

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Inflows Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Area Roof Rear Left

Type : Catchment Area

Area (ha)	0.072
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Dynamic Sizing

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



Area Roof L Front

Type : Catchment Area

Area (ha)	0.048
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Dynamic Sizing

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



Area Service Yard R

Type : Catchment Area

Area (ha)	0.168
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Dynamic Sizing

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

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Area Service Yard L

Type : Catchment Area

Area (ha)	0.06
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Dynamic Sizing

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



Area Roof Rear Right

Type : Catchment Area

Area (ha)	0.072
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Dynamic Sizing

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

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Report Details: Type: Junctions Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Sump Depth (m)	Chamber Shape
SMH-01	Manhole	345499.743	390271.917	29.100	1.000	28.100	0.000	Circular
SMH-02	Manhole	345453.782	390216.649	29.100	1.360	27.740	0.000	Circular
SMH-03	Manhole	345483.855	390191.641	29.100	1.625	27.475	0.000	Circular
SMH-04	Manhole	345499.107	390209.980	29.100	1.820	27.280	0.000	Circular
SMH-06	Manhole	345515.028	390196.738	28.775	2.200	26.575	0.300	Circular
Existing MH 01	Manhole	345521.278	390191.674	28.800	2.300	26.500	0.000	Circular

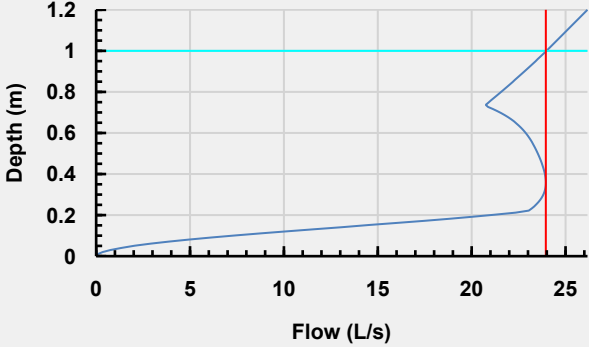
Name	Diameter (m)	Lock
SMH-01	1.000	None
SMH-02	1.000	None
SMH-03	1.000	None
SMH-04	1.500	None
SMH-06	1.500	None
Existing MH 01	1.200	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SMH-01	Inlet	Area Roof Rear Right	(None)	No Restriction
SMH-02	Inlet	Pipe 1.01 Area Roof Rear Left	(None)	No Restriction
SMH-03	Inlet	Pipe 1.02 Area Roof L Front	(None)	No Restriction
	Inlet (1)	Area Service Yard L	(None)	No Restriction
SMH-04	Inlet	Pipe 1.03 Pipe 2.01	(None)	No Restriction
	Inlet (1)	Area Service Yard R	(None)	No Restriction
SMH-06	Inlet	Pipe 3.01 Pipe 4.01 Pipe 5.01 Pipe 1.04	(None)	No Restriction
Existing MH 01	Inlet	Pipe Outfall	(None)	No Restriction

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Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SMH-01	Outlet	Pipe 1.01	Free Discharge
SMH-02	Outlet	Pipe 1.02	Free Discharge
SMH-03	Outlet	Pipe 1.03	Free Discharge
SMH-04	Outlet	Pipe 1.04	Free Discharge
SMH-06	Outlet	Pipe Outfall	Hydro-Brake®
	Invert Level (m)	27.175	
	Design Depth (m)	1.000	
	Design Flow (L/s)	24.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0215-2400-1000-2400	
			
Existing MH 01	Outlet	Existing 150	Free Discharge

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF					

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)
Pipe 1.01	71.881	Pipe	199.671		0.6	300	29.100	28.100
Pipe 1.02	39.112	Pipe	205.854		0.6	300	29.100	27.740
Pipe 1.03	23.853	Pipe	198.779		0.6	375	29.100	27.475
Branch: Pipe 2.01								
Pipe 2.01	54.436	Pipe	95.502		0.6	300	29.100	28.000
Pipe 1.04	20.709	Pipe	51.132		0.6	450	29.100	27.280
Branch: Offline Attenuation								
Offline Attenuation	48.738	Pipe	487.376		0.6	600	28.810	27.025
Pipe 5.01	4.682	Pipe	93.642		0.6	600	28.820	26.925
Branch: Pipe 3.01								
Pipe 3.01	50.417	Pipe	100.834		0.6	300	28.850	27.675
Branch: Pipe 4.01								
Pipe 4.01	21.369	Pipe	58.545		0.6	225	28.850	27.615
Pipe Outfall	8.043	Pipe	21.449		0.6	225	28.775	26.875

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
Pipe 1.01	29.100	27.740		None		(None)	(None)	0
Pipe 1.02	29.100	27.550		Levels		(None)	(None)	0
Pipe 1.03	29.100	27.355		Levels		(None)	(None)	0
Branch: Pipe 2.01								
Pipe 2.01	29.100	27.430		Levels		(None)	(None)	0
Pipe 1.04	28.775	26.875		None		(None)	(None)	0
Branch: Offline Attenuation								
Offline Attenuation	28.820	26.925		None		(None)	(None)	0
Pipe 5.01	28.775	26.875		None		(None)	(None)	0
Branch: Pipe 3.01								
Pipe 3.01	28.775	27.175		Levels		(None)	(None)	0
Branch: Pipe 4.01								
Pipe 4.01	28.775	27.250		Levels		(None)	(None)	0
Pipe Outfall	28.800	26.500		None	24.0	(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
Pipe 1.01		0		
Pipe 1.02		0		
Pipe 1.03		0		
Branch: Pipe 2.01				
Pipe 2.01		0		
Pipe 1.04		0		
Branch: Offline Attenuation				
Offline Attenuation		0		
Pipe 5.01		0		
Branch: Pipe 3.01				
Pipe 3.01		0		
Branch: Pipe 4.01				
Pipe 4.01		0		
Pipe Outfall		0		

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Area Roof Rear Right	SMH-01		Time of Concentration	0.072	100	0	100	0.072
Area Roof Rear Left	SMH-02		Time of Concentration	0.072	100	0	100	0.072
Area Roof L Front	SMH-03		Time of Concentration	0.048	100	0	100	0.048
Area Service Yard L	SMH-03		Time of Concentration	0.060	100	0	100	0.060
Branch: Pipe 2.01								
Area Roof R Front	SMH-05		Time of Concentration	0.096	100	0	100	0.096
Area Service Yard R	SMH-04		Time of Concentration	0.168	100	0	100	0.168
Branch: Offline Attenuation								
Branch: Pipe 3.01								
Branch: Pipe 4.01								
TOTAL		0.0		0.517				0.517

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Area Roof R Front

Type : Catchment Area

Area (ha)	0.096
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Dynamic Sizing

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



Area Service Yard R

Type : Catchment Area

Area (ha)	0.168
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Dynamic Sizing

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

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Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SMH-05	Manhole	345533.916	390251.833	29.100	1.100	28.000	Circular	1.000
SMH-04	Manhole	345499.107	390209.980	29.100	1.820	27.280	Circular	1.500

Name	Lock
SMH-05	None
SMH-04	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SMH-05	Inlet	Area Roof R Front	(None)	No Restriction
SMH-04	Inlet	Pipe 1.03 Pipe 2.01	(None)	No Restriction
	Inlet (1)	Area Service Yard R	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SMH-05	Outlet	Pipe 2.01	Free Discharge
SMH-04	Outlet	Pipe 1.04	Free Discharge

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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)
Pipe 2.01	54.436	Pipe	95.502		0.6	300	29.100	28.000

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
Pipe 2.01	29.100	27.430		Levels		(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
Pipe 2.01		0		

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Area Roof R Front	SMH-05		Time of Concentration	0.096	100	0	100	0.096
Area Service Yard R	SMH-04		Time of Concentration	0.168	100	0	100	0.168
TOTAL		0.0		0.264				0.264

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Report Details: Type: Junctions Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

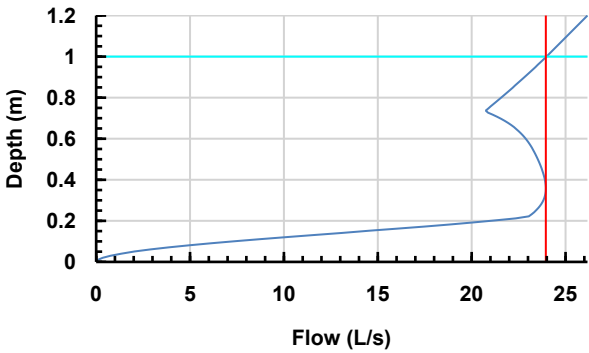
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Sump Depth (m)	Chamber Shape
SMH-08	Manhole	345547.269	390235.499	28.850	1.175	27.675	0.000	Circular
SMH-06	Manhole	345515.028	390196.738	28.775	2.200	26.575	0.300	Circular

Name	Diameter (m)	Lock
SMH-08	1.000	None
SMH-06	1.500	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SMH-06	Inlet	Pipe 3.01 Pipe 4.01 Pipe 5.01 Pipe 1.04	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SMH-08	Outlet	Pipe 3.01	Free Discharge
	Outlet	Pipe Outfall	Hydro-Brake®
	Invert Level (m)	27.175	
	Design Depth (m)	1.000	
	Design Flow (L/s)	24.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0215-2400-1000-2400	
SMH-06			

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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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)
Pipe 3.01	50.417	Pipe	100.834		0.6	300	28.850	27.675

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
Pipe 3.01	28.775	27.175		Levels		(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
Pipe 3.01		0		

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
TOTAL		0.0		0.00				0.00

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Report Details: Type: Junctions Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

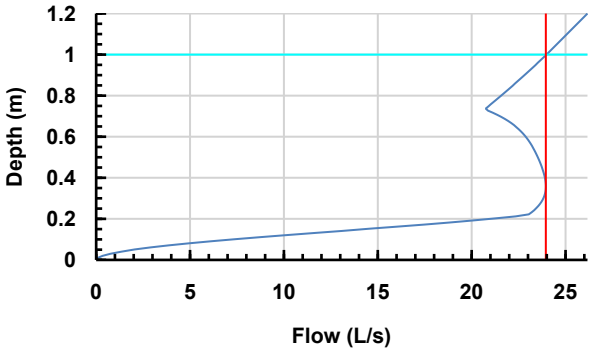
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Sump Depth (m)	Chamber Shape
SMH-07	Manhole	345501.363	390180.309	28.850	1.235	27.615	0.000	Circular
SMH-06	Manhole	345515.028	390196.738	28.775	2.200	26.575	0.300	Circular

Name	Diameter (m)	Lock
SMH-07	1.000	None
SMH-06	1.500	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SMH-06	Inlet	Pipe 3.01 Pipe 4.01 Pipe 5.01 Pipe 1.04	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
SMH-07	Outlet	Pipe 4.01	Free Discharge
	Outlet	Pipe Outfall	Hydro-Brake®
	Invert Level (m)	27.175	
	Design Depth (m)	1.000	
	Design Flow (L/s)	24.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0215-2400-1000-2400	
SMH-06			

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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)
Pipe 4.01	21.369	Pipe	58.545		0.6	225	28.850	27.615

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
Pipe 4.01	28.775	27.250		Levels		(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
Pipe 4.01		0		

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
TOTAL		0.0		0.00				0.00

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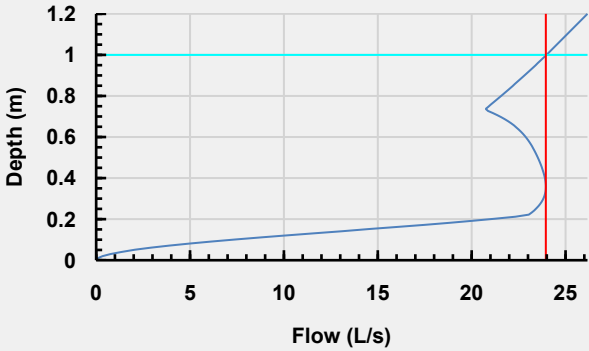
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Sump Depth (m)	Chamber Shape
Manhole Att Tank	Manhole	345546.345	390238.778	28.810	1.785	27.025	0.000	Circular
SW-MH AT 01	Manhole	345515.045	390201.420	28.820	1.895	26.925	0.000	Circular
SMH-06	Manhole	345515.028	390196.738	28.775	2.200	26.575	0.300	Circular

Name	Diameter (m)	Lock
Manhole Att Tank	1.200	None
SW-MH AT 01	1.500	None
SMH-06	1.500	None

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
SW-MH AT 01	Inlet	Offline Attenuation	(None)	No Restriction
SMH-06	Inlet	Pipe 3.01 Pipe 4.01 Pipe 5.01 Pipe 1.04	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
Manhole Att Tank	Outlet	Offline Attenuation	Free Discharge
SW-MH AT 01	Outlet	Pipe 5.01	Free Discharge
SMH-06	Outlet	Pipe Outfall	Hydro-Brake®
	Invert Level (m)	27.175	
	Design Depth (m)	1.000	
	Design Flow (L/s)	24.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0215-2400-1000-2400	
			

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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)
Offline Attenuation	48.738	Pipe	487.376		0.6	600	28.810	27.025
Pipe 5.01	4.682	Pipe	93.642		0.6	600	28.820	26.925

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)	Culvert Type	Culvert Entrance	Wall Thickness (mm)
Offline Attenuation	28.820	26.925		None		(None)	(None)	0
Pipe 5.01	28.775	26.875		None		(None)	(None)	0

Name	Material	Trench Width (mm)	Bedding Material	Surrounding Material
Offline Attenuation		0		
Pipe 5.01		0		

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
TOTAL		0.0		0.00				0.00

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Network Design Criteria Storm Phase: SW Drainage Design		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	☐
--------------	--------------------------

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Outfall Details Storm Phase: SW Drainage Design		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
Existing MH 02	Free Discharge			

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
Report Title: Rainfall Analysis Criteria	Designed by: MDJ	Checked by:	Approved By:	
Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF				

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)	200
Prefill Manhole Sumps	☒
Perform No Discharge Analysis	☐

Rainfall

FSR	Type: FSR
-----	-----------

Region	England And Wales
M5-60 (mm)	19.9
Ratio R	0.387
Summer	☒
Winter	☒

Return Period

Return Period (years)	Increase Rainfall (%)
100.0	0.000

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

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Inflows Summary Storm Phase: SW Drainage Design		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Inflow

Inflow	Storm Event	Inflow Area (ha)	Max. Inflow (L/s)	Total Inflow Volume (m³)
Area Roof Rear Left	FSR: 100 years: +0 %: 15 mins: Summer	0.07	40.4	17.523
Area Roof R Front	FSR: 100 years: +0 %: 15 mins: Summer	0.10	53.6	23.235
Area Roof L Front	FSR: 100 years: +0 %: 15 mins: Summer	0.05	27.1	11.736
Area Service Yard R	FSR: 100 years: +0 %: 15 mins: Summer	0.17	93.7	40.655
Area Service Yard L	FSR: 100 years: +0 %: 15 mins: Summer	0.06	33.4	14.479
Area Roof Rear Right	FSR: 100 years: +0 %: 15 mins: Summer	0.07	40.4	17.540

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junctions Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SMH-01	FSR: 100 years: +0 %: 15 mins: Summer	29.10 0	28.10 0	28.246	0.146	40.4	0.115	0.000	37.7	17.555	OK
SMH-02	FSR: 100 years: +0 %: 60 mins: Summer	29.10 0	27.74 0	28.194	0.454	67.8	0.357	0.000	46.7	65.807	Surcharged
SMH-03	FSR: 100 years: +0 %: 60 mins: Summer	29.10 0	27.47 5	28.205	0.730	81.6	0.573	0.000	87.1	122.904	Surcharged
SMH-04	FSR: 100 years: +0 %: 120 mins: Winter	29.10 0	27.28 0	28.522	1.242	138.7	2.195	0.000	83.1	261.920	Surcharged
SMH-06	FSR: 100 years: +0 %: 180 mins: Winter	28.77 5	26.57 5	28.400	1.825	803.7	3.225	0.000	23.9	453.681	Surcharged
Existing MH 01	FSR: 100 years: +0 %: 480 mins: Summer	28.80 0	26.50 0	27.263	0.763	24.0	0.863	0.000	23.9	276.918	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Connections Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Total Discharge Volume

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe 1.01	FSR: 100 years: +0 %: 1440 mins: Winter	Pipe	SMH-01	SMH-02	29.100	28.131	0.038	61.165	0.3	0.02	1.8	OK
Pipe 1.02	FSR: 100 years: +0 %: 1440 mins: Winter	Pipe	SMH-02	SMH-03	29.100	27.784	0.044	122.272	0.6	0.05	3.6	OK
Pipe 1.03	FSR: 100 years: +0 %: 1440 mins: Winter	Pipe	SMH-03	SMH-04	29.100	27.530	0.054	213.753	0.6	0.04	6.3	OK
Pipe 1.04	FSR: 100 years: +0 %: 1440 mins: Winter	Pipe	SMH-04	SMH-06	29.100	27.358	0.279	436.579	0.2	0.03	12.8	OK
Pipe Outfall	FSR: 100 years: +0 %: 1440 mins: Winter	Pipe	SMH-06	Existing MH 01	28.775	27.355	0.078	400.851	1.0	0.11	12.5	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junctions Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SMH-05	FSR: 100 years: +0 %: 60 mins: Summer	29.10 0	28.00 0	28.185	0.185	31.0	0.145	0.000	31.5	40.923	OK
SMH-04	FSR: 100 years: +0 %: 120 mins: Winter	29.10 0	27.28 0	28.522	1.242	138.7	2.195	0.000	83.1	261.920	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Connections Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Designed by: MDJ	Checked by:		Approved By:
Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF					



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Total Discharge Volume

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe 2.01	FSR: 100 years: +0 %: 1440 mins: Summer	Pipe	SMH-05	SMH-04	29.100	28.037	0.037	81.063	0.7	0.03	3.7	OK

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junctions Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SMH-08	FSR: 100 years: +0 %: 60 mins: Summer	28.850	27.675	28.101	0.426	7.4	0.334	0.000	42.9	11.844	Surcharged
SMH-06	FSR: 100 years: +0 %: 180 mins: Winter	28.775	26.575	28.400	1.825	803.7	3.225	0.000	23.9	453.681	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Connections Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Designed by: MDJ	Checked by:		Approved By:
Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF					



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Total Discharge Volume

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe 3.01	FSR: 100 years: +0 %: 60 mins: Summer	Pipe	SMH-08	SMH-06	28.850	28.101	0.300	2.424	0.6	0.39	42.9	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junctions Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SMH-07	FSR: 100 years: +0 %: 120 mins: Winter	28.850	27.615	28.181	0.566	22.4	0.445	0.000	4.9	4.850	Surcharged
SMH-06	FSR: 100 years: +0 %: 180 mins: Winter	28.775	26.575	28.400	1.825	803.7	3.225	0.000	23.9	453.681	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Connections Summary Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0		Designed by: MDJ	Checked by:		Approved By:
Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF					



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Total Discharge Volume

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Pipe 4.01	FSR: 100 years: +0 %: 60 mins: Summer	Pipe	SMH-07	SMH-06	28.850	27.968	0.225	1.827	0.9	0.52	35.3	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junctions Summary Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
Manhole Att Tank	FSR: 100 years: +0 %: 240 mins: Summer	28.81 0	27.02 5	27.870	0.845	79.7	0.956	0.000	277.4	177.173	Surcharged
SW-MH AT 01	FSR: 100 years: +0 %: 60 mins: Summer	28.82 0	26.92 5	27.880	0.955	1496.5	1.687	0.000	21.2	589.484	Surcharged
SMH-06	FSR: 100 years: +0 %: 180 mins: Winter	28.77 5	26.57 5	28.400	1.825	803.7	3.225	0.000	23.9	453.681	Surcharged

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Connections Summary Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Total Discharge Volume

Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
Offline Attenuation	FSR: 100 years: +0 %: 60 mins: Summer	Pipe	Manhole Att Tank	SW-MH AT 01	28.810	27.772	0.600	101.182	0.3	0.24	595.5	Surcharged
Pipe 5.01	FSR: 100 years: +0 %: 15 mins: Summer	Pipe	SW-MH AT 01	SMH-06	28.820	27.494	0.593	0.000	0.1	0.03	19.4	OK

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Phase Management Storm Phase: SW Drainage Design	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



SW Drainage Design
FSR: 100 years: Increase Rainfall (%): +0: 480 mins: Summer

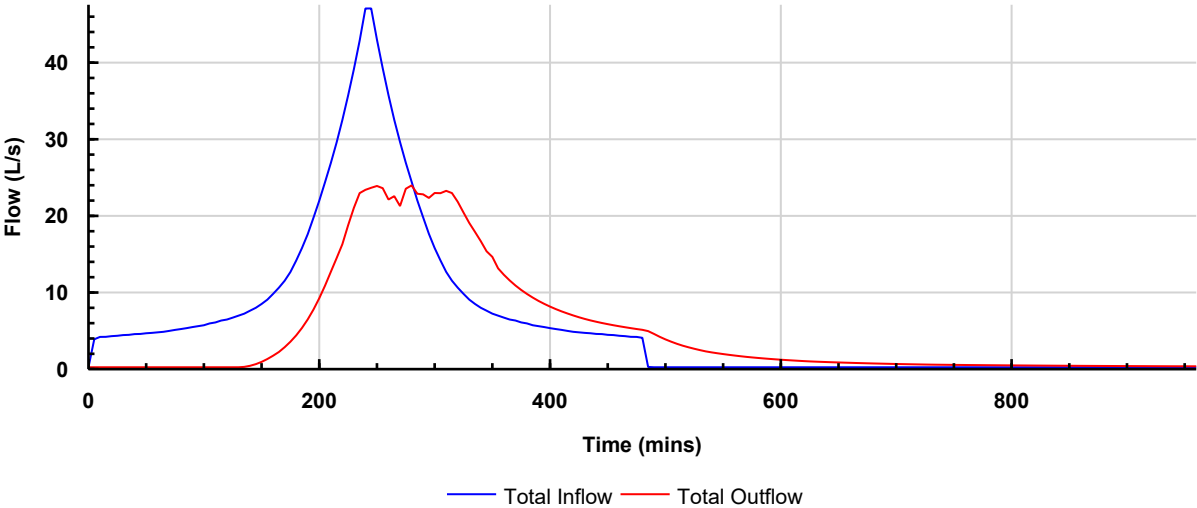
Simulation Health - The results show flow continuity issues, please try a shorter time step.

Tables

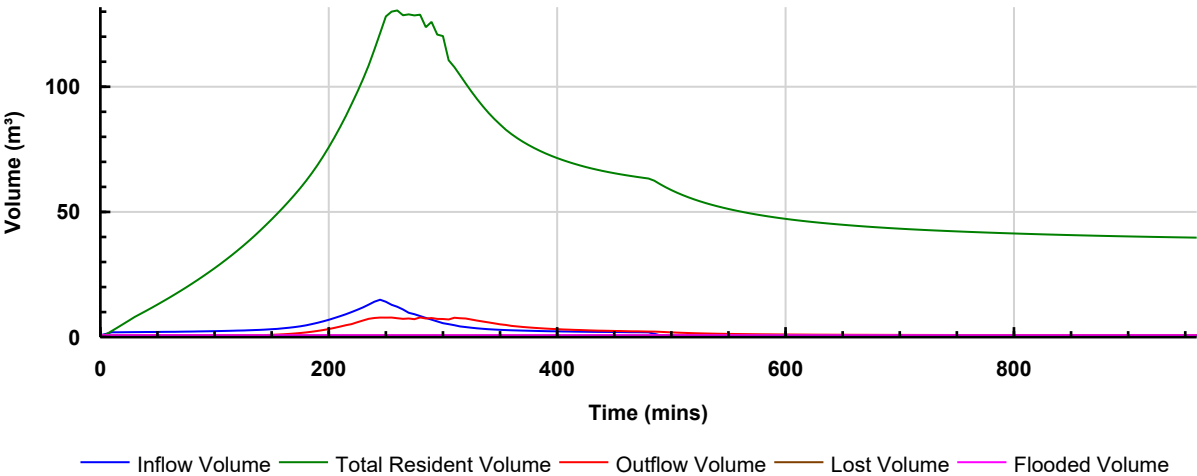
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
Existing MH 02			23.9	276.918
TOTAL	47.1	347.089	23.9	276.918

Graphs

Flow Graph



Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Area Roof Rear Left

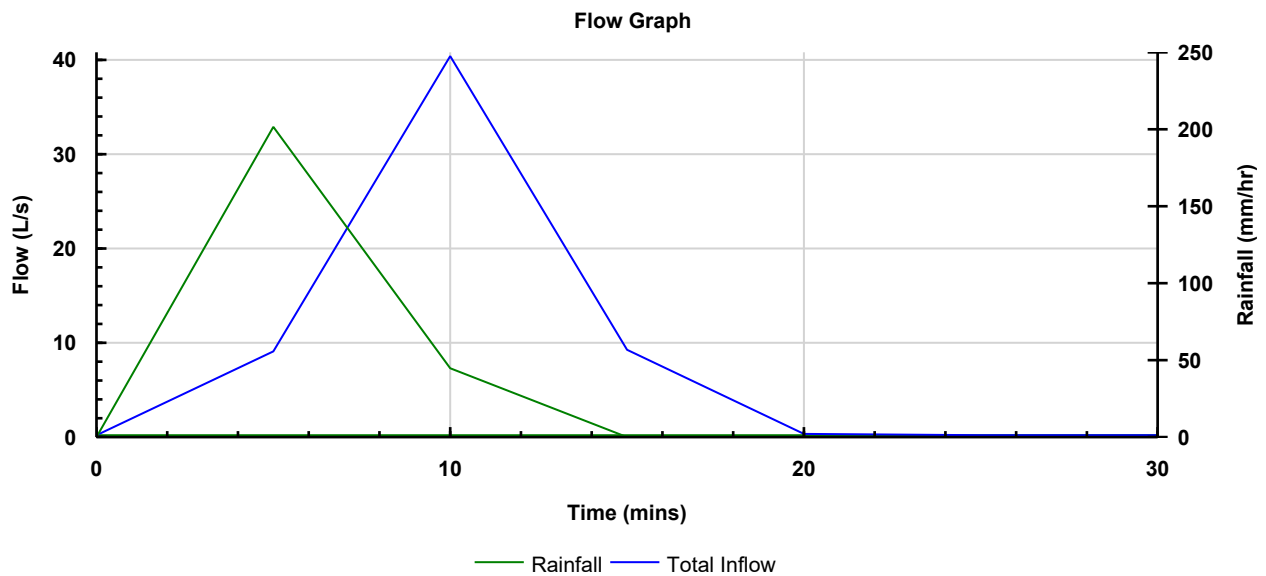
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	40.4
Total Inflow Volume (m³)	17.523

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Area Roof L Front

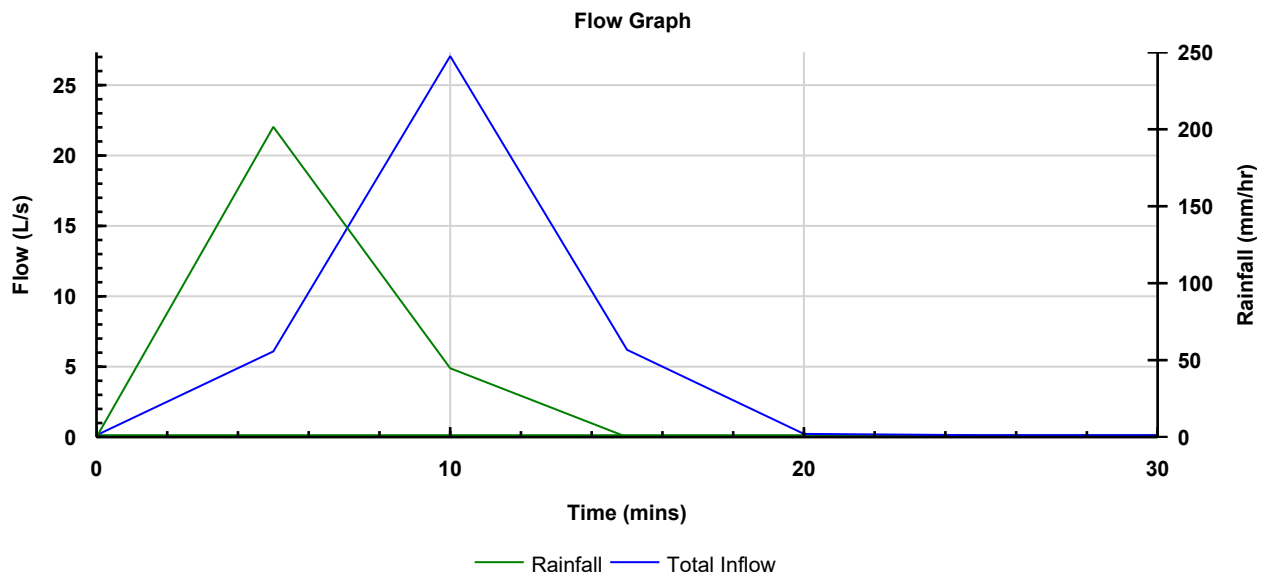
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	27.1
Total Inflow Volume (m³)	11.736

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Area Service Yard R

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

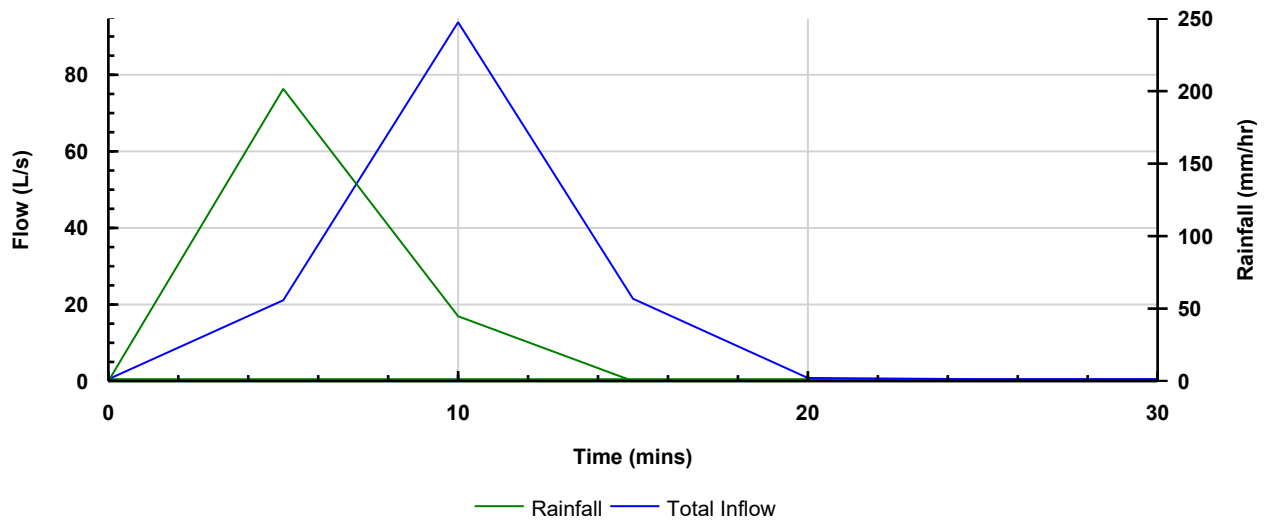
Type : Catchment Area

Inflow

Max. Inflow (L/s)	93.7
Total Inflow Volume (m³)	40.655

Graphs

Flow Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Area Service Yard L

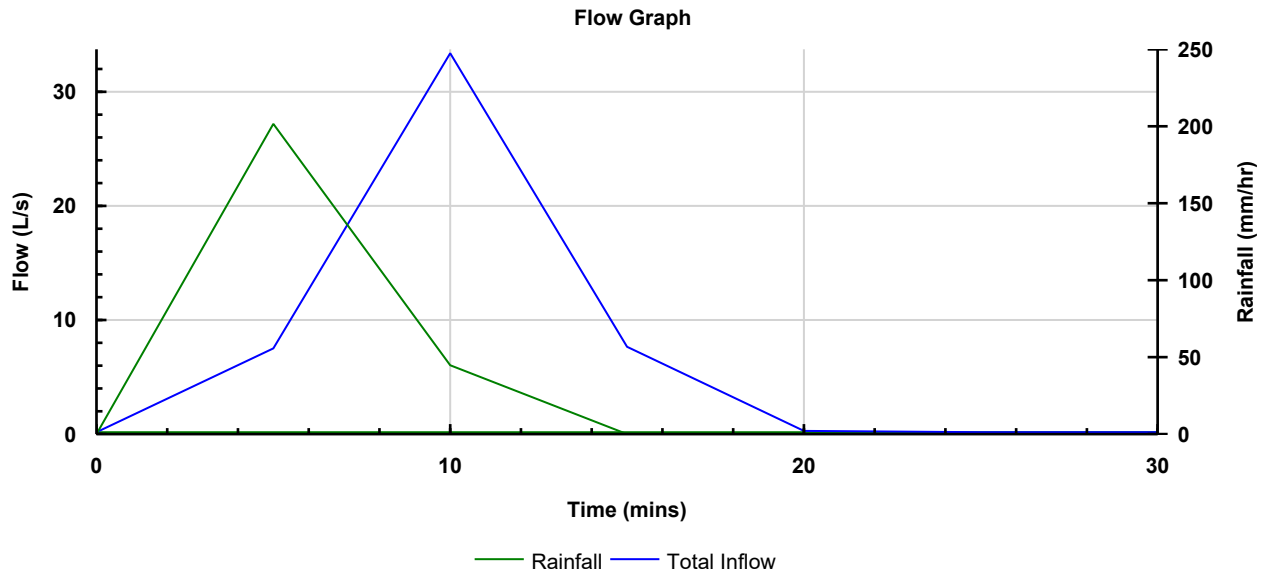
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	33.4
Total Inflow Volume (m³)	14.479

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Area Roof Rear Right

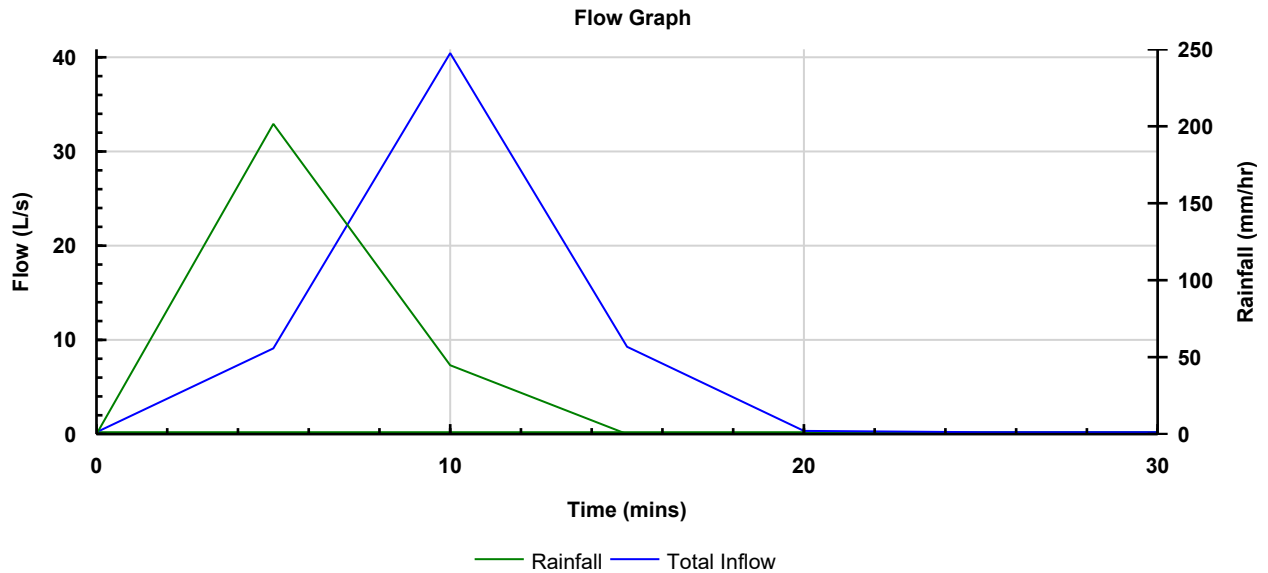
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	40.4
Total Inflow Volume (m³)	17.540

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

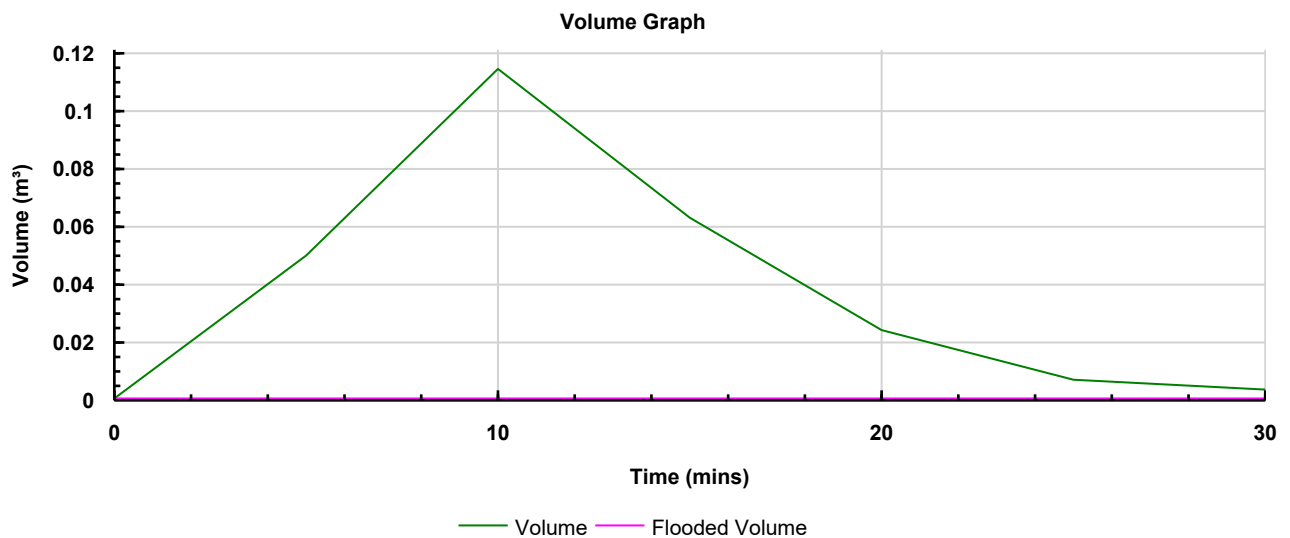
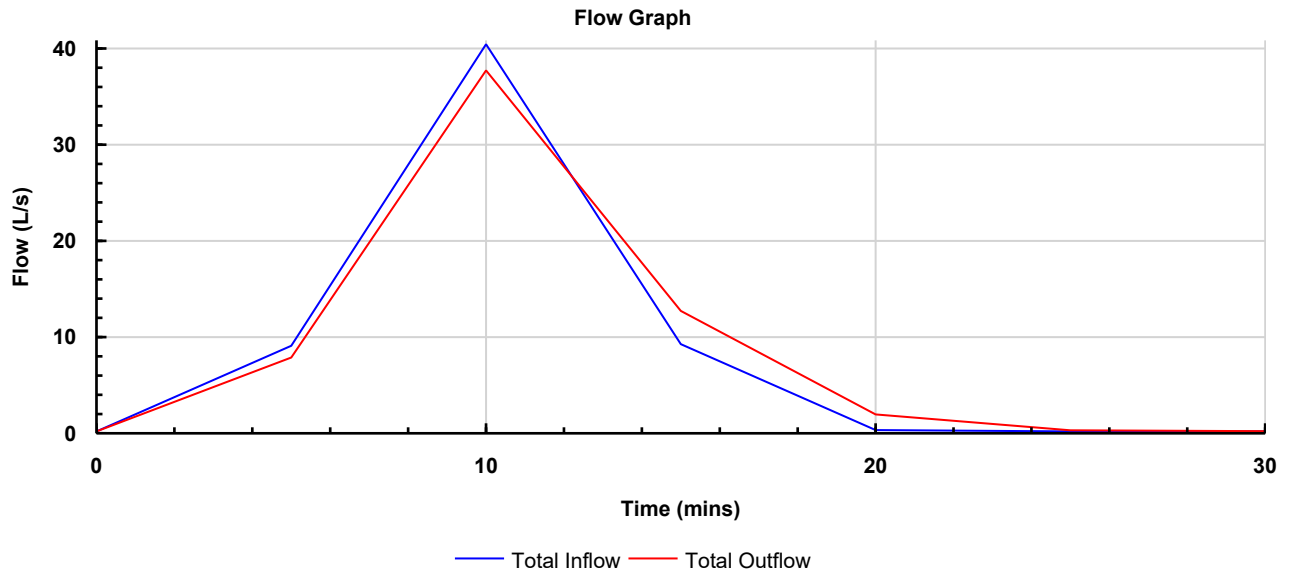


