

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024			
Report Details: Type: Inflows Storm Phase: Phase	Designed by: OH	Checked by:	Approved By:	
Company Address: Aegaea				



House Roof Areas

Type : Catchment Area

Area (ha)	0.012
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Dynamic Sizing

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



Access Road and Car Parking

Type : Catchment Area

Area (ha)	0.023
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Dynamic Sizing

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



Apartment Roof Area 1

Type : Catchment Area

Area (ha)	0.007
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Dynamic Sizing

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



Apartment Roof Area 2

Type : Catchment Area

Area (ha)	0.016
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Dynamic Sizing

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

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network		Date: 02/01/2024			
Report Details: Type: Junctions Storm Phase: Phase		Designed by: OH	Checked by:		Approved By:
		Company Address: Aegaea			

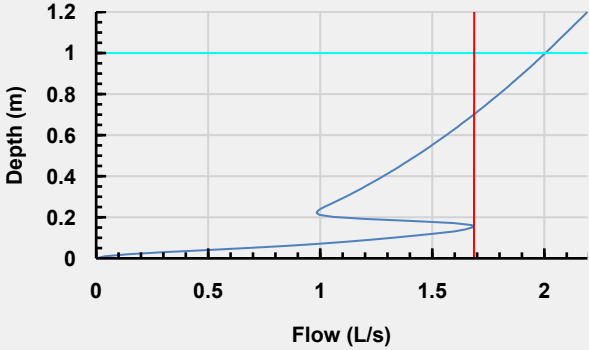
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
MH1	Manhole	2264.141	-618.639	39.000	0.650	38.350	Circular	0.800
MH2	Manhole	2264.023	-612.478	38.900	0.900	38.000	Circular	0.800
MH3 - Hydrobrake	Manhole	2264.062	-608.884	38.900	1.000	37.900	Circular	0.800
MH4	Manhole	2263.944	-598.062	38.850	1.200	37.650	Circular	0.800
4609	Manhole	2262.877	-596.048	38.850	2.300	36.550	Circular	0.800
IC	Manhole	2255.373	-598.418	39.000	0.300	38.700	Circular	0.400
Junction	Simple Junction	2261.333	-598.472					

Name	Lock
MH1	None
MH2	None
MH3 - Hydrobrake	None
MH4	None
4609	None
IC	None
Junction	

Inlets

Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
MH2	Inlet	1.000	(None)	No Restriction
MH3 - Hydrobrake	Inlet	1.001	(None)	No Restriction
	Inlet (1)	3.000	(None)	No Restriction
MH4	Inlet	1.002	(None)	No Restriction
4609	Inlet	1.003	(None)	No Restriction
IC	Inlet	Apartment Roof Area 1	(None)	No Restriction
Junction	Inlet	2.000	(None)	No Restriction

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
MH1	Outlet	1.000	Free Discharge
MH2	Outlet	1.001	Free Discharge
MH3 - Hydrobrake	Outlet	1.002	Hydro-Brake®
	Invert Level (m)	37.900	
	Design Depth (m)	1.000	
	Design Flow (L/s)	2.0	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☐	
	Unit Reference	CHE-0064-2000-1000-2000	
			
MH4	Outlet	1.003	Free Discharge
IC	Outlet	2.000	Free Discharge
Junction	Outlet	2.001	Free Discharge

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024		
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Report Details: Type: Stormwater Controls Storm Phase: Phase	Company Address: Aegaea		



Porous Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	39.000
Depth (m)	0.500
Base Level (m)	38.500
Paving Layer Depth (mm)	100
Membrane Percolation (m/hr)	3.0
Porosity (%)	30
Length (m)	20.000
Long. Slope (1:X)	1000.00
Width (m)	13.000
Total Volume (m³)	31.475

Under Drain

Height Above Base (m)	0.100
Diameter (mm)	50
No. of Barrels	10
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Inlets

Inlet (1)

Inlet Type	Lateral Inflow
Incoming Item(s)	House Roof Areas
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Lateral Inflow
Incoming Item(s)	Access Road and Car Parking
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet

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

Inlet (3)

Inlet Type	Point Inflow
Incoming Item(s)	2.001
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	3.000
Outlet Type	Free Discharge

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Advanced

Conductivity (m/hr)	750.0
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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)
1.000	6.162	Pipe	17.607		0.6	150	39.000	38.350
1.001	3.594	Pipe	35.943		0.6	150	38.900	38.000
1.002	10.822	Pipe	43.290		0.6	150	38.900	37.900
1.003	2.279	Pipe	2.072		0.6	150	38.850	37.650
3.000	10.769	Pipe	17.949		0.6	150	39.020	38.500
2.000	5.960	Pipe	59.601		0.6	100	39.000	38.700
2.001	18.626	Pipe	186.256		0.6	100	39.000	38.600

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Lock	Flow Restriction (L/s)
1.000	38.900	38.000	None	
1.001	38.900	37.900	None	
1.002	38.850	37.650	None	2.005
1.003	38.850	36.550	None	
3.000	38.900	37.900	None	
2.000	39.000	38.600	None	
2.001	39.020	38.500	None	

