

Global Variables

Region	FSR - England & Wales
Return Period (yrs)	2
M5-60 (mm)	18.800
Ratio R	0.400
Volumetric Runoff Coef	0.750
Profile Type	Summer
PIMP (%)	100
Areal Reduction Factor	1.000
Storm Duration (mins)	15
Hot Start (mins)	0
Hot Start Level (mm)	0
Manhole Headloss Coefficient	0.500
MADD Factor * 10m³/ha Storage	2.000
Foul Sewage/Hectare (l/s)	0.00
Additional Flow - % of Total Flow	0
Inlet Coefficient	0.800
Number of Input Hydrographs	0
Number of Time/Area Diagrams	0
Number of Bifurcations	0
Number of Overflows	0
Number of Off-Line Controls	11
Number of On-Line Controls	7

Starting Storm file name

J:\11321\2002\Windes\West side\West Side revised thursday.SWS

Freely Discharging Outfalls

Outfall Pipe Number	Outfall MH/No	C.Level (m)	I.Level (m)	D,L (mm)	B (mm)
1.004	O/F 1	40.200	38.200	1200	0

On-Line Controls (Orifice)

US/PN	Volume (m³)	Ctrl MH Name	Invert (m)	Dia (m)	Discharge Coefficient
2.001	0.392	9	38.703	0.080	0.600
3.000	0.394	9	38.703	0.080	0.600
6.001	0.591	19	38.526	0.080	0.600
7.000	0.516	19	38.526	0.080	0.600

On-Line Controls (Hydro-Brake®)

US/PN	Volume (m³)	Ctrl MH Name	Invert (m)	Type	Dia (m)	D.Head (m)	D.Flow (l/s)	Headloss (m)	Flow (l/s)
1.002	1.960	21	38.276	Md2	0.066	1.100	4.7	0.1	2.0
								0.2	2.1
								0.3	2.5
								0.4	2.9
								0.5	3.2
								0.6	3.5
								0.7	3.8
								0.8	4.1
								0.9	4.3
								1.0	4.5
								1.2	5.0
								1.4	5.4
6.002	0.116	21	38.276	Md2	0.066	1.100	4.7	1.6	5.8
								1.8	6.1
								2.0	6.4
								0.1	2.0
								0.2	2.1
								0.3	2.5
								0.4	2.9
								0.5	3.2
								0.6	3.5
								0.7	3.8
								0.8	4.1
								0.9	4.3
8.000	0.263	21	38.276	Md2	0.066	1.100	4.7	1.0	4.5
								1.2	5.0
								1.4	5.4
								1.6	5.8
								1.8	6.1
								2.0	6.4
								0.1	2.0
								0.2	2.1
								0.3	2.5
								0.4	2.9
								0.5	3.2
								0.6	3.5
								0.7	3.8
								0.8	4.1
								0.9	4.3
								1.0	4.5
								1.2	5.0
								1.4	5.4
								1.6	5.8
								1.8	6.1
								2.0	6.4

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Surface Water Network	
Date 8th July 2010 File West Side.SIM	Designed By VH Checked By	
Micro Drainage	Simulation W.11.4 net	

Off-line Weir Controls

DS/PN	Loop PN	MH Loss	Height above DS PN (m)	Width (m)	Discharge Coefficient
1.003	8.000	0.500	0.150	0.135	0.544

Off-line Flap Controls

DS/PN	Loop PN	MH Loss	Height above DS PN (m)	Diameter (m)	Coef of Contraction
1.003	1.003	0.500	0.000	0.100	0.600

Infiltration Systems

Warning:- Volume should always be included unless the upstream pipe is being used for storage and/or as a carrier.

DS/PN	MH Loss	Height above DS PN (m)	Filename	Type	Include Volume
1.000	0.500	1.054	Permeable Paving B.SRC	Porous Car Park	Yes
2.000	0.500	0.730	Permeable Paving E.SRC	Porous Car Park	Yes
3.000	0.500	0.931	Permeable Paving F.SRC	Porous Car Park	Yes
2.002	0.500	0.997	Permeable Paving D.SRC	Porous Car Park	Yes
1.001	0.500	1.361	Permeable Paving C.SRC	Porous Car Park	Yes
1.002	0.500	1.390	Permeable Paving H.SRC	Porous Car Park	Yes
6.000	0.500	0.967	Permeable Paving G.SRC	Porous Car Park	Yes
8.000	0.500	0.000	Network Storage.SRC	Cellular Storage	Yes (capped) (lvl 39.081m)
1.003	0.500	0.000	1.003 filter drain.SRC	Infiltration Trench	Yes

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving E	
Date 8th July 2010	Designed By VH	
File Permeable Paving E.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	55.2
Length (m)	41.4	Depression Storage (mm)	5
Width (m)	4.8	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m) 0.225 Discharge Coefficient 0.600 Invert Level (m) 0.000