SMH-01

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

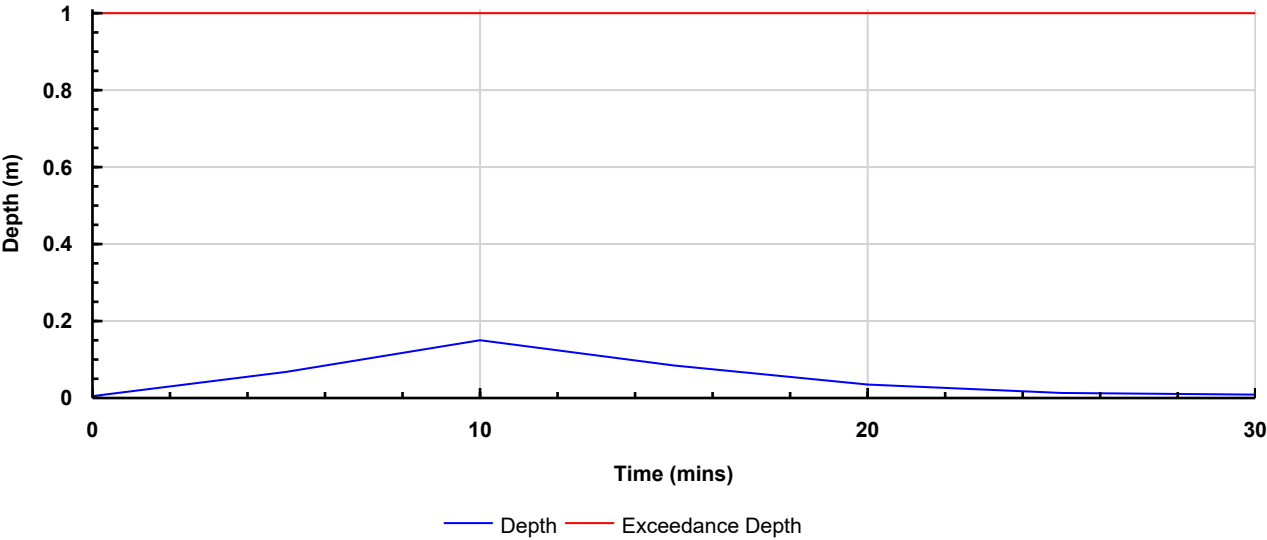
Type : Manhole

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	8.9	8.9	8.9	0.063	0.050	0.000	7.7
10	40.4	40.4	40.4	0.146	0.115	0.000	37.7
15	9.1	9.1	9.1	0.080	0.063	0.000	12.6
20	0.1	0.1	0.1	0.030	0.024	0.000	1.8
25	0.0	0.0	0.0	0.008	0.007	0.000	0.1
30	0.0	0.0	0.0	0.004	0.003	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
0	0.0
5	7.7
10	37.7
15	12.6
20	1.8
25	0.1
30	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



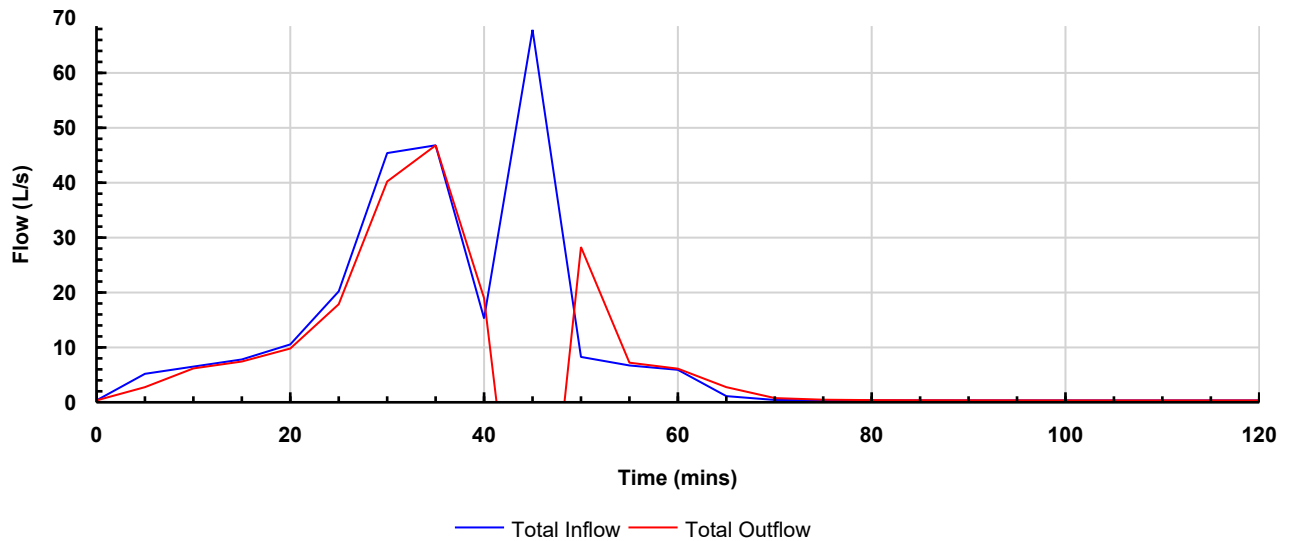
SMH-02

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

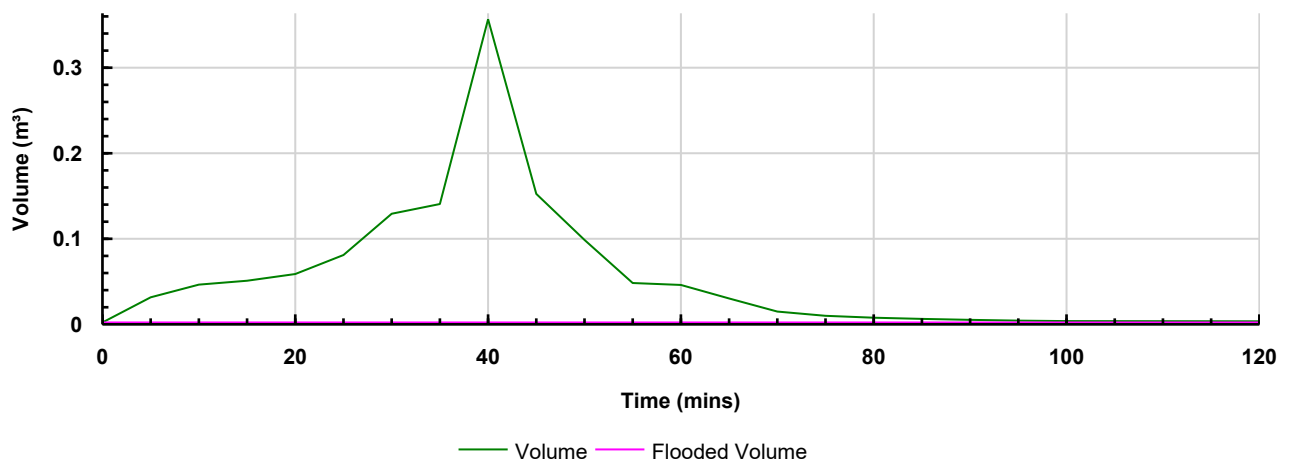
Type : Manhole

Graphs

Flow Graph

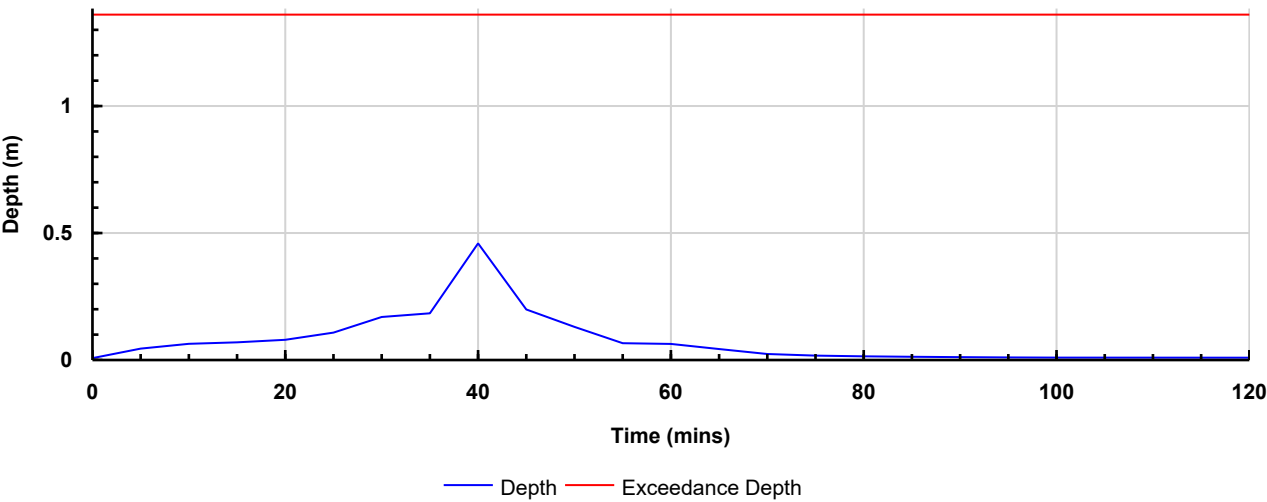


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	4.9	4.9	4.9	0.038	0.030	0.000	2.4
10	6.2	6.2	6.2	0.057	0.044	0.000	5.9
15	7.5	7.5	7.5	0.063	0.049	0.000	7.1
20	10.2	10.2	10.2	0.073	0.057	0.000	9.5
25	20.0	20.0	20.0	0.101	0.079	0.000	17.6
30	45.3	45.3	45.3	0.163	0.128	0.000	40.1
35	46.7	46.7	46.7	0.177	0.139	0.000	46.7
40	15.0	15.0	15.0	0.454	0.357	0.000	18.7
45	12.6	12.6	67.8	0.193	0.151	0.000	-55.2
50	8.0	8.0	8.0	0.124	0.097	0.000	28.1
55	6.4	6.4	6.4	0.059	0.046	0.000	6.9
60	5.6	5.6	5.6	0.056	0.044	0.000	5.8
65	0.8	0.8	0.8	0.036	0.028	0.000	2.4
70	0.1	0.1	0.1	0.016	0.013	0.000	0.4
75	0.0	0.0	0.0	0.010	0.008	0.000	0.1
80	0.0	0.0	0.0	0.007	0.006	0.000	0.1
85	0.0	0.0	0.0	0.005	0.004	0.000	0.0
90	0.0	0.0	0.0	0.004	0.003	0.000	0.0
95	0.0	0.0	0.0	0.003	0.002	0.000	0.0
100	0.0	0.0	0.0	0.002	0.002	0.000	0.0
105	0.0	0.0	0.0	0.002	0.002	0.000	0.0
110	0.0	0.0	0.0	0.002	0.001	0.000	0.0
115	0.0	0.0	0.0	0.002	0.001	0.000	0.0
120	0.0	0.0	0.0	0.002	0.001	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
	Report Details:			
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
0	0.0
5	2.4
10	5.9
15	7.1
20	9.5
25	17.6
30	40.1
35	46.7
40	18.7
45	-55.2
50	28.1
55	6.9
60	5.8
65	2.4
70	0.4
75	0.1
80	0.1
85	0.0
90	0.0
95	0.0
100	0.0
105	0.0
110	0.0
115	0.0
120	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

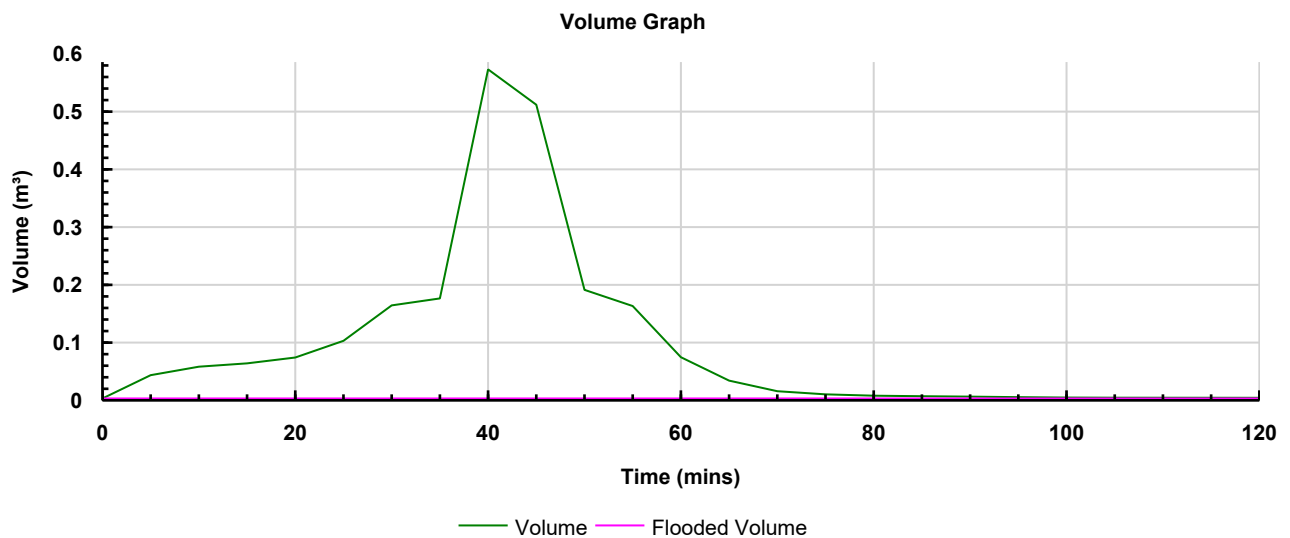
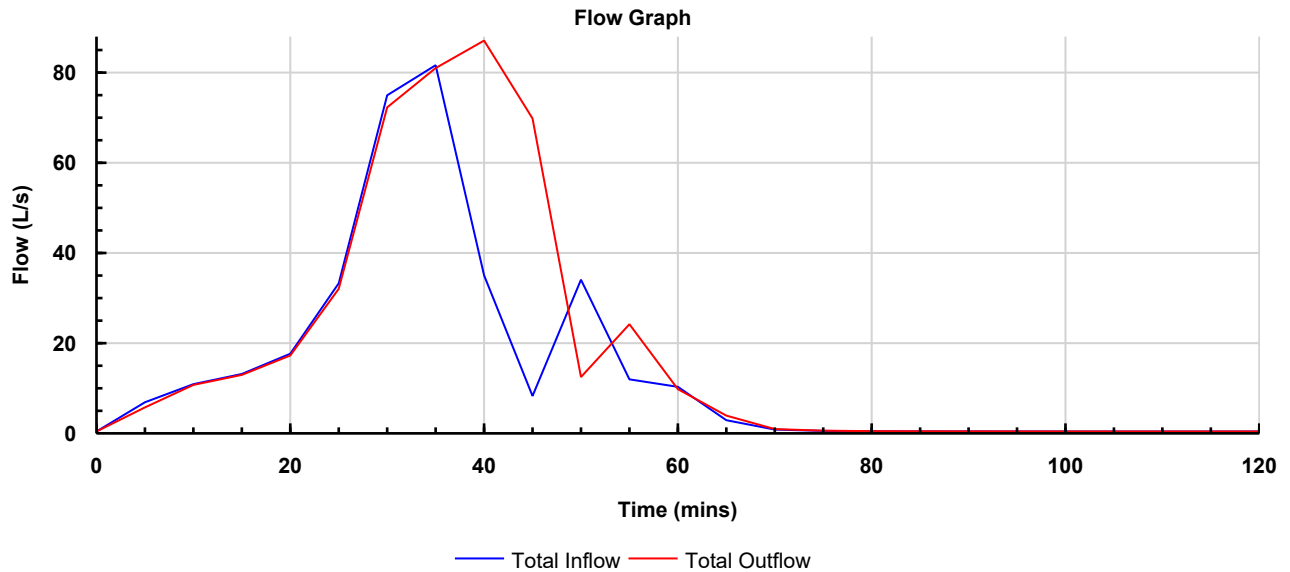


SMH-03

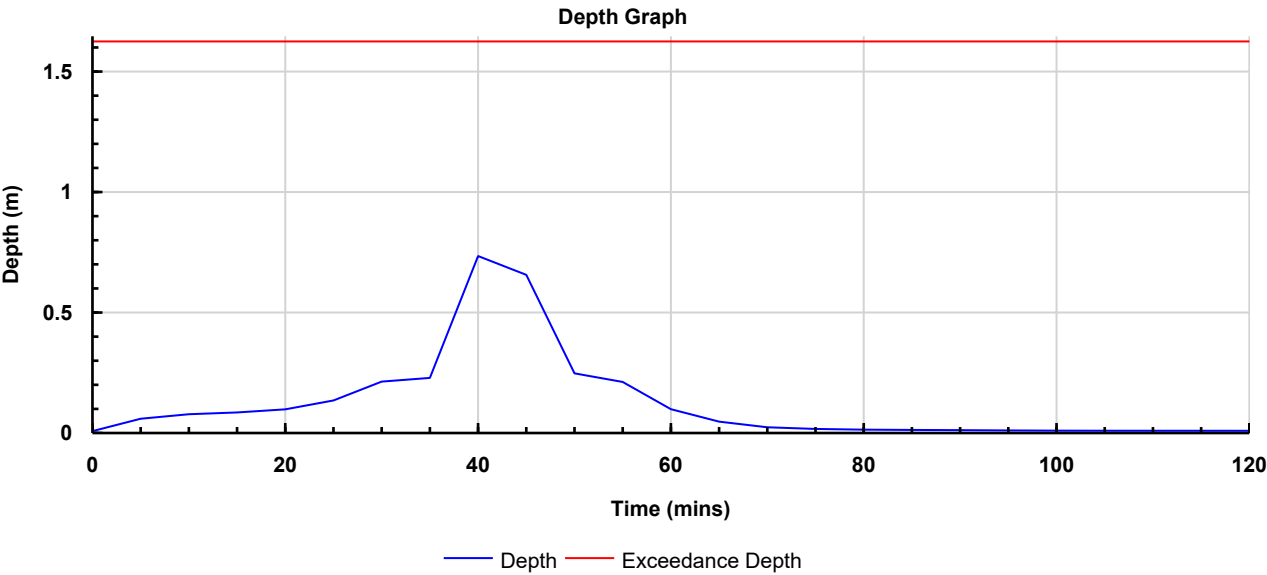
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

Type : Manhole

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	6.5	4.3	2.3	6.5	0.052	0.041	0.000
10	10.5	8.0	2.6	10.5	0.070	0.055	0.000
15	12.8	9.7	3.1	12.8	0.078	0.061	0.000
20	17.3	13.0	4.3	17.3	0.091	0.071	0.000
25	33.0	24.5	8.5	33.0	0.128	0.100	0.000
30	74.9	55.7	19.2	74.9	0.206	0.162	0.000
35	81.6	62.3	19.3	81.6	0.222	0.174	0.000
40	34.8	25.9	8.9	34.8	0.730	0.573	0.000
45	-47.3	-51.7	4.4	7.9	0.652	0.512	0.000
50	33.8	30.7	3.2	33.8	0.241	0.189	0.000
55	11.6	9.0	2.6	11.6	0.205	0.161	0.000
60	9.9	7.7	2.3	9.9	0.092	0.072	0.000
65	2.5	2.5	0.0	2.5	0.040	0.031	0.000
70	0.4	0.4	0.0	0.4	0.016	0.013	0.000
75	0.1	0.1	0.0	0.1	0.009	0.007	0.000
80	0.1	0.1	0.0	0.1	0.006	0.005	0.000
85	0.0	0.0	0.0	0.0	0.005	0.004	0.000
90	0.0	0.0	0.0	0.0	0.004	0.003	0.000
95	0.0	0.0	0.0	0.0	0.003	0.002	0.000
100	0.0	0.0	0.0	0.0	0.002	0.002	0.000
105	0.0	0.0	0.0	0.0	0.002	0.001	0.000
110	0.0	0.0	0.0	0.0	0.002	0.001	0.000
115	0.0	0.0	0.0	0.0	0.002	0.001	0.000
120	0.0	0.0	0.0	0.0	0.001	0.001	0.000

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0
5	5.4	5.4
10	10.4	10.4
15	12.6	12.6
20	16.9	16.9
25	31.8	31.8
30	72.2	72.2
35	81.0	81.0
40	87.1	87.1
45	69.7	69.7
50	12.1	12.1
55	23.9	23.9
60	9.4	9.4
65	3.5	3.5
70	0.5	0.5
75	0.2	0.2
80	0.1	0.1
85	0.0	0.0
90	0.0	0.0
95	0.0	0.0
100	0.0	0.0
105	0.0	0.0
110	0.0	0.0
115	0.0	0.0
120	0.0	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



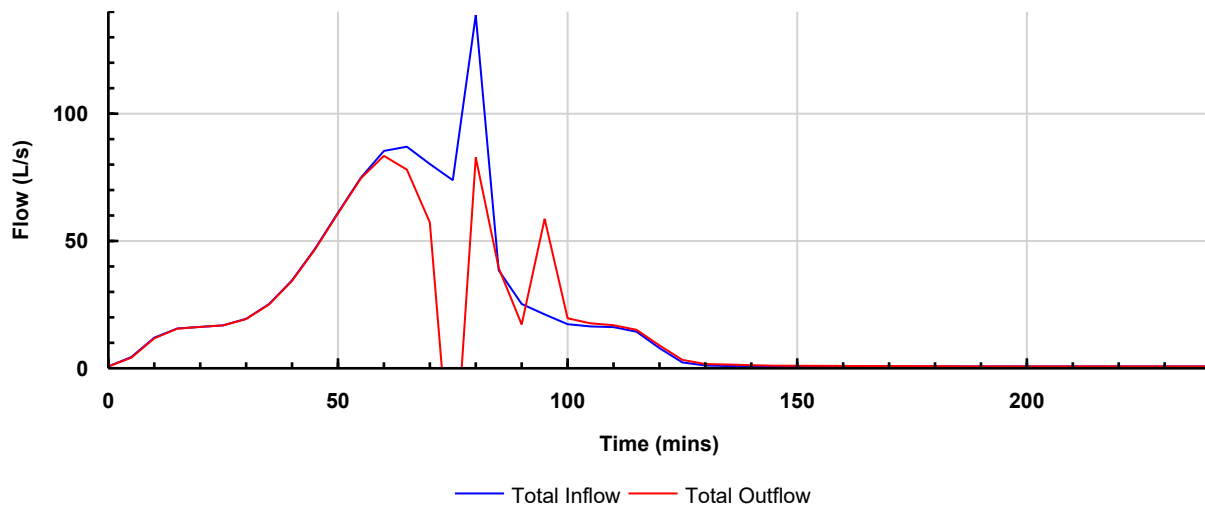
SMH-04

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 120 mins: Winter

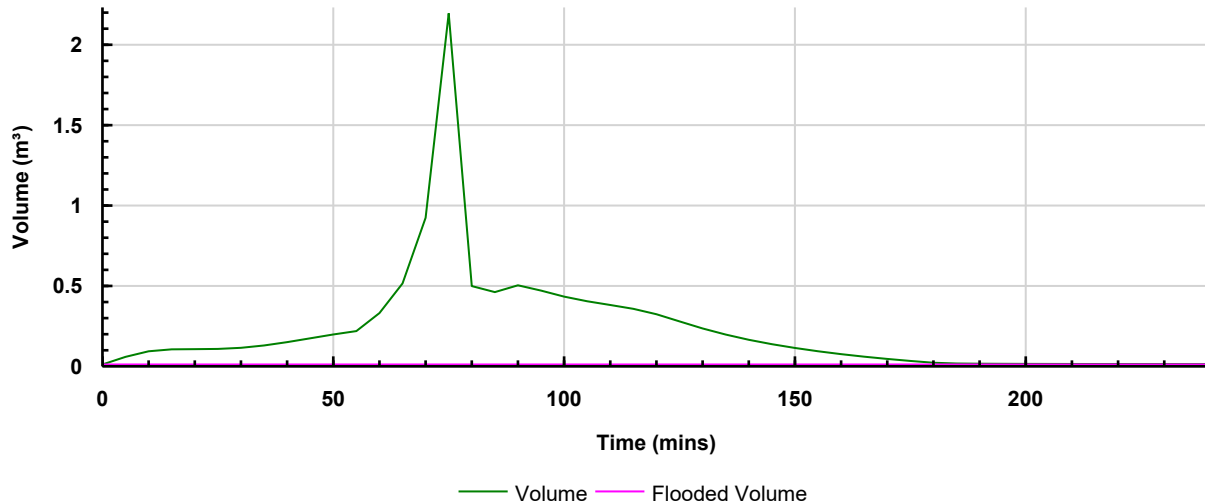
Type : Manhole

Graphs

Flow Graph

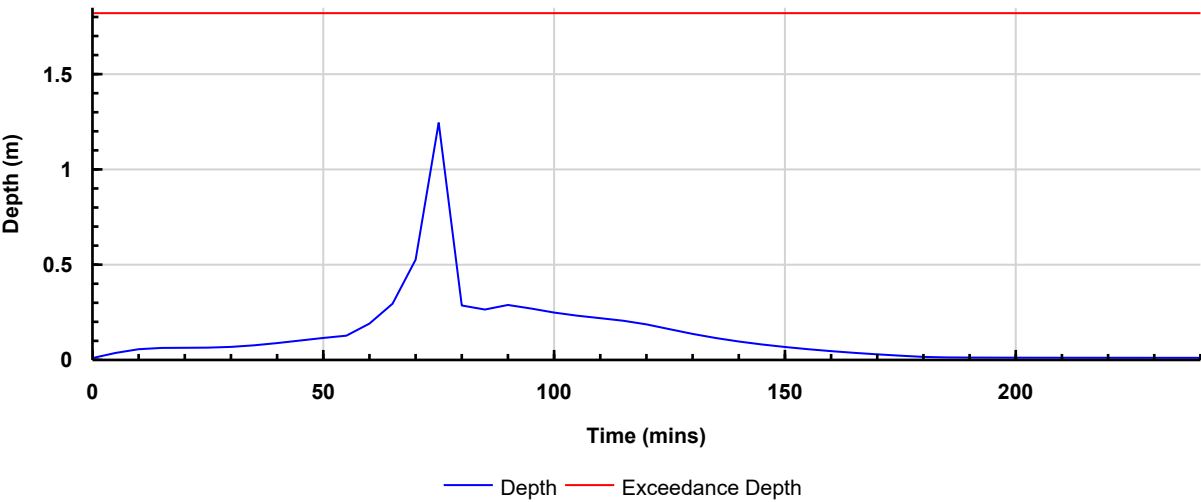


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	3.7	1.8	1.8	3.7	0.027	0.048	0.000
10	11.4	7.1	4.3	11.4	0.047	0.082	0.000
15	15.0	9.9	5.0	15.0	0.054	0.095	0.000
20	15.6	10.5	5.1	15.6	0.054	0.096	0.000
25	16.2	10.9	5.3	16.2	0.055	0.097	0.000
30	18.8	12.5	6.3	18.8	0.059	0.104	0.000
35	24.6	16.2	8.4	24.6	0.067	0.119	0.000
40	34.0	22.4	11.6	34.0	0.079	0.140	0.000
45	46.5	30.7	15.7	46.5	0.093	0.163	0.000
50	60.7	40.3	20.4	60.7	0.106	0.187	0.000
55	74.5	49.7	24.8	74.5	0.118	0.209	0.000
60	85.1	57.0	28.1	85.1	0.182	0.321	0.000
65	86.7	58.7	28.1	86.7	0.287	0.507	0.000
70	79.9	55.0	24.9	79.9	0.519	0.917	0.000
75	-55.7	-76.1	20.4	73.5	1.242	2.195	0.000
80	138.7	122.9	15.8	138.7	0.277	0.490	0.000
85	37.9	26.2	11.8	37.9	0.256	0.452	0.000
90	24.6	16.2	8.5	24.6	0.280	0.495	0.000
95	20.5	14.2	6.4	20.5	0.261	0.462	0.000
100	16.7	11.4	5.3	16.7	0.240	0.424	0.000
105	15.8	10.7	5.1	15.8	0.224	0.395	0.000
110	15.5	10.5	5.0	15.5	0.210	0.372	0.000
115	13.7	9.4	4.3	13.7	0.197	0.348	0.000
120	7.2	5.3	1.9	7.2	0.178	0.314	0.000
125	1.6	1.6	0.0	1.6	0.152	0.269	0.000
130	0.4	0.4	0.0	0.4	0.127	0.225	0.000
135	0.1	0.1	0.0	0.1	0.106	0.187	0.000
140	0.1	0.1	0.0	0.1	0.087	0.154	0.000
145	0.0	0.0	0.0	0.0	0.072	0.127	0.000
150	0.0	0.0	0.0	0.0	0.058	0.103	0.000
155	0.0	0.0	0.0	0.0	0.047	0.083	0.000
160	0.0	0.0	0.0	0.0	0.037	0.065	0.000
165	0.0	0.0	0.0	0.0	0.028	0.049	0.000
170	0.0	0.0	0.0	0.0	0.020	0.035	0.000
175	0.0	0.0	0.0	0.0	0.012	0.022	0.000
180	0.0	0.0	0.0	0.0	0.006	0.011	0.000
185	0.0	0.0	0.0	0.0	0.003	0.006	0.000
190	0.0	0.0	0.0	0.0	0.003	0.005	0.000
195	0.0	0.0	0.0	0.0	0.002	0.004	0.000
200	0.0	0.0	0.0	0.0	0.002	0.004	0.000
205	0.0	0.0	0.0	0.0	0.002	0.003	0.000
210	0.0	0.0	0.0	0.0	0.002	0.003	0.000
215	0.0	0.0	0.0	0.0	0.002	0.003	0.000
220	0.0	0.0	0.0	0.0	0.002	0.003	0.000
225	0.0	0.0	0.0	0.0	0.001	0.003	0.000
230	0.0	0.0	0.0	0.0	0.001	0.002	0.000
235	0.0	0.0	0.0	0.0	0.001	0.002	0.000
240	0.0	0.0	0.0	0.0	0.001	0.002	0.000

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0
5	3.4	3.4
10	11.1	11.1
15	14.9	14.9
20	15.6	15.6
25	16.2	16.2
30	18.7	18.7
35	24.5	24.5
40	33.8	33.8
45	46.2	46.2
50	60.4	60.4
55	74.3	74.3
60	83.1	83.1
65	77.7	77.7
70	56.9	56.9
75	-53.1	-53.1
80	82.5	82.5
85	38.8	38.8
90	16.6	16.6
95	58.3	58.3
100	19.0	19.0
105	17.0	17.0
110	16.3	16.3
115	14.5	14.5
120	8.3	8.3
125	2.6	2.6
130	0.9	0.9
135	0.7	0.7
140	0.5	0.5
145	0.3	0.3
150	0.3	0.3
155	0.2	0.2
160	0.2	0.2
165	0.1	0.1
170	0.1	0.1
175	0.1	0.1
180	0.1	0.1
185	0.0	0.0
190	0.0	0.0
195	0.0	0.0
200	0.0	0.0
205	0.0	0.0
210	0.0	0.0
215	0.0	0.0
220	0.0	0.0
225	0.0	0.0
230	0.0	0.0
235	0.0	0.0
240	0.0	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



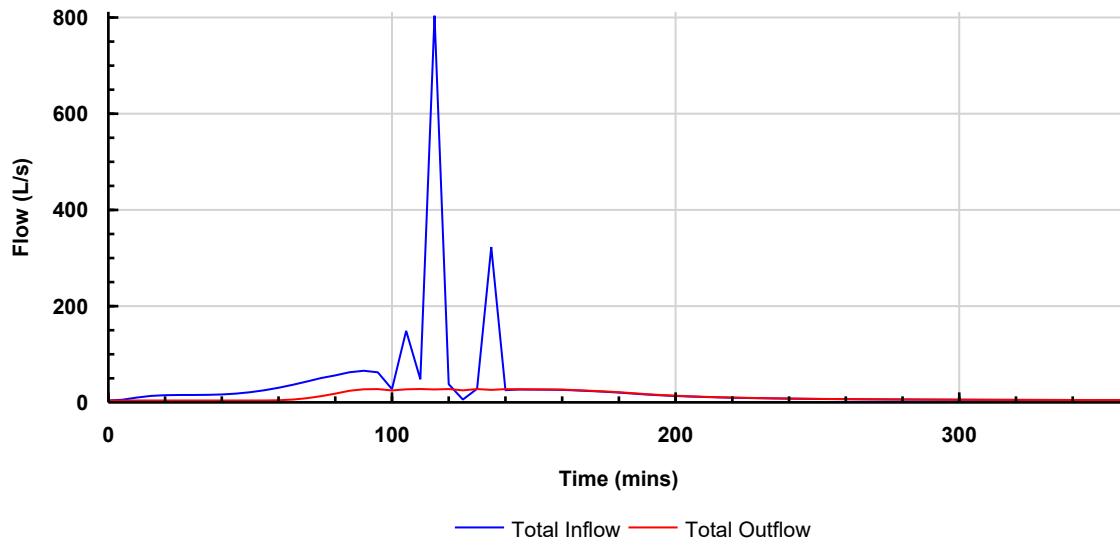
SMH-06

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 180 mins: Winter

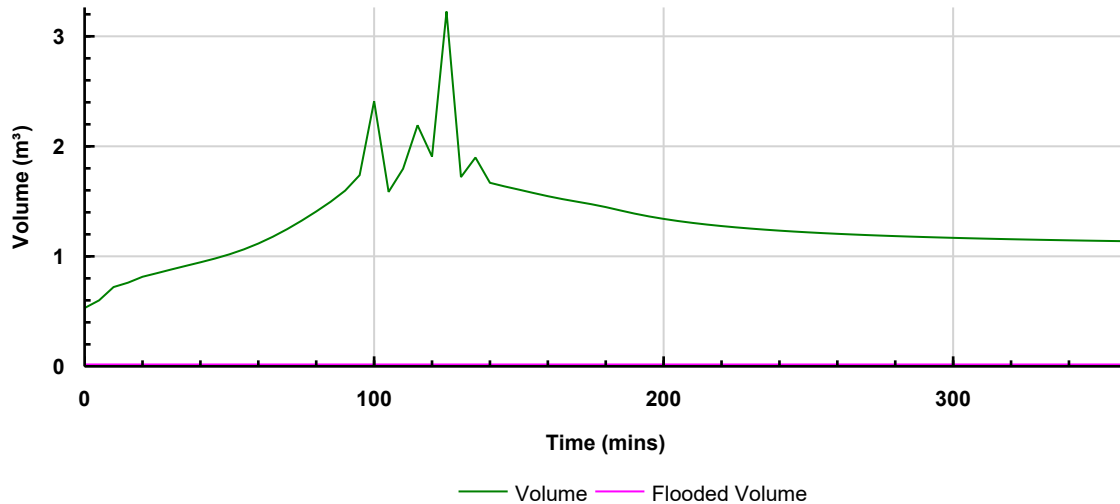
Type : Manhole

Graphs

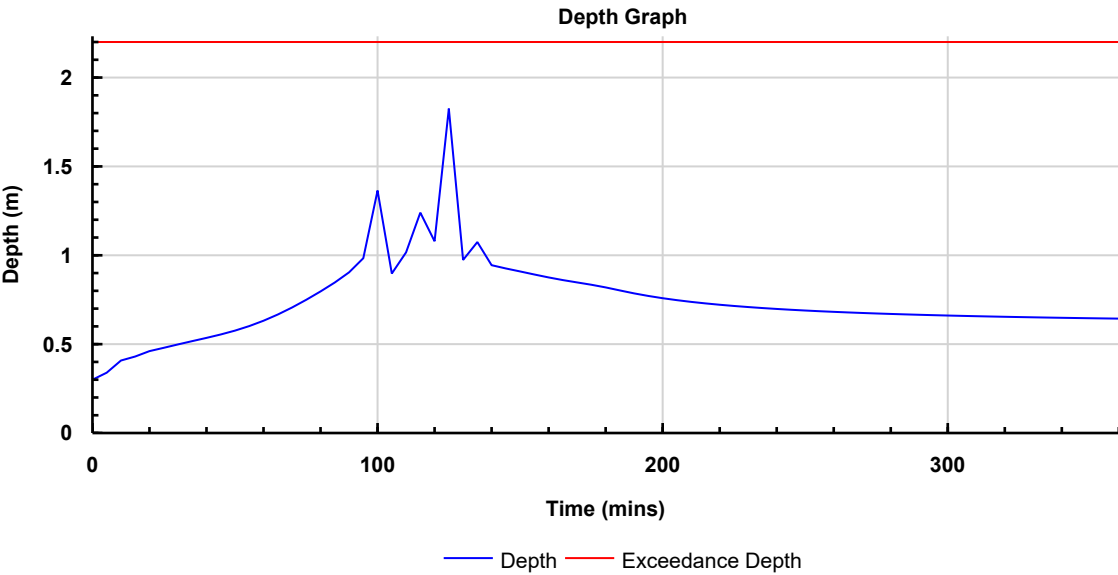
Flow Graph



Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	0.300	0.530	0.000	0.0
5	1.6	1.6	1.6	0.340	0.600	0.000	0.0
10	0.6	0.6	6.1	0.408	0.721	0.000	0.0
15	0.6	0.6	9.6	0.431	0.761	0.000	0.0
20	0.7	0.7	11.1	0.461	0.814	0.000	0.0
25	0.5	0.5	11.5	0.479	0.847	0.000	0.0
30	0.5	0.5	11.5	0.499	0.881	0.000	0.0
35	0.4	0.4	11.8	0.517	0.914	0.000	0.0
40	0.5	0.5	12.6	0.535	0.946	0.000	0.0
45	0.5	0.5	14.3	0.554	0.980	0.000	0.0
50	0.6	0.6	17.3	0.576	1.018	0.000	0.0
55	0.8	0.8	21.4	0.602	1.063	0.000	0.0
60	1.7	1.7	26.6	0.632	1.116	0.000	0.5
65	3.5	3.5	32.7	0.667	1.178	0.000	1.9
70	6.8	6.8	39.6	0.706	1.248	0.000	4.7
75	11.3	11.3	46.8	0.750	1.325	0.000	9.0
80	16.2	16.2	52.4	0.797	1.408	0.000	14.3
85	23.0	23.0	58.9	0.847	1.496	0.000	20.3
90	25.4	25.4	62.1	0.904	1.597	0.000	23.4
95	26.8	26.8	58.8	0.984	1.738	0.000	23.8
100	6.5	6.5	23.8	1.364	2.411	0.000	21.0
105	40.2	40.2	145.4	0.897	1.586	0.000	23.3
110	28.2	28.2	44.3	1.016	1.796	0.000	23.9
115	710.1	710.1	803.7	1.240	2.191	0.000	23.0
120	25.1	25.1	34.0	1.079	1.906	0.000	23.9
125	-23.8	-23.8	1.9	1.825	3.225	0.000	21.2
130	24.4	24.4	24.4	0.974	1.721	0.000	23.9
135	320.3	320.3	320.5	1.074	1.898	0.000	22.1
140	6.8	6.8	21.6	0.944	1.669	0.000	23.7
145	22.9	22.9	22.9	0.926	1.636	0.000	23.4
150	22.7	22.7	22.7	0.909	1.606	0.000	23.3
155	22.5	22.5	22.5	0.892	1.576	0.000	23.1
160	22.2	22.2	22.2	0.875	1.547	0.000	22.8
165	20.9	20.9	20.9	0.860	1.520	0.000	21.6
170	19.7	19.7	19.7	0.847	1.497	0.000	20.2
175	18.2	18.2	18.2	0.834	1.474	0.000	18.9
180	16.5	16.5	16.5	0.819	1.448	0.000	17.3
185	14.4	14.4	14.4	0.802	1.417	0.000	15.2
190	12.3	12.3	12.3	0.786	1.388	0.000	13.1
195	10.7	10.7	10.7	0.771	1.363	0.000	11.4
200	9.4	9.4	9.4	0.759	1.340	0.000	10.0
205	8.2	8.2	8.2	0.748	1.321	0.000	8.8
210	7.3	7.3	7.3	0.738	1.304	0.000	7.7
215	6.5	6.5	6.5	0.729	1.289	0.000	6.9
220	5.8	5.8	5.8	0.722	1.275	0.000	6.1
225	5.2	5.2	5.2	0.715	1.263	0.000	5.5
230	4.7	4.7	4.7	0.709	1.252	0.000	5.0
235	4.2	4.2	4.2	0.703	1.243	0.000	4.5
240	3.8	3.8	3.8	0.698	1.234	0.000	4.1
245	3.5	3.5	3.5	0.693	1.225	0.000	3.7
250	3.2	3.2	3.2	0.689	1.218	0.000	3.4
255	2.9	2.9	2.9	0.685	1.211	0.000	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0
35	0.0
40	0.0
45	0.0
50	0.0
55	0.0
60	0.5
65	1.9
70	4.7
75	9.0
80	14.3
85	20.3
90	23.4
95	23.8
100	21.0
105	23.3
110	23.9
115	23.0
120	23.9
125	21.2
130	23.9
135	22.1
140	23.7
145	23.4
150	23.3
155	23.1
160	22.8
165	21.6
170	20.2
175	18.9
180	17.3
185	15.2
190	13.1
195	11.4
200	10.0
205	8.8
210	7.7
215	6.9
220	6.1
225	5.5
230	5.0
235	4.5
240	4.1
245	3.7
250	3.4
255	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
260	2.7	2.7	2.7	0.682	1.205	0.000	2.9
265	2.5	2.5	2.5	0.678	1.199	0.000	2.6
270	2.3	2.3	2.3	0.675	1.194	0.000	2.4
275	2.1	2.1	2.1	0.673	1.189	0.000	2.3
280	2.0	2.0	2.0	0.670	1.184	0.000	2.1
285	1.9	1.9	1.9	0.668	1.180	0.000	2.0
290	1.7	1.7	1.7	0.665	1.176	0.000	1.8
295	1.6	1.6	1.6	0.663	1.172	0.000	1.7
300	1.6	1.6	1.6	0.661	1.168	0.000	1.6
305	1.5	1.5	1.5	0.659	1.165	0.000	1.5
310	1.4	1.4	1.4	0.657	1.161	0.000	1.5
315	1.3	1.3	1.3	0.656	1.158	0.000	1.4
320	1.2	1.2	1.2	0.654	1.156	0.000	1.3
325	1.2	1.2	1.2	0.652	1.153	0.000	1.2
330	1.1	1.1	1.1	0.651	1.150	0.000	1.2
335	1.0	1.0	1.0	0.650	1.148	0.000	1.1
340	1.0	1.0	1.0	0.648	1.146	0.000	1.0
345	0.9	0.9	0.9	0.647	1.143	0.000	1.0
350	0.9	0.9	0.9	0.646	1.141	0.000	0.9
355	0.8	0.8	0.8	0.645	1.139	0.000	0.9
360	0.8	0.8	0.8	0.644	1.137	0.000	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
260	2.9
265	2.6
270	2.4
275	2.3
280	2.1
285	2.0
290	1.8
295	1.7
300	1.6
305	1.5
310	1.5
315	1.4
320	1.3
325	1.2
330	1.2
335	1.1
340	1.0
345	1.0
350	0.9
355	0.9
360	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