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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)
Access Road and Car Parking	Porous Paving		Time of Concentration	0.023	100	10	110	0.026
Apartment Roof Area 1	IC		Time of Concentration	0.007	100	10	110	0.008
Apartment Roof Area 2	Porous Paving		Time of Concentration	0.016	100	10	110	0.018
House Roof Areas	Porous Paving		Time of Concentration	0.012	100	10	110	0.013
TOTAL		0.0		0.059				0.065

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network		Date: 02/01/2024			
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Report Details: Type: Outfall Details Storm Phase: Phase		Company Address: Aegaea			

Outfalls

Outfall	Outfall Type	Fixed Surcharged Level (m)	Level Curve
4609	Free Discharge		

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024			
Report Title: Rainfall Analysis Criteria	Designed by: OH	Checked by:	Approved By:	
Company Address: Aegaea				

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Apply Global Value
Urban Creep Global Value (%)	10
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

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Report Details: Type: Stormwater Controls Summary Storm Phase: Phase		Company Address: Aegaea			



FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 1 years: +0 %: 360 mins: Summer	38.640	38.514	0.120	0.014	2.1	6.336	0.000	0.9	0.000	9.948	79.870	OK

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 2 years: +0 %: 240 mins: Summer	38.648	38.520	0.128	0.020	3.3	6.938	0.000	1.8	0.000	10.229	77.955	OK

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 30 years: +0 %: 240 mins: Summer	38.675	38.658	0.155	0.158	6.2	11.755	0.000	5.1	0.000	21.126	62.652	OK

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FSR: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 30 years: +40 %: 240 mins: Summer	38.744	38.738	0.224	0.238	8.6	18.052	0.000	5.2	0.000	30.083	42.646	OK

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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 100 years: +0 %: 240 mins: Summer	38.726	38.720	0.206	0.220	8.1	16.616	0.000	4.7	0.000	28.103	47.209	OK

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

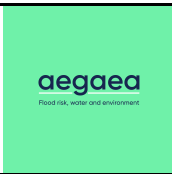
Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Lost Volume (m³)	Total Discharge Volume (m³)	Percentage Available (%)	Status
Porous Paving	FSR: 100 years: +45 %: 240 mins: Summer	38.851	38.845	0.331	0.345	11.5	26.374	0.000	4.8	0.000	40.882	16.205	OK

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Report Details: Type: Connections Summary Storm Phase: Phase		Company Address: Aegaea			



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

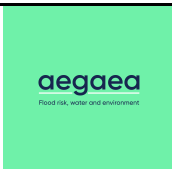
Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	MH1	MH2	39.000	38.350	0.000	0.000	0.0	0	0.0	OK
1.001	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	MH2	MH3 - Hydrobrake	38.900	38.000	0.045	0.000	0.0	0	0.0	OK
1.002	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	37.990	0.016	0.639	1.0	0.04	1.0	OK
1.003	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	MH4	4609	38.850	37.660	0.009	0.634	2.1	0.01	1.0	OK
3.000	FSR: 1 years: +0 %: 30 mins: Summer	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.554	0.051	1.178	0.4	0.03	1.1	OK
2.000	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.725	0.030	0.470	0.5	0.13	1.1	Flood Risk
2.001	FSR: 1 years: +0 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.634	0.050	0.465	0.4	0.23	1.0	OK

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

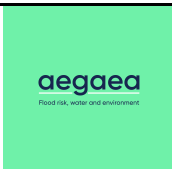
Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	FSR: 2 years: +0 %: 15 mins: Summer	Pipe	MH1	MH2	39.000	38.350	0.009	0.000	0.0	0	0.0	OK
1.001	FSR: 2 years: +0 %: 30 mins: Summer	Pipe	MH2	MH3 - Hydrobrake	38.900	38.016	0.066	0.000	0.0	0	0.1	OK
1.002	FSR: 2 years: +0 %: 240 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	38.065	0.020	10.192	1.1	0.06	1.6	Surcharged
1.003	FSR: 2 years: +0 %: 240 mins: Summer	Pipe	MH4	4609	38.850	37.663	0.012	10.201	2.4	0.01	1.6	OK
3.000	FSR: 2 years: +0 %: 240 mins: Summer	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.589	0.092	10.229	0.2	0.04	1.8	OK
2.000	FSR: 2 years: +0 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.729	0.034	0.613	0.6	0.17	1.4	Flood Risk
2.001	FSR: 2 years: +0 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.640	0.066	0.592	0.4	0.29	1.3	OK

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

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
1.000	FSR: 30 years: +0 %: 120 mins: Winter	Pipe	MH1	MH2	39.000	38.650	0.150	0.000	0.0	0.01	0.3	Surcharged
1.001	FSR: 30 years: +0 %: 120 mins: Winter	Pipe	MH2	MH3 - Hydrobrake	38.900	38.650	0.150	0.000	0.0	0.02	0.6	Flood Risk
1.002	FSR: 30 years: +0 %: 240 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	38.656	0.021	21.085	1.2	0.06	1.7	Flood Risk
1.003	FSR: 30 years: +0 %: 240 mins: Summer	Pipe	MH4	4609	38.850	37.663	0.012	21.083	2.5	0.01	1.7	OK
3.000	FSR: 30 years: +0 %: 60 mins: Winter	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.634	0.150	10.739	0.4	0.14	5.8	OK
2.000	FSR: 30 years: +0 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.742	0.050	1.161	0.7	0.33	2.6	Flood Risk
2.001	FSR: 30 years: +0 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.678	0.100	1.120	0.4	0.56	2.5	OK

