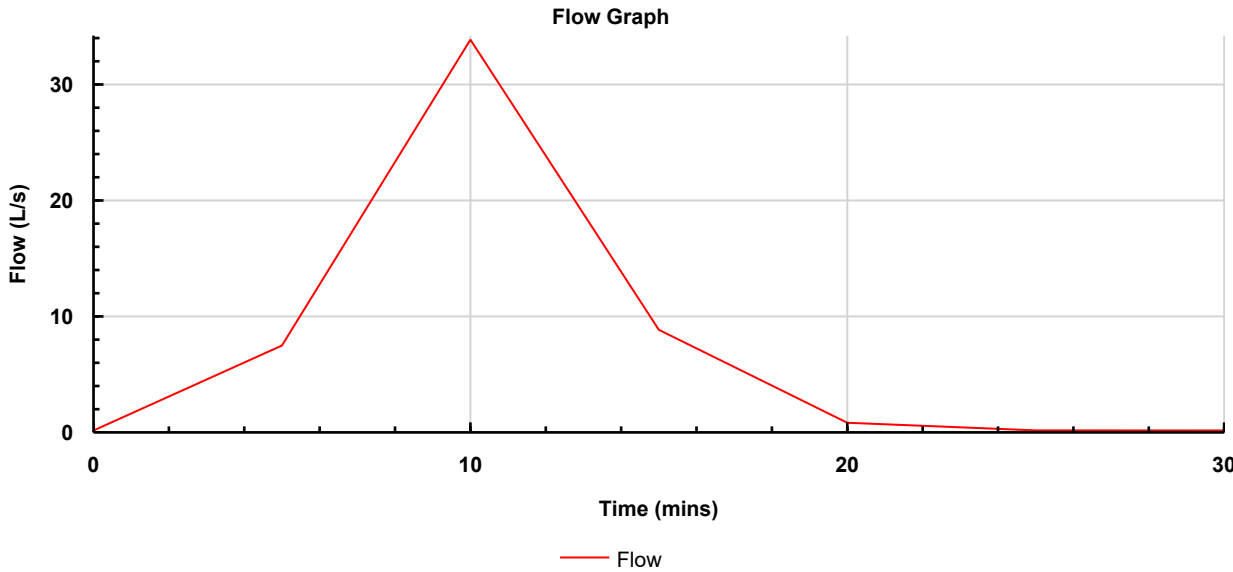
Stantec



S.02-1.001
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



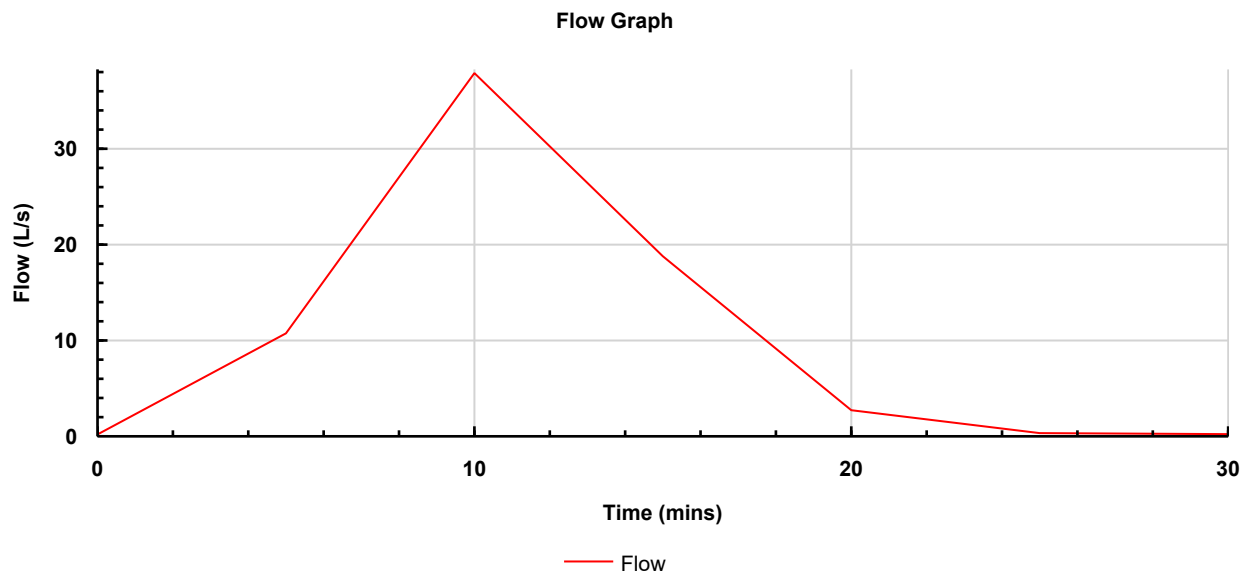
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.002
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Winter