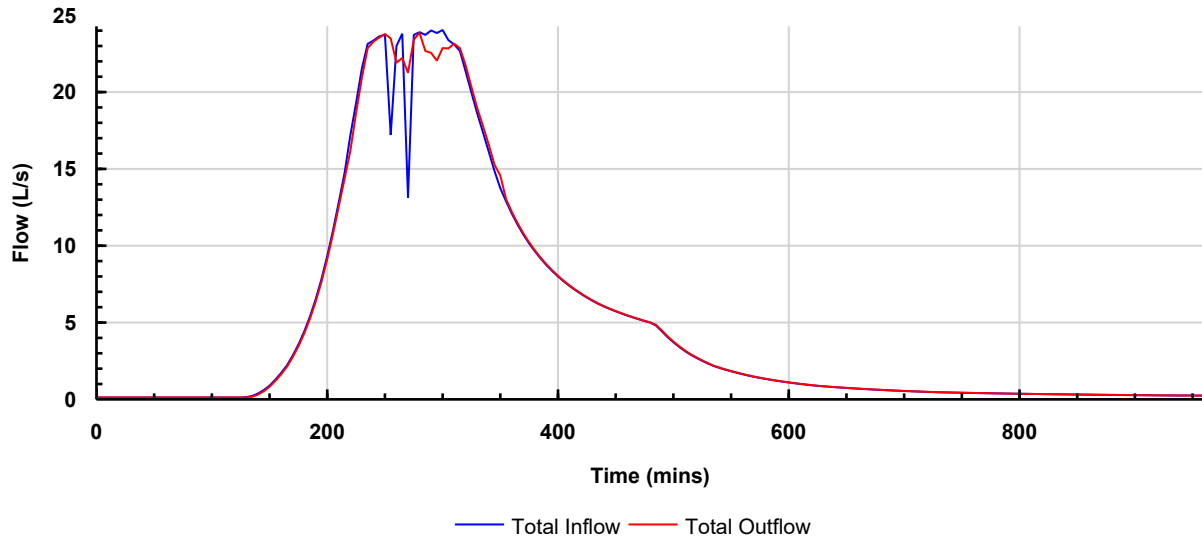
Existing MH 01

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 480 mins: Summer

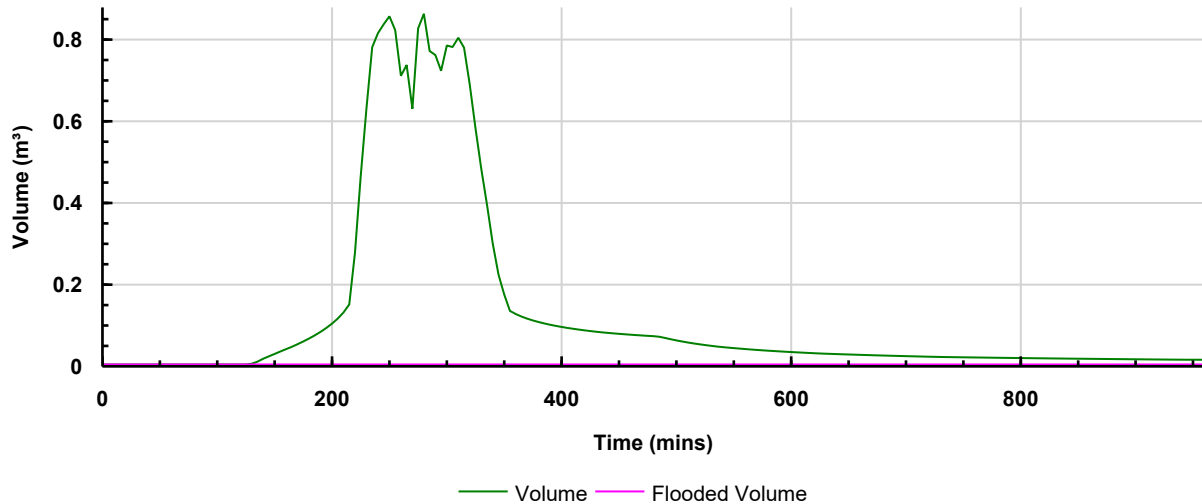
Type : Manhole

Graphs

Flow Graph

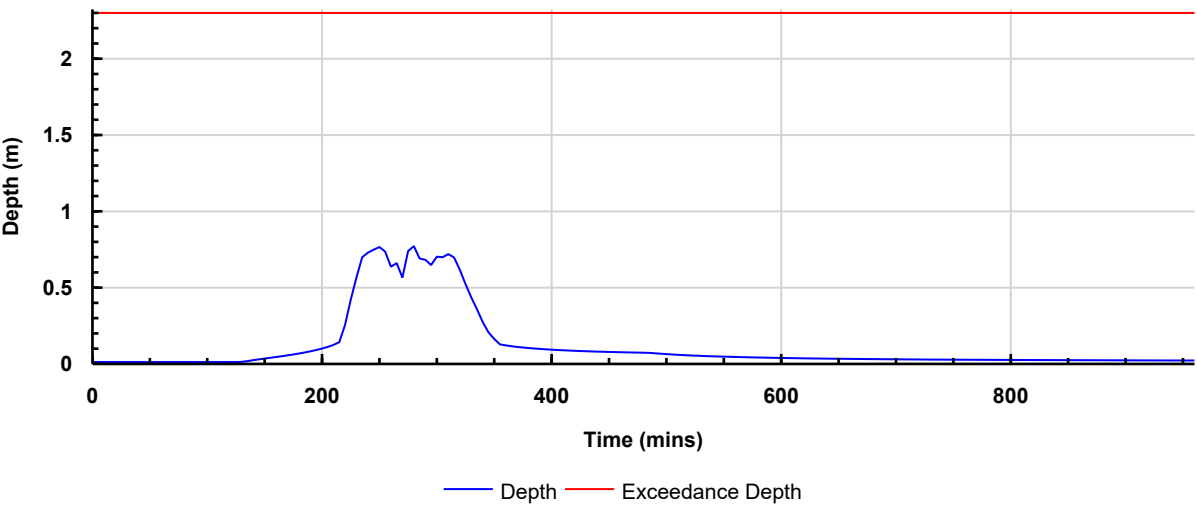


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	0.0	0.0	0.0	0.000	0.000	0.000	0.0
15	0.0	0.0	0.0	0.000	0.000	0.000	0.0
20	0.0	0.0	0.0	0.000	0.000	0.000	0.0
25	0.0	0.0	0.0	0.000	0.000	0.000	0.0
30	0.0	0.0	0.0	0.000	0.000	0.000	0.0
35	0.0	0.0	0.0	0.000	0.000	0.000	0.0
40	0.0	0.0	0.0	0.000	0.000	0.000	0.0
45	0.0	0.0	0.0	0.000	0.000	0.000	0.0
50	0.0	0.0	0.0	0.000	0.000	0.000	0.0
55	0.0	0.0	0.0	0.000	0.000	0.000	0.0
60	0.0	0.0	0.0	0.000	0.000	0.000	0.0
65	0.0	0.0	0.0	0.000	0.000	0.000	0.0
70	0.0	0.0	0.0	0.000	0.000	0.000	0.0
75	0.0	0.0	0.0	0.000	0.000	0.000	0.0
80	0.0	0.0	0.0	0.000	0.000	0.000	0.0
85	0.0	0.0	0.0	0.000	0.000	0.000	0.0
90	0.0	0.0	0.0	0.000	0.000	0.000	0.0
95	0.0	0.0	0.0	0.000	0.000	0.000	0.0
100	0.0	0.0	0.0	0.000	0.000	0.000	0.0
105	0.0	0.0	0.0	0.000	0.000	0.000	0.0
110	0.0	0.0	0.0	0.000	0.000	0.000	0.0
115	0.0	0.0	0.0	0.000	0.000	0.000	0.0
120	0.0	0.0	0.0	0.000	0.000	0.000	0.0
125	0.0	0.0	0.0	0.000	0.000	0.000	0.0
130	0.0	0.0	0.0	0.002	0.002	0.000	0.0
135	0.1	0.1	0.1	0.006	0.007	0.000	0.0
140	0.3	0.3	0.3	0.012	0.014	0.000	0.2
145	0.5	0.5	0.5	0.018	0.020	0.000	0.4
150	0.8	0.8	0.8	0.023	0.026	0.000	0.7
155	1.2	1.2	1.2	0.028	0.032	0.000	1.1
160	1.6	1.6	1.6	0.033	0.038	0.000	1.5
165	2.1	2.1	2.1	0.038	0.043	0.000	2.0
170	2.7	2.7	2.7	0.044	0.050	0.000	2.6
175	3.5	3.5	3.5	0.050	0.057	0.000	3.3
180	4.3	4.3	4.3	0.056	0.064	0.000	4.2
185	5.3	5.3	5.3	0.063	0.072	0.000	5.1
190	6.4	6.4	6.4	0.071	0.080	0.000	6.3
195	7.7	7.7	7.7	0.079	0.090	0.000	7.6
200	9.3	9.3	9.3	0.089	0.101	0.000	9.1
205	10.9	10.9	10.9	0.100	0.113	0.000	10.7
210	12.8	12.8	12.8	0.113	0.128	0.000	12.5
215	14.7	14.7	14.7	0.131	0.148	0.000	14.3
220	17.1	17.1	17.1	0.244	0.275	0.000	16.1
225	19.3	19.3	19.3	0.410	0.464	0.000	18.6
230	21.5	21.5	21.5	0.557	0.631	0.000	20.9
235	23.1	23.1	23.1	0.691	0.781	0.000	22.8
240	23.4	23.4	23.4	0.721	0.815	0.000	23.3
245	23.6	23.6	23.6	0.740	0.837	0.000	23.5
250	23.7	23.7	23.7	0.758	0.857	0.000	23.8
255	17.2	17.2	17.2	0.728	0.823	0.000	23.5

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0
35	0.0
40	0.0
45	0.0
50	0.0
55	0.0
60	0.0
65	0.0
70	0.0
75	0.0
80	0.0
85	0.0
90	0.0
95	0.0
100	0.0
105	0.0
110	0.0
115	0.0
120	0.0
125	0.0
130	0.0
135	0.0
140	0.2
145	0.4
150	0.7
155	1.1
160	1.5
165	2.0
170	2.6
175	3.3
180	4.2
185	5.1
190	6.3
195	7.6
200	9.1
205	10.7
210	12.5
215	14.3
220	16.1
225	18.6
230	20.9
235	22.8
240	23.3
245	23.5
250	23.8
255	23.5

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
260	23.0	23.0	23.0	0.628	0.710	0.000	21.9
265	23.8	23.8	23.8	0.652	0.737	0.000	22.2
270	13.1	13.1	13.1	0.556	0.629	0.000	21.2
275	23.7	23.7	23.7	0.731	0.827	0.000	23.4
280	23.9	23.9	23.9	0.763	0.863	0.000	23.9
285	23.7	23.7	23.7	0.682	0.771	0.000	22.7
290	24.0	24.0	24.0	0.673	0.762	0.000	22.5
295	23.8	23.8	23.8	0.639	0.723	0.000	22.0
300	24.0	24.0	24.0	0.694	0.785	0.000	22.9
305	23.4	23.4	23.4	0.691	0.781	0.000	22.8
310	23.1	23.1	23.1	0.711	0.804	0.000	23.1
315	22.7	22.7	22.7	0.689	0.780	0.000	22.9
320	21.3	21.3	21.3	0.608	0.688	0.000	21.7
325	19.9	19.9	19.9	0.514	0.581	0.000	20.3
330	18.6	18.6	18.6	0.426	0.482	0.000	18.9
335	17.3	17.3	17.3	0.347	0.393	0.000	17.8
340	16.1	16.1	16.1	0.263	0.298	0.000	16.5
345	14.8	14.8	14.8	0.196	0.221	0.000	15.2
350	13.7	13.7	13.7	0.152	0.172	0.000	14.5
355	12.8	12.8	12.8	0.117	0.132	0.000	13.0
360	12.0	12.0	12.0	0.110	0.124	0.000	12.1
365	11.3	11.3	11.3	0.104	0.118	0.000	11.4
370	10.7	10.7	10.7	0.100	0.113	0.000	10.7
375	10.1	10.1	10.1	0.096	0.108	0.000	10.1
380	9.6	9.6	9.6	0.092	0.104	0.000	9.6
385	9.1	9.1	9.1	0.089	0.101	0.000	9.1
390	8.7	8.7	8.7	0.086	0.098	0.000	8.7
395	8.3	8.3	8.3	0.084	0.095	0.000	8.3
400	7.9	7.9	7.9	0.082	0.092	0.000	8.0
405	7.6	7.6	7.6	0.080	0.090	0.000	7.6
410	7.3	7.3	7.3	0.078	0.088	0.000	7.3
415	7.0	7.0	7.0	0.076	0.086	0.000	7.1
420	6.8	6.8	6.8	0.074	0.084	0.000	6.8
425	6.5	6.5	6.5	0.073	0.082	0.000	6.6
430	6.3	6.3	6.3	0.071	0.081	0.000	6.3
435	6.1	6.1	6.1	0.070	0.079	0.000	6.1
440	5.9	5.9	5.9	0.069	0.078	0.000	6.0
445	5.8	5.8	5.8	0.068	0.077	0.000	5.8
450	5.6	5.6	5.6	0.067	0.075	0.000	5.7
455	5.5	5.5	5.5	0.066	0.074	0.000	5.5
460	5.4	5.4	5.4	0.065	0.073	0.000	5.4
465	5.2	5.2	5.2	0.064	0.072	0.000	5.3
470	5.1	5.1	5.1	0.063	0.071	0.000	5.1
475	5.0	5.0	5.0	0.062	0.070	0.000	5.0
480	4.9	4.9	4.9	0.062	0.070	0.000	4.9
485	4.7	4.7	4.7	0.060	0.068	0.000	4.7
490	4.3	4.3	4.3	0.058	0.065	0.000	4.4
495	3.9	3.9	3.9	0.055	0.062	0.000	4.0
500	3.6	3.6	3.6	0.052	0.059	0.000	3.7
505	3.3	3.3	3.3	0.050	0.057	0.000	3.4
510	3.0	3.0	3.0	0.048	0.054	0.000	3.1
515	2.8	2.8	2.8	0.046	0.052	0.000	2.8
520	2.6	2.6	2.6	0.044	0.050	0.000	2.6
525	2.4	2.4	2.4	0.042	0.048	0.000	2.4

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
260	21.9
265	22.2
270	21.2
275	23.4
280	23.9
285	22.7
290	22.5
295	22.0
300	22.9
305	22.8
310	23.1
315	22.9
320	21.7
325	20.3
330	18.9
335	17.8
340	16.5
345	15.2
350	14.5
355	13.0
360	12.1
365	11.4
370	10.7
375	10.1
380	9.6
385	9.1
390	8.7
395	8.3
400	8.0
405	7.6
410	7.3
415	7.1
420	6.8
425	6.6
430	6.3
435	6.1
440	6.0
445	5.8
450	5.7
455	5.5
460	5.4
465	5.3
470	5.1
475	5.0
480	4.9
485	4.7
490	4.4
495	4.0
500	3.7
505	3.4
510	3.1
515	2.8
520	2.6
525	2.4

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
530	2.2	2.2	2.2	0.041	0.046	0.000	2.2
535	2.1	2.1	2.1	0.039	0.044	0.000	2.1
540	1.9	1.9	1.9	0.038	0.043	0.000	2.0
545	1.8	1.8	1.8	0.037	0.041	0.000	1.8
550	1.7	1.7	1.7	0.036	0.040	0.000	1.7
555	1.6	1.6	1.6	0.035	0.039	0.000	1.6
560	1.5	1.5	1.5	0.034	0.038	0.000	1.5
565	1.4	1.4	1.4	0.033	0.037	0.000	1.4
570	1.4	1.4	1.4	0.032	0.036	0.000	1.4
575	1.3	1.3	1.3	0.031	0.035	0.000	1.3
580	1.2	1.2	1.2	0.030	0.034	0.000	1.2
585	1.1	1.1	1.1	0.029	0.033	0.000	1.2
590	1.1	1.1	1.1	0.028	0.032	0.000	1.1
595	1.0	1.0	1.0	0.028	0.031	0.000	1.0
600	1.0	1.0	1.0	0.027	0.031	0.000	1.0
605	0.9	0.9	0.9	0.026	0.030	0.000	0.9
610	0.9	0.9	0.9	0.026	0.029	0.000	0.9
615	0.8	0.8	0.8	0.025	0.028	0.000	0.8
620	0.8	0.8	0.8	0.024	0.028	0.000	0.8
625	0.8	0.8	0.8	0.024	0.027	0.000	0.8
630	0.7	0.7	0.7	0.023	0.026	0.000	0.7
635	0.7	0.7	0.7	0.023	0.026	0.000	0.7
640	0.7	0.7	0.7	0.023	0.025	0.000	0.7
645	0.6	0.6	0.6	0.022	0.025	0.000	0.7
650	0.6	0.6	0.6	0.022	0.025	0.000	0.6
655	0.6	0.6	0.6	0.021	0.024	0.000	0.6
660	0.6	0.6	0.6	0.021	0.024	0.000	0.6
665	0.6	0.6	0.6	0.021	0.023	0.000	0.6
670	0.5	0.5	0.5	0.020	0.023	0.000	0.5
675	0.5	0.5	0.5	0.020	0.022	0.000	0.5
680	0.5	0.5	0.5	0.019	0.022	0.000	0.5
685	0.5	0.5	0.5	0.019	0.022	0.000	0.5
690	0.5	0.5	0.5	0.019	0.021	0.000	0.5
695	0.4	0.4	0.4	0.018	0.021	0.000	0.4
700	0.4	0.4	0.4	0.018	0.020	0.000	0.4
705	0.4	0.4	0.4	0.018	0.020	0.000	0.4
710	0.4	0.4	0.4	0.017	0.020	0.000	0.4
715	0.4	0.4	0.4	0.017	0.019	0.000	0.4
720	0.4	0.4	0.4	0.017	0.019	0.000	0.4
725	0.4	0.4	0.4	0.017	0.019	0.000	0.4
730	0.3	0.3	0.3	0.016	0.018	0.000	0.3
735	0.3	0.3	0.3	0.016	0.018	0.000	0.3
740	0.3	0.3	0.3	0.016	0.018	0.000	0.3
745	0.3	0.3	0.3	0.016	0.018	0.000	0.3
750	0.3	0.3	0.3	0.016	0.018	0.000	0.3
755	0.3	0.3	0.3	0.015	0.017	0.000	0.3
760	0.3	0.3	0.3	0.015	0.017	0.000	0.3
765	0.3	0.3	0.3	0.015	0.017	0.000	0.3
770	0.3	0.3	0.3	0.015	0.017	0.000	0.3
775	0.3	0.3	0.3	0.015	0.017	0.000	0.3
780	0.3	0.3	0.3	0.015	0.016	0.000	0.3
785	0.3	0.3	0.3	0.014	0.016	0.000	0.3
790	0.3	0.3	0.3	0.014	0.016	0.000	0.3
795	0.2	0.2	0.2	0.014	0.016	0.000	0.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
530	2.2
535	2.1
540	2.0
545	1.8
550	1.7
555	1.6
560	1.5
565	1.4
570	1.4
575	1.3
580	1.2
585	1.2
590	1.1
595	1.0
600	1.0
605	0.9
610	0.9
615	0.8
620	0.8
625	0.8
630	0.7
635	0.7
640	0.7
645	0.7
650	0.6
655	0.6
660	0.6
665	0.6
670	0.5
675	0.5
680	0.5
685	0.5
690	0.5
695	0.4
700	0.4
705	0.4
710	0.4
715	0.4
720	0.4
725	0.4
730	0.3
735	0.3
740	0.3
745	0.3
750	0.3
755	0.3
760	0.3
765	0.3
770	0.3
775	0.3
780	0.3
785	0.3
790	0.3
795	0.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
800	0.2	0.2	0.2	0.014	0.016	0.000	0.2
805	0.2	0.2	0.2	0.014	0.016	0.000	0.2
810	0.2	0.2	0.2	0.014	0.015	0.000	0.2
815	0.2	0.2	0.2	0.013	0.015	0.000	0.2
820	0.2	0.2	0.2	0.013	0.015	0.000	0.2
825	0.2	0.2	0.2	0.013	0.015	0.000	0.2
830	0.2	0.2	0.2	0.013	0.015	0.000	0.2
835	0.2	0.2	0.2	0.013	0.015	0.000	0.2
840	0.2	0.2	0.2	0.013	0.014	0.000	0.2
845	0.2	0.2	0.2	0.013	0.014	0.000	0.2
850	0.2	0.2	0.2	0.013	0.014	0.000	0.2
855	0.2	0.2	0.2	0.012	0.014	0.000	0.2
860	0.2	0.2	0.2	0.012	0.014	0.000	0.2
865	0.2	0.2	0.2	0.012	0.014	0.000	0.2
870	0.2	0.2	0.2	0.012	0.014	0.000	0.2
875	0.2	0.2	0.2	0.012	0.013	0.000	0.2
880	0.2	0.2	0.2	0.012	0.013	0.000	0.2
885	0.2	0.2	0.2	0.012	0.013	0.000	0.2
890	0.2	0.2	0.2	0.012	0.013	0.000	0.2
895	0.2	0.2	0.2	0.011	0.013	0.000	0.2
900	0.2	0.2	0.2	0.011	0.013	0.000	0.2
905	0.1	0.1	0.1	0.011	0.013	0.000	0.2
910	0.1	0.1	0.1	0.011	0.012	0.000	0.1
915	0.1	0.1	0.1	0.011	0.012	0.000	0.1
920	0.1	0.1	0.1	0.011	0.012	0.000	0.1
925	0.1	0.1	0.1	0.011	0.012	0.000	0.1
930	0.1	0.1	0.1	0.011	0.012	0.000	0.1
935	0.1	0.1	0.1	0.010	0.012	0.000	0.1
940	0.1	0.1	0.1	0.010	0.012	0.000	0.1
945	0.1	0.1	0.1	0.010	0.012	0.000	0.1
950	0.1	0.1	0.1	0.010	0.012	0.000	0.1
955	0.1	0.1	0.1	0.010	0.012	0.000	0.1
960	0.1	0.1	0.1	0.010	0.012	0.000	0.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Total Outflow (L/s)
800	0.2
805	0.2
810	0.2
815	0.2
820	0.2
825	0.2
830	0.2
835	0.2
840	0.2
845	0.2
850	0.2
855	0.2
860	0.2
865	0.2
870	0.2
875	0.2
880	0.2
885	0.2
890	0.2
895	0.2
900	0.2
905	0.2
910	0.1
915	0.1
920	0.1
925	0.1
930	0.1
935	0.1
940	0.1
945	0.1
950	0.1
955	0.1
960	0.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

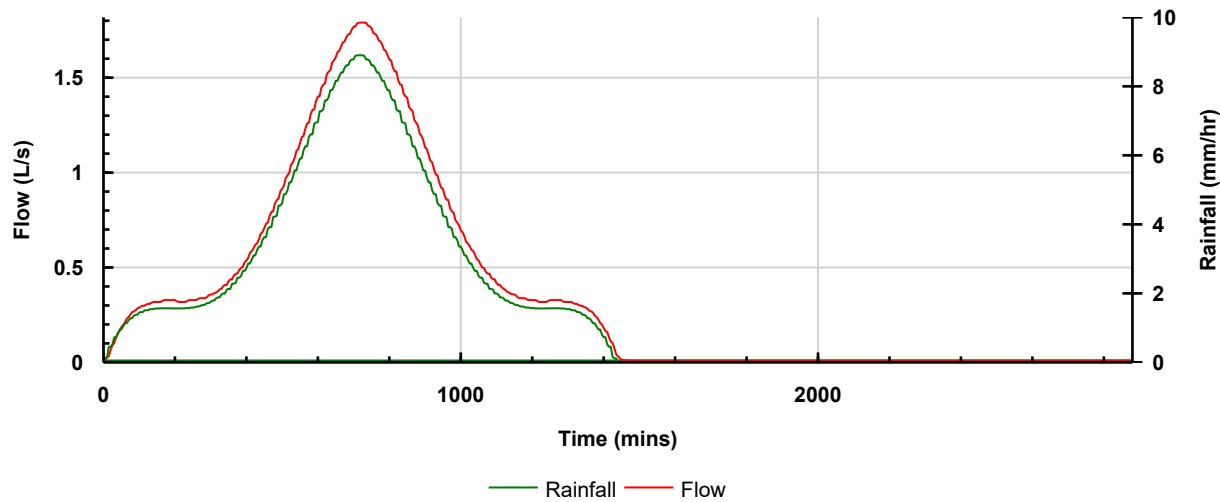


Pipe 1.01
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Winter

Type : Pipe

Graphs

Flow Graph



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.002	0.0
10	0.003	0.0
15	0.004	0.0
20	0.006	0.1
25	0.008	0.1
30	0.009	0.1
35	0.011	0.1
40	0.012	0.1
45	0.012	0.2
50	0.013	0.2
55	0.013	0.2
60	0.014	0.2
65	0.014	0.2
70	0.014	0.2
75	0.015	0.2
80	0.015	0.3
85	0.015	0.3
90	0.015	0.3
95	0.016	0.3
100	0.016	0.3
105	0.016	0.3
110	0.016	0.3
115	0.016	0.3
120	0.016	0.3

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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
125	0.016	0.3
130	0.016	0.3
135	0.016	0.3
140	0.017	0.3
145	0.017	0.3
150	0.017	0.3
155	0.017	0.3
160	0.017	0.3
165	0.017	0.3
170	0.017	0.3
175	0.017	0.3
180	0.017	0.3
185	0.017	0.3
190	0.017	0.3
195	0.017	0.3
200	0.017	0.3
205	0.017	0.3
210	0.017	0.3
215	0.017	0.3
220	0.017	0.3
225	0.017	0.3
230	0.017	0.3
235	0.017	0.3
240	0.017	0.3
245	0.017	0.3
250	0.017	0.3
255	0.017	0.3
260	0.017	0.3
265	0.017	0.3
270	0.017	0.3
275	0.017	0.3
280	0.017	0.3
285	0.017	0.3
290	0.017	0.3
295	0.017	0.3
300	0.018	0.3
305	0.018	0.3
310	0.018	0.4
315	0.018	0.4
320	0.018	0.4
325	0.018	0.4
330	0.018	0.4
335	0.018	0.4
340	0.019	0.4
345	0.019	0.4
350	0.019	0.4
355	0.019	0.4
360	0.019	0.4
365	0.020	0.5
370	0.020	0.5
375	0.020	0.5
380	0.020	0.5
385	0.020	0.5
390	0.021	0.5
395	0.021	0.5
400	0.021	0.5
405	0.021	0.5
410	0.022	0.6

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Time (mins)	Depth (m)	Flow (L/s)
415	0.022	0.6
420	0.022	0.6
425	0.023	0.6
430	0.023	0.6
435	0.023	0.6
440	0.024	0.7
445	0.024	0.7
450	0.024	0.7
455	0.024	0.7
460	0.025	0.7
465	0.025	0.8
470	0.025	0.8
475	0.026	0.8
480	0.026	0.8
485	0.026	0.8
490	0.026	0.9
495	0.027	0.9
500	0.027	0.9
505	0.027	0.9
510	0.028	1.0
515	0.028	1.0
520	0.028	1.0
525	0.029	1.0
530	0.029	1.0
535	0.029	1.1
540	0.030	1.1
545	0.030	1.1
550	0.030	1.2
555	0.031	1.2
560	0.031	1.2
565	0.031	1.2
570	0.032	1.3
575	0.032	1.3
580	0.032	1.3
585	0.033	1.3
590	0.033	1.3
595	0.033	1.4
600	0.033	1.4
605	0.033	1.4
610	0.034	1.4
615	0.034	1.5
620	0.034	1.5
625	0.035	1.5
630	0.035	1.5
635	0.035	1.5
640	0.035	1.6
645	0.036	1.6
650	0.036	1.6
655	0.036	1.6
660	0.036	1.6
665	0.036	1.7
670	0.037	1.7
675	0.037	1.7
680	0.037	1.7
685	0.037	1.7
690	0.037	1.7
695	0.037	1.8
700	0.037	1.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
705	0.037	1.8
710	0.038	1.8
715	0.038	1.8
720	0.038	1.8
725	0.038	1.8
730	0.038	1.8
735	0.038	1.8
740	0.038	1.8
745	0.037	1.8
750	0.037	1.8
755	0.037	1.7
760	0.037	1.7
765	0.037	1.7
770	0.037	1.7
775	0.037	1.7
780	0.037	1.7
785	0.036	1.6
790	0.036	1.6
795	0.036	1.6
800	0.036	1.6
805	0.036	1.6
810	0.035	1.6
815	0.035	1.5
820	0.035	1.5
825	0.034	1.5
830	0.034	1.5
835	0.034	1.5
840	0.034	1.4
845	0.033	1.4
850	0.033	1.4
855	0.033	1.3
860	0.033	1.3
865	0.033	1.3
870	0.032	1.3
875	0.032	1.3
880	0.032	1.2
885	0.031	1.2
890	0.031	1.2
895	0.031	1.2
900	0.030	1.1
905	0.030	1.1
910	0.030	1.1
915	0.029	1.1
920	0.029	1.1
925	0.029	1.0
930	0.028	1.0
935	0.028	1.0
940	0.028	0.9
945	0.027	0.9
950	0.027	0.9
955	0.027	0.9
960	0.027	0.9
965	0.026	0.9
970	0.026	0.8
975	0.026	0.8
980	0.025	0.8
985	0.025	0.7
990	0.025	0.7

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
995	0.024	0.7
1000	0.024	0.7
1005	0.024	0.7
1010	0.023	0.7
1015	0.023	0.6
1020	0.023	0.6
1025	0.023	0.6
1030	0.022	0.6
1035	0.022	0.6
1040	0.022	0.6
1045	0.021	0.5
1050	0.021	0.5
1055	0.021	0.5
1060	0.021	0.5
1065	0.020	0.5
1070	0.020	0.5
1075	0.020	0.5
1080	0.020	0.5
1085	0.020	0.4
1090	0.019	0.4
1095	0.019	0.4
1100	0.019	0.4
1105	0.019	0.4
1110	0.019	0.4
1115	0.018	0.4
1120	0.018	0.4
1125	0.018	0.4
1130	0.018	0.4
1135	0.018	0.4
1140	0.018	0.4
1145	0.018	0.4
1150	0.018	0.4
1155	0.017	0.3
1160	0.017	0.3
1165	0.017	0.3
1170	0.017	0.3
1175	0.017	0.3
1180	0.017	0.3
1185	0.017	0.3
1190	0.017	0.3
1195	0.017	0.3
1200	0.017	0.3
1205	0.017	0.3
1210	0.017	0.3
1215	0.017	0.3
1220	0.017	0.3
1225	0.017	0.3
1230	0.017	0.3
1235	0.017	0.3
1240	0.017	0.3
1245	0.017	0.3
1250	0.017	0.3
1255	0.017	0.3
1260	0.017	0.3
1265	0.017	0.3
1270	0.017	0.3
1275	0.017	0.3
1280	0.017	0.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
1285	0.017	0.3
1290	0.017	0.3
1295	0.017	0.3
1300	0.017	0.3
1305	0.017	0.3
1310	0.017	0.3
1315	0.016	0.3
1320	0.016	0.3
1325	0.016	0.3
1330	0.016	0.3
1335	0.016	0.3
1340	0.016	0.3
1345	0.016	0.3
1350	0.016	0.3
1355	0.016	0.3
1360	0.016	0.3
1365	0.015	0.3
1370	0.015	0.3
1375	0.015	0.2
1380	0.015	0.2
1385	0.014	0.2
1390	0.014	0.2
1395	0.013	0.2
1400	0.013	0.2
1405	0.012	0.2
1410	0.012	0.2
1415	0.011	0.1
1420	0.010	0.1
1425	0.010	0.1
1430	0.008	0.1
1435	0.007	0.0
1440	0.006	0.0
1445	0.005	0.0
1450	0.004	0.0
1455	0.003	0.0
1460	0.002	0.0
1465	0.002	0.0
1470	0.001	0.0
1475	0.001	0.0
1480	0.001	0.0
1485	0.001	0.0
1490	0.001	0.0
1495	0.001	0.0
1500	0.001	0.0
1505	0.001	0.0
1510	0.001	0.0
1515	0.001	0.0
1520	0.001	0.0
1525	0.001	0.0
1530	0.001	0.0
1535	0.001	0.0
1540	0.001	0.0
1545	0.001	0.0
1550	0.001	0.0
1555	0.000	0.0
1560	0.000	0.0
1565	0.000	0.0
1570	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
1575	0.000	0.0
1580	0.000	0.0
1585	0.000	0.0
1590	0.000	0.0
1595	0.000	0.0
1600	0.000	0.0
1605	0.000	0.0
1610	0.000	0.0
1615	0.000	0.0
1620	0.000	0.0
1625	0.000	0.0
1630	0.000	0.0
1635	0.000	0.0
1640	0.000	0.0
1645	0.000	0.0
1650	0.000	0.0
1655	0.000	0.0
1660	0.000	0.0
1665	0.000	0.0
1670	0.000	0.0
1675	0.000	0.0
1680	0.000	0.0
1685	0.000	0.0
1690	0.000	0.0
1695	0.000	0.0
1700	0.000	0.0
1705	0.000	0.0
1710	0.000	0.0
1715	0.000	0.0
1720	0.000	0.0
1725	0.000	0.0
1730	0.000	0.0
1735	0.000	0.0
1740	0.000	0.0
1745	0.000	0.0
1750	0.000	0.0
1755	0.000	0.0
1760	0.000	0.0
1765	0.000	0.0
1770	0.000	0.0
1775	0.000	0.0
1780	0.000	0.0
1785	0.000	0.0
1790	0.000	0.0
1795	0.000	0.0
1800	0.000	0.0
1805	0.000	0.0
1810	0.000	0.0
1815	0.000	0.0
1820	0.000	0.0
1825	0.000	0.0
1830	0.000	0.0
1835	0.000	0.0
1840	0.000	0.0
1845	0.000	0.0
1850	0.000	0.0
1855	0.000	0.0
1860	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1865	0.000	0.0
1870	0.000	0.0
1875	0.000	0.0
1880	0.000	0.0
1885	0.000	0.0
1890	0.000	0.0
1895	0.000	0.0
1900	0.000	0.0
1905	0.000	0.0
1910	0.000	0.0
1915	0.000	0.0
1920	0.000	0.0
1925	0.000	0.0
1930	0.000	0.0
1935	0.000	0.0
1940	0.000	0.0
1945	0.000	0.0
1950	0.000	0.0
1955	0.000	0.0
1960	0.000	0.0
1965	0.000	0.0
1970	0.000	0.0
1975	0.000	0.0
1980	0.000	0.0
1985	0.000	0.0
1990	0.000	0.0
1995	0.000	0.0
2000	0.000	0.0
2005	0.000	0.0
2010	0.000	0.0
2015	0.000	0.0
2020	0.000	0.0
2025	0.000	0.0
2030	0.000	0.0
2035	0.000	0.0
2040	0.000	0.0
2045	0.000	0.0
2050	0.000	0.0
2055	0.000	0.0
2060	0.000	0.0
2065	0.000	0.0
2070	0.000	0.0
2075	0.000	0.0
2080	0.000	0.0
2085	0.000	0.0
2090	0.000	0.0
2095	0.000	0.0
2100	0.000	0.0
2105	0.000	0.0
2110	0.000	0.0
2115	0.000	0.0
2120	0.000	0.0
2125	0.000	0.0
2130	0.000	0.0
2135	0.000	0.0
2140	0.000	0.0
2145	0.000	0.0
2150	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
2155	0.000	0.0
2160	0.000	0.0
2165	0.000	0.0
2170	0.000	0.0
2175	0.000	0.0
2180	0.000	0.0
2185	0.000	0.0
2190	0.000	0.0
2195	0.000	0.0
2200	0.000	0.0
2205	0.000	0.0
2210	0.000	0.0
2215	0.000	0.0
2220	0.000	0.0
2225	0.000	0.0
2230	0.000	0.0
2235	0.000	0.0
2240	0.000	0.0
2245	0.000	0.0
2250	0.000	0.0
2255	0.000	0.0
2260	0.000	0.0
2265	0.000	0.0
2270	0.000	0.0
2275	0.000	0.0
2280	0.000	0.0
2285	0.000	0.0
2290	0.000	0.0
2295	0.000	0.0
2300	0.000	0.0
2305	0.000	0.0
2310	0.000	0.0
2315	0.000	0.0
2320	0.000	0.0
2325	0.000	0.0
2330	0.000	0.0
2335	0.000	0.0
2340	0.000	0.0
2345	0.000	0.0
2350	0.000	0.0
2355	0.000	0.0
2360	0.000	0.0
2365	0.000	0.0
2370	0.000	0.0
2375	0.000	0.0
2380	0.000	0.0
2385	0.000	0.0
2390	0.000	0.0
2395	0.000	0.0
2400	0.000	0.0
2405	0.000	0.0
2410	0.000	0.0
2415	0.000	0.0
2420	0.000	0.0
2425	0.000	0.0
2430	0.000	0.0
2435	0.000	0.0
2440	0.000	0.0

