

Flo Consult UK Ltd		Page 1
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ	Wardle Academy Surface Water Management Calculations	
Date 22/05/2023	Designed by MDS	
File SW NETWORK CALCULATIONS.MDX	Checked by MDS	
Innovyze	Network 2020.1.3	
STORM SEWER DESIGN by the Modified Rational Method Design Criteria for Storm Pipe Sizes STANDARD Manhole Sizes STANDARD FEH Rainfall Model Return Period (years) FEH Rainfall Version Site Location GB 391627 416081 SD 91627 16081 Data Type Maximum Rainfall (mm/hr) Maximum Time of Concentration (mins) Foul Sewage (l/s/ha) Volumetric Runoff Coeff. PIMP (%) Add Flow / Climate Change (%) Minimum Backdrop Height (m) Maximum Backdrop Height (m) Min Design Depth for Optimisation (m) Min Vel for Auto Design only (m/s) Min Slope for Optimisation (1:X) Designed with Level Soffits Time Area Diagram for Storm Time (mins) Area (ha) Time (mins) Area (ha) Total Area Contributing (ha) = 0.043 Total Pipe Volume (m³) = 0.461		
Network Design Table for Storm PN Length Fall Slope I.Area T.E. Base k HYD DIA Section Type Auto (m) (m) (1:X) (ha) (mins) Flow (l/s) (mm) SECT (mm) Design		
Network Results Table PN Rain T.C. US/IL Σ I.Area Σ Base Foul Add Flow Vel Cap Flow (mm/hr) (mins) (m) (ha) Flow (l/s) (l/s) (l/s) (m/s) (l/s) (l/s)		
©1982-2020 Innovyze		

Flo Consult UK Ltd		Page 4																																																																																																																																																								
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ	Wardle Academy Surface Water Management Calculations																																																																																																																																																									
Date 22/05/2023	Designed by MDS																																																																																																																																																									
File SW NETWORK CALCULATIONS.MDX	Checked by MDS																																																																																																																																																									
Innovyze	Network 2020.1.3																																																																																																																																																									
PIPELINE SCHEDULES for Storm Upstream Manhole <table><tr><th>PN</th><th>Hyd</th><th>Diam</th><th>MH</th><th>C.Level</th><th>I.Level</th><th>D.Depth</th><th>MH</th><th>MH DIAM., L*W</th></tr><tr><th></th><th>Sect</th><th>(mm)</th><th>Name</th><th>(m)</th><th>(m)</th><th>(m)</th><th>Connection</th><th>(mm)</th></tr><tr><td>1.000</td><td>o</td><td>150</td><td>1</td><td>170.100</td><td>169.040</td><td>0.910</td><td>Open Manhole</td><td>1200</td></tr><tr><td>1.001</td><td>o</td><td>150</td><td>2</td><td>170.420</td><td>168.870</td><td>1.400</td><td>Open Manhole</td><td>1200</td></tr><tr><td>1.002</td><td>o</td><td>150</td><td>3</td><td>170.420</td><td>168.800</td><td>1.470</td><td>Open Manhole</td><td>1200</td></tr></table> Downstream Manhole <table><tr><th>PN</th><th>Length</th><th>Slope</th><th>MH</th><th>C.Level</th><th>I.Level</th><th>D.Depth</th><th>MH</th><th>MH DIAM., L*W</th></tr><tr><th></th><th>(m)</th><th>(1:X)</th><th>Name</th><th>(m)</th><th>(m)</th><th>(m)</th><th>Connection</th><th>(mm)</th></tr><tr><td>1.000</td><td>16.950</td><td>99.7</td><td>2</td><td>170.420</td><td>168.870</td><td>1.400</td><td>Open Manhole</td><td>1200</td></tr><tr><td>1.001</td><td>7.150</td><td>102.1</td><td>3</td><td>170.420</td><td>168.800</td><td>1.470</td><td>Open Manhole</td><td>1200</td></tr><tr><td>1.002</td><td>2.000</td><td>100.0</td><td>S4</td><td>170.420</td><td>168.780</td><td>1.490</td><td>Open Manhole</td><td>1200</td></tr></table> Free Flowing Outfall Details for Storm <table><tr><th>Outfall</th><th>Outfall</th><th>C. Level</th><th>I. Level</th><th>Min</th><th>D,L</th><th>W</th></tr><tr><th>Pipe Number</th><th>Name</th><th>(m)</th><th>(m)</th><th>I. Level</th><th>(mm)</th><th>(mm)</th></tr><tr><td></td><td></td><td></td><td></td><td>(m)</td><td></td><td></td></tr><tr><td>1.002</td><td>S4</td><td>170.420</td><td>168.780</td><td>0.000</td><td>1200</td><td>0</td></tr></table> Simulation Criteria for Storm <table><tr><td>Volumetric Runoff Coeff</td><td>0.750</td><td>Additional Flow - % of Total Flow</td><td>0.000</td></tr><tr><td>Areal Reduction Factor</td><td>1.000</td><td>MADD Factor * 10m³/ha Storage</td><td>2.000</td></tr><tr><td>Hot Start (mins)</td><td>0</td><td>Inlet