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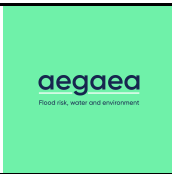
Connection	Storm Event	Connection Type	From	To	Upstream Cover Level (m)	Max. US Water Level (m)	Max. Flow Depth (m)	Discharge Volume (m³)	Max. Velocity (m/s)	Flow / Capacity	Max. Flow (L/s)	Status
1.000	FSR: 30 years: +40 %: 360 mins: Summer	Pipe	MH1	MH2	39.000	38.729	0.150	0.000	0.0	0.01	0.3	Flood Risk
1.001	FSR: 30 years: +40 %: 360 mins: Summer	Pipe	MH2	MH3 - Hydrobrake	38.900	38.729	0.150	0.000	0.0	0.02	0.6	Flood Risk
1.002	FSR: 30 years: +40 %: 240 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	38.737	0.021	30.035	1.2	0.07	1.8	Flood Risk
1.003	FSR: 30 years: +40 %: 240 mins: Summer	Pipe	MH4	4609	38.850	37.663	0.013	30.030	2.5	0.01	1.8	OK
3.000	FSR: 30 years: +40 %: 60 mins: Summer	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.706	0.150	12.014	0.5	0.2	8.5	Surcharged
2.000	FSR: 30 years: +40 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.748	0.079	1.619	0.6	0.48	3.7	Flood Risk
2.001	FSR: 30 years: +40 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.727	0.100	1.566	0.4	0.61	2.7	Surcharged

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

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
1.000	FSR: 100 years: +0 %: 360 mins: Summer	Pipe	MH1	MH2	39.000	38.709	0.150	0.000	0.0	0.01	0.3	Flood Risk
1.001	FSR: 100 years: +0 %: 360 mins: Summer	Pipe	MH2	MH3 - Hydrobrake	38.900	38.709	0.150	0.000	0.0	0.02	0.6	Flood Risk
1.002	FSR: 100 years: +0 %: 240 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	38.718	0.021	28.056	1.2	0.07	1.8	Flood Risk
1.003	FSR: 100 years: +0 %: 240 mins: Summer	Pipe	MH4	4609	38.850	37.663	0.013	28.052	2.5	0.01	1.8	OK
3.000	FSR: 100 years: +0 %: 60 mins: Summer	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.690	0.150	11.798	0.4	0.17	7.4	Surcharged
2.000	FSR: 100 years: +0 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.748	0.067	1.496	0.6	0.45	3.5	Flood Risk
2.001	FSR: 100 years: +0 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.711	0.100	1.447	0.4	0.55	2.4	Surcharged

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

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
1.000	FSR: 100 years: +45 %: 480 mins: Winter	Pipe	MH1	MH2	39.000	38.792	0.150	0.000	0.0	0.01	0.3	Flood Risk
1.001	FSR: 100 years: +45 %: 360 mins: Summer	Pipe	MH2	MH3 - Hydrobrake	38.900	38.832	0.150	0.000	0.0	0.02	0.7	Flood Risk
1.002	FSR: 100 years: +45 %: 240 mins: Summer	Pipe	MH3 - Hydrobrake	MH4	38.900	38.843	0.022	40.816	1.2	0.07	1.9	Flood Risk
1.003	FSR: 100 years: +45 %: 240 mins: Summer	Pipe	MH4	4609	38.850	37.664	0.013	40.810	2.5	0.02	1.9	OK
3.000	FSR: 100 years: +45 %: 120 mins: Winter	Pipe	Porous Paving	MH3 - Hydrobrake	39.020	38.828	0.150	24.269	0.4	0.16	6.9	Surcharged
2.000	FSR: 100 years: +45 %: 15 mins: Summer	Pipe	IC	Junction	39.000	38.800	0.100	2.173	0.5	0.51	4.0	Flood Risk
2.001	FSR: 100 years: +45 %: 15 mins: Summer	Pipe	Junction	Porous Paving	39.000	38.796	0.100	2.072	0.5	0.72	3.2	Surcharged

Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024		
	Designed by: OH	Checked by:	Approved By:
Report Details: Type: Phase Management Storm Phase: Phase	Company Address: Aegaea		

aegaea
Flood risk, water and environment



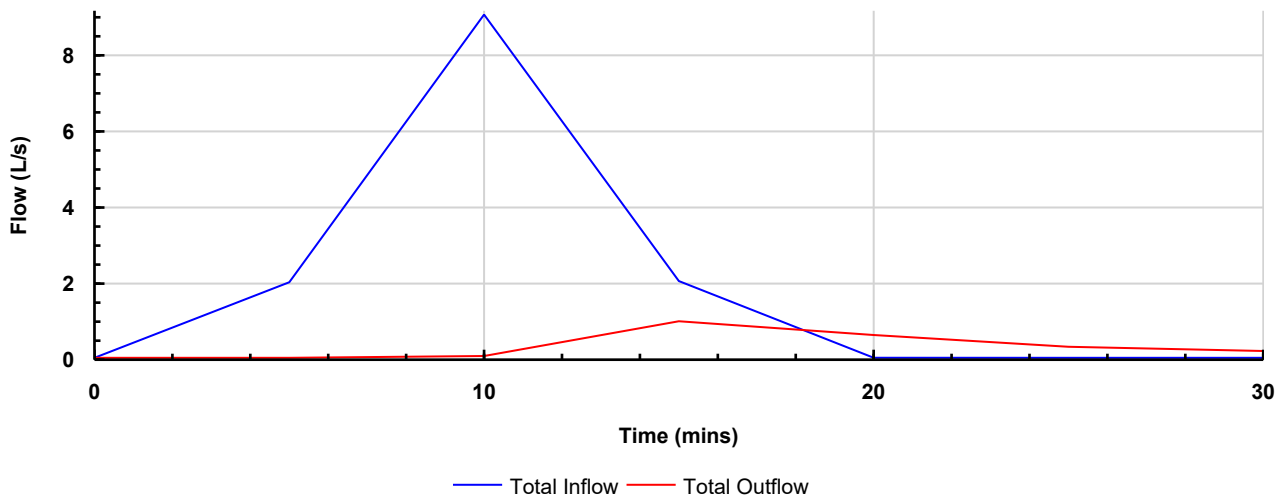
Phase
FSR: 1 years: Increase Rainfall (%): +0: 15 mins: Summer

Tables

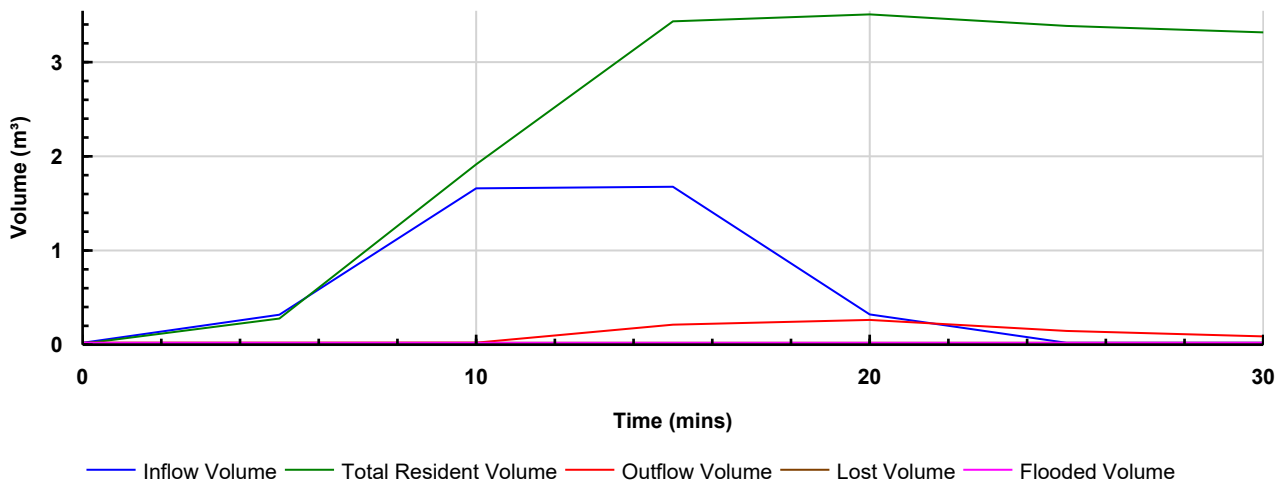
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.0	0.634
TOTAL	9.1	3.918	1.0	0.634

Graphs

Flow Graph



Volume Graph



Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024		
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Report Details: Type: Phase Management Storm Phase: Phase	Company Address: Aegaea		

aegaea
Flood risk, water and environment



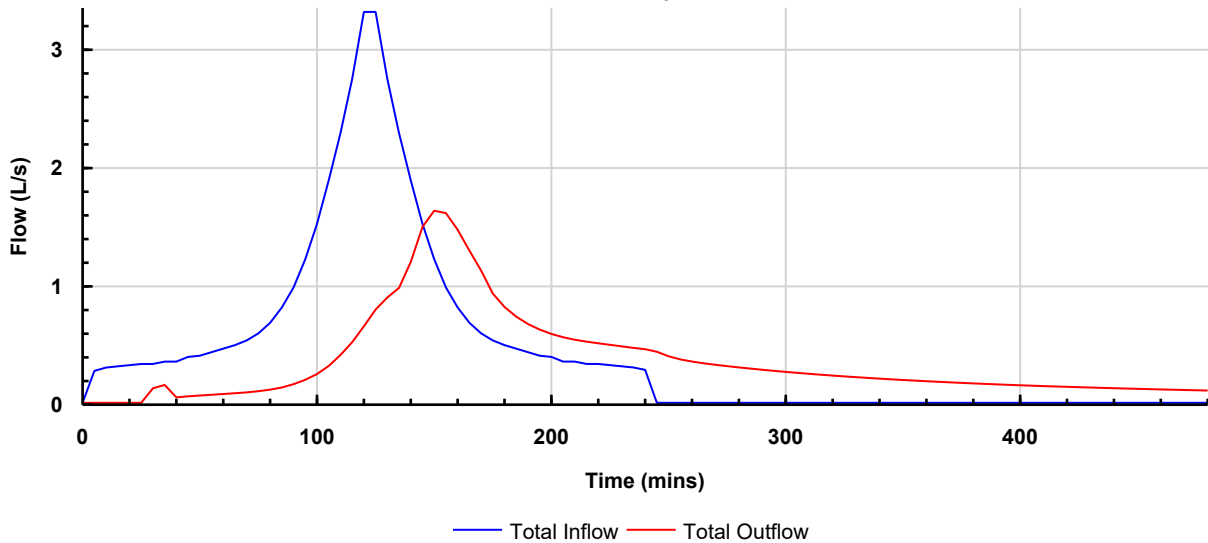
Phase
FSR: 2 years: Increase Rainfall (%): +0: 240 mins: Summer