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Time (mins)	Depth (m)	Flow (L/s)
2445	0.000	0.0
2450	0.000	0.0
2455	0.000	0.0
2460	0.000	0.0
2465	0.000	0.0
2470	0.000	0.0
2475	0.000	0.0
2480	0.000	0.0
2485	0.000	0.0
2490	0.000	0.0
2495	0.000	0.0
2500	0.000	0.0
2505	0.000	0.0
2510	0.000	0.0
2515	0.000	0.0
2520	0.000	0.0
2525	0.000	0.0
2530	0.000	0.0
2535	0.000	0.0
2540	0.000	0.0
2545	0.000	0.0
2550	0.000	0.0
2555	0.000	0.0
2560	0.000	0.0
2565	0.000	0.0
2570	0.000	0.0
2575	0.000	0.0
2580	0.000	0.0
2585	0.000	0.0
2590	0.000	0.0
2595	0.000	0.0
2600	0.000	0.0
2605	0.000	0.0
2610	0.000	0.0
2615	0.000	0.0
2620	0.000	0.0
2625	0.000	0.0
2630	0.000	0.0
2635	0.000	0.0
2640	0.000	0.0
2645	0.000	0.0
2650	0.000	0.0
2655	0.000	0.0
2660	0.000	0.0
2665	0.000	0.0
2670	0.000	0.0
2675	0.000	0.0
2680	0.000	0.0
2685	0.000	0.0
2690	0.000	0.0
2695	0.000	0.0
2700	0.000	0.0
2705	0.000	0.0
2710	0.000	0.0
2715	0.000	0.0
2720	0.000	0.0
2725	0.000	0.0
2730	0.000	0.0

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Time (mins)	Depth (m)	Flow (L/s)
2735	0.000	0.0
2740	0.000	0.0
2745	0.000	0.0
2750	0.000	0.0
2755	0.000	0.0
2760	0.000	0.0
2765	0.000	0.0
2770	0.000	0.0
2775	0.000	0.0
2780	0.000	0.0
2785	0.000	0.0
2790	0.000	0.0
2795	0.000	0.0
2800	0.000	0.0
2805	0.000	0.0
2810	0.000	0.0
2815	0.000	0.0
2820	0.000	0.0
2825	0.000	0.0
2830	0.000	0.0
2835	0.000	0.0
2840	0.000	0.0
2845	0.000	0.0
2850	0.000	0.0
2855	0.000	0.0
2860	0.000	0.0
2865	0.000	0.0
2870	0.000	0.0
2875	0.000	0.0
2880	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

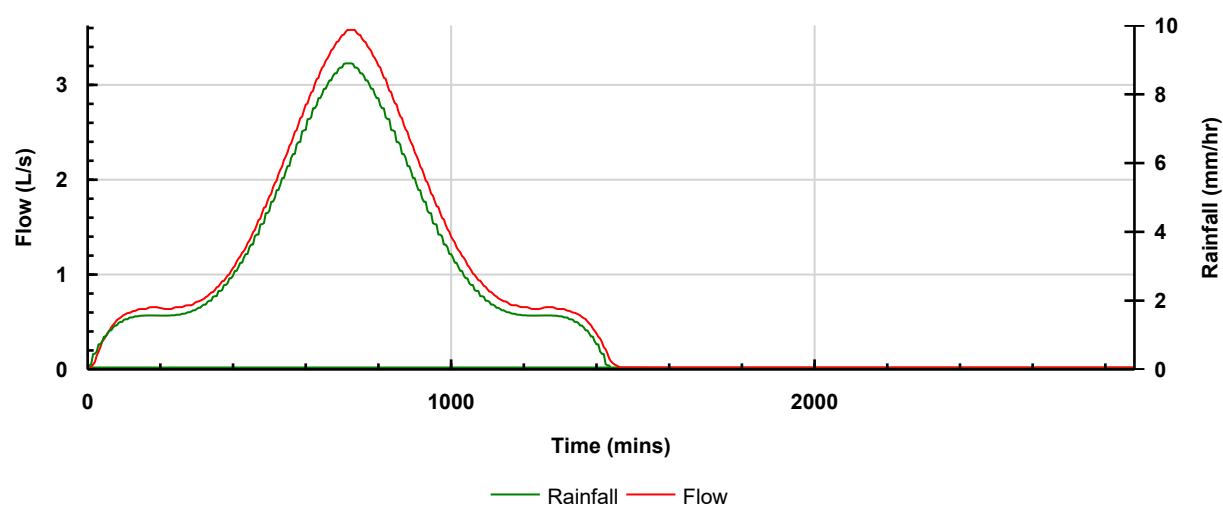


Pipe 1.02
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Winter

Type : Pipe

Graphs

Flow Graph



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.001	0.0
10	0.002	0.0
15	0.003	0.0
20	0.005	0.1
25	0.008	0.1
30	0.009	0.2
35	0.011	0.2
40	0.013	0.3
45	0.013	0.3
50	0.014	0.3
55	0.014	0.4
60	0.015	0.4
65	0.015	0.4
70	0.016	0.5
75	0.016	0.5
80	0.017	0.5
85	0.017	0.5
90	0.017	0.5
95	0.017	0.5
100	0.018	0.6
105	0.018	0.6
110	0.018	0.6
115	0.018	0.6
120	0.018	0.6

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Time (mins)	Depth (m)	Flow (L/s)
125	0.018	0.6
130	0.018	0.6
135	0.018	0.6
140	0.018	0.6
145	0.018	0.6
150	0.018	0.6
155	0.018	0.6
160	0.018	0.6
165	0.019	0.6
170	0.019	0.6
175	0.019	0.6
180	0.019	0.6
185	0.019	0.6
190	0.019	0.6
195	0.019	0.6
200	0.019	0.6
205	0.019	0.6
210	0.018	0.6
215	0.018	0.6
220	0.018	0.6
225	0.018	0.6
230	0.018	0.6
235	0.019	0.6
240	0.019	0.6
245	0.019	0.6
250	0.019	0.6
255	0.019	0.6
260	0.019	0.6
265	0.019	0.6
270	0.019	0.7
275	0.019	0.7
280	0.019	0.7
285	0.019	0.7
290	0.019	0.7
295	0.019	0.7
300	0.020	0.7
305	0.020	0.7
310	0.020	0.7
315	0.020	0.7
320	0.020	0.7
325	0.020	0.7
330	0.020	0.8
335	0.021	0.8
340	0.021	0.8
345	0.021	0.8
350	0.021	0.8
355	0.022	0.9
360	0.022	0.9
365	0.022	0.9
370	0.023	0.9
375	0.023	0.9
380	0.023	0.9
385	0.023	1.0
390	0.024	1.0
395	0.024	1.0
400	0.024	1.1
405	0.025	1.1
410	0.025	1.1

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Time (mins)	Depth (m)	Flow (L/s)
415	0.025	1.2
420	0.026	1.2
425	0.026	1.2
430	0.026	1.2
435	0.026	1.3
440	0.027	1.3
445	0.027	1.3
450	0.028	1.4
455	0.028	1.4
460	0.028	1.5
465	0.029	1.5
470	0.029	1.6
475	0.029	1.6
480	0.030	1.6
485	0.030	1.7
490	0.030	1.7
495	0.031	1.8
500	0.031	1.8
505	0.032	1.8
510	0.032	1.9
515	0.033	2.0
520	0.033	2.0
525	0.033	2.1
530	0.034	2.1
535	0.034	2.1
540	0.035	2.2
545	0.035	2.2
550	0.035	2.3
555	0.036	2.3
560	0.036	2.4
565	0.036	2.4
570	0.037	2.5
575	0.037	2.5
580	0.037	2.6
585	0.038	2.6
590	0.038	2.7
595	0.039	2.7
600	0.039	2.8
605	0.039	2.8
610	0.040	2.9
615	0.040	2.9
620	0.040	2.9
625	0.040	3.0
630	0.041	3.1
635	0.041	3.1
640	0.041	3.1
645	0.042	3.2
650	0.042	3.2
655	0.042	3.3
660	0.042	3.3
665	0.042	3.3
670	0.043	3.4
675	0.043	3.4
680	0.043	3.4
685	0.043	3.5
690	0.043	3.5
695	0.043	3.5
700	0.044	3.5

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Time (mins)	Depth (m)	Flow (L/s)
705	0.044	3.5
710	0.044	3.6
715	0.044	3.6
720	0.044	3.6
725	0.044	3.6
730	0.044	3.6
735	0.044	3.6
740	0.044	3.6
745	0.044	3.5
750	0.044	3.5
755	0.043	3.5
760	0.043	3.5
765	0.043	3.4
770	0.043	3.4
775	0.043	3.4
780	0.043	3.4
785	0.042	3.3
790	0.042	3.3
795	0.042	3.2
800	0.042	3.2
805	0.042	3.2
810	0.041	3.1
815	0.041	3.1
820	0.041	3.1
825	0.040	3.0
830	0.040	2.9
835	0.040	2.9
840	0.039	2.9
845	0.039	2.8
850	0.039	2.8
855	0.038	2.7
860	0.038	2.7
865	0.038	2.6
870	0.037	2.6
875	0.037	2.5
880	0.037	2.5
885	0.036	2.4
890	0.036	2.4
895	0.036	2.3
900	0.035	2.3
905	0.035	2.2
910	0.035	2.2
915	0.034	2.1
920	0.034	2.1
925	0.033	2.0
930	0.033	2.0
935	0.033	2.0
940	0.032	1.9
945	0.032	1.8
950	0.032	1.8
955	0.031	1.8
960	0.031	1.7
965	0.030	1.7
970	0.030	1.6
975	0.029	1.6
980	0.029	1.6
985	0.029	1.5
990	0.028	1.5

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
995	0.028	1.4
1000	0.028	1.4
1005	0.027	1.4
1010	0.027	1.3
1015	0.027	1.3
1020	0.026	1.2
1025	0.026	1.2
1030	0.026	1.2
1035	0.025	1.2
1040	0.025	1.1
1045	0.025	1.1
1050	0.024	1.1
1055	0.024	1.0
1060	0.024	1.0
1065	0.023	1.0
1070	0.023	1.0
1075	0.023	0.9
1080	0.023	0.9
1085	0.022	0.9
1090	0.022	0.9
1095	0.022	0.9
1100	0.021	0.8
1105	0.021	0.8
1110	0.021	0.8
1115	0.021	0.8
1120	0.021	0.8
1125	0.020	0.8
1130	0.020	0.7
1135	0.020	0.7
1140	0.020	0.7
1145	0.020	0.7
1150	0.020	0.7
1155	0.019	0.7
1160	0.019	0.7
1165	0.019	0.7
1170	0.019	0.7
1175	0.019	0.7
1180	0.019	0.7
1185	0.019	0.7
1190	0.019	0.6
1195	0.019	0.6
1200	0.019	0.6
1205	0.019	0.6
1210	0.019	0.6
1215	0.019	0.6
1220	0.018	0.6
1225	0.018	0.6
1230	0.018	0.6
1235	0.018	0.6
1240	0.018	0.6
1245	0.018	0.6
1250	0.019	0.6
1255	0.019	0.6
1260	0.019	0.6
1265	0.019	0.6
1270	0.019	0.6
1275	0.019	0.6
1280	0.019	0.6

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Time (mins)	Depth (m)	Flow (L/s)
1285	0.019	0.6
1290	0.018	0.6
1295	0.018	0.6
1300	0.018	0.6
1305	0.018	0.6
1310	0.018	0.6
1315	0.018	0.6
1320	0.018	0.6
1325	0.018	0.6
1330	0.018	0.6
1335	0.018	0.6
1340	0.018	0.6
1345	0.018	0.6
1350	0.018	0.6
1355	0.017	0.6
1360	0.017	0.5
1365	0.017	0.5
1370	0.017	0.5
1375	0.016	0.5
1380	0.016	0.5
1385	0.016	0.4
1390	0.015	0.4
1395	0.015	0.4
1400	0.014	0.4
1405	0.014	0.3
1410	0.013	0.3
1415	0.013	0.3
1420	0.011	0.2
1425	0.010	0.2
1430	0.009	0.2
1435	0.007	0.1
1440	0.005	0.1
1445	0.004	0.0
1450	0.003	0.0
1455	0.002	0.0
1460	0.002	0.0
1465	0.001	0.0
1470	0.001	0.0
1475	0.001	0.0
1480	0.001	0.0
1485	0.001	0.0
1490	0.001	0.0
1495	0.001	0.0
1500	0.001	0.0
1505	0.001	0.0
1510	0.001	0.0
1515	0.001	0.0
1520	0.001	0.0
1525	0.001	0.0
1530	0.001	0.0
1535	0.001	0.0
1540	0.000	0.0
1545	0.000	0.0
1550	0.000	0.0
1555	0.000	0.0
1560	0.000	0.0
1565	0.000	0.0
1570	0.000	0.0

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		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1575	0.000	0.0
1580	0.000	0.0
1585	0.000	0.0
1590	0.000	0.0
1595	0.000	0.0
1600	0.000	0.0
1605	0.000	0.0
1610	0.000	0.0
1615	0.000	0.0
1620	0.000	0.0
1625	0.000	0.0
1630	0.000	0.0
1635	0.000	0.0
1640	0.000	0.0
1645	0.000	0.0
1650	0.000	0.0
1655	0.000	0.0
1660	0.000	0.0
1665	0.000	0.0
1670	0.000	0.0
1675	0.000	0.0
1680	0.000	0.0
1685	0.000	0.0
1690	0.000	0.0
1695	0.000	0.0
1700	0.000	0.0
1705	0.000	0.0
1710	0.000	0.0
1715	0.000	0.0
1720	0.000	0.0
1725	0.000	0.0
1730	0.000	0.0
1735	0.000	0.0
1740	0.000	0.0
1745	0.000	0.0
1750	0.000	0.0
1755	0.000	0.0
1760	0.000	0.0
1765	0.000	0.0
1770	0.000	0.0
1775	0.000	0.0
1780	0.000	0.0
1785	0.000	0.0
1790	0.000	0.0
1795	0.000	0.0
1800	0.000	0.0
1805	0.000	0.0
1810	0.000	0.0
1815	0.000	0.0
1820	0.000	0.0
1825	0.000	0.0
1830	0.000	0.0
1835	0.000	0.0
1840	0.000	0.0
1845	0.000	0.0
1850	0.000	0.0
1855	0.000	0.0
1860	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1865	0.000	0.0
1870	0.000	0.0
1875	0.000	0.0
1880	0.000	0.0
1885	0.000	0.0
1890	0.000	0.0
1895	0.000	0.0
1900	0.000	0.0
1905	0.000	0.0
1910	0.000	0.0
1915	0.000	0.0
1920	0.000	0.0
1925	0.000	0.0
1930	0.000	0.0
1935	0.000	0.0
1940	0.000	0.0
1945	0.000	0.0
1950	0.000	0.0
1955	0.000	0.0
1960	0.000	0.0
1965	0.000	0.0
1970	0.000	0.0
1975	0.000	0.0
1980	0.000	0.0
1985	0.000	0.0
1990	0.000	0.0
1995	0.000	0.0
2000	0.000	0.0
2005	0.000	0.0
2010	0.000	0.0
2015	0.000	0.0
2020	0.000	0.0
2025	0.000	0.0
2030	0.000	0.0
2035	0.000	0.0
2040	0.000	0.0
2045	0.000	0.0
2050	0.000	0.0
2055	0.000	0.0
2060	0.000	0.0
2065	0.000	0.0
2070	0.000	0.0
2075	0.000	0.0
2080	0.000	0.0
2085	0.000	0.0
2090	0.000	0.0
2095	0.000	0.0
2100	0.000	0.0
2105	0.000	0.0
2110	0.000	0.0
2115	0.000	0.0
2120	0.000	0.0
2125	0.000	0.0
2130	0.000	0.0
2135	0.000	0.0
2140	0.000	0.0
2145	0.000	0.0
2150	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2155	0.000	0.0
2160	0.000	0.0
2165	0.000	0.0
2170	0.000	0.0
2175	0.000	0.0
2180	0.000	0.0
2185	0.000	0.0
2190	0.000	0.0
2195	0.000	0.0
2200	0.000	0.0
2205	0.000	0.0
2210	0.000	0.0
2215	0.000	0.0
2220	0.000	0.0
2225	0.000	0.0
2230	0.000	0.0
2235	0.000	0.0
2240	0.000	0.0
2245	0.000	0.0
2250	0.000	0.0
2255	0.000	0.0
2260	0.000	0.0
2265	0.000	0.0
2270	0.000	0.0
2275	0.000	0.0
2280	0.000	0.0
2285	0.000	0.0
2290	0.000	0.0
2295	0.000	0.0
2300	0.000	0.0
2305	0.000	0.0
2310	0.000	0.0
2315	0.000	0.0
2320	0.000	0.0
2325	0.000	0.0
2330	0.000	0.0
2335	0.000	0.0
2340	0.000	0.0
2345	0.000	0.0
2350	0.000	0.0
2355	0.000	0.0
2360	0.000	0.0
2365	0.000	0.0
2370	0.000	0.0
2375	0.000	0.0
2380	0.000	0.0
2385	0.000	0.0
2390	0.000	0.0
2395	0.000	0.0
2400	0.000	0.0
2405	0.000	0.0
2410	0.000	0.0
2415	0.000	0.0
2420	0.000	0.0
2425	0.000	0.0
2430	0.000	0.0
2435	0.000	0.0
2440	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2445	0.000	0.0
2450	0.000	0.0
2455	0.000	0.0
2460	0.000	0.0
2465	0.000	0.0
2470	0.000	0.0
2475	0.000	0.0
2480	0.000	0.0
2485	0.000	0.0
2490	0.000	0.0
2495	0.000	0.0
2500	0.000	0.0
2505	0.000	0.0
2510	0.000	0.0
2515	0.000	0.0
2520	0.000	0.0
2525	0.000	0.0
2530	0.000	0.0
2535	0.000	0.0
2540	0.000	0.0
2545	0.000	0.0
2550	0.000	0.0
2555	0.000	0.0
2560	0.000	0.0
2565	0.000	0.0
2570	0.000	0.0
2575	0.000	0.0
2580	0.000	0.0
2585	0.000	0.0
2590	0.000	0.0
2595	0.000	0.0
2600	0.000	0.0
2605	0.000	0.0
2610	0.000	0.0
2615	0.000	0.0
2620	0.000	0.0
2625	0.000	0.0
2630	0.000	0.0
2635	0.000	0.0
2640	0.000	0.0
2645	0.000	0.0
2650	0.000	0.0
2655	0.000	0.0
2660	0.000	0.0
2665	0.000	0.0
2670	0.000	0.0
2675	0.000	0.0
2680	0.000	0.0
2685	0.000	0.0
2690	0.000	0.0
2695	0.000	0.0
2700	0.000	0.0
2705	0.000	0.0
2710	0.000	0.0
2715	0.000	0.0
2720	0.000	0.0
2725	0.000	0.0
2730	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
2735	0.000	0.0
2740	0.000	0.0
2745	0.000	0.0
2750	0.000	0.0
2755	0.000	0.0
2760	0.000	0.0
2765	0.000	0.0
2770	0.000	0.0
2775	0.000	0.0
2780	0.000	0.0
2785	0.000	0.0
2790	0.000	0.0
2795	0.000	0.0
2800	0.000	0.0
2805	0.000	0.0
2810	0.000	0.0
2815	0.000	0.0
2820	0.000	0.0
2825	0.000	0.0
2830	0.000	0.0
2835	0.000	0.0
2840	0.000	0.0
2845	0.000	0.0
2850	0.000	0.0
2855	0.000	0.0
2860	0.000	0.0
2865	0.000	0.0
2870	0.000	0.0
2875	0.000	0.0
2880	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

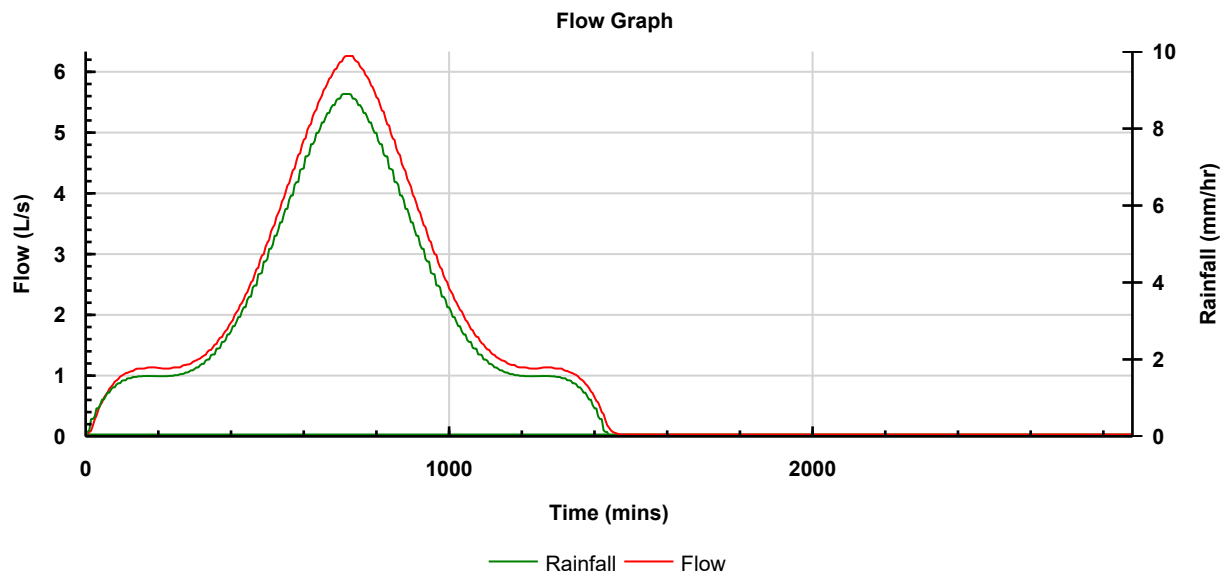


Pipe 1.03

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Winter

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.002	0.0
10	0.003	0.0
15	0.005	0.1
20	0.008	0.2
25	0.010	0.2
30	0.012	0.3
35	0.014	0.4
40	0.016	0.5
45	0.016	0.5
50	0.017	0.6
55	0.018	0.7
60	0.018	0.7
65	0.019	0.8
70	0.019	0.8
75	0.020	0.8
80	0.020	0.9
85	0.021	0.9
90	0.021	0.9
95	0.021	1.0
100	0.022	1.0
105	0.022	1.0
110	0.022	1.0
115	0.022	1.0
120	0.022	1.0

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Time (mins)	Depth (m)	Flow (L/s)
125	0.022	1.0
130	0.022	1.0
135	0.023	1.1
140	0.023	1.1
145	0.023	1.1
150	0.023	1.1
155	0.023	1.1
160	0.023	1.1
165	0.023	1.1
170	0.023	1.1
175	0.023	1.1
180	0.023	1.1
185	0.023	1.1
190	0.023	1.1
195	0.023	1.1
200	0.023	1.1
205	0.023	1.1
210	0.023	1.1
215	0.023	1.1
220	0.023	1.1
225	0.023	1.1
230	0.023	1.1
235	0.023	1.1
240	0.023	1.1
245	0.023	1.1
250	0.023	1.1
255	0.023	1.1
260	0.023	1.1
265	0.023	1.1
270	0.023	1.1
275	0.023	1.1
280	0.023	1.2
285	0.023	1.2
290	0.024	1.2
295	0.024	1.2
300	0.024	1.2
305	0.024	1.2
310	0.024	1.2
315	0.024	1.3
320	0.025	1.3
325	0.025	1.3
330	0.025	1.3
335	0.026	1.4
340	0.026	1.4
345	0.026	1.4
350	0.026	1.4
355	0.027	1.5
360	0.027	1.5
365	0.027	1.6
370	0.028	1.6
375	0.028	1.6
380	0.028	1.7
385	0.029	1.7
390	0.029	1.7
395	0.030	1.8
400	0.030	1.9
405	0.030	1.9
410	0.031	2.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
415	0.031	2.0
420	0.032	2.1
425	0.032	2.1
430	0.032	2.2
435	0.033	2.2
440	0.033	2.3
445	0.034	2.4
450	0.034	2.4
455	0.035	2.5
460	0.035	2.5
465	0.035	2.6
470	0.036	2.7
475	0.036	2.8
480	0.037	2.9
485	0.037	3.0
490	0.038	3.0
495	0.038	3.1
500	0.039	3.2
505	0.039	3.2
510	0.040	3.4
515	0.040	3.4
520	0.041	3.5
525	0.041	3.6
530	0.042	3.7
535	0.042	3.7
540	0.043	3.9
545	0.043	3.9
550	0.043	4.0
555	0.044	4.1
560	0.044	4.2
565	0.045	4.3
570	0.045	4.4
575	0.045	4.4
580	0.046	4.5
585	0.047	4.6
590	0.047	4.6
595	0.047	4.8
600	0.048	4.9
605	0.048	4.9
610	0.048	5.0
615	0.049	5.1
620	0.049	5.1
625	0.050	5.3
630	0.050	5.3
635	0.050	5.4
640	0.051	5.5
645	0.051	5.5
650	0.051	5.6
655	0.052	5.7
660	0.052	5.7
665	0.052	5.8
670	0.052	5.9
675	0.052	5.9
680	0.053	6.0
685	0.053	6.0
690	0.053	6.0
695	0.053	6.1
700	0.054	6.2

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Time (mins)	Depth (m)	Flow (L/s)
705	0.054	6.2
710	0.054	6.2
715	0.054	6.3
720	0.054	6.3
725	0.054	6.3
730	0.054	6.3
735	0.054	6.3
740	0.054	6.2
745	0.054	6.2
750	0.054	6.2
755	0.053	6.1
760	0.053	6.1
765	0.053	6.0
770	0.053	5.9
775	0.052	5.9
780	0.052	5.9
785	0.052	5.8
790	0.052	5.7
795	0.051	5.7
800	0.051	5.6
805	0.051	5.6
810	0.050	5.5
815	0.050	5.4
820	0.050	5.3
825	0.049	5.2
830	0.049	5.1
835	0.049	5.1
840	0.048	5.0
845	0.048	4.9
850	0.048	4.9
855	0.047	4.7
860	0.047	4.7
865	0.046	4.6
870	0.046	4.5
875	0.045	4.4
880	0.045	4.4
885	0.045	4.2
890	0.044	4.2
895	0.044	4.1
900	0.043	4.0
905	0.043	3.9
910	0.042	3.8
915	0.042	3.7
920	0.042	3.7
925	0.041	3.6
930	0.040	3.5
935	0.040	3.4
940	0.040	3.3
945	0.039	3.2
950	0.039	3.2
955	0.038	3.1
960	0.038	3.0
965	0.038	3.0
970	0.037	2.8
975	0.036	2.8
980	0.036	2.7
985	0.035	2.6
990	0.035	2.6

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Time (mins)	Depth (m)	Flow (L/s)
995	0.035	2.5
1000	0.034	2.4
1005	0.034	2.4
1010	0.033	2.3
1015	0.033	2.2
1020	0.032	2.2
1025	0.032	2.1
1030	0.032	2.1
1035	0.031	2.0
1040	0.031	2.0
1045	0.030	1.9
1050	0.030	1.9
1055	0.030	1.8
1060	0.029	1.7
1065	0.029	1.7
1070	0.028	1.7
1075	0.028	1.6
1080	0.028	1.6
1085	0.027	1.5
1090	0.027	1.5
1095	0.027	1.5
1100	0.026	1.4
1105	0.026	1.4
1110	0.026	1.4
1115	0.025	1.4
1120	0.025	1.3
1125	0.025	1.3
1130	0.025	1.3
1135	0.025	1.3
1140	0.024	1.2
1145	0.024	1.2
1150	0.024	1.2
1155	0.024	1.2
1160	0.024	1.2
1165	0.024	1.2
1170	0.023	1.2
1175	0.023	1.2
1180	0.023	1.2
1185	0.023	1.1
1190	0.023	1.1
1195	0.023	1.1
1200	0.023	1.1
1205	0.023	1.1
1210	0.023	1.1
1215	0.023	1.1
1220	0.023	1.1
1225	0.023	1.1
1230	0.023	1.1
1235	0.023	1.1
1240	0.023	1.1
1245	0.023	1.1
1250	0.023	1.1
1255	0.023	1.1
1260	0.023	1.1
1265	0.023	1.1
1270	0.023	1.1
1275	0.023	1.1
1280	0.023	1.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
1285	0.023	1.1
1290	0.023	1.1
1295	0.023	1.1
1300	0.023	1.1
1305	0.023	1.1
1310	0.023	1.1
1315	0.023	1.1
1320	0.022	1.1
1325	0.022	1.1
1330	0.022	1.0
1335	0.022	1.0
1340	0.022	1.0
1345	0.022	1.0
1350	0.022	1.0
1355	0.021	1.0
1360	0.021	0.9
1365	0.021	0.9
1370	0.020	0.9
1375	0.020	0.8
1380	0.020	0.8
1385	0.019	0.8
1390	0.019	0.7
1395	0.018	0.7
1400	0.017	0.6
1405	0.017	0.6
1410	0.016	0.5
1415	0.015	0.5
1420	0.013	0.4
1425	0.012	0.3
1430	0.010	0.2
1435	0.008	0.2
1440	0.006	0.1
1445	0.005	0.1
1450	0.004	0.0
1455	0.003	0.0
1460	0.002	0.0
1465	0.001	0.0
1470	0.001	0.0
1475	0.001	0.0
1480	0.001	0.0
1485	0.001	0.0
1490	0.001	0.0
1495	0.001	0.0
1500	0.001	0.0
1505	0.001	0.0
1510	0.001	0.0
1515	0.001	0.0
1520	0.001	0.0
1525	0.000	0.0
1530	0.000	0.0
1535	0.000	0.0
1540	0.000	0.0
1545	0.000	0.0
1550	0.000	0.0
1555	0.000	0.0
1560	0.000	0.0
1565	0.000	0.0
1570	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1575	0.000	0.0
1580	0.000	0.0
1585	0.000	0.0
1590	0.000	0.0
1595	0.000	0.0
1600	0.000	0.0
1605	0.000	0.0
1610	0.000	0.0
1615	0.000	0.0
1620	0.000	0.0
1625	0.000	0.0
1630	0.000	0.0
1635	0.000	0.0
1640	0.000	0.0
1645	0.000	0.0
1650	0.000	0.0
1655	0.000	0.0
1660	0.000	0.0
1665	0.000	0.0
1670	0.000	0.0
1675	0.000	0.0
1680	0.000	0.0
1685	0.000	0.0
1690	0.000	0.0
1695	0.000	0.0
1700	0.000	0.0
1705	0.000	0.0
1710	0.000	0.0
1715	0.000	0.0
1720	0.000	0.0
1725	0.000	0.0
1730	0.000	0.0
1735	0.000	0.0
1740	0.000	0.0
1745	0.000	0.0
1750	0.000	0.0
1755	0.000	0.0
1760	0.000	0.0
1765	0.000	0.0
1770	0.000	0.0
1775	0.000	0.0
1780	0.000	0.0
1785	0.000	0.0
1790	0.000	0.0
1795	0.000	0.0
1800	0.000	0.0
1805	0.000	0.0
1810	0.000	0.0
1815	0.000	0.0
1820	0.000	0.0
1825	0.000	0.0
1830	0.000	0.0
1835	0.000	0.0
1840	0.000	0.0
1845	0.000	0.0
1850	0.000	0.0
1855	0.000	0.0
1860	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
1865	0.000	0.0
1870	0.000	0.0
1875	0.000	0.0
1880	0.000	0.0
1885	0.000	0.0
1890	0.000	0.0
1895	0.000	0.0
1900	0.000	0.0
1905	0.000	0.0
1910	0.000	0.0
1915	0.000	0.0
1920	0.000	0.0
1925	0.000	0.0
1930	0.000	0.0
1935	0.000	0.0
1940	0.000	0.0
1945	0.000	0.0
1950	0.000	0.0
1955	0.000	0.0
1960	0.000	0.0
1965	0.000	0.0
1970	0.000	0.0
1975	0.000	0.0
1980	0.000	0.0
1985	0.000	0.0
1990	0.000	0.0
1995	0.000	0.0
2000	0.000	0.0
2005	0.000	0.0
2010	0.000	0.0
2015	0.000	0.0
2020	0.000	0.0
2025	0.000	0.0
2030	0.000	0.0
2035	0.000	0.0
2040	0.000	0.0
2045	0.000	0.0
2050	0.000	0.0
2055	0.000	0.0
2060	0.000	0.0
2065	0.000	0.0
2070	0.000	0.0
2075	0.000	0.0
2080	0.000	0.0
2085	0.000	0.0
2090	0.000	0.0
2095	0.000	0.0
2100	0.000	0.0
2105	0.000	0.0
2110	0.000	0.0
2115	0.000	0.0
2120	0.000	0.0
2125	0.000	0.0
2130	0.000	0.0
2135	0.000	0.0
2140	0.000	0.0
2145	0.000	0.0
2150	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2155	0.000	0.0
2160	0.000	0.0
2165	0.000	0.0
2170	0.000	0.0
2175	0.000	0.0
2180	0.000	0.0
2185	0.000	0.0
2190	0.000	0.0
2195	0.000	0.0
2200	0.000	0.0
2205	0.000	0.0
2210	0.000	0.0
2215	0.000	0.0
2220	0.000	0.0
2225	0.000	0.0
2230	0.000	0.0
2235	0.000	0.0
2240	0.000	0.0
2245	0.000	0.0
2250	0.000	0.0
2255	0.000	0.0
2260	0.000	0.0
2265	0.000	0.0
2270	0.000	0.0
2275	0.000	0.0
2280	0.000	0.0
2285	0.000	0.0
2290	0.000	0.0
2295	0.000	0.0
2300	0.000	0.0
2305	0.000	0.0
2310	0.000	0.0
2315	0.000	0.0
2320	0.000	0.0
2325	0.000	0.0
2330	0.000	0.0
2335	0.000	0.0
2340	0.000	0.0
2345	0.000	0.0
2350	0.000	0.0
2355	0.000	0.0
2360	0.000	0.0
2365	0.000	0.0
2370	0.000	0.0
2375	0.000	0.0
2380	0.000	0.0
2385	0.000	0.0
2390	0.000	0.0
2395	0.000	0.0
2400	0.000	0.0
2405	0.000	0.0
2410	0.000	0.0
2415	0.000	0.0
2420	0.000	0.0
2425	0.000	0.0
2430	0.000	0.0
2435	0.000	0.0
2440	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
2445	0.000	0.0
2450	0.000	0.0
2455	0.000	0.0
2460	0.000	0.0
2465	0.000	0.0
2470	0.000	0.0
2475	0.000	0.0
2480	0.000	0.0
2485	0.000	0.0
2490	0.000	0.0
2495	0.000	0.0
2500	0.000	0.0
2505	0.000	0.0
2510	0.000	0.0
2515	0.000	0.0
2520	0.000	0.0
2525	0.000	0.0
2530	0.000	0.0
2535	0.000	0.0
2540	0.000	0.0
2545	0.000	0.0
2550	0.000	0.0
2555	0.000	0.0
2560	0.000	0.0
2565	0.000	0.0
2570	0.000	0.0
2575	0.000	0.0
2580	0.000	0.0
2585	0.000	0.0
2590	0.000	0.0
2595	0.000	0.0
2600	0.000	0.0
2605	0.000	0.0
2610	0.000	0.0
2615	0.000	0.0
2620	0.000	0.0
2625	0.000	0.0
2630	0.000	0.0
2635	0.000	0.0
2640	0.000	0.0
2645	0.000	0.0
2650	0.000	0.0
2655	0.000	0.0
2660	0.000	0.0
2665	0.000	0.0
2670	0.000	0.0
2675	0.000	0.0
2680	0.000	0.0
2685	0.000	0.0
2690	0.000	0.0
2695	0.000	0.0
2700	0.000	0.0
2705	0.000	0.0
2710	0.000	0.0
2715	0.000	0.0
2720	0.000	0.0
2725	0.000	0.0
2730	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
2735	0.000	0.0
2740	0.000	0.0
2745	0.000	0.0
2750	0.000	0.0
2755	0.000	0.0
2760	0.000	0.0
2765	0.000	0.0
2770	0.000	0.0
2775	0.000	0.0
2780	0.000	0.0
2785	0.000	0.0
2790	0.000	0.0
2795	0.000	0.0
2800	0.000	0.0
2805	0.000	0.0
2810	0.000	0.0
2815	0.000	0.0
2820	0.000	0.0
2825	0.000	0.0
2830	0.000	0.0
2835	0.000	0.0
2840	0.000	0.0
2845	0.000	0.0
2850	0.000	0.0
2855	0.000	0.0
2860	0.000	0.0
2865	0.000	0.0
2870	0.000	0.0
2875	0.000	0.0
2880	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

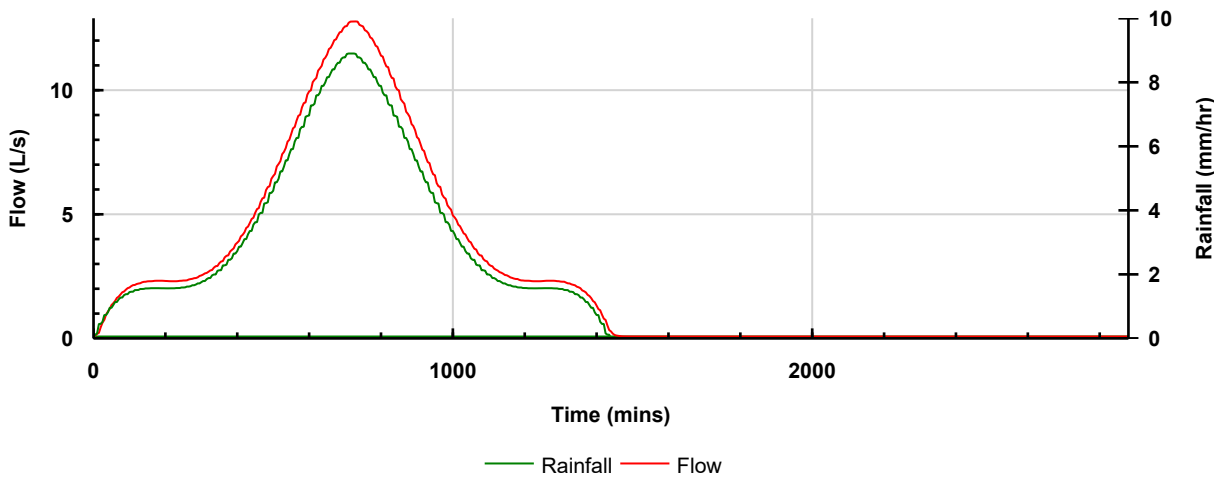


Pipe 1.04
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Winter

Type : Pipe

Graphs

Flow Graph



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.002	0.0
10	0.008	0.1
15	0.013	0.1
20	0.023	0.4
25	0.035	0.6
30	0.038	0.7
35	0.042	0.9
40	0.045	1.0
45	0.049	1.1
50	0.052	1.3
55	0.056	1.3
60	0.059	1.4
65	0.063	1.6
70	0.066	1.6
75	0.070	1.7
80	0.074	1.8
85	0.077	1.8
90	0.081	1.9
95	0.084	2.0
100	0.087	2.0
105	0.089	2.0
110	0.092	2.1
115	0.094	2.1
120	0.096	2.1