Coeffiecient</td><td>0.800</td></tr><tr><td>Hot Start Level (mm)</td><td>0</td><td>Flow per Person per Day (l/per/day)</td><td>0.000</td></tr><tr><td>Manhole Headloss Coeff (Global)</td><td>0.500</td><td>Run Time (mins)</td><td>60</td></tr><tr><td>Foul Sewage per hectare (l/s)</td><td>0.000</td><td>Output Interval (mins)</td><td>1</td></tr></table> Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 1 Number of Online Controls 1 Number of Storage Structures 1 Number of Real Time Controls 0 Synthetic Rainfall Details <table><tr><td>Rainfall Model</td><td>FEH</td></tr><tr><td>Return Period (years)</td><td>2</td></tr><tr><td>FEH Rainfall Version</td><td>2013</td></tr><tr><td>Site Location</td><td>GB 391627 416081 SD 91627 16081</td></tr><tr><td>Data Type</td><td>Point</td></tr></table>			PN	Hyd	Diam	MH	C.Level	I.Level	D.Depth	MH	MH DIAM., L*W		Sect	(mm)	Name	(m)	(m)	(m)	Connection	(mm)	1.000	o	150	1	170.100	169.040	0.910	Open Manhole	1200	1.001	o	150	2	170.420	168.870	1.400	Open Manhole	1200	1.002	o	150	3	170.420	168.800	1.470	Open Manhole	1200	PN	Length	Slope	MH	C.Level	I.Level	D.Depth	MH	MH DIAM., L*W		(m)	(1:X)	Name	(m)	(m)	(m)	Connection	(mm)	1.000	16.950	99.7	2	170.420	168.870	1.400	Open Manhole	1200	1.001	7.150	102.1	3	170.420	168.800	1.470	Open Manhole	1200	1.002	2.000	100.0	S4	170.420	168.780	1.490	Open Manhole	1200	Outfall	Outfall	C. Level	I. Level	Min	D,L	W	Pipe Number	Name	(m)	(m)	I. Level	(mm)	(mm)					(m)			1.002	S4	170.420	168.780	0.000	1200	0	Volumetric Runoff Coeff	0.750	Additional Flow - % of Total Flow	0.000	Areal Reduction Factor	1.000	MADD Factor * 10m³/ha Storage	2.000	Hot Start (mins)	0	Inlet Coeffiecient	0.800	Hot Start Level (mm)	0	Flow per Person per Day (l/per/day)	0.000	Manhole Headloss Coeff (Global)	0.500	Run Time (mins)	60	Foul Sewage per hectare (l/s)	0.000	Output Interval (mins)	1	Rainfall Model	FEH	Return Period (years)	2	FEH Rainfall Version	2013	Site Location	GB 391627 416081 SD 91627 16081	Data Type	Point
PN	Hyd	Diam	MH	C.Level	I.Level	D.Depth	MH	MH DIAM., L*W																																																																																																																																																		
	Sect	(mm)	Name	(m)	(m)	(m)	Connection	(mm)																																																																																																																																																		
1.000	o	150	1	170.100	169.040	0.910	Open Manhole	1200																																																																																																																																																		
1.001	o	150	2	170.420	168.870	1.400	Open Manhole	1200																																																																																																																																																		
1.002	o	150	3	170.420	168.800	1.470	Open Manhole	1200																																																																																																																																																		
PN	Length	Slope	MH	C.Level	I.Level	D.Depth	MH	MH DIAM., L*W																																																																																																																																																		
	(m)	(1:X)	Name	(m)	(m)	(m)	Connection	(mm)																																																																																																																																																		
1.000	16.950	99.7	2	170.420	168.870	1.400	Open Manhole	1200																																																																																																																																																		
1.001	7.150	102.1	3	170.420	168.800	1.470	Open Manhole	1200																																																																																																																																																		
1.002	2.000	100.0	S4	170.420	168.780	1.490	Open Manhole	1200																																																																																																																																																		
Outfall	Outfall	C. Level	I. Level	Min	D,L	W																																																																																																																																																				
Pipe Number	Name	(m)	(m)	I. Level	(mm)	(mm)																																																																																																																																																				
				(m)																																																																																																																																																						