Tables

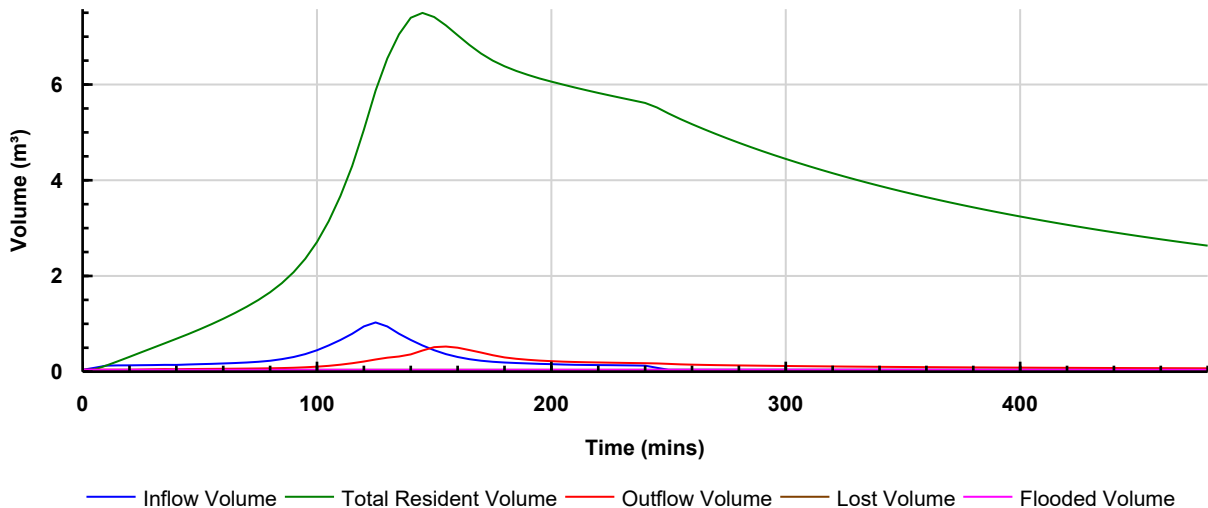
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.6	10.201
TOTAL	3.3	12.789	1.6	10.201

Graphs

Flow Graph



Volume Graph



Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024		
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Report Details: Type: Phase Management Storm Phase: Phase	Company Address: Aegaea		

aegaea
Flood risk, water and environment



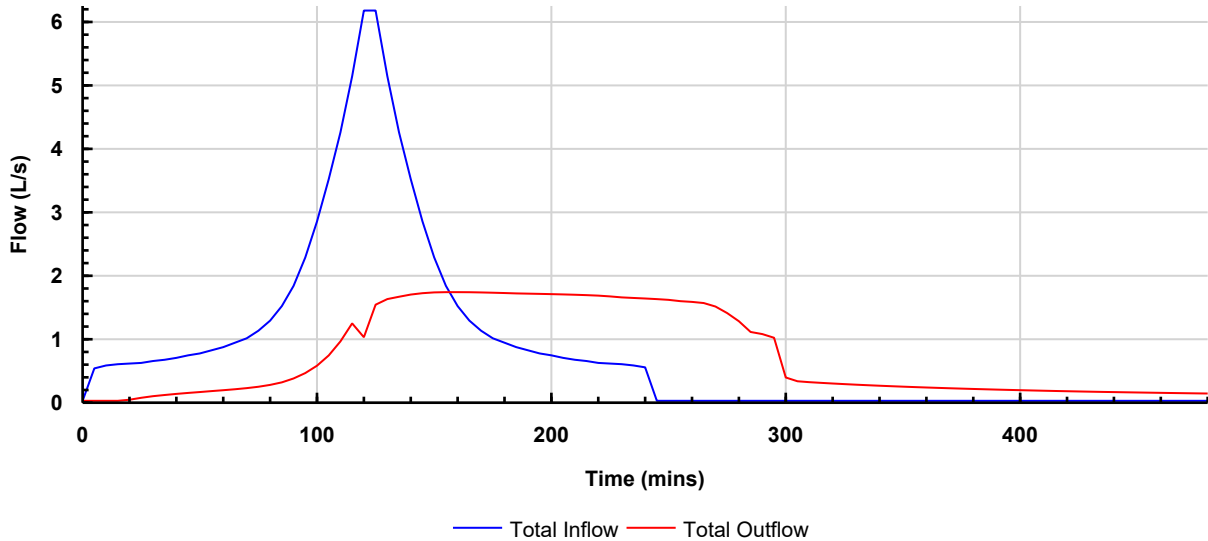
Phase
FSR: 30 years: Increase Rainfall (%): +0: 240 mins: Summer