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Time (mins)	Depth (m)	Flow (L/s)
125	0.098	2.1
130	0.100	2.2
135	0.102	2.2
140	0.104	2.2
145	0.106	2.2
150	0.108	2.2
155	0.110	2.2
160	0.112	2.2
165	0.113	2.2
170	0.115	2.3
175	0.117	2.3
180	0.119	2.3
185	0.121	2.3
190	0.122	2.3
195	0.124	2.3
200	0.126	2.3
205	0.127	2.2
210	0.129	2.2
215	0.131	2.2
220	0.132	2.2
225	0.134	2.2
230	0.135	2.2
235	0.137	2.2
240	0.139	2.3
245	0.140	2.3
250	0.142	2.3
255	0.143	2.3
260	0.145	2.3
265	0.147	2.3
270	0.148	2.3
275	0.150	2.3
280	0.151	2.4
285	0.153	2.4
290	0.155	2.4
295	0.156	2.5
300	0.158	2.5
305	0.160	2.5
310	0.161	2.6
315	0.163	2.6
320	0.165	2.6
325	0.167	2.7
330	0.168	2.7
335	0.170	2.8
340	0.172	2.8
345	0.174	2.9
350	0.175	3.0
355	0.177	3.0
360	0.179	3.1
365	0.181	3.2
370	0.182	3.3
375	0.184	3.3
380	0.186	3.4
385	0.188	3.5
390	0.189	3.6
395	0.191	3.7
400	0.192	3.8
405	0.194	3.9
410	0.196	4.1

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Time (mins)	Depth (m)	Flow (L/s)
415	0.197	4.1
420	0.199	4.2
425	0.200	4.4
430	0.202	4.5
435	0.203	4.6
440	0.205	4.8
445	0.206	4.8
450	0.207	5.0
455	0.209	5.2
460	0.210	5.2
465	0.211	5.5
470	0.213	5.6
475	0.214	5.6
480	0.215	5.9
485	0.217	6.1
490	0.218	6.1
495	0.219	6.4
500	0.221	6.5
505	0.222	6.6
510	0.223	6.9
515	0.224	7.0
520	0.225	7.1
525	0.227	7.4
530	0.228	7.5
535	0.229	7.6
540	0.230	7.9
545	0.231	8.0
550	0.233	8.2
555	0.234	8.4
560	0.235	8.5
565	0.236	8.7
570	0.237	8.9
575	0.238	9.0
580	0.239	9.3
585	0.241	9.5
590	0.241	9.5
595	0.243	9.8
600	0.244	9.9
605	0.246	10.0
610	0.248	10.3
615	0.249	10.4
620	0.251	10.5
625	0.253	10.8
630	0.254	10.9
635	0.256	11.0
640	0.257	11.2
645	0.259	11.3
650	0.260	11.4
655	0.262	11.6
660	0.263	11.7
665	0.265	11.8
670	0.266	12.0
675	0.267	12.0
680	0.268	12.2
685	0.270	12.3
690	0.271	12.3
695	0.272	12.5
700	0.273	12.6

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
705	0.274	12.6
710	0.275	12.7
715	0.276	12.8
720	0.277	12.8
725	0.277	12.8
730	0.278	12.8
735	0.278	12.8
740	0.279	12.6
745	0.279	12.6
750	0.279	12.6
755	0.279	12.4
760	0.279	12.4
765	0.279	12.3
770	0.279	12.1
775	0.278	12.1
780	0.278	12.0
785	0.277	11.8
790	0.277	11.7
795	0.276	11.6
800	0.275	11.4
805	0.275	11.3
810	0.274	11.1
815	0.273	10.9
820	0.272	10.9
825	0.271	10.6
830	0.270	10.5
835	0.269	10.5
840	0.268	10.1
845	0.266	10.0
850	0.265	10.0
855	0.264	9.6
860	0.263	9.5
865	0.261	9.4
870	0.260	9.1
875	0.259	9.0
880	0.257	8.9
885	0.256	8.6
890	0.255	8.5
895	0.253	8.4
900	0.252	8.1
905	0.250	8.0
910	0.249	7.8
915	0.247	7.6
920	0.246	7.5
925	0.244	7.3
930	0.243	7.1
935	0.241	7.0
940	0.240	6.7
945	0.238	6.6
950	0.237	6.5
955	0.235	6.2
960	0.234	6.1
965	0.233	6.1
970	0.232	5.8
975	0.231	5.6
980	0.230	5.6
985	0.229	5.3
990	0.228	5.2

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
995	0.228	5.1
1000	0.226	4.9
1005	0.226	4.8
1010	0.225	4.7
1015	0.224	4.5
1020	0.223	4.5
1025	0.222	4.3
1030	0.221	4.2
1035	0.220	4.1
1040	0.219	4.0
1045	0.218	3.9
1050	0.218	3.8
1055	0.217	3.7
1060	0.216	3.6
1065	0.215	3.5
1070	0.214	3.4
1075	0.213	3.3
1080	0.213	3.3
1085	0.212	3.1
1090	0.211	3.1
1095	0.211	3.0
1100	0.210	2.9
1105	0.209	2.9
1110	0.209	2.8
1115	0.208	2.7
1120	0.207	2.7
1125	0.207	2.7
1130	0.206	2.6
1135	0.206	2.6
1140	0.205	2.5
1145	0.204	2.5
1150	0.204	2.5
1155	0.204	2.4
1160	0.203	2.4
1165	0.203	2.4
1170	0.202	2.3
1175	0.202	2.3
1180	0.202	2.3
1185	0.201	2.3
1190	0.201	2.3
1195	0.201	2.3
1200	0.200	2.3
1205	0.200	2.3
1210	0.200	2.3
1215	0.200	2.3
1220	0.199	2.2
1225	0.199	2.2
1230	0.199	2.2
1235	0.199	2.2
1240	0.199	2.2
1245	0.198	2.2
1250	0.198	2.2
1255	0.198	2.3
1260	0.198	2.3
1265	0.198	2.3
1270	0.198	2.3
1275	0.198	2.3
1280	0.198	2.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
1285	0.198	2.3
1290	0.198	2.2
1295	0.198	2.2
1300	0.197	2.2
1305	0.197	2.2
1310	0.197	2.2
1315	0.197	2.2
1320	0.197	2.2
1325	0.197	2.2
1330	0.197	2.1
1335	0.197	2.1
1340	0.196	2.1
1345	0.196	2.0
1350	0.196	2.0
1355	0.196	2.0
1360	0.195	1.9
1365	0.195	1.8
1370	0.195	1.8
1375	0.194	1.7
1380	0.194	1.6
1385	0.194	1.6
1390	0.193	1.4
1395	0.192	1.4
1400	0.192	1.3
1405	0.191	1.1
1410	0.190	1.1
1415	0.189	0.9
1420	0.188	0.7
1425	0.187	0.7
1430	0.185	0.5
1435	0.183	0.3
1440	0.182	0.2
1445	0.181	0.1
1450	0.180	0.1
1455	0.179	0.0
1460	0.178	0.0
1465	0.177	0.0
1470	0.176	0.0
1475	0.175	0.0
1480	0.174	0.0
1485	0.174	0.0
1490	0.173	0.0
1495	0.172	0.0
1500	0.172	0.0
1505	0.171	0.0
1510	0.171	0.0
1515	0.170	0.0
1520	0.170	0.0
1525	0.169	0.0
1530	0.169	0.0
1535	0.169	0.0
1540	0.168	0.0
1545	0.168	0.0
1550	0.168	0.0
1555	0.167	0.0
1560	0.167	0.0
1565	0.167	0.0
1570	0.166	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
1575	0.166	0.0
1580	0.166	0.0
1585	0.165	0.0
1590	0.165	0.0
1595	0.165	0.0
1600	0.165	0.0
1605	0.164	0.0
1610	0.164	0.0
1615	0.164	0.0
1620	0.164	0.0
1625	0.164	0.0
1630	0.163	0.0
1635	0.163	0.0
1640	0.163	0.0
1645	0.163	0.0
1650	0.163	0.0
1655	0.162	0.0
1660	0.162	0.0
1665	0.162	0.0
1670	0.162	0.0
1675	0.162	0.0
1680	0.162	0.0
1685	0.161	0.0
1690	0.161	0.0
1695	0.161	0.0
1700	0.161	0.0
1705	0.161	0.0
1710	0.161	0.0
1715	0.161	0.0
1720	0.160	0.0
1725	0.160	0.0
1730	0.160	0.0
1735	0.160	0.0
1740	0.160	0.0
1745	0.160	0.0
1750	0.160	0.0
1755	0.160	0.0
1760	0.159	0.0
1765	0.159	0.0
1770	0.159	0.0
1775	0.159	0.0
1780	0.159	0.0
1785	0.159	0.0
1790	0.159	0.0
1795	0.159	0.0
1800	0.159	0.0
1805	0.159	0.0
1810	0.159	0.0
1815	0.158	0.0
1820	0.158	0.0
1825	0.158	0.0
1830	0.158	0.0
1835	0.158	0.0
1840	0.159	0.0
1845	0.158	0.0
1850	0.158	0.0
1855	0.157	0.0
1860	0.158	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
1865	0.158	0.0
1870	0.158	0.0
1875	0.158	0.0
1880	0.157	0.0
1885	0.158	0.0
1890	0.157	0.0
1895	0.157	0.0
1900	0.157	0.0
1905	0.157	0.0
1910	0.157	0.0
1915	0.157	0.0
1920	0.157	0.0
1925	0.157	0.0
1930	0.156	0.0
1935	0.157	0.0
1940	0.157	0.0
1945	0.157	0.0
1950	0.157	0.0
1955	0.156	0.0
1960	0.157	0.0
1965	0.156	0.0
1970	0.156	0.0
1975	0.156	0.0
1980	0.156	0.0
1985	0.156	0.0
1990	0.156	0.0
1995	0.156	0.0
2000	0.156	0.0
2005	0.156	0.0
2010	0.156	0.0
2015	0.156	0.0
2020	0.156	0.0
2025	0.156	0.0
2030	0.157	0.0
2035	0.155	0.0
2040	0.155	0.0
2045	0.155	0.0
2050	0.155	0.0
2055	0.156	0.0
2060	0.155	0.0
2065	0.155	0.0
2070	0.156	0.0
2075	0.155	0.0
2080	0.156	0.0
2085	0.155	0.0
2090	0.155	0.0
2095	0.155	0.0
2100	0.155	0.0
2105	0.156	0.0
2110	0.155	0.0
2115	0.155	0.0
2120	0.155	0.0
2125	0.156	0.0
2130	0.155	0.0
2135	0.155	0.0
2140	0.155	0.0
2145	0.155	0.0
2150	0.154	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2155	0.155	0.0
2160	0.154	0.0
2165	0.155	0.0
2170	0.155	0.0
2175	0.154	0.0
2180	0.154	0.0
2185	0.155	0.0
2190	0.155	0.0
2195	0.154	0.0
2200	0.154	0.0
2205	0.155	0.0
2210	0.154	0.0
2215	0.154	0.0
2220	0.154	0.0
2225	0.154	0.0
2230	0.154	0.0
2235	0.154	0.0
2240	0.155	0.0
2245	0.154	0.0
2250	0.154	0.0
2255	0.154	0.0
2260	0.154	0.0
2265	0.154	0.0
2270	0.154	0.0
2275	0.154	0.0
2280	0.154	0.0
2285	0.154	0.0
2290	0.154	0.0
2295	0.154	0.0
2300	0.153	0.0
2305	0.154	0.0
2310	0.154	0.0
2315	0.153	0.0
2320	0.154	0.0
2325	0.154	0.0
2330	0.154	0.0
2335	0.153	0.0
2340	0.154	0.0
2345	0.153	0.0
2350	0.154	0.0
2355	0.154	0.0
2360	0.153	0.0
2365	0.153	0.0
2370	0.153	0.0
2375	0.153	0.0
2380	0.154	0.0
2385	0.154	0.0
2390	0.154	0.0
2395	0.153	0.0
2400	0.153	0.0
2405	0.154	0.0
2410	0.153	0.0
2415	0.153	0.0
2420	0.153	0.0
2425	0.153	0.0
2430	0.154	0.0
2435	0.153	0.0
2440	0.153	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
2445	0.153	0.0
2450	0.153	0.0
2455	0.153	0.0
2460	0.153	0.0
2465	0.153	0.0
2470	0.153	0.0
2475	0.152	0.0
2480	0.153	0.0
2485	0.153	0.0
2490	0.152	0.0
2495	0.153	0.0
2500	0.153	0.0
2505	0.153	0.0
2510	0.153	0.0
2515	0.153	0.0
2520	0.153	0.0
2525	0.152	0.0
2530	0.152	0.0
2535	0.153	0.0
2540	0.153	0.0
2545	0.153	0.0
2550	0.152	0.0
2555	0.152	0.0
2560	0.152	0.0
2565	0.152	0.0
2570	0.153	0.0
2575	0.152	0.0
2580	0.152	0.0
2585	0.153	0.0
2590	0.152	0.0
2595	0.153	0.0
2600	0.152	0.0
2605	0.152	0.0
2610	0.153	0.0
2615	0.153	0.0
2620	0.152	0.0
2625	0.152	0.0
2630	0.153	0.0
2635	0.152	0.0
2640	0.152	0.0
2645	0.152	0.0
2650	0.152	0.0
2655	0.153	0.0
2660	0.152	0.0
2665	0.152	0.0
2670	0.152	0.0
2675	0.152	0.0
2680	0.152	0.0
2685	0.153	0.0
2690	0.152	0.0
2695	0.152	0.0
2700	0.152	0.0
2705	0.152	0.0
2710	0.152	0.0
2715	0.152	0.0
2720	0.152	0.0
2725	0.152	0.0
2730	0.153	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
2735	0.152	0.0
2740	0.153	0.0
2745	0.152	0.0
2750	0.152	0.0
2755	0.152	0.0
2760	0.152	0.0
2765	0.152	0.0
2770	0.152	0.0
2775	0.152	0.0
2780	0.152	0.0
2785	0.152	0.0
2790	0.153	0.0
2795	0.153	0.0
2800	0.152	0.0
2805	0.152	0.0
2810	0.152	0.0
2815	0.152	0.0
2820	0.152	0.0
2825	0.152	0.0
2830	0.152	0.0
2835	0.152	0.0
2840	0.152	0.0
2845	0.152	0.0
2850	0.152	0.0
2855	0.152	0.0
2860	0.152	0.0
2865	0.152	0.0
2870	0.152	0.0
2875	0.152	0.0
2880	0.152	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
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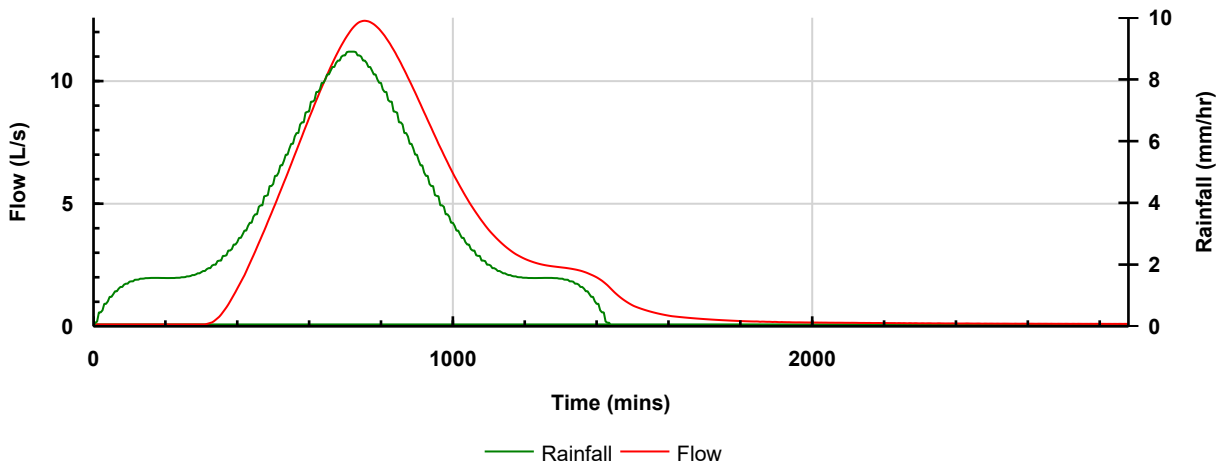


Pipe Outfall
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Winter

Type : Pipe

Graphs

Flow Graph



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.000	0.0
35	0.000	0.0
40	0.000	0.0
45	0.000	0.0
50	0.000	0.0
55	0.000	0.0
60	0.000	0.0
65	0.000	0.0
70	0.000	0.0
75	0.000	0.0
80	0.000	0.0
85	0.000	0.0
90	0.000	0.0
95	0.000	0.0
100	0.000	0.0
105	0.000	0.0
110	0.000	0.0
115	0.000	0.0
120	0.000	0.0

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Time (mins)	Depth (m)	Flow (L/s)
125	0.000	0.0
130	0.000	0.0
135	0.000	0.0
140	0.000	0.0
145	0.000	0.0
150	0.000	0.0
155	0.000	0.0
160	0.000	0.0
165	0.000	0.0
170	0.000	0.0
175	0.000	0.0
180	0.000	0.0
185	0.000	0.0
190	0.000	0.0
195	0.000	0.0
200	0.000	0.0
205	0.000	0.0
210	0.000	0.0
215	0.000	0.0
220	0.000	0.0
225	0.000	0.0
230	0.000	0.0
235	0.000	0.0
240	0.000	0.0
245	0.000	0.0
250	0.000	0.0
255	0.000	0.0
260	0.000	0.0
265	0.000	0.0
270	0.000	0.0
275	0.000	0.0
280	0.000	0.0
285	0.000	0.0
290	0.000	0.0
295	0.000	0.0
300	0.000	0.0
305	0.000	0.0
310	0.000	0.0
315	0.001	0.0
320	0.003	0.0
325	0.004	0.1
330	0.006	0.1
335	0.007	0.1
340	0.009	0.2
345	0.010	0.3
350	0.012	0.3
355	0.013	0.4
360	0.014	0.5
365	0.016	0.6
370	0.017	0.7
375	0.018	0.8
380	0.019	0.9
385	0.021	1.1
390	0.022	1.2
395	0.023	1.3
400	0.024	1.5
405	0.025	1.6
410	0.026	1.7

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
415	0.027	1.9
420	0.028	2.0
425	0.029	2.2
430	0.030	2.3
435	0.031	2.5
440	0.032	2.7
445	0.033	2.8
450	0.034	3.0
455	0.035	3.2
460	0.036	3.3
465	0.037	3.5
470	0.038	3.7
475	0.039	3.8
480	0.040	4.0
485	0.041	4.2
490	0.042	4.4
495	0.043	4.6
500	0.044	4.7
505	0.045	4.9
510	0.045	5.1
515	0.046	5.3
520	0.047	5.5
525	0.048	5.6
530	0.049	5.8
535	0.050	6.0
540	0.051	6.2
545	0.051	6.4
550	0.052	6.6
555	0.053	6.8
560	0.054	7.0
565	0.055	7.1
570	0.056	7.3
575	0.056	7.5
580	0.057	7.7
585	0.058	7.9
590	0.059	8.1
595	0.060	8.3
600	0.060	8.5
605	0.061	8.6
610	0.062	8.8
615	0.063	9.0
620	0.063	9.2
625	0.064	9.4
630	0.065	9.6
635	0.066	9.7
640	0.066	9.9
645	0.067	10.1
650	0.068	10.2
655	0.069	10.4
660	0.069	10.6
665	0.070	10.7
670	0.071	10.9
675	0.071	11.0
680	0.072	11.2
685	0.073	11.3
690	0.073	11.5
695	0.074	11.6
700	0.074	11.7

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
705	0.075	11.8
710	0.075	11.9
715	0.076	12.0
720	0.076	12.1
725	0.077	12.2
730	0.077	12.3
735	0.077	12.4
740	0.078	12.4
745	0.078	12.4
750	0.078	12.5
755	0.078	12.5
760	0.078	12.4
765	0.078	12.4
770	0.078	12.4
775	0.078	12.4
780	0.077	12.3
785	0.077	12.3
790	0.077	12.2
795	0.076	12.1
800	0.076	12.0
805	0.076	11.9
810	0.075	11.8
815	0.075	11.7
820	0.074	11.6
825	0.074	11.5
830	0.073	11.4
835	0.073	11.3
840	0.072	11.1
845	0.071	11.0
850	0.071	10.9
855	0.070	10.7
860	0.069	10.6
865	0.069	10.4
870	0.068	10.3
875	0.068	10.1
880	0.067	10.0
885	0.066	9.8
890	0.066	9.7
895	0.065	9.5
900	0.064	9.4
905	0.064	9.2
910	0.063	9.0
915	0.062	8.9
920	0.062	8.7
925	0.061	8.5
930	0.060	8.4
935	0.059	8.2
940	0.059	8.1
945	0.058	7.9
950	0.057	7.7
955	0.057	7.6
960	0.056	7.4
965	0.055	7.3
970	0.055	7.1
975	0.054	7.0
980	0.053	6.8
985	0.053	6.7
990	0.052	6.5

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Time (mins)	Depth (m)	Flow (L/s)
995	0.051	6.4
1000	0.051	6.2
1005	0.050	6.1
1010	0.049	5.9
1015	0.049	5.8
1020	0.048	5.7
1025	0.048	5.5
1030	0.047	5.4
1035	0.046	5.3
1040	0.046	5.2
1045	0.045	5.0
1050	0.045	4.9
1055	0.044	4.8
1060	0.044	4.7
1065	0.043	4.6
1070	0.042	4.5
1075	0.042	4.4
1080	0.041	4.3
1085	0.041	4.2
1090	0.040	4.1
1095	0.040	4.0
1100	0.039	3.9
1105	0.039	3.8
1110	0.039	3.7
1115	0.038	3.6
1120	0.038	3.6
1125	0.037	3.5
1130	0.037	3.4
1135	0.037	3.3
1140	0.036	3.3
1145	0.036	3.2
1150	0.035	3.2
1155	0.035	3.1
1160	0.035	3.0
1165	0.034	3.0
1170	0.034	2.9
1175	0.034	2.9
1180	0.034	2.8
1185	0.033	2.8
1190	0.033	2.8
1195	0.033	2.7
1200	0.033	2.7
1205	0.033	2.7
1210	0.032	2.6
1215	0.032	2.6
1220	0.032	2.6
1225	0.032	2.6
1230	0.032	2.5
1235	0.032	2.5
1240	0.031	2.5
1245	0.031	2.5
1250	0.031	2.5
1255	0.031	2.4
1260	0.031	2.4
1265	0.031	2.4
1270	0.031	2.4
1275	0.031	2.4
1280	0.031	2.4

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
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Time (mins)	Depth (m)	Flow (L/s)
1285	0.031	2.4
1290	0.031	2.4
1295	0.031	2.4
1300	0.031	2.3
1305	0.030	2.3
1310	0.030	2.3
1315	0.030	2.3
1320	0.030	2.3
1325	0.030	2.3
1330	0.030	2.3
1335	0.030	2.3
1340	0.030	2.3
1345	0.030	2.2
1350	0.030	2.2
1355	0.030	2.2
1360	0.029	2.2
1365	0.029	2.2
1370	0.029	2.1
1375	0.029	2.1
1380	0.029	2.1
1385	0.029	2.0
1390	0.028	2.0
1395	0.028	2.0
1400	0.028	1.9
1405	0.027	1.9
1410	0.027	1.8
1415	0.027	1.8
1420	0.026	1.7
1425	0.026	1.7
1430	0.025	1.6
1435	0.025	1.5
1440	0.024	1.5
1445	0.024	1.4
1450	0.023	1.3
1455	0.022	1.2
1460	0.022	1.2
1465	0.021	1.1
1470	0.021	1.1
1475	0.020	1.0
1480	0.020	1.0
1485	0.019	0.9
1490	0.019	0.9
1495	0.018	0.8
1500	0.018	0.8
1505	0.018	0.7
1510	0.017	0.7
1515	0.017	0.7
1520	0.017	0.7
1525	0.016	0.6
1530	0.016	0.6
1535	0.016	0.6
1540	0.015	0.6
1545	0.015	0.5
1550	0.015	0.5
1555	0.015	0.5
1560	0.014	0.5
1565	0.014	0.5
1570	0.014	0.5

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
1575	0.014	0.4
1580	0.013	0.4
1585	0.013	0.4
1590	0.013	0.4
1595	0.013	0.4
1600	0.013	0.4
1605	0.012	0.3
1610	0.012	0.3
1615	0.012	0.3
1620	0.012	0.3
1625	0.012	0.3
1630	0.012	0.3
1635	0.011	0.3
1640	0.011	0.3
1645	0.011	0.3
1650	0.011	0.3
1655	0.011	0.3
1660	0.011	0.3
1665	0.011	0.3
1670	0.011	0.3
1675	0.010	0.2
1680	0.010	0.2
1685	0.010	0.2
1690	0.010	0.2
1695	0.010	0.2
1700	0.010	0.2
1705	0.010	0.2
1710	0.010	0.2
1715	0.010	0.2
1720	0.010	0.2
1725	0.009	0.2
1730	0.009	0.2
1735	0.009	0.2
1740	0.009	0.2
1745	0.009	0.2
1750	0.009	0.2
1755	0.009	0.2
1760	0.009	0.2
1765	0.009	0.2
1770	0.009	0.2
1775	0.008	0.2
1780	0.008	0.2
1785	0.008	0.1
1790	0.008	0.1
1795	0.008	0.1
1800	0.008	0.1
1805	0.008	0.1
1810	0.008	0.1
1815	0.008	0.1
1820	0.008	0.1
1825	0.008	0.1
1830	0.008	0.1
1835	0.008	0.1
1840	0.008	0.1
1845	0.008	0.1
1850	0.007	0.1
1855	0.007	0.1
1860	0.007	0.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1865	0.007	0.1
1870	0.007	0.1
1875	0.007	0.1
1880	0.007	0.1
1885	0.007	0.1
1890	0.007	0.1
1895	0.007	0.1
1900	0.007	0.1
1905	0.007	0.1
1910	0.007	0.1
1915	0.007	0.1
1920	0.007	0.1
1925	0.007	0.1
1930	0.006	0.1
1935	0.006	0.1
1940	0.006	0.1
1945	0.006	0.1
1950	0.006	0.1
1955	0.006	0.1
1960	0.006	0.1
1965	0.006	0.1
1970	0.006	0.1
1975	0.006	0.1
1980	0.006	0.1
1985	0.006	0.1
1990	0.006	0.1
1995	0.006	0.1
2000	0.006	0.1
2005	0.006	0.1
2010	0.006	0.1
2015	0.006	0.1
2020	0.006	0.1
2025	0.006	0.1
2030	0.006	0.1
2035	0.006	0.1
2040	0.006	0.1
2045	0.006	0.1
2050	0.006	0.1
2055	0.006	0.1
2060	0.006	0.1
2065	0.006	0.1
2070	0.006	0.1
2075	0.006	0.1
2080	0.005	0.1
2085	0.005	0.1
2090	0.005	0.1
2095	0.005	0.1
2100	0.005	0.1
2105	0.005	0.1
2110	0.005	0.1
2115	0.005	0.1
2120	0.005	0.1
2125	0.005	0.1
2130	0.005	0.1
2135	0.005	0.1
2140	0.005	0.1
2145	0.005	0.1
2150	0.005	0.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2155	0.005	0.1
2160	0.005	0.1
2165	0.005	0.1
2170	0.005	0.1
2175	0.005	0.1
2180	0.005	0.1
2185	0.005	0.1
2190	0.005	0.1
2195	0.005	0.1
2200	0.005	0.1
2205	0.005	0.1
2210	0.005	0.1
2215	0.005	0.1
2220	0.005	0.1
2225	0.005	0.1
2230	0.005	0.1
2235	0.004	0.0
2240	0.005	0.1
2245	0.005	0.1
2250	0.004	0.0
2255	0.005	0.1
2260	0.004	0.0
2265	0.004	0.0
2270	0.004	0.1
2275	0.004	0.1
2280	0.004	0.0
2285	0.004	0.1
2290	0.004	0.1
2295	0.004	0.0
2300	0.004	0.0
2305	0.004	0.0
2310	0.004	0.0
2315	0.004	0.0
2320	0.004	0.0
2325	0.004	0.0
2330	0.004	0.0
2335	0.004	0.0
2340	0.004	0.0
2345	0.004	0.0
2350	0.004	0.0
2355	0.004	0.0
2360	0.004	0.0
2365	0.004	0.0
2370	0.004	0.0
2375	0.004	0.0
2380	0.004	0.0
2385	0.004	0.0
2390	0.004	0.0
2395	0.004	0.0
2400	0.004	0.0
2405	0.004	0.0
2410	0.004	0.0
2415	0.004	0.0
2420	0.004	0.0
2425	0.004	0.0
2430	0.004	0.0
2435	0.004	0.0
2440	0.004	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2445	0.004	0.0
2450	0.004	0.0
2455	0.003	0.0
2460	0.004	0.0
2465	0.004	0.0
2470	0.003	0.0
2475	0.003	0.0
2480	0.003	0.0
2485	0.003	0.0
2490	0.003	0.0
2495	0.003	0.0
2500	0.003	0.0
2505	0.003	0.0
2510	0.003	0.0
2515	0.003	0.0
2520	0.003	0.0
2525	0.003	0.0
2530	0.003	0.0
2535	0.003	0.0
2540	0.003	0.0
2545	0.003	0.0
2550	0.003	0.0
2555	0.003	0.0
2560	0.003	0.0
2565	0.003	0.0
2570	0.003	0.0
2575	0.003	0.0
2580	0.003	0.0
2585	0.003	0.0
2590	0.003	0.0
2595	0.003	0.0
2600	0.003	0.0
2605	0.003	0.0
2610	0.003	0.0
2615	0.003	0.0
2620	0.003	0.0
2625	0.003	0.0
2630	0.003	0.0
2635	0.003	0.0
2640	0.003	0.0
2645	0.003	0.0
2650	0.003	0.0
2655	0.003	0.0
2660	0.003	0.0
2665	0.003	0.0
2670	0.003	0.0
2675	0.003	0.0
2680	0.003	0.0
2685	0.003	0.0
2690	0.003	0.0
2695	0.003	0.0
2700	0.003	0.0
2705	0.003	0.0
2710	0.003	0.0
2715	0.003	0.0
2720	0.003	0.0
2725	0.003	0.0
2730	0.003	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 1.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
2735	0.003	0.0
2740	0.003	0.0
2745	0.003	0.0
2750	0.003	0.0
2755	0.003	0.0
2760	0.003	0.0
2765	0.003	0.0
2770	0.003	0.0
2775	0.003	0.0
2780	0.003	0.0
2785	0.003	0.0
2790	0.003	0.0
2795	0.003	0.0
2800	0.003	0.0
2805	0.003	0.0
2810	0.003	0.0
2815	0.003	0.0
2820	0.003	0.0
2825	0.003	0.0
2830	0.003	0.0
2835	0.003	0.0
2840	0.003	0.0
2845	0.003	0.0
2850	0.003	0.0
2855	0.003	0.0
2860	0.003	0.0
2865	0.003	0.0
2870	0.003	0.0
2875	0.003	0.0
2880	0.003	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Area Roof R Front

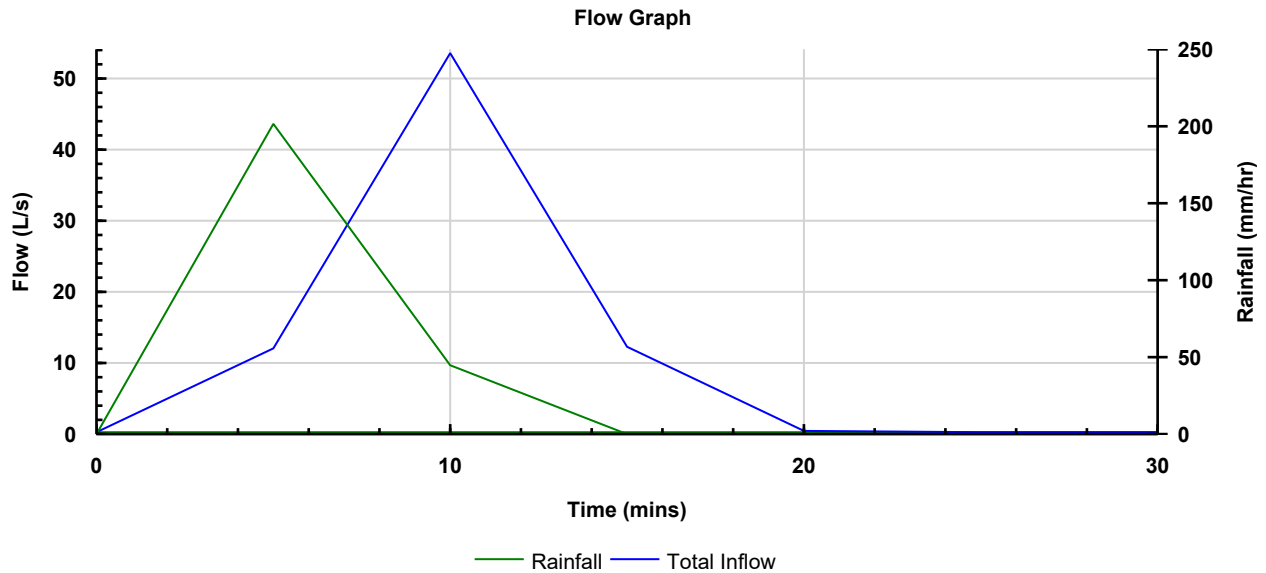
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Catchment Area

Inflow

Max. Inflow (L/s)	53.6
Total Inflow Volume (m³)	23.235

Graphs



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details: Type: Inflow Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Area Service Yard R

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

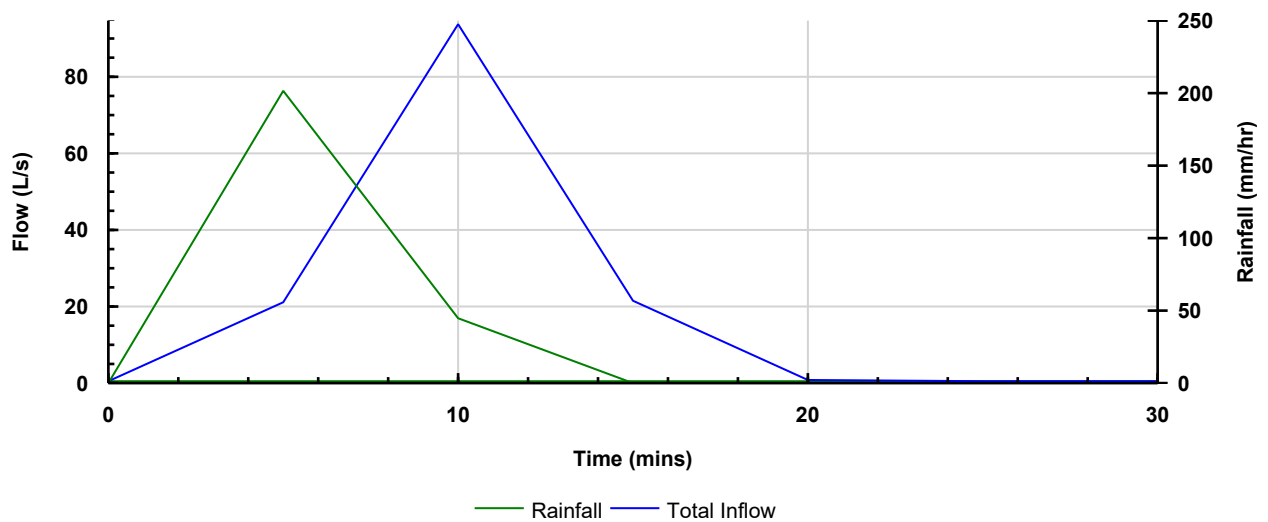
Type : Catchment Area

Inflow

Max. Inflow (L/s)	93.7
Total Inflow Volume (m³)	40.655

Graphs

Flow Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



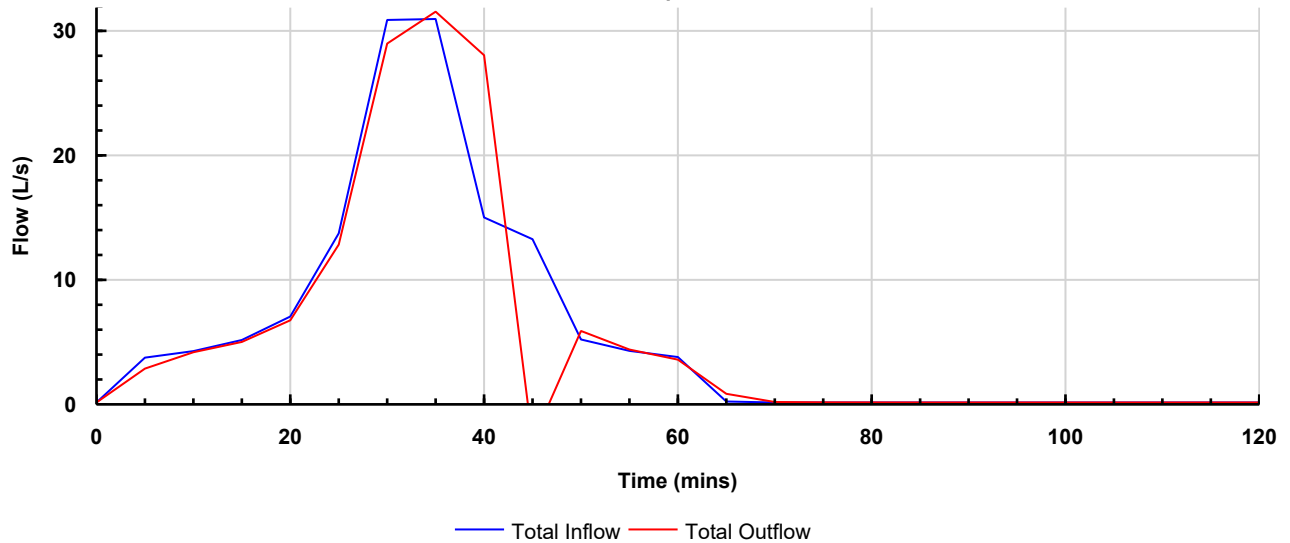
SMH-05

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

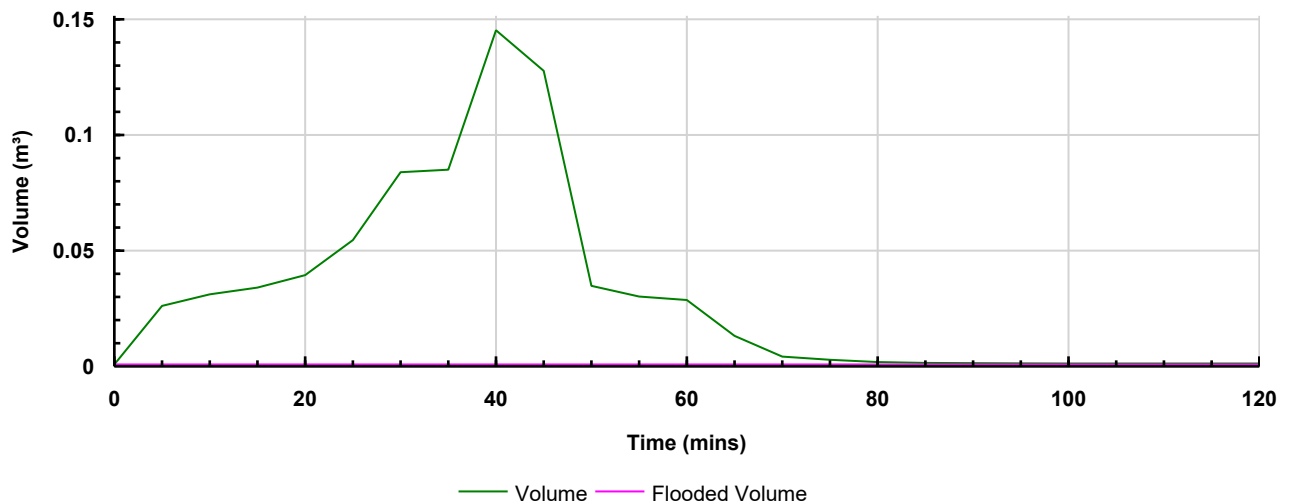
Type : Manhole

Graphs

Flow Graph

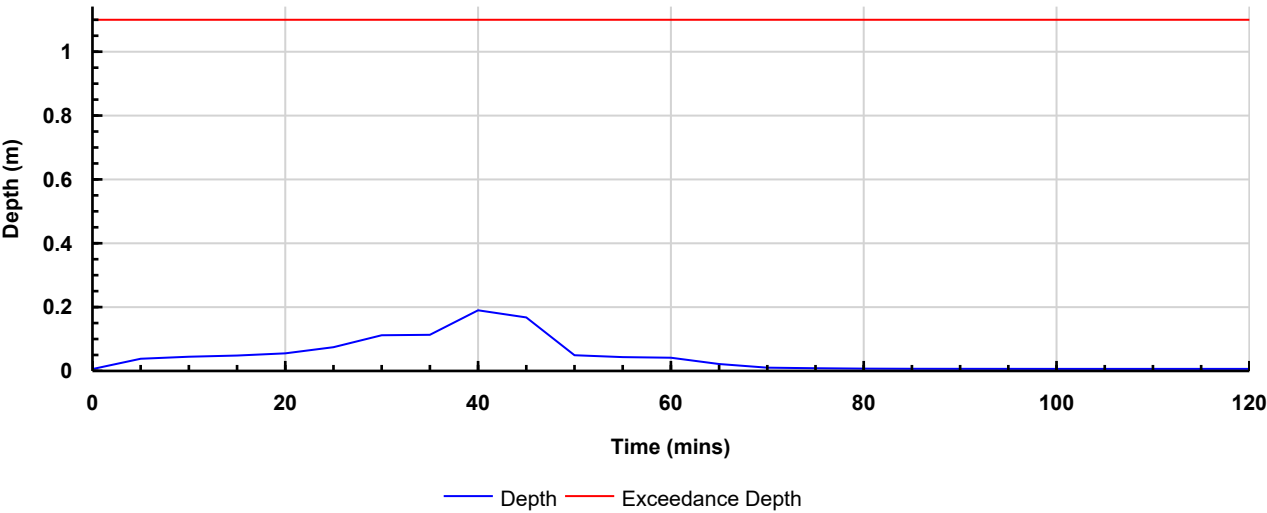


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
	Report Details:			
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	3.6	3.6	3.6	0.032	0.025	0.000	2.7
10	4.1	4.1	4.1	0.039	0.030	0.000	4.1
15	5.0	5.0	5.0	0.043	0.033	0.000	4.9
20	6.9	6.9	6.9	0.049	0.039	0.000	6.6
25	13.6	13.6	13.6	0.069	0.054	0.000	12.7
30	30.9	30.9	30.9	0.106	0.084	0.000	29.0
35	31.0	31.0	31.0	0.108	0.085	0.000	31.5
40	14.2	14.2	14.9	0.185	0.145	0.000	28.0
45	7.0	7.0	13.2	0.163	0.128	0.000	-3.1
50	5.1	5.1	5.1	0.044	0.034	0.000	5.8
55	4.2	4.2	4.2	0.038	0.030	0.000	4.3
60	3.7	3.7	3.7	0.036	0.028	0.000	3.5
65	0.1	0.1	0.1	0.016	0.012	0.000	0.7
70	0.0	0.0	0.0	0.004	0.003	0.000	0.0
75	0.0	0.0	0.0	0.003	0.002	0.000	0.0
80	0.0	0.0	0.0	0.001	0.001	0.000	0.0
85	0.0	0.0	0.0	0.001	0.001	0.000	0.0
90	0.0	0.0	0.0	0.001	0.001	0.000	0.0
95	0.0	0.0	0.0	0.001	0.000	0.000	0.0
100	0.0	0.0	0.0	0.001	0.000	0.000	0.0
105	0.0	0.0	0.0	0.001	0.000	0.000	0.0
110	0.0	0.0	0.0	0.001	0.000	0.000	0.0
115	0.0	0.0	0.0	0.001	0.000	0.000	0.0
120	0.0	0.0	0.0	0.001	0.000	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
0	0.0
5	2.7
10	4.1
15	4.9
20	6.6
25	12.7
30	29.0
35	31.5
40	28.0
45	-3.1
50	5.8
55	4.3
60	3.5
65	0.7
70	0.0
75	0.0
80	0.0
85	0.0
90	0.0
95	0.0
100	0.0
105	0.0
110	0.0
115	0.0
120	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