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving F	
Date 8th July 2010	Designed By VH	
File Permeable Paving F.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	100.0
Length (m)	20.0	Depression Storage (mm)	5
Width (m)	18.0	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m)	0.225	Discharge Coefficient	0.600	Invert Level (m)	0.000
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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving D	
Date 8th July 2010	Designed By VH	
File Permeable Paving D.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	13.3
Length (m)	10.0	Depression Storage (mm)	5
Width (m)	4.8	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m) 0.225 Discharge Coefficient 0.600 Invert Level (m) 0.000

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Caversham Bridge House	Green Park Village	
Waterman Place	West Lakeside	
Reading RG1 8DN	Permeable Paving B	
Date 8th July 2010	Designed By VH	
File Permeable Paving B.SRC	Checked By	
Micro Drainage	Source Control W.11.4 net	

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	145.8
Length (m)	21.0	Depression Storage (mm)	5
Width (m)	25.0	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m)	0.225	Discharge Coefficient	0.600	Invert Level (m)	0.000
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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving C	
Date 8th July 2010	Designed By VH	
File Permeable Paving C.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	75.6
Length (m)	34.0	Depression Storage (mm)	5
Width (m)	8.0	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m) 0.225 Discharge Coefficient 0.600 Invert Level (m) 0.000

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving H	
Date 8th July 2010	Designed By VH	
File Permeable Paving H.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	179.4
Length (m)	20.0	Depression Storage (mm)	5
Width (m)	32.3	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m) 0.225 Discharge Coefficient 0.600 Invert Level (m) 0.000

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Permeable Paving G	
Date 8th July 2010	Designed By VH	
File Permeable Paving G.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Porous Car Park Details

Infil Coef - Base (m/hr)	0.000000	Invert Level (m)	0.000
Membrane Percolation (mm/hr)	1000	Cover Level (m)	0.350
Safety Factor	2.0	Slope (1:x)	500.0
Porosity	0.30	Max Percolation (l/s)	73.3
Length (m)	17.6	Depression Storage (mm)	5
Width (m)	15.0	Evaporation (mm/day)	3

Orifice Outflow Control

Diameter (m)	0.225	Discharge Coefficient	0.600	Invert Level (m)	0.000
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Cellular Storage Details

Infil Coef - Base (m/hr) 0.000000 Porosity 0.95
 Infil Coef - Sides (m/hr) 0.000000 Invert Level (m) 0.000
 Safety Factor 2.0 Ground Level (m) 0.800

Depth (m)	Area (m ²)	Infil. Area (m ²)	Depth (m)	Area (m ²)	Infil. Area (m ²)	Depth (m)	Area (m ²)	Infil. Area (m ²)	Depth (m)	Area (m ²)	Infil. Area (m ²)
0.00	182.0	182.0	0.70	182.0	219.8	1.40	0.0	225.2	2.10	0.0	225.2
0.10	182.0	187.4	0.80	182.0	225.2	1.50	0.0	225.2	2.20	0.0	225.2
0.20	182.0	192.8	0.90	0.0	225.2	1.60	0.0	225.2	2.30	0.0	225.2
0.30	182.0	198.2	1.00	0.0	225.2	1.70	0.0	225.2	2.40	0.0	225.2
0.40	182.0	203.6	1.10	0.0	225.2	1.80	0.0	225.2	2.50	0.0	225.2
0.50	182.0	209.0	1.20	0.0	225.2	1.90	0.0	225.2			
0.60	182.0	214.4	1.30	0.0	225.2	2.00	0.0	225.2			

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside 1.003 filter drain	
Date 8th July 2010	Designed By VH	
File 1.003 filter drain.SRC	Checked By	
Micro Drainage		Source Control W.11.4 net

Infiltration Trench Details

Infil Coef - Base (m/hr)	0.000000	Length (m)	25.5
Infil Coef - Sides (m/hr)	0.000000	Invert Level (m)	0.000
Safety Factor	2.0	Cover Level (m)	0.800
Porosity	0.30	Slope (1:X)	405.0
Width (m)	0.8		

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Caversham Bridge House Waterman Place Reading RG1 8DN	Green Park Village West Lakeside Surface Water Network	
Date 8th July 2010 File West Side.SIM	Designed By VH Checked By	
Micro Drainage	Simulation W.11.4 net	