Tables

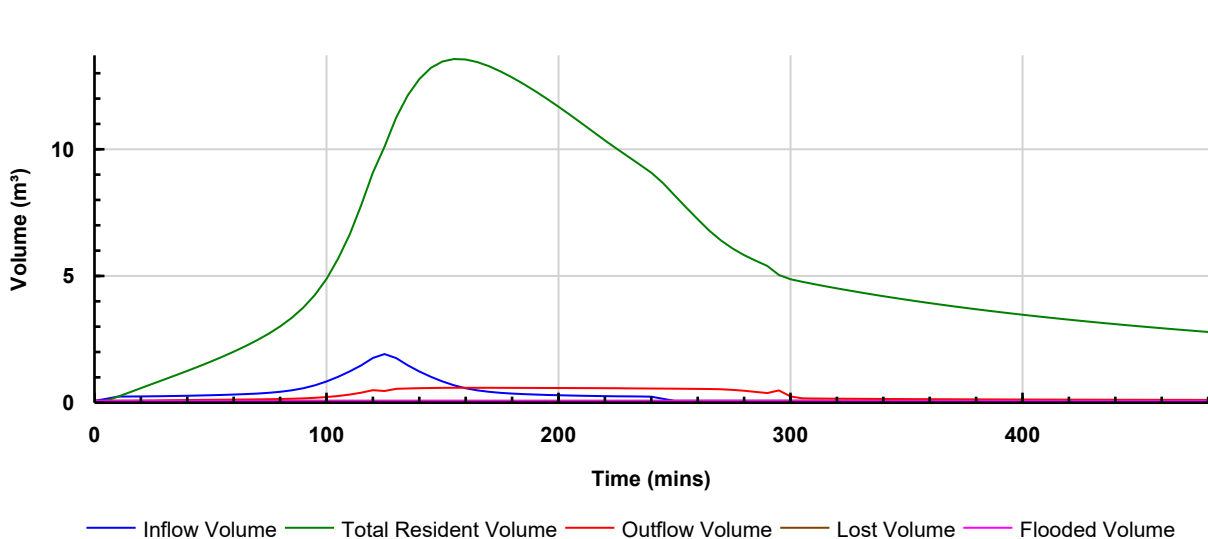
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.7	21.083
TOTAL	6.2	23.840	1.7	21.083