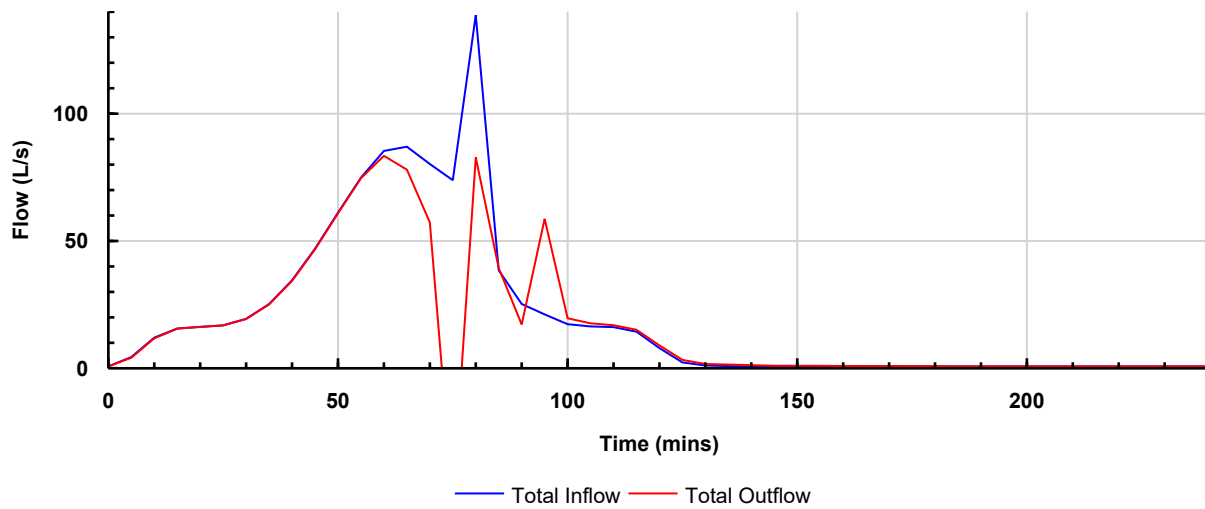
SMH-04

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 120 mins: Winter

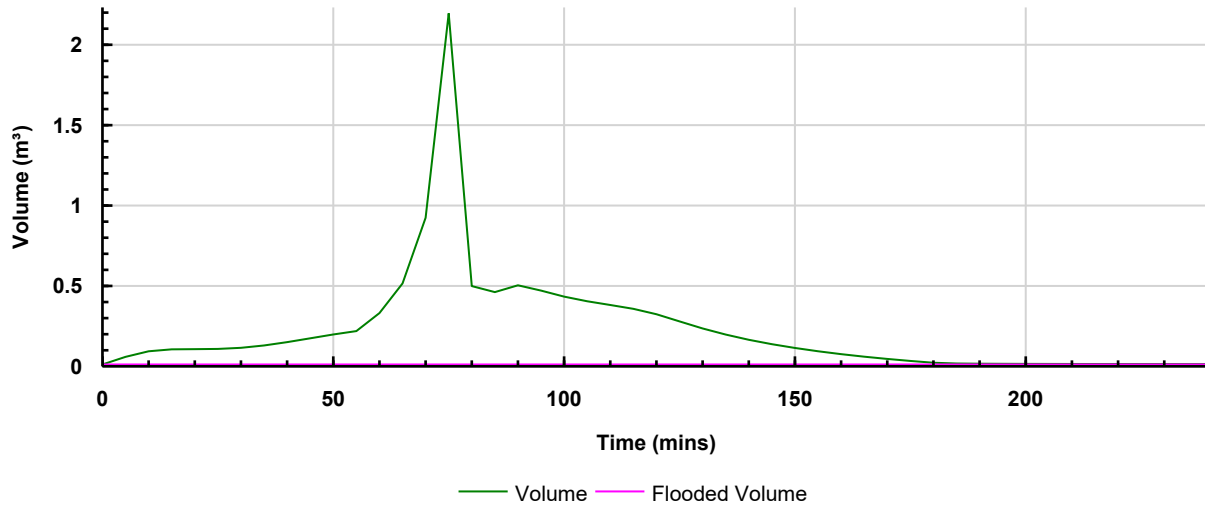
Type : Manhole

Graphs

Flow Graph

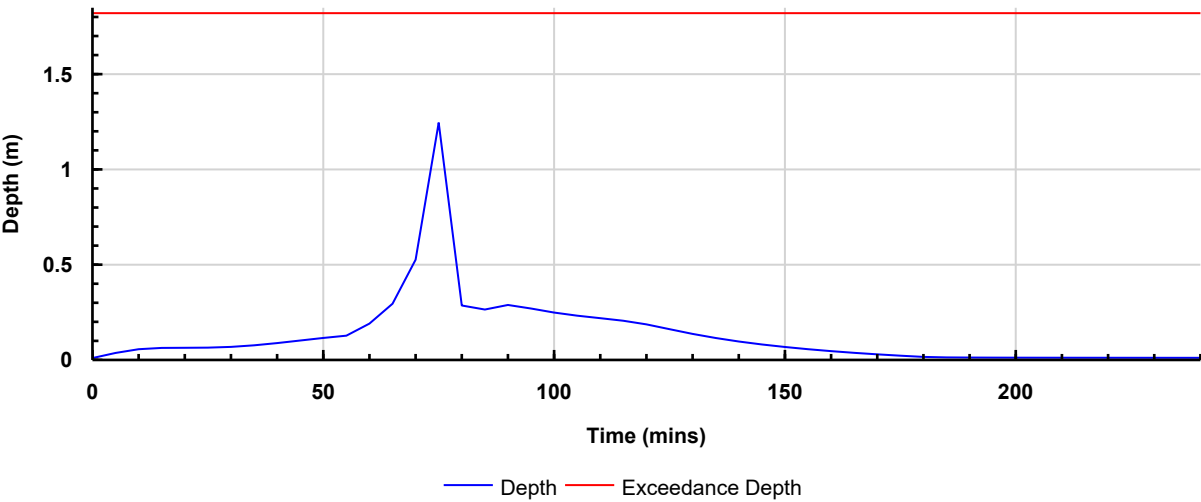


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	3.7	1.8	1.8	3.7	0.027	0.048	0.000
10	11.4	7.1	4.3	11.4	0.047	0.082	0.000
15	15.0	9.9	5.0	15.0	0.054	0.095	0.000
20	15.6	10.5	5.1	15.6	0.054	0.096	0.000
25	16.2	10.9	5.3	16.2	0.055	0.097	0.000
30	18.8	12.5	6.3	18.8	0.059	0.104	0.000
35	24.6	16.2	8.4	24.6	0.067	0.119	0.000
40	34.0	22.4	11.6	34.0	0.079	0.140	0.000
45	46.5	30.7	15.7	46.5	0.093	0.163	0.000
50	60.7	40.3	20.4	60.7	0.106	0.187	0.000
55	74.5	49.7	24.8	74.5	0.118	0.209	0.000
60	85.1	57.0	28.1	85.1	0.182	0.321	0.000
65	86.7	58.7	28.1	86.7	0.287	0.507	0.000
70	79.9	55.0	24.9	79.9	0.519	0.917	0.000
75	-55.7	-76.1	20.4	73.5	1.242	2.195	0.000
80	138.7	122.9	15.8	138.7	0.277	0.490	0.000
85	37.9	26.2	11.8	37.9	0.256	0.452	0.000
90	24.6	16.2	8.5	24.6	0.280	0.495	0.000
95	20.5	14.2	6.4	20.5	0.261	0.462	0.000
100	16.7	11.4	5.3	16.7	0.240	0.424	0.000
105	15.8	10.7	5.1	15.8	0.224	0.395	0.000
110	15.5	10.5	5.0	15.5	0.210	0.372	0.000
115	13.7	9.4	4.3	13.7	0.197	0.348	0.000
120	7.2	5.3	1.9	7.2	0.178	0.314	0.000
125	1.6	1.6	0.0	1.6	0.152	0.269	0.000
130	0.4	0.4	0.0	0.4	0.127	0.225	0.000
135	0.1	0.1	0.0	0.1	0.106	0.187	0.000
140	0.1	0.1	0.0	0.1	0.087	0.154	0.000
145	0.0	0.0	0.0	0.0	0.072	0.127	0.000
150	0.0	0.0	0.0	0.0	0.058	0.103	0.000
155	0.0	0.0	0.0	0.0	0.047	0.083	0.000
160	0.0	0.0	0.0	0.0	0.037	0.065	0.000
165	0.0	0.0	0.0	0.0	0.028	0.049	0.000
170	0.0	0.0	0.0	0.0	0.020	0.035	0.000
175	0.0	0.0	0.0	0.0	0.012	0.022	0.000
180	0.0	0.0	0.0	0.0	0.006	0.011	0.000
185	0.0	0.0	0.0	0.0	0.003	0.006	0.000
190	0.0	0.0	0.0	0.0	0.003	0.005	0.000
195	0.0	0.0	0.0	0.0	0.002	0.004	0.000
200	0.0	0.0	0.0	0.0	0.002	0.004	0.000
205	0.0	0.0	0.0	0.0	0.002	0.003	0.000
210	0.0	0.0	0.0	0.0	0.002	0.003	0.000
215	0.0	0.0	0.0	0.0	0.002	0.003	0.000
220	0.0	0.0	0.0	0.0	0.002	0.003	0.000
225	0.0	0.0	0.0	0.0	0.001	0.003	0.000
230	0.0	0.0	0.0	0.0	0.001	0.002	0.000
235	0.0	0.0	0.0	0.0	0.001	0.002	0.000
240	0.0	0.0	0.0	0.0	0.001	0.002	0.000

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0
5	3.4	3.4
10	11.1	11.1
15	14.9	14.9
20	15.6	15.6
25	16.2	16.2
30	18.7	18.7
35	24.5	24.5
40	33.8	33.8
45	46.2	46.2
50	60.4	60.4
55	74.3	74.3
60	83.1	83.1
65	77.7	77.7
70	56.9	56.9
75	-53.1	-53.1
80	82.5	82.5
85	38.8	38.8
90	16.6	16.6
95	58.3	58.3
100	19.0	19.0
105	17.0	17.0
110	16.3	16.3
115	14.5	14.5
120	8.3	8.3
125	2.6	2.6
130	0.9	0.9
135	0.7	0.7
140	0.5	0.5
145	0.3	0.3
150	0.3	0.3
155	0.2	0.2
160	0.2	0.2
165	0.1	0.1
170	0.1	0.1
175	0.1	0.1
180	0.1	0.1
185	0.0	0.0
190	0.0	0.0
195	0.0	0.0
200	0.0	0.0
205	0.0	0.0
210	0.0	0.0
215	0.0	0.0
220	0.0	0.0
225	0.0	0.0
230	0.0	0.0
235	0.0	0.0
240	0.0	0.0

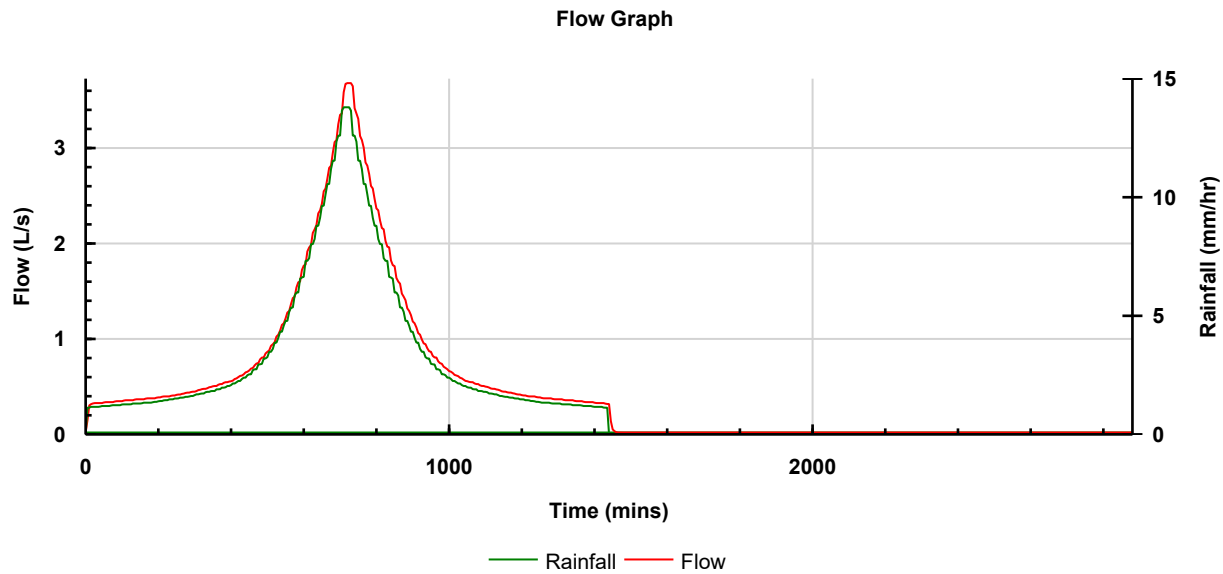
Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Pipe 2.01
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 1440 mins: Summer

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.007	0.1
10	0.011	0.3
15	0.011	0.3
20	0.011	0.3
25	0.012	0.3
30	0.012	0.3
35	0.012	0.3
40	0.012	0.3
45	0.012	0.3
50	0.012	0.3
55	0.012	0.3
60	0.012	0.3
65	0.012	0.3
70	0.012	0.3
75	0.012	0.3
80	0.012	0.3
85	0.012	0.3
90	0.012	0.3
95	0.012	0.3
100	0.012	0.3
105	0.012	0.3
110	0.012	0.3
115	0.012	0.3
120	0.012	0.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
125	0.012	0.3
130	0.012	0.3
135	0.012	0.3
140	0.012	0.3
145	0.012	0.3
150	0.012	0.3
155	0.012	0.3
160	0.012	0.3
165	0.012	0.4
170	0.012	0.4
175	0.012	0.4
180	0.012	0.4
185	0.012	0.4
190	0.012	0.4
195	0.012	0.4
200	0.013	0.4
205	0.013	0.4
210	0.013	0.4
215	0.013	0.4
220	0.013	0.4
225	0.013	0.4
230	0.013	0.4
235	0.013	0.4
240	0.013	0.4
245	0.013	0.4
250	0.013	0.4
255	0.013	0.4
260	0.013	0.4
265	0.013	0.4
270	0.013	0.4
275	0.013	0.4
280	0.013	0.4
285	0.013	0.4
290	0.013	0.4
295	0.013	0.4
300	0.013	0.4
305	0.013	0.4
310	0.014	0.4
315	0.014	0.4
320	0.014	0.5
325	0.014	0.5
330	0.014	0.5
335	0.014	0.5
340	0.014	0.5
345	0.014	0.5
350	0.014	0.5
355	0.014	0.5
360	0.014	0.5
365	0.014	0.5
370	0.014	0.5
375	0.014	0.5
380	0.015	0.5
385	0.015	0.5
390	0.015	0.5
395	0.015	0.5
400	0.015	0.5
405	0.015	0.5
410	0.015	0.6

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
415	0.015	0.6
420	0.015	0.6
425	0.016	0.6
430	0.016	0.6
435	0.016	0.6
440	0.016	0.6
445	0.016	0.6
450	0.016	0.7
455	0.017	0.7
460	0.017	0.7
465	0.017	0.7
470	0.017	0.7
475	0.017	0.7
480	0.018	0.8
485	0.018	0.8
490	0.018	0.8
495	0.018	0.8
500	0.018	0.8
505	0.019	0.9
510	0.019	0.9
515	0.019	0.9
520	0.019	1.0
525	0.020	1.0
530	0.020	1.0
535	0.021	1.1
540	0.021	1.1
545	0.021	1.1
550	0.022	1.2
555	0.022	1.3
560	0.022	1.3
565	0.023	1.4
570	0.023	1.4
575	0.024	1.4
580	0.024	1.5
585	0.025	1.6
590	0.025	1.6
595	0.026	1.7
600	0.026	1.8
605	0.026	1.8
610	0.027	1.9
615	0.027	1.9
620	0.027	2.0
625	0.028	2.1
630	0.028	2.1
635	0.029	2.2
640	0.029	2.3
645	0.030	2.3
650	0.030	2.4
655	0.031	2.5
660	0.031	2.6
665	0.032	2.7
670	0.032	2.8
675	0.032	2.8
680	0.033	2.9
685	0.034	3.1
690	0.034	3.1
695	0.035	3.2
700	0.035	3.3

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
705	0.035	3.4
710	0.036	3.6
715	0.037	3.7
720	0.037	3.7
725	0.037	3.7
730	0.037	3.7
735	0.037	3.6
740	0.036	3.4
745	0.035	3.4
750	0.035	3.3
755	0.034	3.1
760	0.034	3.1
765	0.033	3.0
770	0.033	2.8
775	0.032	2.8
780	0.032	2.7
785	0.031	2.6
790	0.031	2.6
795	0.030	2.5
800	0.030	2.4
805	0.030	2.3
810	0.029	2.2
815	0.028	2.2
820	0.028	2.1
825	0.028	2.0
830	0.027	2.0
835	0.027	2.0
840	0.026	1.8
845	0.026	1.8
850	0.026	1.8
855	0.025	1.6
860	0.025	1.6
865	0.025	1.6
870	0.024	1.5
875	0.024	1.4
880	0.023	1.4
885	0.023	1.3
890	0.022	1.3
895	0.022	1.2
900	0.021	1.2
905	0.021	1.2
910	0.021	1.1
915	0.020	1.0
920	0.020	1.0
925	0.020	1.0
930	0.019	0.9
935	0.019	0.9
940	0.019	0.9
945	0.019	0.9
950	0.018	0.9
955	0.018	0.8
960	0.018	0.8
965	0.018	0.8
970	0.017	0.7
975	0.017	0.7
980	0.017	0.7
985	0.017	0.7
990	0.017	0.7

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
995	0.016	0.7
1000	0.016	0.6
1005	0.016	0.6
1010	0.016	0.6
1015	0.016	0.6
1020	0.016	0.6
1025	0.016	0.6
1030	0.015	0.6
1035	0.015	0.6
1040	0.015	0.6
1045	0.015	0.5
1050	0.015	0.5
1055	0.015	0.5
1060	0.015	0.5
1065	0.015	0.5
1070	0.015	0.5
1075	0.015	0.5
1080	0.014	0.5
1085	0.014	0.5
1090	0.014	0.5
1095	0.014	0.5
1100	0.014	0.5
1105	0.014	0.5
1110	0.014	0.5
1115	0.014	0.5
1120	0.014	0.5
1125	0.014	0.5
1130	0.014	0.5
1135	0.014	0.5
1140	0.014	0.4
1145	0.013	0.4
1150	0.013	0.4
1155	0.013	0.4
1160	0.013	0.4
1165	0.013	0.4
1170	0.013	0.4
1175	0.013	0.4
1180	0.013	0.4
1185	0.013	0.4
1190	0.013	0.4
1195	0.013	0.4
1200	0.013	0.4
1205	0.013	0.4
1210	0.013	0.4
1215	0.013	0.4
1220	0.013	0.4
1225	0.013	0.4
1230	0.013	0.4
1235	0.013	0.4
1240	0.013	0.4
1245	0.013	0.4
1250	0.013	0.4
1255	0.012	0.4
1260	0.012	0.4
1265	0.012	0.4
1270	0.012	0.4
1275	0.012	0.4
1280	0.012	0.4

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
1285	0.012	0.4
1290	0.012	0.4
1295	0.012	0.4
1300	0.012	0.4
1305	0.012	0.4
1310	0.012	0.4
1315	0.012	0.3
1320	0.012	0.3
1325	0.012	0.3
1330	0.012	0.3
1335	0.012	0.3
1340	0.012	0.3
1345	0.012	0.3
1350	0.012	0.3
1355	0.012	0.3
1360	0.012	0.3
1365	0.012	0.3
1370	0.012	0.3
1375	0.012	0.3
1380	0.012	0.3
1385	0.012	0.3
1390	0.012	0.3
1395	0.012	0.3
1400	0.012	0.3
1405	0.012	0.3
1410	0.012	0.3
1415	0.012	0.3
1420	0.012	0.3
1425	0.012	0.3
1430	0.011	0.3
1435	0.011	0.3
1440	0.011	0.3
1445	0.007	0.1
1450	0.003	0.0
1455	0.001	0.0
1460	0.001	0.0
1465	0.000	0.0
1470	0.000	0.0
1475	0.000	0.0
1480	0.000	0.0
1485	0.000	0.0
1490	0.000	0.0
1495	0.000	0.0
1500	0.000	0.0
1505	0.000	0.0
1510	0.000	0.0
1515	0.000	0.0
1520	0.000	0.0
1525	0.000	0.0
1530	0.000	0.0
1535	0.000	0.0
1540	0.000	0.0
1545	0.000	0.0
1550	0.000	0.0
1555	0.000	0.0
1560	0.000	0.0
1565	0.000	0.0
1570	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1575	0.000	0.0
1580	0.000	0.0
1585	0.000	0.0
1590	0.000	0.0
1595	0.000	0.0
1600	0.000	0.0
1605	0.000	0.0
1610	0.000	0.0
1615	0.000	0.0
1620	0.000	0.0
1625	0.000	0.0
1630	0.000	0.0
1635	0.000	0.0
1640	0.000	0.0
1645	0.000	0.0
1650	0.000	0.0
1655	0.000	0.0
1660	0.000	0.0
1665	0.000	0.0
1670	0.000	0.0
1675	0.000	0.0
1680	0.000	0.0
1685	0.000	0.0
1690	0.000	0.0
1695	0.000	0.0
1700	0.000	0.0
1705	0.000	0.0
1710	0.000	0.0
1715	0.000	0.0
1720	0.000	0.0
1725	0.000	0.0
1730	0.000	0.0
1735	0.000	0.0
1740	0.000	0.0
1745	0.000	0.0
1750	0.000	0.0
1755	0.000	0.0
1760	0.000	0.0
1765	0.000	0.0
1770	0.000	0.0
1775	0.000	0.0
1780	0.000	0.0
1785	0.000	0.0
1790	0.000	0.0
1795	0.000	0.0
1800	0.000	0.0
1805	0.000	0.0
1810	0.000	0.0
1815	0.000	0.0
1820	0.000	0.0
1825	0.000	0.0
1830	0.000	0.0
1835	0.000	0.0
1840	0.000	0.0
1845	0.000	0.0
1850	0.000	0.0
1855	0.000	0.0
1860	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
		Designed by: MDJ	Checked by:
		Approved By: 	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
1865	0.000	0.0
1870	0.000	0.0
1875	0.000	0.0
1880	0.000	0.0
1885	0.000	0.0
1890	0.000	0.0
1895	0.000	0.0
1900	0.000	0.0
1905	0.000	0.0
1910	0.000	0.0
1915	0.000	0.0
1920	0.000	0.0
1925	0.000	0.0
1930	0.000	0.0
1935	0.000	0.0
1940	0.000	0.0
1945	0.000	0.0
1950	0.000	0.0
1955	0.000	0.0
1960	0.000	0.0
1965	0.000	0.0
1970	0.000	0.0
1975	0.000	0.0
1980	0.000	0.0
1985	0.000	0.0
1990	0.000	0.0
1995	0.000	0.0
2000	0.000	0.0
2005	0.000	0.0
2010	0.000	0.0
2015	0.000	0.0
2020	0.000	0.0
2025	0.000	0.0
2030	0.000	0.0
2035	0.000	0.0
2040	0.000	0.0
2045	0.000	0.0
2050	0.000	0.0
2055	0.000	0.0
2060	0.000	0.0
2065	0.000	0.0
2070	0.000	0.0
2075	0.000	0.0
2080	0.000	0.0
2085	0.000	0.0
2090	0.000	0.0
2095	0.000	0.0
2100	0.000	0.0
2105	0.000	0.0
2110	0.000	0.0
2115	0.000	0.0
2120	0.000	0.0
2125	0.000	0.0
2130	0.000	0.0
2135	0.000	0.0
2140	0.000	0.0
2145	0.000	0.0
2150	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025	
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Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	



Time (mins)	Depth (m)	Flow (L/s)
2155	0.000	0.0
2160	0.000	0.0
2165	0.000	0.0
2170	0.000	0.0
2175	0.000	0.0
2180	0.000	0.0
2185	0.000	0.0
2190	0.000	0.0
2195	0.000	0.0
2200	0.000	0.0
2205	0.000	0.0
2210	0.000	0.0
2215	0.000	0.0
2220	0.000	0.0
2225	0.000	0.0
2230	0.000	0.0
2235	0.000	0.0
2240	0.000	0.0
2245	0.000	0.0
2250	0.000	0.0
2255	0.000	0.0
2260	0.000	0.0
2265	0.000	0.0
2270	0.000	0.0
2275	0.000	0.0
2280	0.000	0.0
2285	0.000	0.0
2290	0.000	0.0
2295	0.000	0.0
2300	0.000	0.0
2305	0.000	0.0
2310	0.000	0.0
2315	0.000	0.0
2320	0.000	0.0
2325	0.000	0.0
2330	0.000	0.0
2335	0.000	0.0
2340	0.000	0.0
2345	0.000	0.0
2350	0.000	0.0
2355	0.000	0.0
2360	0.000	0.0
2365	0.000	0.0
2370	0.000	0.0
2375	0.000	0.0
2380	0.000	0.0
2385	0.000	0.0
2390	0.000	0.0
2395	0.000	0.0
2400	0.000	0.0
2405	0.000	0.0
2410	0.000	0.0
2415	0.000	0.0
2420	0.000	0.0
2425	0.000	0.0
2430	0.000	0.0
2435	0.000	0.0
2440	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
2445	0.000	0.0
2450	0.000	0.0
2455	0.000	0.0
2460	0.000	0.0
2465	0.000	0.0
2470	0.000	0.0
2475	0.000	0.0
2480	0.000	0.0
2485	0.000	0.0
2490	0.000	0.0
2495	0.000	0.0
2500	0.000	0.0
2505	0.000	0.0
2510	0.000	0.0
2515	0.000	0.0
2520	0.000	0.0
2525	0.000	0.0
2530	0.000	0.0
2535	0.000	0.0
2540	0.000	0.0
2545	0.000	0.0
2550	0.000	0.0
2555	0.000	0.0
2560	0.000	0.0
2565	0.000	0.0
2570	0.000	0.0
2575	0.000	0.0
2580	0.000	0.0
2585	0.000	0.0
2590	0.000	0.0
2595	0.000	0.0
2600	0.000	0.0
2605	0.000	0.0
2610	0.000	0.0
2615	0.000	0.0
2620	0.000	0.0
2625	0.000	0.0
2630	0.000	0.0
2635	0.000	0.0
2640	0.000	0.0
2645	0.000	0.0
2650	0.000	0.0
2655	0.000	0.0
2660	0.000	0.0
2665	0.000	0.0
2670	0.000	0.0
2675	0.000	0.0
2680	0.000	0.0
2685	0.000	0.0
2690	0.000	0.0
2695	0.000	0.0
2700	0.000	0.0
2705	0.000	0.0
2710	0.000	0.0
2715	0.000	0.0
2720	0.000	0.0
2725	0.000	0.0
2730	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 2.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Depth (m)	Flow (L/s)
2735	0.000	0.0
2740	0.000	0.0
2745	0.000	0.0
2750	0.000	0.0
2755	0.000	0.0
2760	0.000	0.0
2765	0.000	0.0
2770	0.000	0.0
2775	0.000	0.0
2780	0.000	0.0
2785	0.000	0.0
2790	0.000	0.0
2795	0.000	0.0
2800	0.000	0.0
2805	0.000	0.0
2810	0.000	0.0
2815	0.000	0.0
2820	0.000	0.0
2825	0.000	0.0
2830	0.000	0.0
2835	0.000	0.0
2840	0.000	0.0
2845	0.000	0.0
2850	0.000	0.0
2855	0.000	0.0
2860	0.000	0.0
2865	0.000	0.0
2870	0.000	0.0
2875	0.000	0.0
2880	0.000	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



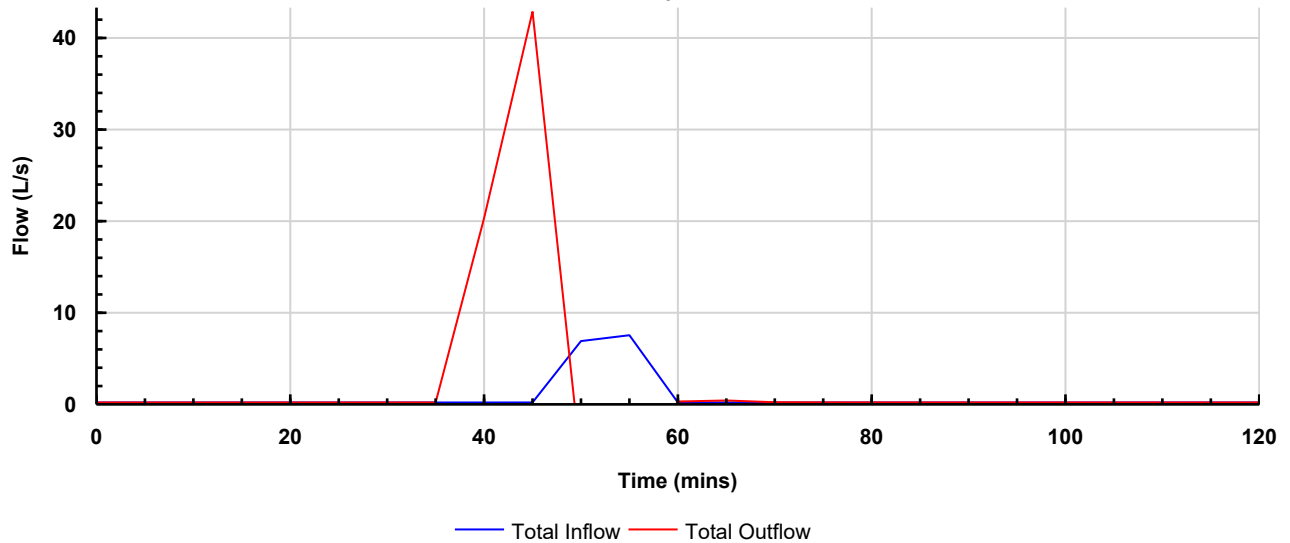
SMH-08

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

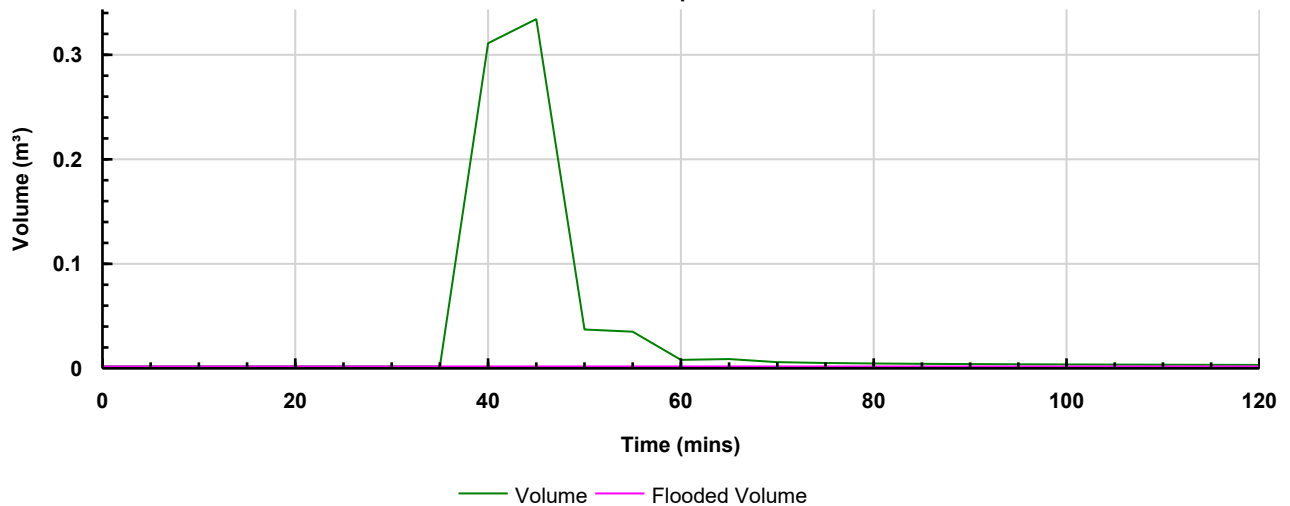
Type : Manhole

Graphs

Flow Graph

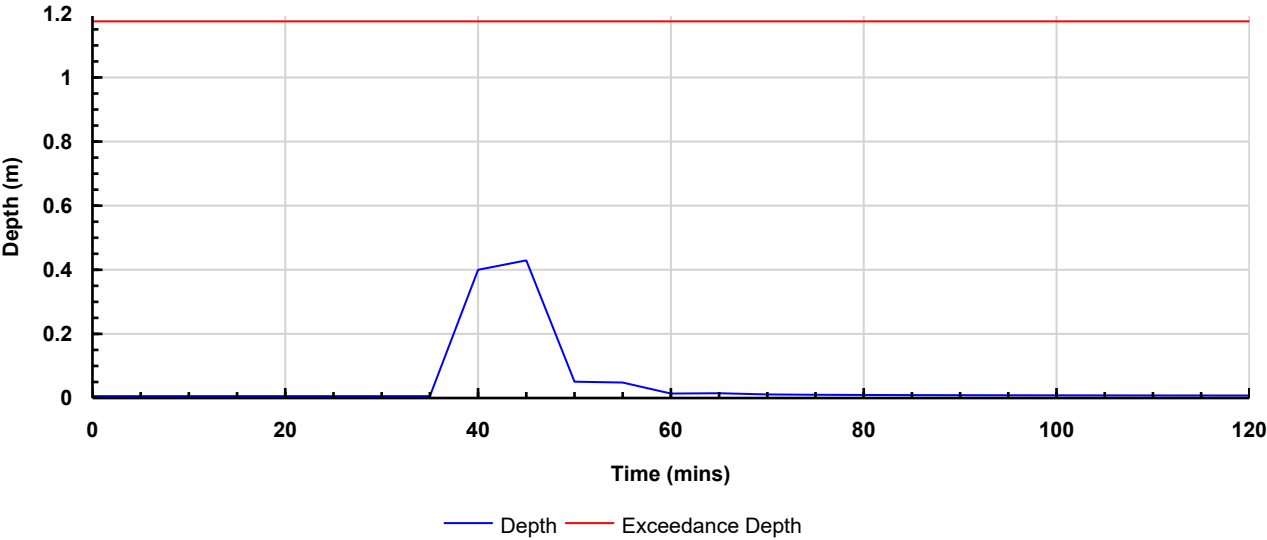


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Tables

Time (mins)	Total Approach Flow (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0	0.000	0.000	0.000	0.0	0.0
5	0.0	0.0	0.000	0.000	0.000	0.0	0.0
10	0.0	0.0	0.000	0.000	0.000	0.0	0.0
15	0.0	0.0	0.000	0.000	0.000	0.0	0.0
20	0.0	0.0	0.000	0.000	0.000	0.0	0.0
25	0.0	0.0	0.000	0.000	0.000	0.0	0.0
30	0.0	0.0	0.000	0.000	0.000	0.0	0.0
35	0.0	0.0	0.000	0.000	0.000	0.0	0.0
40	0.0	0.0	0.396	0.311	0.000	20.2	20.2
45	0.0	0.0	0.426	0.334	0.000	42.9	42.9
50	0.0	6.7	0.045	0.036	0.000	-6.7	-6.7
55	0.0	7.4	0.043	0.033	0.000	-7.4	-7.4
60	0.0	0.0	0.008	0.006	0.000	0.1	0.1
65	0.0	0.0	0.009	0.007	0.000	0.2	0.2
70	0.0	0.0	0.005	0.004	0.000	0.0	0.0
75	0.0	0.0	0.004	0.003	0.000	0.0	0.0
80	0.0	0.0	0.004	0.003	0.000	0.0	0.0
85	0.0	0.0	0.003	0.003	0.000	0.0	0.0
90	0.0	0.0	0.003	0.002	0.000	0.0	0.0
95	0.0	0.0	0.003	0.002	0.000	0.0	0.0
100	0.0	0.0	0.002	0.002	0.000	0.0	0.0
105	0.0	0.0	0.002	0.002	0.000	0.0	0.0
110	0.0	0.0	0.002	0.002	0.000	0.0	0.0
115	0.0	0.0	0.002	0.002	0.000	0.0	0.0
120	0.0	0.0	0.002	0.001	0.000	0.0	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