1.002	S4	170.420	168.780	0.000	1200	0																																																																																																																																																				
Volumetric Runoff Coeff	0.750	Additional Flow - % of Total Flow	0.000																																																																																																																																																							
Areal Reduction Factor	1.000	MADD Factor * 10m³/ha Storage	2.000																																																																																																																																																							
Hot Start (mins)	0	Inlet Coeffiecient	0.800																																																																																																																																																							
Hot Start Level (mm)	0	Flow per Person per Day (l/per/day)	0.000																																																																																																																																																							
Manhole Headloss Coeff (Global)	0.500	Run Time (mins)	60																																																																																																																																																							
Foul Sewage per hectare (l/s)	0.000	Output Interval (mins)	1																																																																																																																																																							
Rainfall Model	FEH																																																																																																																																																									
Return Period (years)	2																																																																																																																																																									
FEH Rainfall Version	2013																																																																																																																																																									
Site Location	GB 391627 416081 SD 91627 16081																																																																																																																																																									
Data Type	Point																																																																																																																																																									
©1982-2020 Innovyze																																																																																																																																																										

Flo Consult UK Ltd		Page 5
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ	Wardle Academy Surface Water Management Calculations	
Date 22/05/2023	Designed by MDS	
File SW NETWORK CALCULATIONS.MDX	Checked by MDS	
Innovyze	Network 2020.1.3	
Synthetic Rainfall Details Summer Storms Yes Winter Storms Yes Cv (Summer) 0.750 Cv (Winter) 0.840 Storm Duration (mins) 30		
©1982-2020 Innovyze		

Flo Consult UK Ltd		Page 6																																																																																													
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ	Wardle Academy Surface Water Management Calculations																																																																																														
Date 22/05/2023	Designed by MDS																																																																																														
File SW NETWORK CALCULATIONS.MDX	Checked by MDS																																																																																														
Innovyze	Network 2020.1.3																																																																																														
Online Controls for Storm Hydro-Brake® Optimum Manhole: 3, DS/PN: 1.002, Volume (m³): 1.9 Unit Reference MD-SHE-0103-5000-1200-5000 Design Head (m)1.200 Design Flow (l/s)5.0 Flush-Flo™Calculated ObjectiveMinimise upstream storage ApplicationSurface Sump AvailableYes Diameter (mm)103 Invert Level (m)168.800 Minimum Outlet Pipe Diameter (mm)150 Suggested Manhole Diameter (mm)1200 <table><tr><td>Control Points</td><td>Head (m)</td><td>Flow (l/s)</td><td>Control Points</td><td>Head (m)</td><td>Flow (l/s)</td></tr><tr><td>Design Point (Calculated)</td><td>1.200</td><td>5.0</td><td>Kick-Flo®</td><td>0.745</td><td>4.0</td></tr><tr><td>Flush-Flo™</td><td>0.354</td><td>5.0</td><td>Mean Flow over Head Range</td><td>-</td><td>4.4</td></tr></table> The hydrological calculations have been based on the Head/Discharge relationship for the Hydro-Brake® Optimum as specified. Should another type