Graphs

Flow Graph



Volume Graph



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		Company Address: Aegaea			

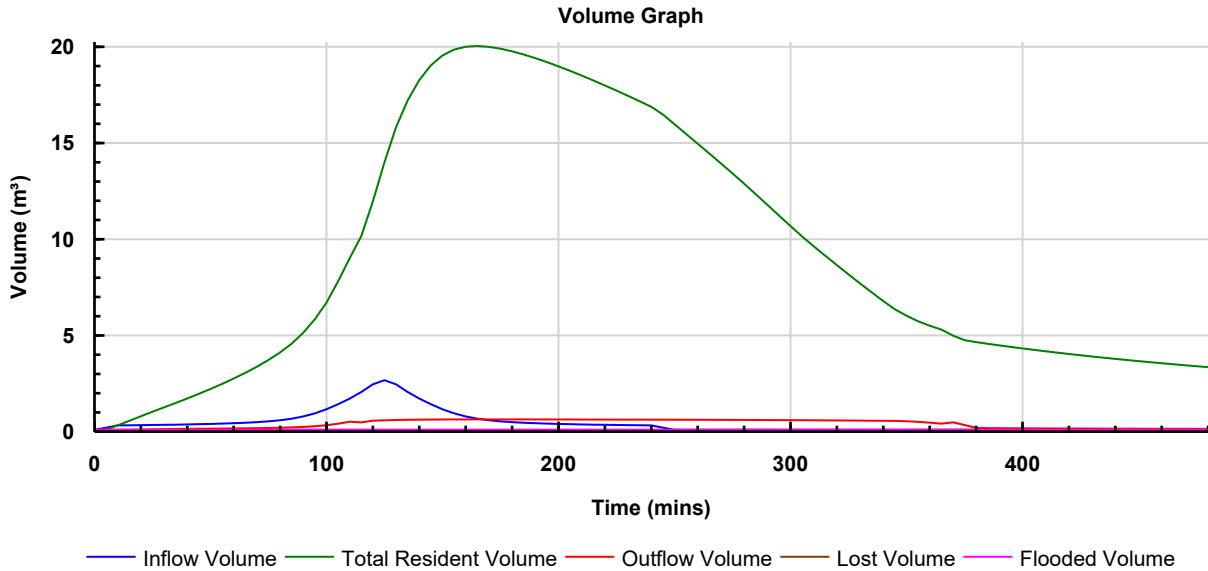
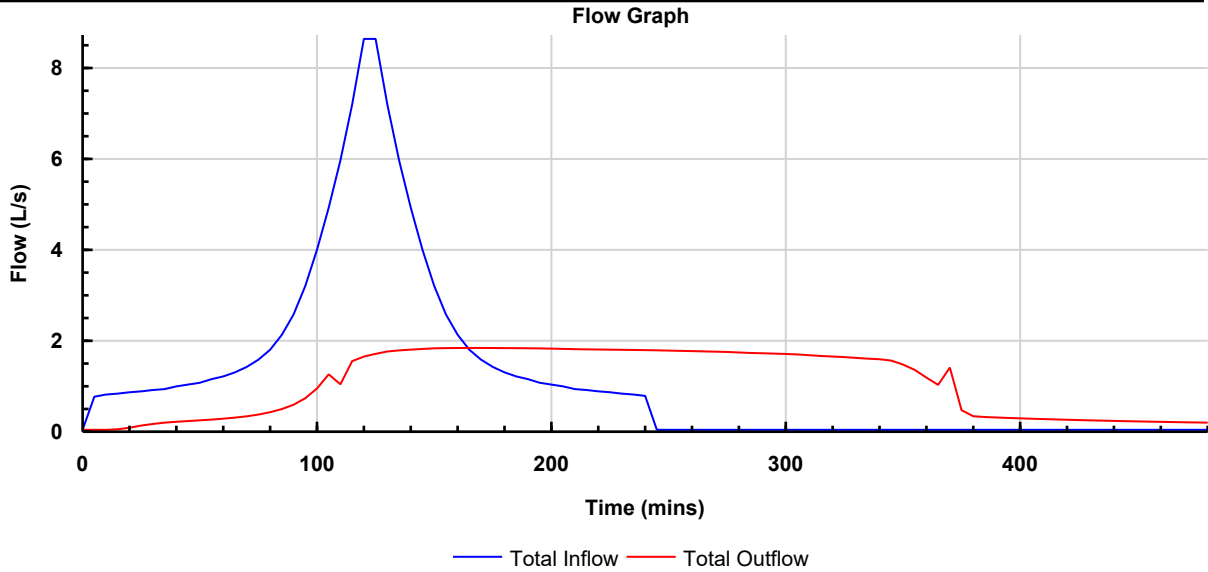


Phase
FSR: 30 years: Increase Rainfall (%): +40: 240 mins: Summer

Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.8	30.030
TOTAL	8.6	33.343	1.8	30.030

Graphs



Project: AEG02318 367 Wilmslow Road, Manchester, M14 6AH Proposed Network	Date: 02/01/2024		
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Report Details: Type: Phase Management Storm Phase: Phase	Company Address: Aegaea		

aegaea
Flood risk, water and environment



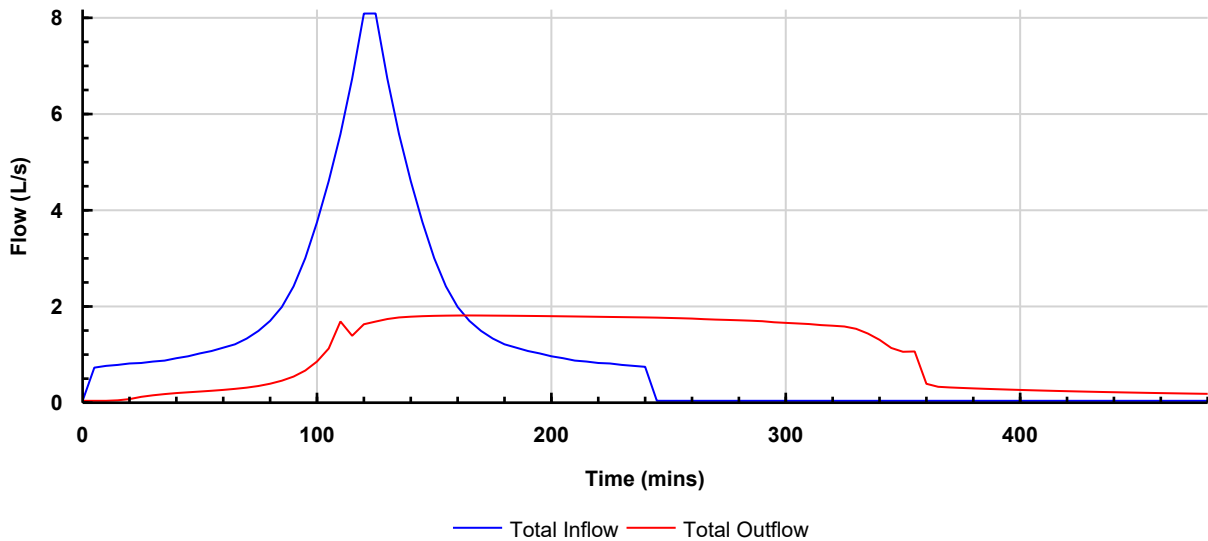
Phase
FSR: 100 years: Increase Rainfall (%): +0: 240 mins: Summer