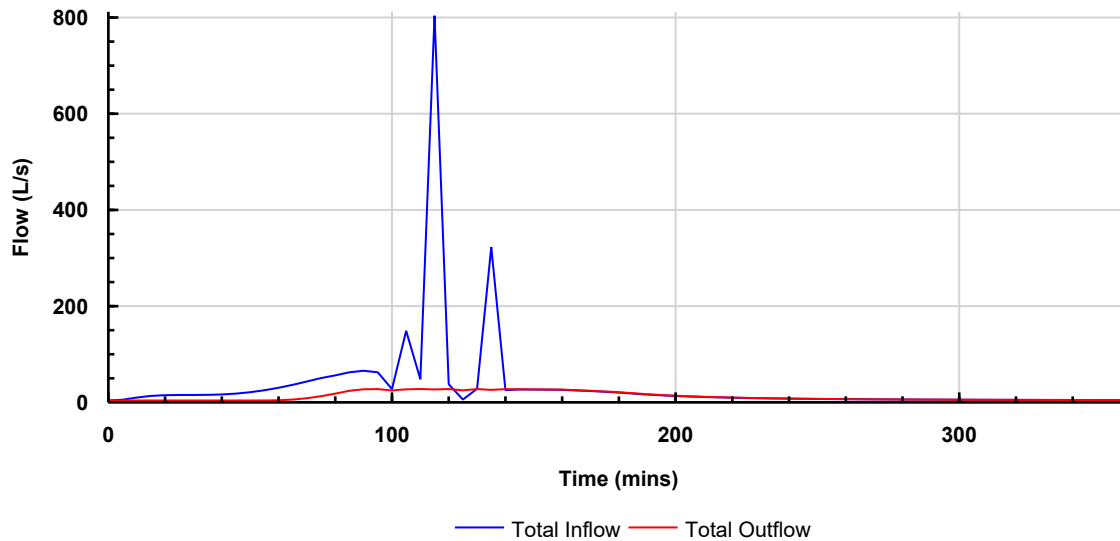
SMH-06

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 180 mins: Winter

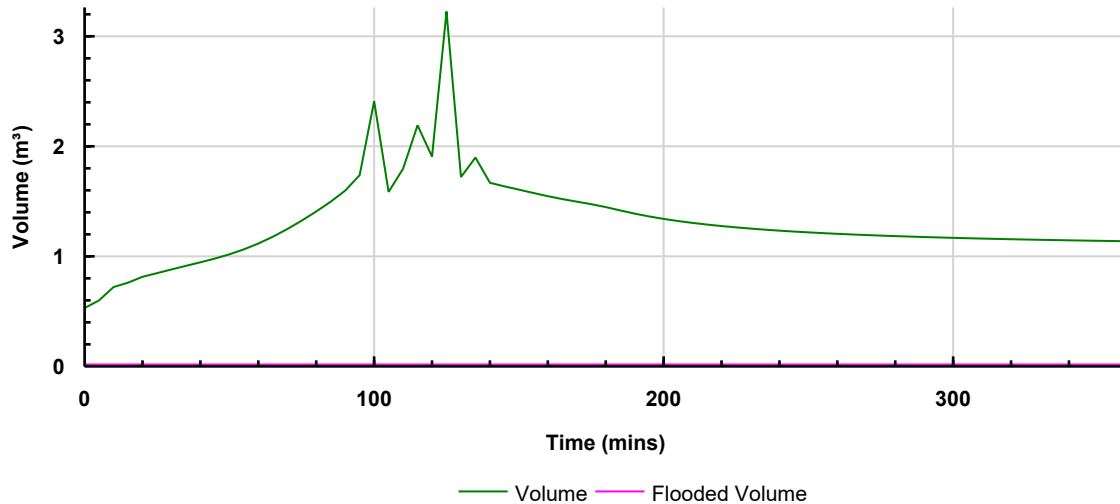
Type : Manhole

Graphs

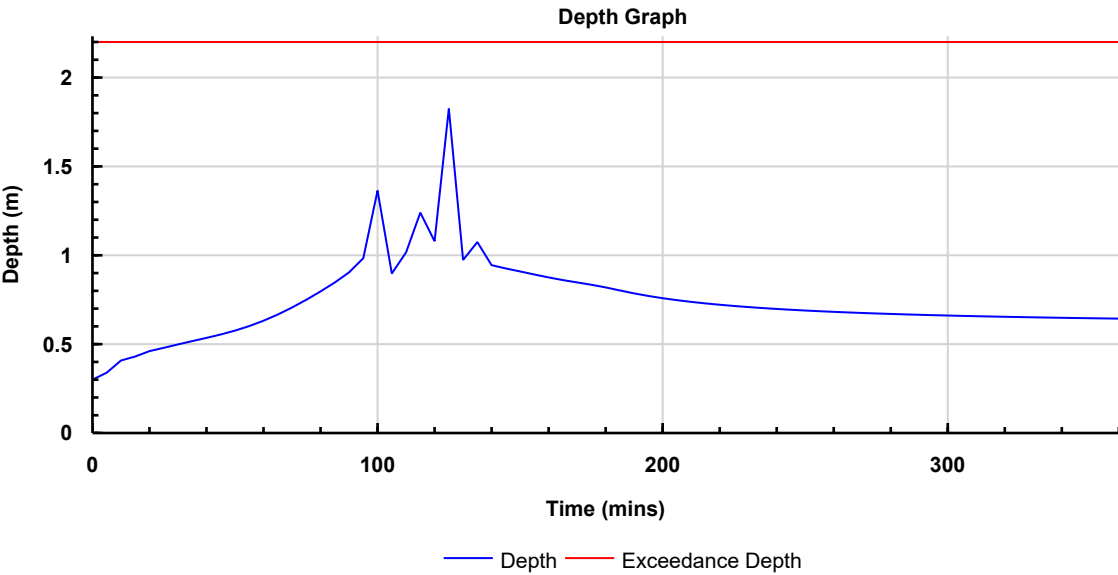
Flow Graph



Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	0.300	0.530	0.000	0.0
5	1.6	1.6	1.6	0.340	0.600	0.000	0.0
10	0.6	0.6	6.1	0.408	0.721	0.000	0.0
15	0.6	0.6	9.6	0.431	0.761	0.000	0.0
20	0.7	0.7	11.1	0.461	0.814	0.000	0.0
25	0.5	0.5	11.5	0.479	0.847	0.000	0.0
30	0.5	0.5	11.5	0.499	0.881	0.000	0.0
35	0.4	0.4	11.8	0.517	0.914	0.000	0.0
40	0.5	0.5	12.6	0.535	0.946	0.000	0.0
45	0.5	0.5	14.3	0.554	0.980	0.000	0.0
50	0.6	0.6	17.3	0.576	1.018	0.000	0.0
55	0.8	0.8	21.4	0.602	1.063	0.000	0.0
60	1.7	1.7	26.6	0.632	1.116	0.000	0.5
65	3.5	3.5	32.7	0.667	1.178	0.000	1.9
70	6.8	6.8	39.6	0.706	1.248	0.000	4.7
75	11.3	11.3	46.8	0.750	1.325	0.000	9.0
80	16.2	16.2	52.4	0.797	1.408	0.000	14.3
85	23.0	23.0	58.9	0.847	1.496	0.000	20.3
90	25.4	25.4	62.1	0.904	1.597	0.000	23.4
95	26.8	26.8	58.8	0.984	1.738	0.000	23.8
100	6.5	6.5	23.8	1.364	2.411	0.000	21.0
105	40.2	40.2	145.4	0.897	1.586	0.000	23.3
110	28.2	28.2	44.3	1.016	1.796	0.000	23.9
115	710.1	710.1	803.7	1.240	2.191	0.000	23.0
120	25.1	25.1	34.0	1.079	1.906	0.000	23.9
125	-23.8	-23.8	1.9	1.825	3.225	0.000	21.2
130	24.4	24.4	24.4	0.974	1.721	0.000	23.9
135	320.3	320.3	320.5	1.074	1.898	0.000	22.1
140	6.8	6.8	21.6	0.944	1.669	0.000	23.7
145	22.9	22.9	22.9	0.926	1.636	0.000	23.4
150	22.7	22.7	22.7	0.909	1.606	0.000	23.3
155	22.5	22.5	22.5	0.892	1.576	0.000	23.1
160	22.2	22.2	22.2	0.875	1.547	0.000	22.8
165	20.9	20.9	20.9	0.860	1.520	0.000	21.6
170	19.7	19.7	19.7	0.847	1.497	0.000	20.2
175	18.2	18.2	18.2	0.834	1.474	0.000	18.9
180	16.5	16.5	16.5	0.819	1.448	0.000	17.3
185	14.4	14.4	14.4	0.802	1.417	0.000	15.2
190	12.3	12.3	12.3	0.786	1.388	0.000	13.1
195	10.7	10.7	10.7	0.771	1.363	0.000	11.4
200	9.4	9.4	9.4	0.759	1.340	0.000	10.0
205	8.2	8.2	8.2	0.748	1.321	0.000	8.8
210	7.3	7.3	7.3	0.738	1.304	0.000	7.7
215	6.5	6.5	6.5	0.729	1.289	0.000	6.9
220	5.8	5.8	5.8	0.722	1.275	0.000	6.1
225	5.2	5.2	5.2	0.715	1.263	0.000	5.5
230	4.7	4.7	4.7	0.709	1.252	0.000	5.0
235	4.2	4.2	4.2	0.703	1.243	0.000	4.5
240	3.8	3.8	3.8	0.698	1.234	0.000	4.1
245	3.5	3.5	3.5	0.693	1.225	0.000	3.7
250	3.2	3.2	3.2	0.689	1.218	0.000	3.4
255	2.9	2.9	2.9	0.685	1.211	0.000	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0
35	0.0
40	0.0
45	0.0
50	0.0
55	0.0
60	0.5
65	1.9
70	4.7
75	9.0
80	14.3
85	20.3
90	23.4
95	23.8
100	21.0
105	23.3
110	23.9
115	23.0
120	23.9
125	21.2
130	23.9
135	22.1
140	23.7
145	23.4
150	23.3
155	23.1
160	22.8
165	21.6
170	20.2
175	18.9
180	17.3
185	15.2
190	13.1
195	11.4
200	10.0
205	8.8
210	7.7
215	6.9
220	6.1
225	5.5
230	5.0
235	4.5
240	4.1
245	3.7
250	3.4
255	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
260	2.7	2.7	2.7	0.682	1.205	0.000	2.9
265	2.5	2.5	2.5	0.678	1.199	0.000	2.6
270	2.3	2.3	2.3	0.675	1.194	0.000	2.4
275	2.1	2.1	2.1	0.673	1.189	0.000	2.3
280	2.0	2.0	2.0	0.670	1.184	0.000	2.1
285	1.9	1.9	1.9	0.668	1.180	0.000	2.0
290	1.7	1.7	1.7	0.665	1.176	0.000	1.8
295	1.6	1.6	1.6	0.663	1.172	0.000	1.7
300	1.6	1.6	1.6	0.661	1.168	0.000	1.6
305	1.5	1.5	1.5	0.659	1.165	0.000	1.5
310	1.4	1.4	1.4	0.657	1.161	0.000	1.5
315	1.3	1.3	1.3	0.656	1.158	0.000	1.4
320	1.2	1.2	1.2	0.654	1.156	0.000	1.3
325	1.2	1.2	1.2	0.652	1.153	0.000	1.2
330	1.1	1.1	1.1	0.651	1.150	0.000	1.2
335	1.0	1.0	1.0	0.650	1.148	0.000	1.1
340	1.0	1.0	1.0	0.648	1.146	0.000	1.0
345	0.9	0.9	0.9	0.647	1.143	0.000	1.0
350	0.9	0.9	0.9	0.646	1.141	0.000	0.9
355	0.8	0.8	0.8	0.645	1.139	0.000	0.9
360	0.8	0.8	0.8	0.644	1.137	0.000	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
260	2.9
265	2.6
270	2.4
275	2.3
280	2.1
285	2.0
290	1.8
295	1.7
300	1.6
305	1.5
310	1.5
315	1.4
320	1.3
325	1.2
330	1.2
335	1.1
340	1.0
345	1.0
350	0.9
355	0.9
360	0.8

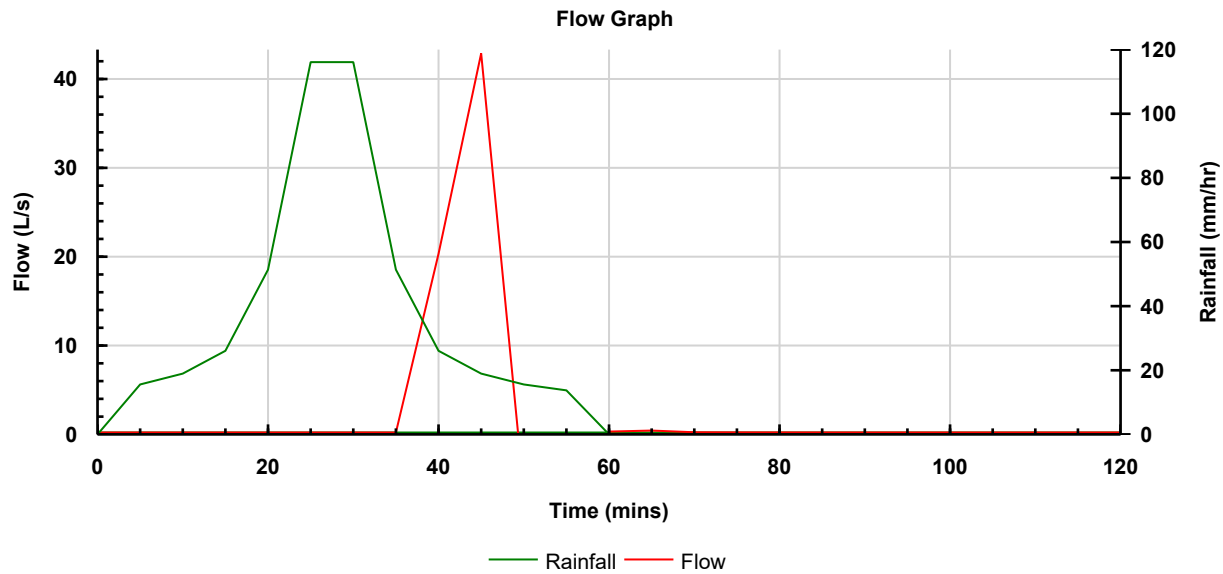
Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 3.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Pipe 3.01
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

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	0.000	0.0
20	0.000	0.0
25	0.014	0.0
30	0.080	0.0
35	0.175	0.0
40	0.300	20.2
45	0.300	42.9
50	0.300	-6.7
55	0.300	-7.4
60	0.177	0.1
65	0.174	0.2
70	0.154	0.0
75	0.137	0.0
80	0.123	0.0
85	0.111	0.0
90	0.101	0.0
95	0.093	0.0
100	0.085	0.0
105	0.079	0.0
110	0.074	0.0
115	0.069	0.0
120	0.065	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



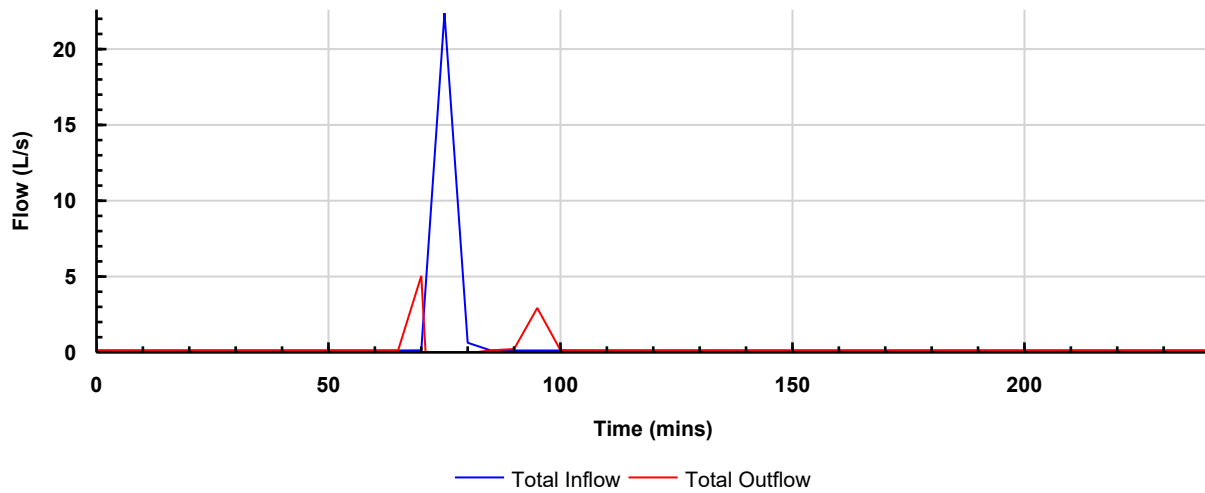
SMH-07

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 120 mins: Winter

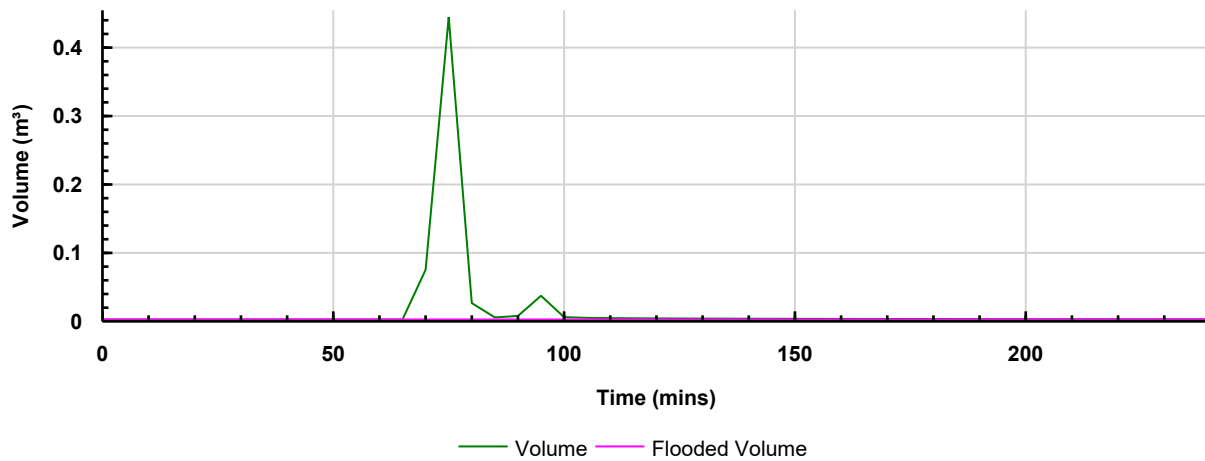
Type : Manhole

Graphs

Flow Graph

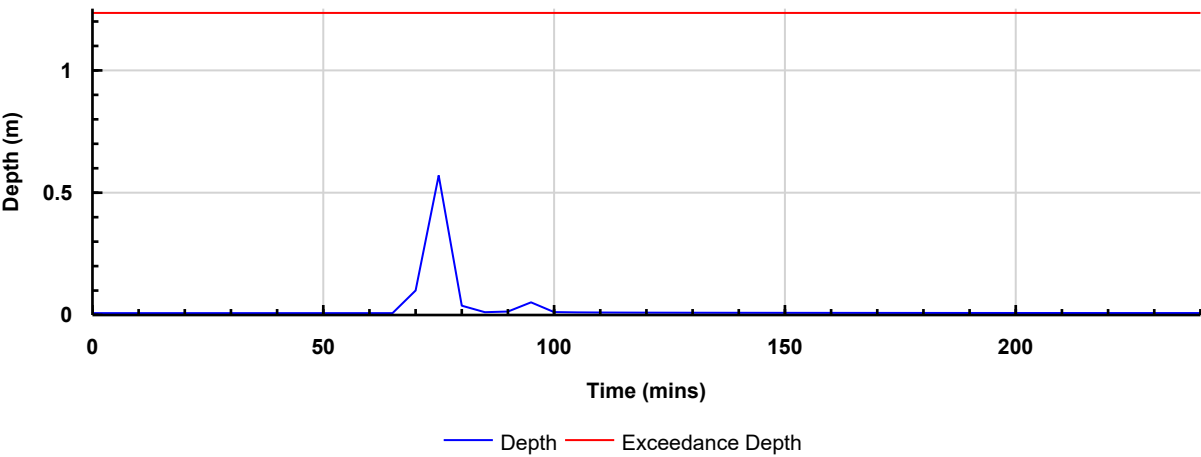


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Tables

Time (mins)	Total Approach Flow (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0	0.000	0.000	0.000	0.0	0.0
5	0.0	0.0	0.000	0.000	0.000	0.0	0.0
10	0.0	0.0	0.000	0.000	0.000	0.0	0.0
15	0.0	0.0	0.000	0.000	0.000	0.0	0.0
20	0.0	0.0	0.000	0.000	0.000	0.0	0.0
25	0.0	0.0	0.000	0.000	0.000	0.0	0.0
30	0.0	0.0	0.000	0.000	0.000	0.0	0.0
35	0.0	0.0	0.000	0.000	0.000	0.0	0.0
40	0.0	0.0	0.000	0.000	0.000	0.0	0.0
45	0.0	0.0	0.000	0.000	0.000	0.0	0.0
50	0.0	0.0	0.000	0.000	0.000	0.0	0.0
55	0.0	0.0	0.000	0.000	0.000	0.0	0.0
60	0.0	0.0	0.000	0.000	0.000	0.0	0.0
65	0.0	0.0	0.000	0.000	0.000	0.0	0.0
70	0.0	0.0	0.093	0.073	0.000	4.9	4.9
75	0.0	22.4	0.566	0.445	0.000	-22.4	-22.4
80	0.0	0.5	0.031	0.024	0.000	-0.2	-0.2
85	0.0	0.0	0.004	0.003	0.000	0.0	0.0
90	0.0	0.0	0.007	0.005	0.000	0.1	0.1
95	0.0	0.0	0.044	0.035	0.000	2.8	2.8
100	0.0	0.0	0.004	0.003	0.000	0.0	0.0
105	0.0	0.0	0.003	0.002	0.000	0.0	0.0
110	0.0	0.0	0.002	0.002	0.000	0.0	0.0
115	0.0	0.0	0.002	0.002	0.000	0.0	0.0
120	0.0	0.0	0.002	0.002	0.000	0.0	0.0
125	0.0	0.0	0.002	0.001	0.000	0.0	0.0
130	0.0	0.0	0.002	0.001	0.000	0.0	0.0
135	0.0	0.0	0.001	0.001	0.000	0.0	0.0
140	0.0	0.0	0.001	0.001	0.000	0.0	0.0
145	0.0	0.0	0.001	0.001	0.000	0.0	0.0
150	0.0	0.0	0.001	0.001	0.000	0.0	0.0
155	0.0	0.0	0.001	0.001	0.000	0.0	0.0
160	0.0	0.0	0.001	0.001	0.000	0.0	0.0
165	0.0	0.0	0.001	0.001	0.000	0.0	0.0
170	0.0	0.0	0.001	0.001	0.000	0.0	0.0
175	0.0	0.0	0.001	0.001	0.000	0.0	0.0
180	0.0	0.0	0.001	0.001	0.000	0.0	0.0
185	0.0	0.0	0.001	0.001	0.000	0.0	0.0
190	0.0	0.0	0.001	0.001	0.000	0.0	0.0
195	0.0	0.0	0.001	0.000	0.000	0.0	0.0
200	0.0	0.0	0.001	0.000	0.000	0.0	0.0
205	0.0	0.0	0.001	0.000	0.000	0.0	0.0
210	0.0	0.0	0.000	0.000	0.000	0.0	0.0
215	0.0	0.0	0.000	0.000	0.000	0.0	0.0
220	0.0	0.0	0.000	0.000	0.000	0.0	0.0
225	0.0	0.0	0.000	0.000	0.000	0.0	0.0
230	0.0	0.0	0.000	0.000	0.000	0.0	0.0
235	0.0	0.0	0.000	0.000	0.000	0.0	0.0
240	0.0	0.0	0.000	0.000	0.000	0.0	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



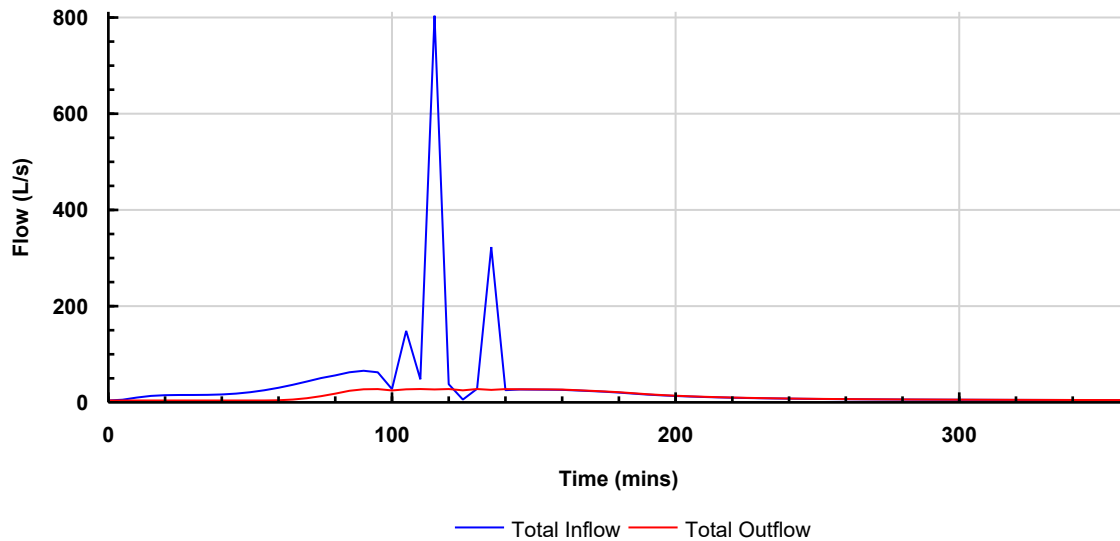
SMH-06

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 180 mins: Winter

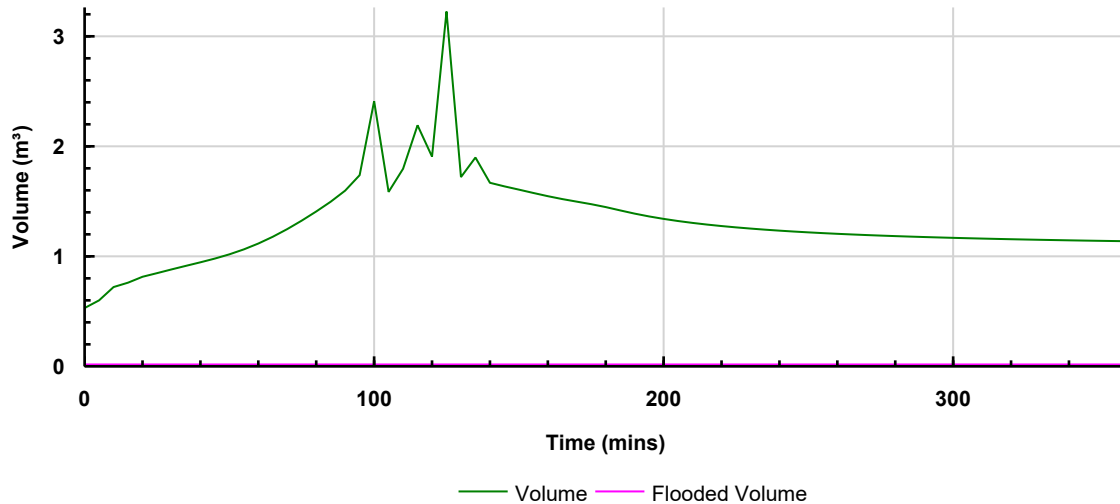
Type : Manhole

Graphs

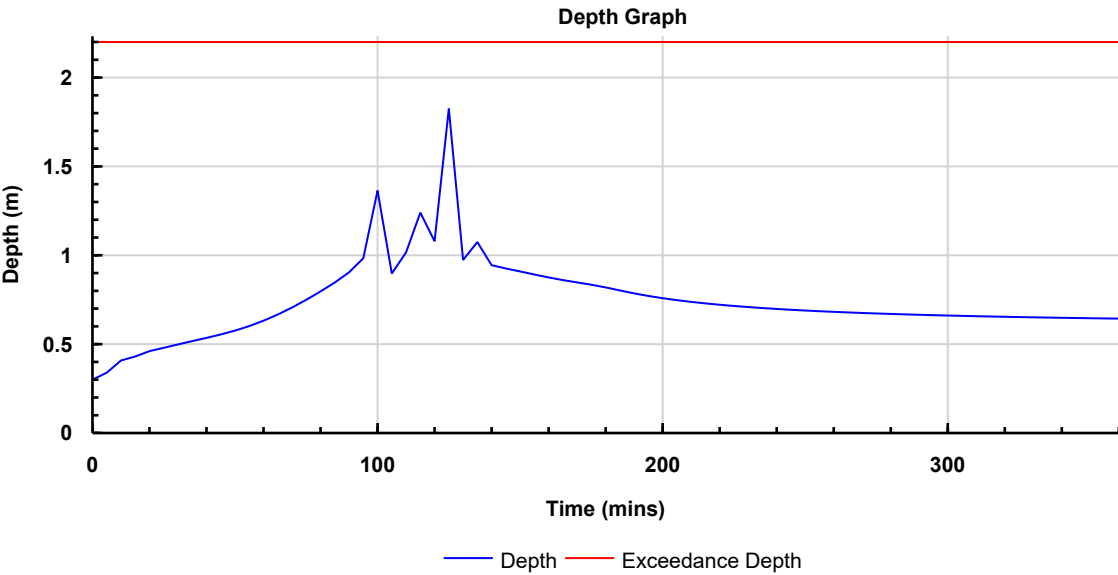
Flow Graph



Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	0.300	0.530	0.000	0.0
5	1.6	1.6	1.6	0.340	0.600	0.000	0.0
10	0.6	0.6	6.1	0.408	0.721	0.000	0.0
15	0.6	0.6	9.6	0.431	0.761	0.000	0.0
20	0.7	0.7	11.1	0.461	0.814	0.000	0.0
25	0.5	0.5	11.5	0.479	0.847	0.000	0.0
30	0.5	0.5	11.5	0.499	0.881	0.000	0.0
35	0.4	0.4	11.8	0.517	0.914	0.000	0.0
40	0.5	0.5	12.6	0.535	0.946	0.000	0.0
45	0.5	0.5	14.3	0.554	0.980	0.000	0.0
50	0.6	0.6	17.3	0.576	1.018	0.000	0.0
55	0.8	0.8	21.4	0.602	1.063	0.000	0.0
60	1.7	1.7	26.6	0.632	1.116	0.000	0.5
65	3.5	3.5	32.7	0.667	1.178	0.000	1.9
70	6.8	6.8	39.6	0.706	1.248	0.000	4.7
75	11.3	11.3	46.8	0.750	1.325	0.000	9.0
80	16.2	16.2	52.4	0.797	1.408	0.000	14.3
85	23.0	23.0	58.9	0.847	1.496	0.000	20.3
90	25.4	25.4	62.1	0.904	1.597	0.000	23.4
95	26.8	26.8	58.8	0.984	1.738	0.000	23.8
100	6.5	6.5	23.8	1.364	2.411	0.000	21.0
105	40.2	40.2	145.4	0.897	1.586	0.000	23.3
110	28.2	28.2	44.3	1.016	1.796	0.000	23.9
115	710.1	710.1	803.7	1.240	2.191	0.000	23.0
120	25.1	25.1	34.0	1.079	1.906	0.000	23.9
125	-23.8	-23.8	1.9	1.825	3.225	0.000	21.2
130	24.4	24.4	24.4	0.974	1.721	0.000	23.9
135	320.3	320.3	320.5	1.074	1.898	0.000	22.1
140	6.8	6.8	21.6	0.944	1.669	0.000	23.7
145	22.9	22.9	22.9	0.926	1.636	0.000	23.4
150	22.7	22.7	22.7	0.909	1.606	0.000	23.3
155	22.5	22.5	22.5	0.892	1.576	0.000	23.1
160	22.2	22.2	22.2	0.875	1.547	0.000	22.8
165	20.9	20.9	20.9	0.860	1.520	0.000	21.6
170	19.7	19.7	19.7	0.847	1.497	0.000	20.2
175	18.2	18.2	18.2	0.834	1.474	0.000	18.9
180	16.5	16.5	16.5	0.819	1.448	0.000	17.3
185	14.4	14.4	14.4	0.802	1.417	0.000	15.2
190	12.3	12.3	12.3	0.786	1.388	0.000	13.1
195	10.7	10.7	10.7	0.771	1.363	0.000	11.4
200	9.4	9.4	9.4	0.759	1.340	0.000	10.0
205	8.2	8.2	8.2	0.748	1.321	0.000	8.8
210	7.3	7.3	7.3	0.738	1.304	0.000	7.7
215	6.5	6.5	6.5	0.729	1.289	0.000	6.9
220	5.8	5.8	5.8	0.722	1.275	0.000	6.1
225	5.2	5.2	5.2	0.715	1.263	0.000	5.5
230	4.7	4.7	4.7	0.709	1.252	0.000	5.0
235	4.2	4.2	4.2	0.703	1.243	0.000	4.5
240	3.8	3.8	3.8	0.698	1.234	0.000	4.1
245	3.5	3.5	3.5	0.693	1.225	0.000	3.7
250	3.2	3.2	3.2	0.689	1.218	0.000	3.4
255	2.9	2.9	2.9	0.685	1.211	0.000	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0
35	0.0
40	0.0
45	0.0
50	0.0
55	0.0
60	0.5
65	1.9
70	4.7
75	9.0
80	14.3
85	20.3
90	23.4
95	23.8
100	21.0
105	23.3
110	23.9
115	23.0
120	23.9
125	21.2
130	23.9
135	22.1
140	23.7
145	23.4
150	23.3
155	23.1
160	22.8
165	21.6
170	20.2
175	18.9
180	17.3
185	15.2
190	13.1
195	11.4
200	10.0
205	8.8
210	7.7
215	6.9
220	6.1
225	5.5
230	5.0
235	4.5
240	4.1
245	3.7
250	3.4
255	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
260	2.7	2.7	2.7	0.682	1.205	0.000	2.9
265	2.5	2.5	2.5	0.678	1.199	0.000	2.6
270	2.3	2.3	2.3	0.675	1.194	0.000	2.4
275	2.1	2.1	2.1	0.673	1.189	0.000	2.3
280	2.0	2.0	2.0	0.670	1.184	0.000	2.1
285	1.9	1.9	1.9	0.668	1.180	0.000	2.0
290	1.7	1.7	1.7	0.665	1.176	0.000	1.8
295	1.6	1.6	1.6	0.663	1.172	0.000	1.7
300	1.6	1.6	1.6	0.661	1.168	0.000	1.6
305	1.5	1.5	1.5	0.659	1.165	0.000	1.5
310	1.4	1.4	1.4	0.657	1.161	0.000	1.5
315	1.3	1.3	1.3	0.656	1.158	0.000	1.4
320	1.2	1.2	1.2	0.654	1.156	0.000	1.3
325	1.2	1.2	1.2	0.652	1.153	0.000	1.2
330	1.1	1.1	1.1	0.651	1.150	0.000	1.2
335	1.0	1.0	1.0	0.650	1.148	0.000	1.1
340	1.0	1.0	1.0	0.648	1.146	0.000	1.0
345	0.9	0.9	0.9	0.647	1.143	0.000	1.0
350	0.9	0.9	0.9	0.646	1.141	0.000	0.9
355	0.8	0.8	0.8	0.645	1.139	0.000	0.9
360	0.8	0.8	0.8	0.644	1.137	0.000	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
260	2.9
265	2.6
270	2.4
275	2.3
280	2.1
285	2.0
290	1.8
295	1.7
300	1.6
305	1.5
310	1.5
315	1.4
320	1.3
325	1.2
330	1.2
335	1.1
340	1.0
345	1.0
350	0.9
355	0.9
360	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path 4.0	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

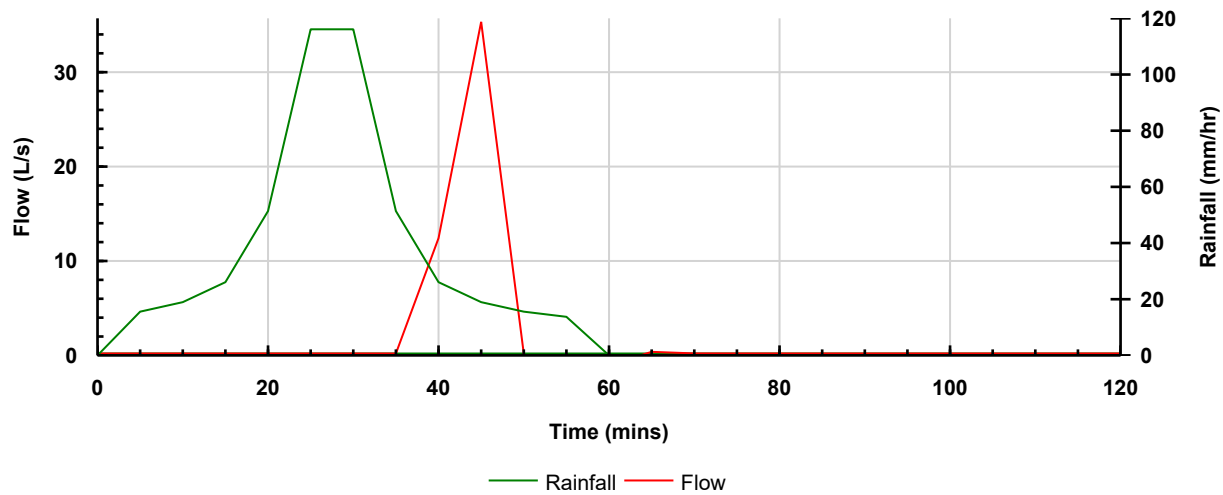


Pipe 4.01
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

Type : Pipe

Graphs

Flow Graph



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.000	0.0
10	0.000	0.0
15	0.000	0.0
20	0.000	0.0
25	0.000	0.0
30	0.043	0.0
35	0.137	0.0
40	0.225	12.3
45	0.225	35.3
50	0.225	-0.0
55	0.225	-11.6
60	0.146	-1.2
65	0.136	0.2
70	0.116	0.0
75	0.099	0.0
80	0.085	0.0
85	0.073	0.0
90	0.063	0.0
95	0.055	0.0
100	0.047	0.0
105	0.041	0.0
110	0.036	0.0
115	0.031	0.0
120	0.027	0.0