of control device other than a Hydro-Brake Optimum® be utilised then these storage routing calculations will be invalidated <table><tr><td>Depth (m)</td><td>Flow (l/s)</td><td>Depth (m)</td><td>Flow (l/s)</td><td>Depth (m)</td><td>Flow (l/s)</td><td>Depth (m)</td><td>Flow (l/s)</td></tr><tr><td>0.100</td><td>3.4</td><td>1.200</td><td>5.0</td><td>3.000</td><td>7.7</td><td>7.000</td><td>11.5</td></tr><tr><td>0.200</td><td>4.7</td><td>1.400</td><td>5.4</td><td>3.500</td><td>8.3</td><td>7.500</td><td>11.8</td></tr><tr><td>0.300</td><td>5.0</td><td>1.600</td><td>5.7</td><td>4.000</td><td>8.8</td><td>8.000</td><td>12.2</td></tr><tr><td>0.400</td><td>5.0</td><td>1.800</td><td>6.0</td><td>4.500</td><td>9.3</td><td>8.500</td><td>12.6</td></tr><tr><td>0.500</td><td>4.9</td><td>2.000</td><td>6.3</td><td>5.000</td><td>9.8</td><td>9.000</td><td>12.9</td></tr><tr><td>0.600</td><td>4.7</td><td>2.200</td><td>6.6</td><td>5.500</td><td>10.2</td><td>9.500</td><td>13.3</td></tr><tr><td>0.800</td><td>4.1</td><td>2.400</td><td>6.9</td><td>6.000</td><td>10.7</td><td></td><td></td></tr><tr><td>1.000</td><td>4.6</td><td>2.600</td><td>7.2</td><td>6.500</td><td>11.1</td><td></td><td></td></tr></table> <tr><td colspan="3">©1982-2020 Innovyze</td></tr>			Control Points	Head (m)	Flow (l/s)	Control Points	Head (m)	Flow (l/s)	Design Point (Calculated)	1.200	5.0	Kick-Flo®	0.745	4.0	Flush-Flo™	0.354	5.0	Mean Flow over Head Range	-	4.4	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	0.100	3.4	1.200	5.0	3.000	7.7	7.000	11.5	0.200	4.7	1.400	5.4	3.500	8.3	7.500	11.8	0.300	5.0	1.600	5.7	4.000	8.8	8.000	12.2	0.400	5.0	1.800	6.0	4.500	9.3	8.500	12.6	0.500	4.9	2.000	6.3	5.000	9.8	9.000	12.9	0.600	4.7	2.200	6.6	5.500	10.2	9.500	13.3	0.800	4.1	2.400	6.9	6.000	10.7			1.000	4.6	2.600	7.2	6.500	11.1			©1982-2020 Innovyze		
Control Points	Head (m)	Flow (l/s)	Control Points	Head (m)	Flow (l/s)																																																																																										
Design Point (Calculated)	1.200	5.0	Kick-Flo®	0.745	4.0																																																																																										
Flush-Flo™	0.354	5.0	Mean Flow over Head Range	-	4.4																																																																																										
Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)																																																																																								
0.100	3.4	1.200	5.0	3.000	7.7	7.000	11.5																																																																																								
0.200	4.7	1.400	5.4	3.500	8.3	7.500	11.8																																																																																								
0.300	5.0	1.600	5.7	4.000	8.8	8.000	12.2																																																																																								
0.400	5.0	1.800	6.0	4.500	9.3	8.500	12.6																																																																																								
0.500	4.9	2.000	6.3	5.000	9.8	9.000	12.9																																																																																								
0.600	4.7	2.200	6.6	5.500	10.2	9.500	13.3																																																																																								
0.800	4.1	2.400	6.9	6.000	10.7																																																																																										
1.000	4.6	2.600	7.2	6.500	11.1																																																																																										
©1982-2020 Innovyze																																																																																															



Micro
Drainage

Flo Consult UK Ltd				Page 8									
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ				Wardle Academy Surface Water Management Calculations									
Date 22/05/2023				Designed by MDS									
File SW NETWORK CALCULATIONS.MDX				Checked by MDS									
Innovyze				Network 2020.1.3									
2 year Return Period Summary of Critical Results by Maximum Level (Rank 1) for Storm													
Simulation Criteria													
Areal Reduction Factor 1.000				Additional Flow - % of Total Flow 0.000									
Hot Start (mins) 0				MADD Factor * 10m³/ha Storage 2.000									
Hot Start Level (mm) 0				Inlet Coefficient 0.800									
Manhole Headloss Coeff (Global) 0.500				Flow per Person per Day (l/per/day) 0.000									
Foul Sewage per hectare (l/s) 0.000													
Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 1 Number of Online Controls 1 Number of Storage Structures 1 Number of Real Time Controls 0													
Synthetic Rainfall Details													