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026		 Stantec	
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



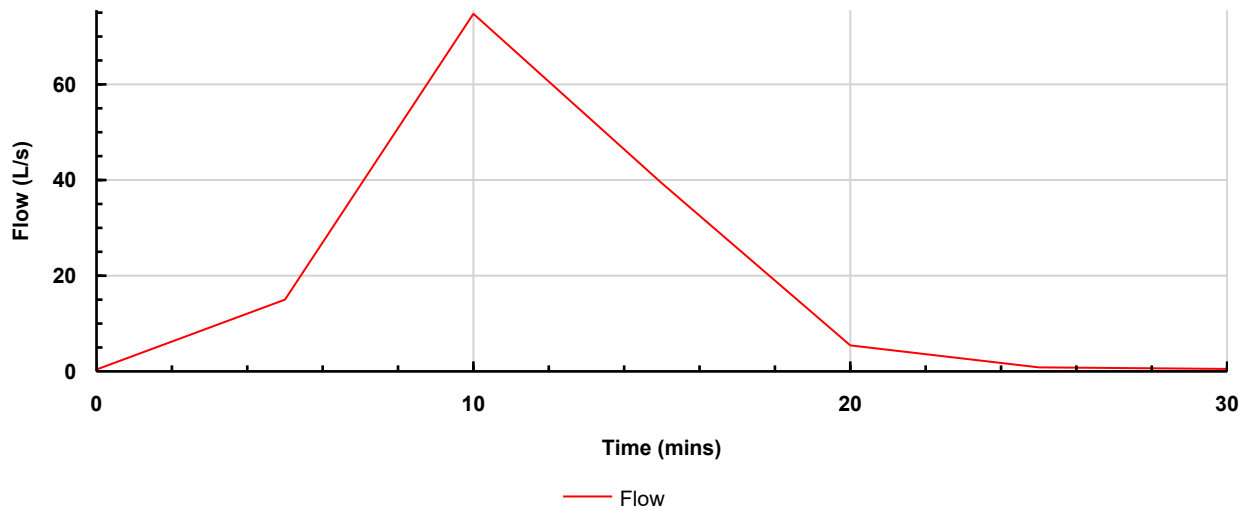
S.02-1.003

Critical Storm: Aldi Prescott: 30 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs