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

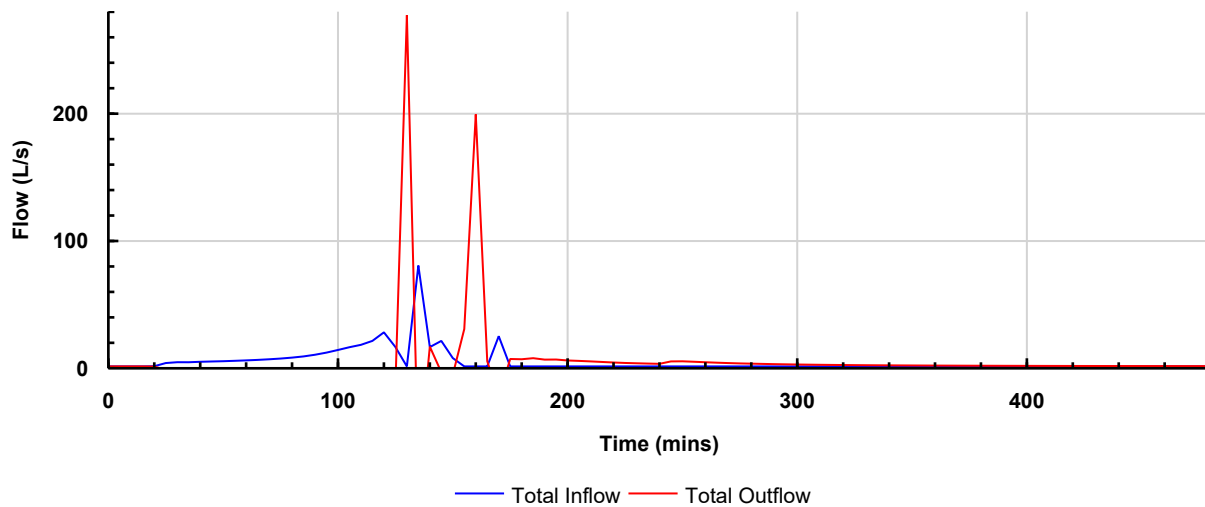


Manhole Att Tank
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 240 mins: Summer

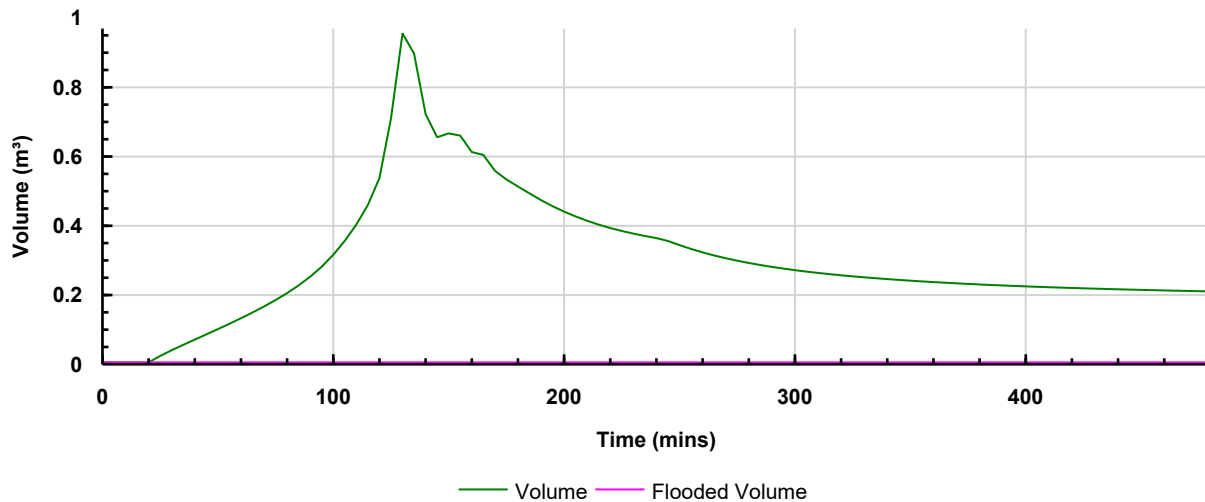
Type : Manhole

Graphs

Flow Graph

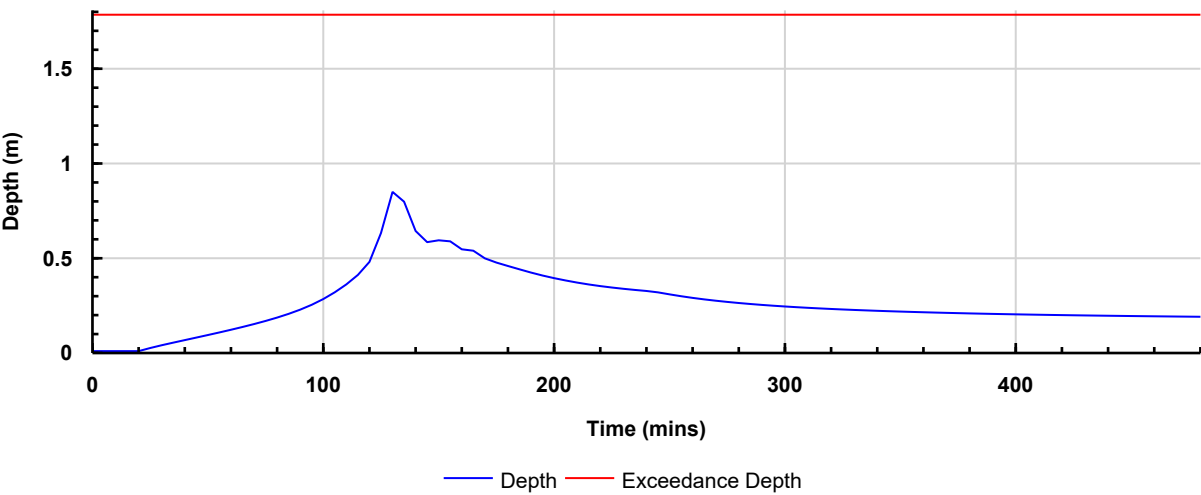


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Designed by: MDJ	Checked by:		Approved By:
		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Tables

Time (mins)	Total Approach Flow (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)	Total Outflow (L/s)
0	0.0	0.0	0.000	0.000	0.000	0.0	0.0
5	0.0	0.0	0.000	0.000	0.000	0.0	0.0
10	0.0	0.0	0.000	0.000	0.000	0.0	0.0
15	0.0	0.0	0.000	0.000	0.000	0.0	0.0
20	0.0	0.1	0.000	0.000	0.000	-0.1	-0.1
25	0.0	2.7	0.016	0.019	0.000	-2.7	-2.7
30	0.0	3.3	0.031	0.035	0.000	-3.3	-3.3
35	0.0	3.3	0.045	0.051	0.000	-3.3	-3.3
40	0.0	3.6	0.059	0.066	0.000	-3.6	-3.6
45	0.0	3.9	0.072	0.081	0.000	-3.9	-3.9
50	0.0	4.1	0.085	0.097	0.000	-4.1	-4.1
55	0.0	4.4	0.099	0.112	0.000	-4.4	-4.4
60	0.0	4.8	0.113	0.128	0.000	-4.8	-4.8
65	0.0	5.1	0.128	0.145	0.000	-5.1	-5.1
70	0.0	5.6	0.144	0.162	0.000	-5.6	-5.6
75	0.0	6.2	0.160	0.181	0.000	-6.2	-6.2
80	0.0	6.9	0.178	0.201	0.000	-6.9	-6.9
85	0.0	7.9	0.198	0.224	0.000	-7.9	-7.9
90	0.0	9.2	0.220	0.249	0.000	-9.2	-9.2
95	0.0	10.9	0.246	0.278	0.000	-10.9	-10.9
100	0.0	13.0	0.276	0.313	0.000	-13.0	-13.0
105	0.0	15.2	0.312	0.353	0.000	-15.2	-15.2
110	0.0	17.0	0.354	0.401	0.000	-17.0	-17.0
115	0.0	20.2	0.404	0.457	0.000	-20.2	-20.2
120	0.0	26.9	0.473	0.536	0.000	-26.9	-26.9
125	0.0	15.3	0.627	0.709	0.000	-15.3	-15.3
130	0.0	0.0	0.845	0.956	0.000	277.4	277.4
135	0.0	79.7	0.793	0.897	0.000	-79.1	-79.1
140	0.0	15.3	0.637	0.721	0.000	15.6	15.6
145	0.0	20.1	0.578	0.654	0.000	-4.6	-4.6
150	0.0	6.6	0.588	0.665	0.000	-6.6	-6.6
155	0.0	0.0	0.582	0.659	0.000	29.5	29.5
160	0.0	0.0	0.540	0.611	0.000	199.0	199.0
165	0.0	0.0	0.533	0.603	0.000	4.1	4.1
170	0.0	23.9	0.492	0.557	0.000	-23.9	-23.9
175	0.0	0.0	0.470	0.531	0.000	5.9	5.9
180	0.0	0.0	0.452	0.511	0.000	5.7	5.7
185	0.0	0.0	0.434	0.491	0.000	6.5	6.5
190	0.0	0.0	0.417	0.471	0.000	5.4	5.4
195	0.0	0.0	0.401	0.454	0.000	5.4	5.4
200	0.0	0.0	0.387	0.438	0.000	4.7	4.7
205	0.0	0.0	0.375	0.424	0.000	4.4	4.4
210	0.0	0.0	0.364	0.411	0.000	4.0	4.0
215	0.0	0.0	0.354	0.400	0.000	3.5	3.5
220	0.0	0.0	0.345	0.390	0.000	3.1	3.1
225	0.0	0.0	0.338	0.382	0.000	2.7	2.7
230	0.0	0.0	0.331	0.374	0.000	2.5	2.5
235	0.0	0.0	0.325	0.367	0.000	2.2	2.2
240	0.0	0.0	0.319	0.361	0.000	2.0	2.0
245	0.0	0.0	0.312	0.353	0.000	3.9	3.9
250	0.0	0.0	0.301	0.341	0.000	4.0	4.0
255	0.0	0.0	0.291	0.330	0.000	3.7	3.7

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)	Total Outflow (L/s)
260	0.0	0.0	0.282	0.320	0.000	3.3	3.3
265	0.0	0.0	0.275	0.311	0.000	2.9	2.9
270	0.0	0.0	0.268	0.303	0.000	2.6	2.6
275	0.0	0.0	0.261	0.295	0.000	2.4	2.4
280	0.0	0.0	0.255	0.289	0.000	2.2	2.2
285	0.0	0.0	0.250	0.283	0.000	2.0	2.0
290	0.0	0.0	0.245	0.277	0.000	1.8	1.8
295	0.0	0.0	0.241	0.272	0.000	1.6	1.6
300	0.0	0.0	0.237	0.268	0.000	1.5	1.5
305	0.0	0.0	0.233	0.264	0.000	1.4	1.4
310	0.0	0.0	0.230	0.260	0.000	1.3	1.3
315	0.0	0.0	0.227	0.256	0.000	1.2	1.2
320	0.0	0.0	0.224	0.253	0.000	1.1	1.1
325	0.0	0.0	0.221	0.250	0.000	1.0	1.0
330	0.0	0.0	0.219	0.247	0.000	0.9	0.9
335	0.0	0.0	0.216	0.244	0.000	0.9	0.9
340	0.0	0.0	0.214	0.242	0.000	0.8	0.8
345	0.0	0.0	0.212	0.240	0.000	0.8	0.8
350	0.0	0.0	0.210	0.237	0.000	0.7	0.7
355	0.0	0.0	0.208	0.235	0.000	0.7	0.7
360	0.0	0.0	0.206	0.233	0.000	0.7	0.7
365	0.0	0.0	0.205	0.231	0.000	0.6	0.6
370	0.0	0.0	0.203	0.230	0.000	0.6	0.6
375	0.0	0.0	0.202	0.228	0.000	0.6	0.6
380	0.0	0.0	0.200	0.226	0.000	0.5	0.5
385	0.0	0.0	0.199	0.225	0.000	0.5	0.5
390	0.0	0.0	0.198	0.223	0.000	0.5	0.5
395	0.0	0.0	0.196	0.222	0.000	0.4	0.4
400	0.0	0.0	0.195	0.221	0.000	0.4	0.4
405	0.0	0.0	0.194	0.220	0.000	0.4	0.4
410	0.0	0.0	0.193	0.218	0.000	0.4	0.4
415	0.0	0.0	0.192	0.217	0.000	0.4	0.4
420	0.0	0.0	0.191	0.216	0.000	0.3	0.3
425	0.0	0.0	0.190	0.215	0.000	0.3	0.3
430	0.0	0.0	0.189	0.214	0.000	0.3	0.3
435	0.0	0.0	0.189	0.213	0.000	0.3	0.3
440	0.0	0.0	0.188	0.212	0.000	0.3	0.3
445	0.0	0.0	0.187	0.211	0.000	0.3	0.3
450	0.0	0.0	0.186	0.211	0.000	0.3	0.3
455	0.0	0.0	0.186	0.210	0.000	0.3	0.3
460	0.0	0.0	0.185	0.209	0.000	0.3	0.3
465	0.0	0.0	0.184	0.208	0.000	0.2	0.2
470	0.0	0.0	0.184	0.208	0.000	0.2	0.2
475	0.0	0.0	0.183	0.207	0.000	0.2	0.2
480	0.0	0.0	0.182	0.206	0.000	0.2	0.2

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by:	Checked by:	Approved By:	
	MDJ			
Report Details:			Company Address:	
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



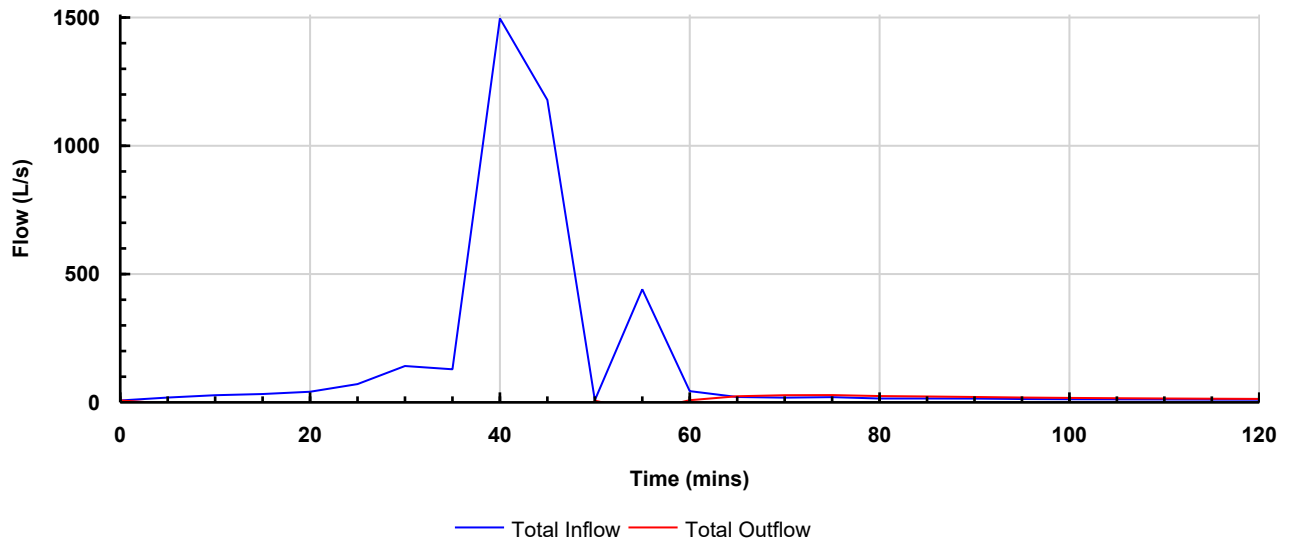
SW-MH AT 01

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

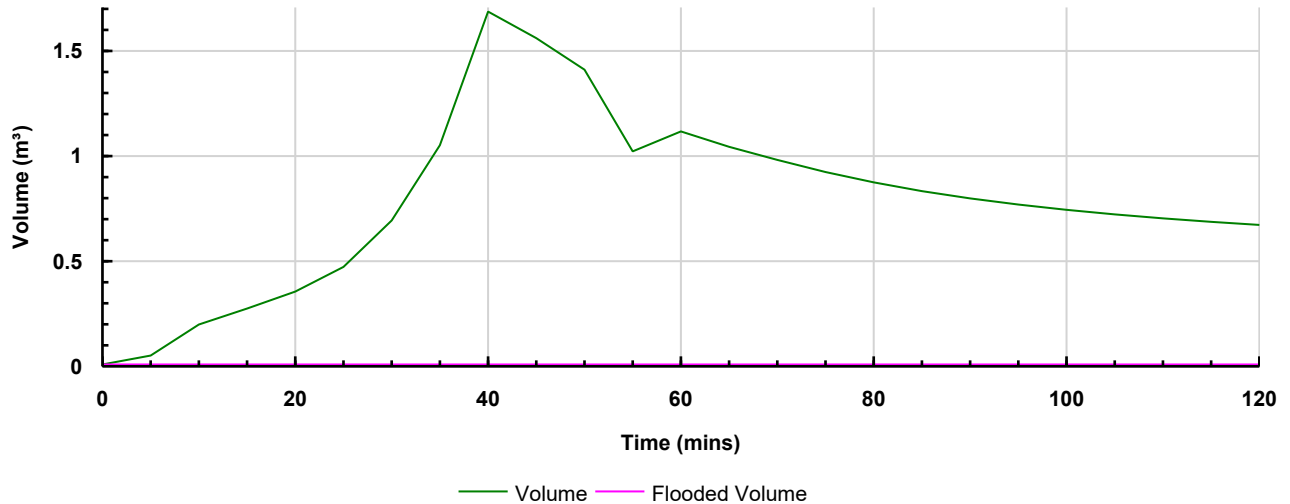
Type : Manhole

Graphs

Flow Graph

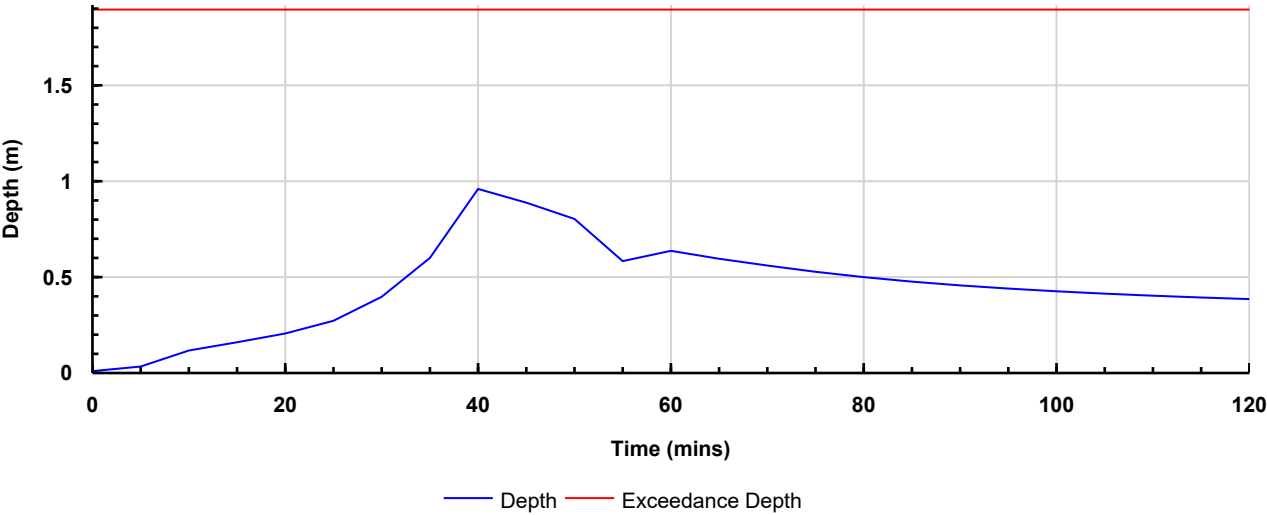


Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
	Report Details:			
Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att			Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF	

Depth Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

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	11.5	0.024	0.043	0.000	-11.5
10	-1.9	-1.9	20.6	0.108	0.191	0.000	-20.6
15	-12.0	-12.0	25.3	0.151	0.267	0.000	-25.3
20	-15.4	-15.4	34.2	0.197	0.349	0.000	-34.2
25	-30.9	-30.9	64.2	0.264	0.466	0.000	-64.2
30	-67.9	-67.9	135.0	0.390	0.688	0.000	-135.0
35	-73.6	-73.6	122.2	0.593	1.048	0.000	-122.2
40	595.5	595.5	1496.5	0.955	1.687	0.000	-813.7
45	136.4	136.4	1177.0	0.883	1.560	0.000	-212.4
50	0.3	0.3	1.1	0.798	1.409	0.000	-0.7
55	66.7	66.7	435.3	0.577	1.019	0.000	-42.0
60	36.2	36.2	36.6	0.631	1.114	0.000	1.1
65	13.6	13.6	13.6	0.589	1.041	0.000	16.6
70	11.1	11.1	11.1	0.553	0.978	0.000	20.7
75	13.1	13.1	13.1	0.521	0.920	0.000	21.2
80	7.8	7.8	7.8	0.493	0.871	0.000	17.3
85	7.8	7.8	7.8	0.469	0.829	0.000	15.7
90	7.5	7.5	7.5	0.449	0.794	0.000	13.7
95	5.7	5.7	5.7	0.433	0.765	0.000	11.5
100	4.9	4.9	4.9	0.418	0.739	0.000	10.1
105	4.4	4.4	4.4	0.406	0.718	0.000	8.9
110	4.0	4.0	4.0	0.395	0.699	0.000	7.8
115	3.5	3.5	3.5	0.386	0.682	0.000	6.9
120	3.1	3.1	3.1	0.378	0.667	0.000	6.2

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
0	0.0
5	-11.5
10	-20.6
15	-25.3
20	-34.2
25	-64.2
30	-135.0
35	-122.2
40	-813.7
45	-212.4
50	-0.7
55	-42.0
60	1.1
65	16.6
70	20.7
75	21.2
80	17.3
85	15.7
90	13.7
95	11.5
100	10.1
105	8.9
110	7.8
115	6.9
120	6.2

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



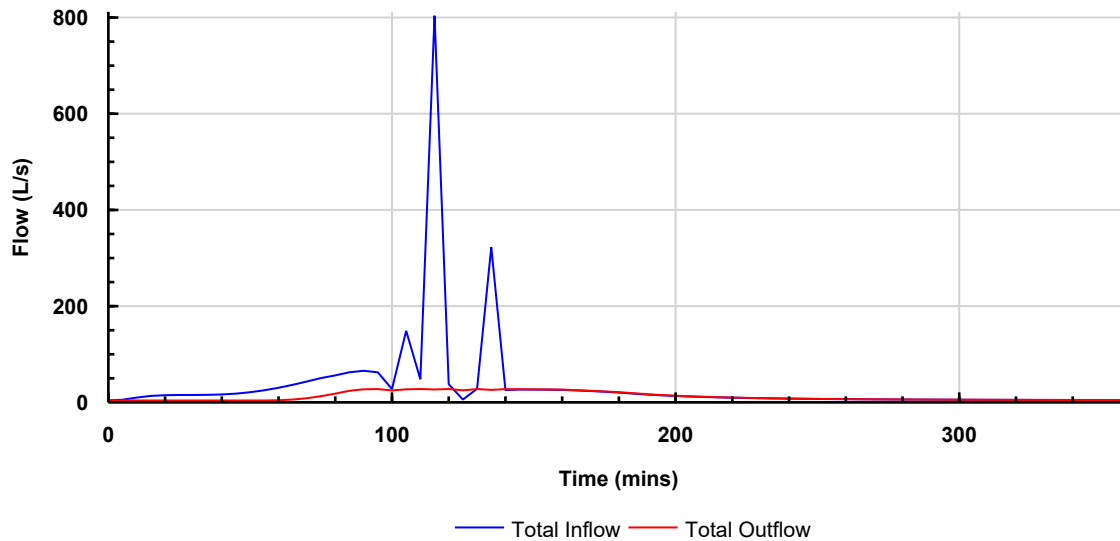
SMH-06

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 180 mins: Winter

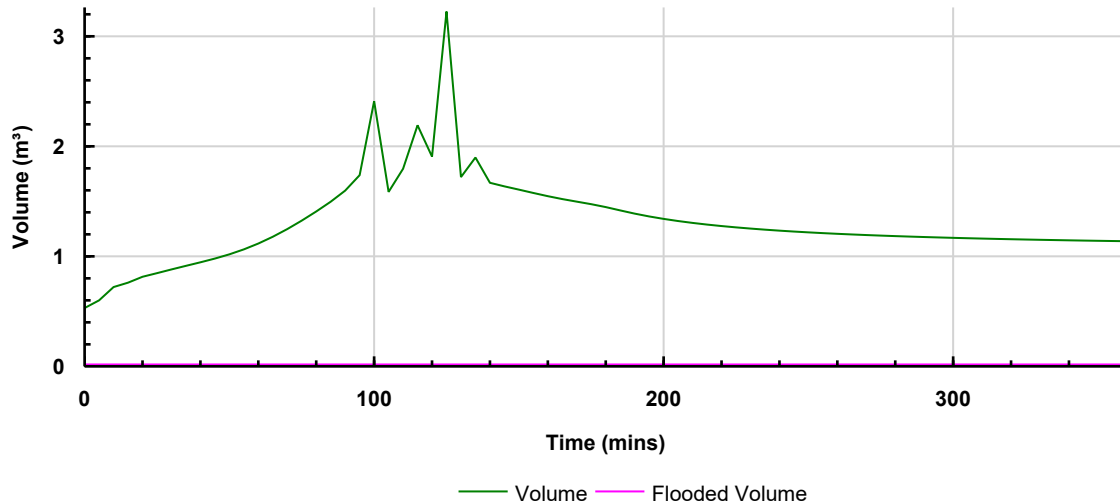
Type : Manhole

Graphs

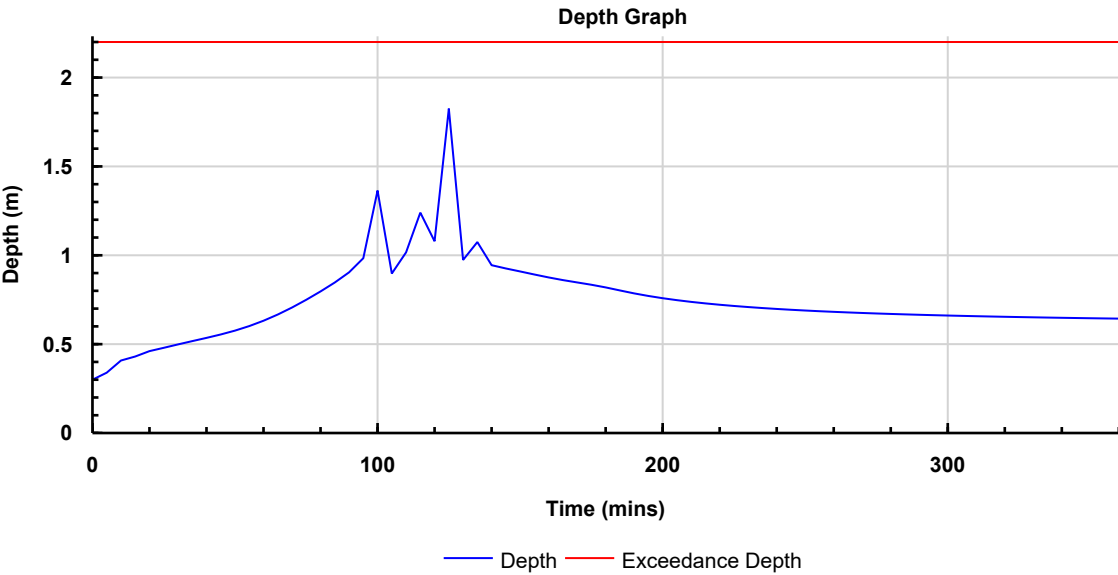
Flow Graph



Volume Graph



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



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	0.300	0.530	0.000	0.0
5	1.6	1.6	1.6	0.340	0.600	0.000	0.0
10	0.6	0.6	6.1	0.408	0.721	0.000	0.0
15	0.6	0.6	9.6	0.431	0.761	0.000	0.0
20	0.7	0.7	11.1	0.461	0.814	0.000	0.0
25	0.5	0.5	11.5	0.479	0.847	0.000	0.0
30	0.5	0.5	11.5	0.499	0.881	0.000	0.0
35	0.4	0.4	11.8	0.517	0.914	0.000	0.0
40	0.5	0.5	12.6	0.535	0.946	0.000	0.0
45	0.5	0.5	14.3	0.554	0.980	0.000	0.0
50	0.6	0.6	17.3	0.576	1.018	0.000	0.0
55	0.8	0.8	21.4	0.602	1.063	0.000	0.0
60	1.7	1.7	26.6	0.632	1.116	0.000	0.5
65	3.5	3.5	32.7	0.667	1.178	0.000	1.9
70	6.8	6.8	39.6	0.706	1.248	0.000	4.7
75	11.3	11.3	46.8	0.750	1.325	0.000	9.0
80	16.2	16.2	52.4	0.797	1.408	0.000	14.3
85	23.0	23.0	58.9	0.847	1.496	0.000	20.3
90	25.4	25.4	62.1	0.904	1.597	0.000	23.4
95	26.8	26.8	58.8	0.984	1.738	0.000	23.8
100	6.5	6.5	23.8	1.364	2.411	0.000	21.0
105	40.2	40.2	145.4	0.897	1.586	0.000	23.3
110	28.2	28.2	44.3	1.016	1.796	0.000	23.9
115	710.1	710.1	803.7	1.240	2.191	0.000	23.0
120	25.1	25.1	34.0	1.079	1.906	0.000	23.9
125	-23.8	-23.8	1.9	1.825	3.225	0.000	21.2
130	24.4	24.4	24.4	0.974	1.721	0.000	23.9
135	320.3	320.3	320.5	1.074	1.898	0.000	22.1
140	6.8	6.8	21.6	0.944	1.669	0.000	23.7
145	22.9	22.9	22.9	0.926	1.636	0.000	23.4
150	22.7	22.7	22.7	0.909	1.606	0.000	23.3
155	22.5	22.5	22.5	0.892	1.576	0.000	23.1
160	22.2	22.2	22.2	0.875	1.547	0.000	22.8
165	20.9	20.9	20.9	0.860	1.520	0.000	21.6
170	19.7	19.7	19.7	0.847	1.497	0.000	20.2
175	18.2	18.2	18.2	0.834	1.474	0.000	18.9
180	16.5	16.5	16.5	0.819	1.448	0.000	17.3
185	14.4	14.4	14.4	0.802	1.417	0.000	15.2
190	12.3	12.3	12.3	0.786	1.388	0.000	13.1
195	10.7	10.7	10.7	0.771	1.363	0.000	11.4
200	9.4	9.4	9.4	0.759	1.340	0.000	10.0
205	8.2	8.2	8.2	0.748	1.321	0.000	8.8
210	7.3	7.3	7.3	0.738	1.304	0.000	7.7
215	6.5	6.5	6.5	0.729	1.289	0.000	6.9
220	5.8	5.8	5.8	0.722	1.275	0.000	6.1
225	5.2	5.2	5.2	0.715	1.263	0.000	5.5
230	4.7	4.7	4.7	0.709	1.252	0.000	5.0
235	4.2	4.2	4.2	0.703	1.243	0.000	4.5
240	3.8	3.8	3.8	0.698	1.234	0.000	4.1
245	3.5	3.5	3.5	0.693	1.225	0.000	3.7
250	3.2	3.2	3.2	0.689	1.218	0.000	3.4
255	2.9	2.9	2.9	0.685	1.211	0.000	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		



Time (mins)	Total Outflow (L/s)
0	0.0
5	0.0
10	0.0
15	0.0
20	0.0
25	0.0
30	0.0
35	0.0
40	0.0
45	0.0
50	0.0
55	0.0
60	0.5
65	1.9
70	4.7
75	9.0
80	14.3
85	20.3
90	23.4
95	23.8
100	21.0
105	23.3
110	23.9
115	23.0
120	23.9
125	21.2
130	23.9
135	22.1
140	23.7
145	23.4
150	23.3
155	23.1
160	22.8
165	21.6
170	20.2
175	18.9
180	17.3
185	15.2
190	13.1
195	11.4
200	10.0
205	8.8
210	7.7
215	6.9
220	6.1
225	5.5
230	5.0
235	4.5
240	4.1
245	3.7
250	3.4
255	3.1

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Approach Flow (L/s)	Inlet(L/s)	Total Inflow (L/s)	Depth (m)	Volume (m³)	Flooded Volume (m³)	Outlet(L/s)
260	2.7	2.7	2.7	0.682	1.205	0.000	2.9
265	2.5	2.5	2.5	0.678	1.199	0.000	2.6
270	2.3	2.3	2.3	0.675	1.194	0.000	2.4
275	2.1	2.1	2.1	0.673	1.189	0.000	2.3
280	2.0	2.0	2.0	0.670	1.184	0.000	2.1
285	1.9	1.9	1.9	0.668	1.180	0.000	2.0
290	1.7	1.7	1.7	0.665	1.176	0.000	1.8
295	1.6	1.6	1.6	0.663	1.172	0.000	1.7
300	1.6	1.6	1.6	0.661	1.168	0.000	1.6
305	1.5	1.5	1.5	0.659	1.165	0.000	1.5
310	1.4	1.4	1.4	0.657	1.161	0.000	1.5
315	1.3	1.3	1.3	0.656	1.158	0.000	1.4
320	1.2	1.2	1.2	0.654	1.156	0.000	1.3
325	1.2	1.2	1.2	0.652	1.153	0.000	1.2
330	1.1	1.1	1.1	0.651	1.150	0.000	1.2
335	1.0	1.0	1.0	0.650	1.148	0.000	1.1
340	1.0	1.0	1.0	0.648	1.146	0.000	1.0
345	0.9	0.9	0.9	0.647	1.143	0.000	1.0
350	0.9	0.9	0.9	0.646	1.141	0.000	0.9
355	0.8	0.8	0.8	0.645	1.139	0.000	0.9
360	0.8	0.8	0.8	0.644	1.137	0.000	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design		Date: 28/08/2025			
		Designed by: MDJ	Checked by:		Approved By:
Report Details: Type: Junction Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att		Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			

Time (mins)	Total Outflow (L/s)
260	2.9
265	2.6
270	2.4
275	2.3
280	2.1
285	2.0
290	1.8
295	1.7
300	1.6
305	1.5
310	1.5
315	1.4
320	1.3
325	1.2
330	1.2
335	1.1
340	1.0
345	1.0
350	0.9
355	0.9
360	0.8

Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025		
	Designed by: MDJ	Checked by:	Approved By:
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF		

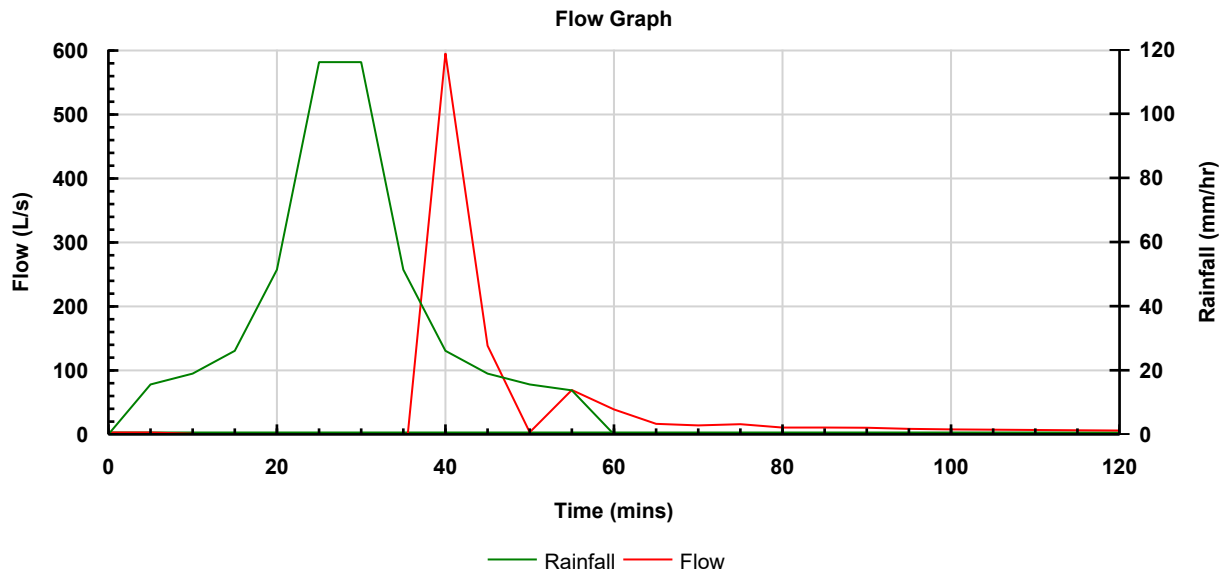


Offline Attenuation

Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 60 mins: Summer

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.012	0.0
10	0.054	-1.9
15	0.100	-12.0
20	0.147	-15.4
25	0.214	-30.9
30	0.339	-67.9
35	0.543	-73.6
40	0.600	595.5
45	0.600	136.4
50	0.600	0.3
55	0.555	66.7
60	0.573	36.2
65	0.540	13.6
70	0.504	11.1
75	0.471	13.1
80	0.443	7.8
85	0.419	7.8
90	0.399	7.5
95	0.383	5.7
100	0.368	4.9
105	0.356	4.4
110	0.345	4.0
115	0.336	3.5
120	0.328	3.1

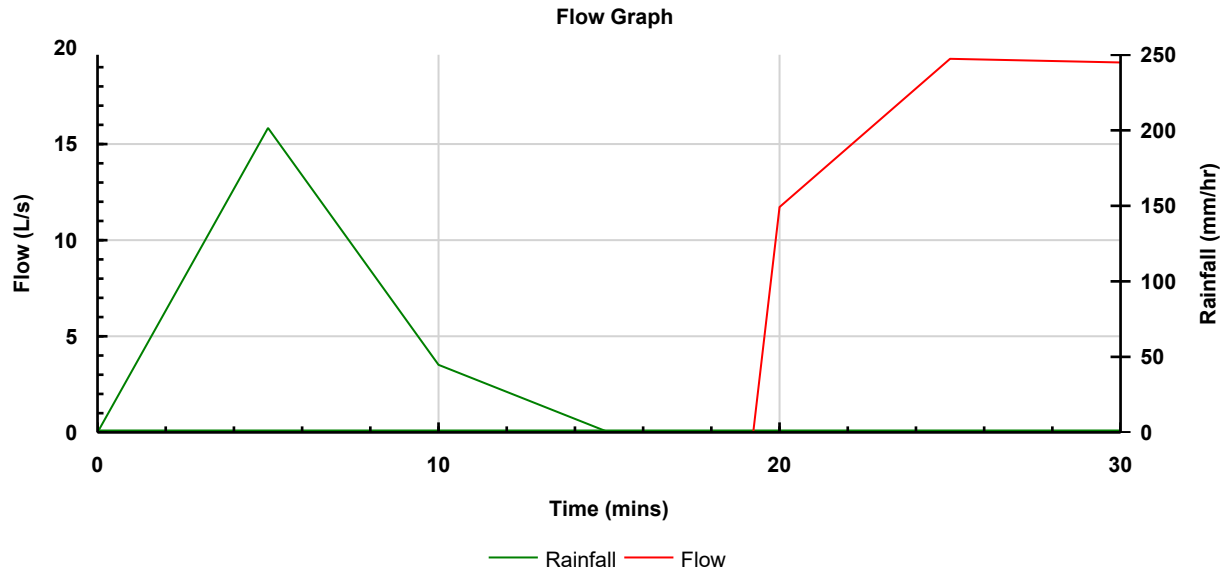
Project: Link Recycling, Site Redevelopment Link Road, Huyton, Liverpool, L36 6AP Surface Water Drainage Network Design	Date: 28/08/2025			
	Designed by: MDJ	Checked by:	Approved By:	
Report Details: Type: Connection Results Storm Phase: SW Drainage Design Flow Path: Flow Path Offline Att	Company Address: Design Coordination Limited 200 Birkenhead Road, Meols Wirral, Merseyside, CH47 0NF			



Pipe 5.01
Critical by Return Period: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Pipe

Graphs



Tables

Time (mins)	Depth (m)	Flow (L/s)
0	0.000	0.0
5	0.146	-47.2
10	0.382	-231.9
15	0.560	-64.7
20	0.593	11.7
25	0.562	19.4
30	0.532	19.2