Rainfall Model				FEH									
FEH Rainfall Version				2013									
Site Location GB 391627 416081 SD 91627 16081													
Data Type				Point									
Cv (Summer)				0.750									
Cv (Winter)				0.840									
Margin for Flood Risk Warning (mm) 300.0 DVD Status OFF Analysis Timestep Fine Inertia Status OFF DTS Status ON													
Profile(s) Summer and Winter													
Duration(s) (mins) 15, 30, 60, 120, 240, 360, 480, 960, 1440													
Return Period(s) (years) 2, 30, 100													
Climate Change (%) 0, 40, 45													
Water													
US/MH		Return Climate		First (X)		First (Y)		First (Z)		Overflow		Level	
PN	Name	Storm	Period	Change	Surcharge	Flood	Overflow	Act.					(m)
1.000	1	15 Winter	2	+0%	30/15 Summer								169.085
1.001	2	15 Winter	2	+0%	30/15 Summer								168.979
1.002	3	15 Winter	2	+0%	2/15 Summer								168.967
Surcharged Flooded													
US/MH		Depth		Volume		Flow / Overflow		Half Drain		Pipe		Level	
PN	Name	(m)	(m³)	Cap.	(l/s)	Time (mins)	Flow (l/s)	Status					Exceeded
1.000	1	-0.105	0.000	0.20		6	3.2	OK					
1.001	2	-0.041	0.000	0.31			4.7	OK					
1.002	3	0.017	0.000	0.40			4.3	SURCHARGED					
©1982-2020 Innovyze													

Flo Consult UK Ltd				Page 9			
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ				Wardle Academy Surface Water Management Calculations			
Date 22/05/2023				Designed by MDS			
File SW NETWORK CALCULATIONS.MDX				Checked by MDS			
Innovyze				Network 2020.1.3			
<u>30 year Return Period Summary of Critical Results by Maximum Level (Rank 1) for Storm</u>							
<u>Simulation Criteria</u>							
Areal Reduction Factor 1.000				Additional Flow - % of Total Flow 0.000			
Hot Start (mins) 0				MADD Factor * 10m³/ha Storage 2.000			
Hot Start Level (mm) 0				Inlet Coefficient 0.800			
Manhole Headloss Coeff (Global) 0.500				Flow per Person per Day (l/per/day) 0.000			
Foul Sewage per hectare (l/s) 0.000							
Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 1 Number of Online Controls 1 Number of Storage Structures 1 Number of Real Time Controls 0							
<u>Synthetic Rainfall Details</u>							
Rainfall Model				FEH			
FEH Rainfall Version				2013			
Site Location GB 391627 416081 SD 91627 16081							
Data Type				Point			
Cv (Summer)				0.750			
Cv (Winter)				0.840			
Margin for Flood Risk Warning (mm) 300.0 DVD Status OFF							
Analysis Timestep Fine Inertia Status OFF							
DTS Status ON							
Profile(s) Summer and Winter							
Duration(s) (mins) 15, 30, 60, 120, 240, 360, 480, 960, 1440							
Return Period(s) (years) 2, 30, 100							
Climate Change (%) 0, 40, 45							

Flo Consult UK Ltd						Page 10																																																							
4 Market Square Old Amersham Buckinghamshire, HP7 0DQ				Wardle Academy Surface Water Management Calculations																																																									
Date 22/05/2023				Designed by MDS																																																									
File SW NETWORK CALCULATIONS.MDX				Checked by MDS																																																									
Innovyze				Network 2020.1.3																																																									
<u>100 year Return Period Summary of Critical Results by Maximum Level (Rank 1)</u> <u>for Storm</u>																																																													
<u>Simulation Criteria</u>																																																													
Areal Reduction Factor		1.000		Additional Flow - % of Total Flow		0.000																																																							
Hot Start (mins)		0		MADD Factor * 10m³/ha Storage		2.000																																																							
Hot Start Level (mm)		0		Inlet Coefficient		0.800																																																							
Manhole Headloss Coeff (Global)		0.500		Flow per Person per Day (l/per/day)		0.000																																																							
Foul Sewage per hectare (l/s)		0.000																																																											
Number of Input Hydrographs		0		Number of Offline Controls		0																																																							
Number of Online Controls		1		Number of Storage Structures		1																																																							
				Number of Time/Area Diagrams		1																																																							
				Number of Real Time Controls		0																																																							
<u>Synthetic Rainfall Details</u>																																																													