Tables

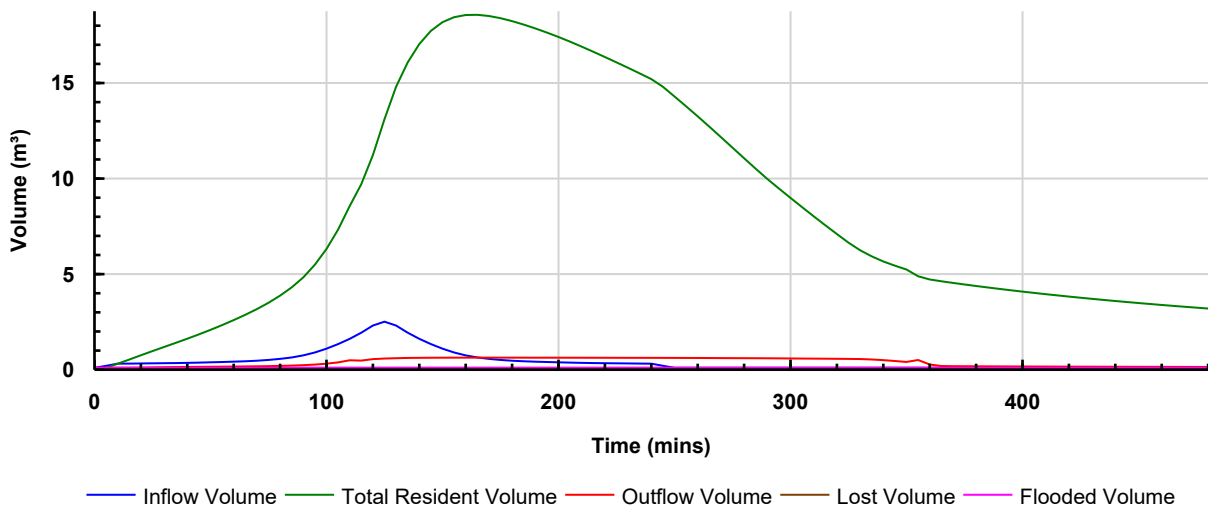
Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.8	28.052
TOTAL	8.1	31.213	1.8	28.052

Graphs

Flow Graph



Volume Graph



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	Designed by: OH	Checked by:	Approved By:
Report Details: Type: Phase Management Storm Phase: Phase	Company Address: Aegaea		



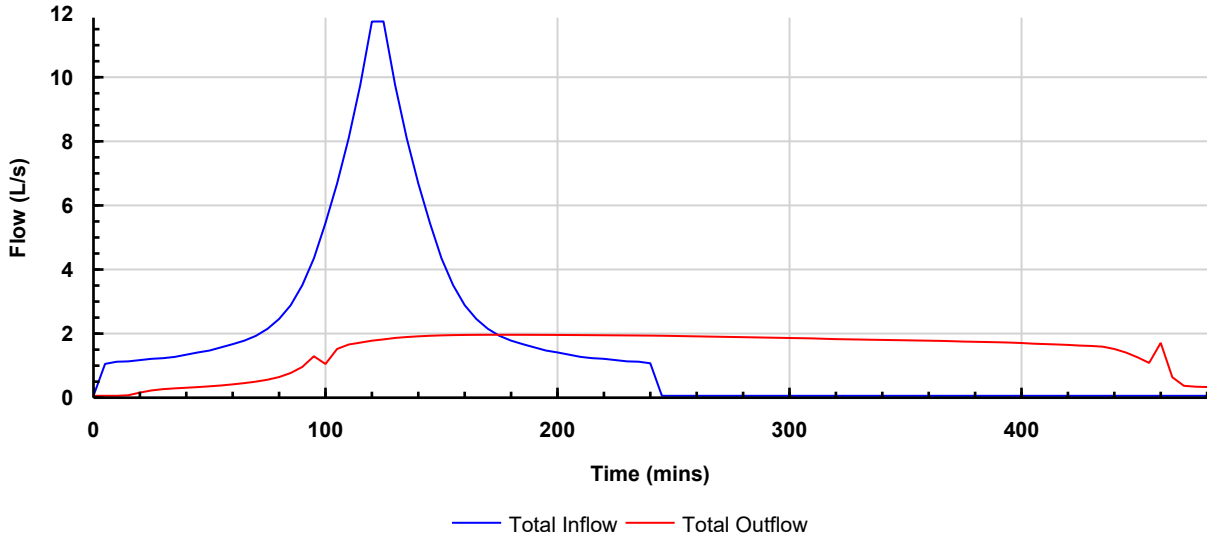
Phase
FSR: 100 years: Increase Rainfall (%): +45: 240 mins: Summer

Tables

Name	Max. Inflow (L/s)	Total Inflow Volume (m³)	Max. Outflow (L/s)	Total Outflow Volume (m³)
4609			1.9	40.810
TOTAL	11.7	45.264	1.9	40.810

Graphs

Flow Graph



Volume Graph