Flow Graph



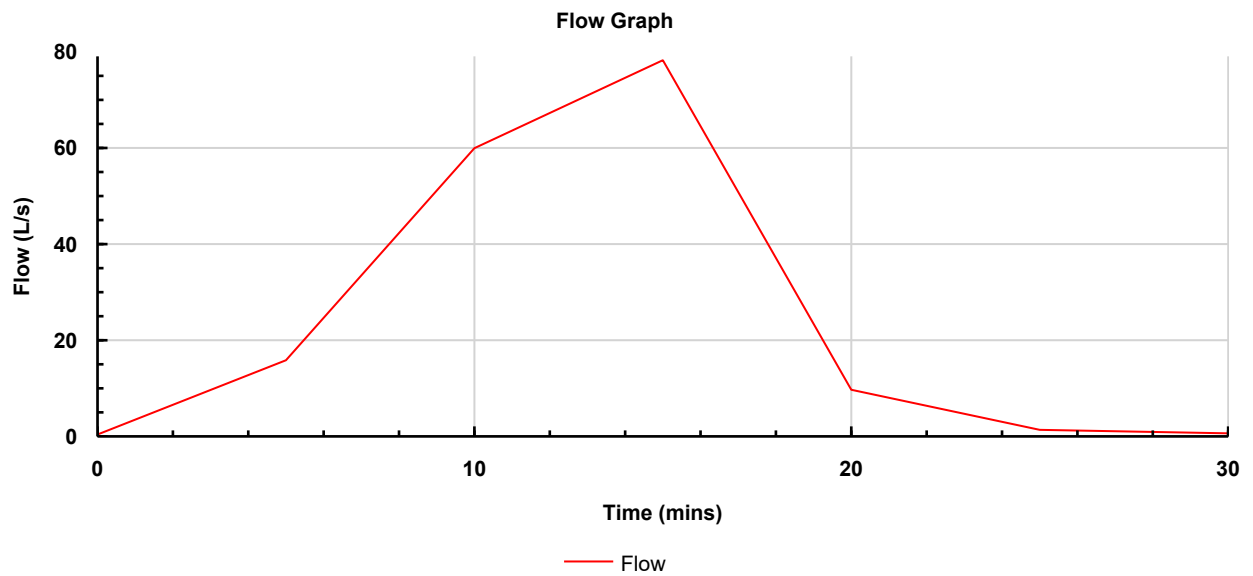
Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.004
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



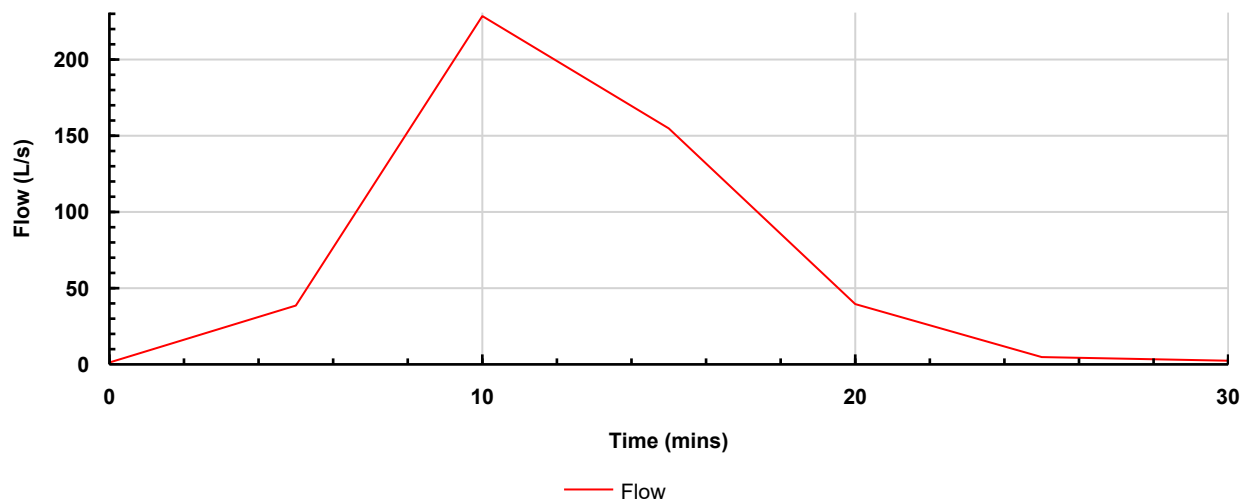
S.02-1.008

Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs

Flow Graph



Project: Aldi Stores Ltd Phase 1 - Mixed Use Development Proposed Surface Water Drainage Calculations		Date: 28/08/2026			
Report Details: Type: Connection Results Storm Phase: Unit 2- east		Designed by: YB	Checked by: TG		Approved By: TG
		Company Address: Stantec Caversham Bridge House RG1 8DN			



S.02-1.010
Critical Storm: Aldi Prescott: 100 years: Increase Rainfall (%): +30: 15 mins: Summer

Type : Pipe

Graphs