Rainfall Model				FEH																																																									
FEH Rainfall Version				2013																																																									
Site Location				GB 391627 416081 SD 91627 16081																																																									
Data Type				Point																																																									
Cv (Summer)				0.750																																																									
Cv (Winter)				0.840																																																									
Margin for Flood Risk Warning (mm)				300.0		DVD Status OFF																																																							
Analysis Timestep				Fine Inertia		Status OFF																																																							
DTS Status				ON																																																									
Profile(s)				Summer and Winter																																																									
Duration(s) (mins)				15, 30, 60, 120, 240, 360, 480, 960, 1440																																																									
Return Period(s) (years)				2, 30, 100																																																									
Climate Change (%)				0, 40, 45																																																									
<table><tr><td></td><td>US/MH</td><td></td><td>Return Climate</td><td>First (X)</td><td>First (Y)</td><td>First (Z)</td><td>Overflow</td><td>Water</td></tr><tr><td>PN</td><td>Name</td><td>Storm</td><td>Period Change</td><td>Surcharge</td><td>Flood</td><td>Overflow</td><td>Act.</td><td>Level</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>(m)</td></tr><tr><td>1.000</td><td>1</td><td>60 Winter</td><td>100 +45%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>169.940</td></tr><tr><td>1.001</td><td>2</td><td>60 Winter</td><td>100 +45%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>169.931</td></tr><tr><td>1.002</td><td>3</td><td>60 Winter</td><td>100 +45%</td><td>2/15 Summer</td><td></td><td></td><td></td><td>169.921</td></tr></table>									US/MH		Return Climate	First (X)	First (Y)	First (Z)	Overflow	Water	PN	Name	Storm	Period Change	Surcharge	Flood	Overflow	Act.	Level									(m)	1.000	1	60 Winter	100 +45%	30/15 Summer				169.940	1.001	2	60 Winter	100 +45%	30/15 Summer				169.931	1.002	3	60 Winter	100 +45%	2/15 Summer				169.921
	US/MH		Return Climate	First (X)	First (Y)	First (Z)	Overflow	Water																																																					
PN	Name	Storm	Period Change	Surcharge	Flood	Overflow	Act.	Level																																																					
								(m)																																																					
1.000	1	60 Winter	100 +45%	30/15 Summer				169.940																																																					
1.001	2	60 Winter	100 +45%	30/15 Summer				169.931																																																					
1.002	3	60 Winter	100 +45%	2/15 Summer				169.921																																																					
<table><tr><td></td><td>US/MH</td><td>Depth</td><td>Volume</td><td>Flow /</td><td>Half Drain</td><td>Pipe</td><td></td><td>Level</td></tr><tr><td>PN</td><td>Name</td><td>(m)</td><td>(m³)</td><td>Cap.</td><td>Time</td><td>Flow</td><td>Status</td><td>Exceeded</td></tr><tr><td></td><td></td><td></td><td></td><td>(l/s)</td><td>(mins)</td><td>(l/s)</td><td></td><td></td></tr><tr><td>1.000</td><td>1</td><td>0.750</td><td>0.000</td><td>0.25</td><td></td><td>36</td><td>4.1 FLOOD RISK</td><td></td></tr><tr><td>1.001</td><td>2</td><td>0.911</td><td>0.000</td><td>0.38</td><td></td><td></td><td>5.7 SURCHARGED</td><td></td></tr><tr><td>1.002</td><td>3</td><td>0.971</td><td>0.000</td><td>0.46</td><td></td><td></td><td>5.0 SURCHARGED</td><td></td></tr></table>									US/MH	Depth	Volume	Flow /	Half Drain	Pipe		Level	PN	Name	(m)	(m³)	Cap.	Time	Flow	Status	Exceeded					(l/s)	(mins)	(l/s)			1.000	1	0.750	0.000	0.25		36	4.1 FLOOD RISK		1.001	2	0.911	0.000	0.38			5.7 SURCHARGED		1.002	3	0.971	0.000	0.46			5.0 SURCHARGED	
	US/MH	Depth	Volume	Flow /	Half Drain	Pipe		Level																																																					
PN	Name	(m)	(m³)	Cap.	Time	Flow	Status	Exceeded																																																					
				(l/s)	(mins)	(l/s)																																																							
1.000	1	0.750	0.000	0.25		36	4.1 FLOOD RISK																																																						
1.001	2	0.911	0.000	0.38			5.7 SURCHARGED																																																						
1.002	3	0.971	0.000	0.46			5.0 SURCHARGED																																																						
©1982-2020 Innovyze																																																													