Network Details

* - Indicates pipe has been modified outside of WinDes's Storm/Foul & Schedules

PN	Length (m)	Fall (m)	Slope (1:x)	Area (ha)	T.E. (mins)	Rain Pro	k (mm)	Hyd Sect	Dia (mm)
1.000	13.69	0.082	166.9	0.054	4.00	1	0.600	o	225
2.000	33.51	0.201	166.7	0.041	4.00	1	0.600	o	225
2.001	11.05	0.066	167.4	0.020	0.00	1	0.600	o	225
3.000	11.10	0.066	168.2	0.048	4.00	1	0.600	o	225
2.002	23.28	0.139	167.5	0.016	0.00	1	0.600	o	225
4.000	6.87	0.041	167.5	0.020	4.00	1	0.600	o	225
4.001	3.20	0.019	168.5	0.000	0.00	1	0.600	o	225
4.002	15.41	0.092	167.5	0.004	0.00	1	0.600	o	225
5.000	6.33	0.038	166.6	0.020	4.00	1	0.600	o	225
4.003	13.07	0.078	167.5	0.004	0.00	1	0.600	o	225
1.001	11.60	0.029	400.0	0.047	0.00	1	0.600	o	450
1.002	13.60	0.034	400.0	0.065	0.00	1	0.600	o	450
6.000	18.57	0.111	167.3	0.038	4.00	1	0.600	o	225
6.001	16.07	0.096	167.4	0.011	0.00	1	0.600	o	225
7.000	14.17	0.085	166.7	0.012	4.00	1	0.600	o	225
6.002	4.20	0.025	167.8	0.000	0.00	1	0.600	o	225
8.000	5.00	0.005	1000.6	0.000	4.00	1	0.600	o	300
1.003	25.52	0.024	1063.4	0.000	0.00	1	0.600	o	450
1.004	5.00	0.013	384.3	0.000	0.00	1	0.600	o	450
PN	USMH No.	US/CL (m)	US/IL (m)	US C.Depth (m)	DS/CL (m)	DS/IL (m)	DS C.Depth (m)	Ctrl No.	US/MH (mm)
1.000	5	40.200	38.646	1.329	40.200	38.564	1.411		1200
2.000	6	40.200	38.970	1.005	40.200	38.769	1.206		1200
2.001	7	40.200	38.769	1.206	40.200	38.703	1.272		1200
3.000	8	40.200	38.769	1.206	40.200	38.703	1.272		1200
2.002	9	40.200	38.703	1.272	40.200	38.564	1.411	1	1200
4.000	10	40.200	38.794	1.181	40.200	38.753	1.222		1200
4.001	11	40.200	38.753	1.222	40.200	38.734	1.241		1200
4.002	12	40.200	38.734	1.241	40.200	38.642	1.333		1200
5.000	13	40.200	38.680	1.295	40.200	38.642	1.333		1200
4.003	14	40.200	38.642	1.333	40.200	38.564	1.411		1200
1.001	15	40.200	38.339	1.411	40.200	38.310	1.440		1350
1.002	16	40.200	38.310	1.440	40.200	38.276	1.474		1200
6.000	16	40.200	38.733	1.242	40.200	38.622	1.353		1200
6.001	17	40.200	38.622	1.353	40.200	38.526	1.449		1200
7.000	18	40.200	38.611	1.364	40.200	38.526	1.449		1200
6.002	19	40.200	38.526	1.449	40.200	38.501	1.474	1	1200
8.000	20	40.200	38.281	1.619	40.200	38.276	1.624		1200
1.003	21	40.200	38.276	1.474	40.200	38.252	1.498	9	1350
1.004	23	40.200	38.213	1.537	40.200	38.200	1.550		1350

Summary Wizard of "CRITICAL BY RETURN PERIOD"(Rank 1 by Max Level)
Results for Design Storms

Margin for Flood Risk warning (mm)	300
DTS Status	ON
DVD Status	ON
Inertia Status	OFF
Analysis Time Step	2.5 second increment (extended)

Profile(s)	Summer and Winter
Duration(s) (mins)	15, 30, 60, 120, 240, 360, 480, 960, 1440
Return Period(s) (years)	30, 100
Climate Change (%)	0, 0

PN	Storm	Return Period	Climate Change	Rank	First X Surchage	First Y Flood	First Z Overflow	O/F Act
1.000	15 Summer	30	0%	1	100/120 Winter			0
2.000	30 Winter	30	0%	1	30/15 Summer			0
2.001	30 Winter	30	0%	1	30/15 Summer			
3.000	30 Winter	30	0%	1	30/15 Summer			0
2.002	30 Winter	30	0%	1	30/15 Summer			0
4.000	15 Summer	30	0%	1				
4.001	15 Summer	30	0%	1				
4.002	15 Summer	30	0%	1				
5.000	15 Summer	30	0%	1	100/240 Winter			
4.003	240 Winter	30	0%	1	100/120 Winter			
1.001	240 Winter	30	0%	1	100/120 Summer			0
1.002	240 Winter	30	0%	1	100/120 Summer			0
6.000	30 Winter	30	0%	1	30/15 Summer			0
6.001	30 Winter	30	0%	1	30/15 Summer			
7.000	30 Winter	30	0%	1	30/15 Summer			
6.002	30 Winter	30	0%	1	30/15 Summer			
8.000	240 Winter	30	0%	1	30/60 Summer			0
1.003	240 Winter	30	0%	1	30/120 Winter		30/15 Summer	36
1.004	120 Winter	30	0%	1				

Lvl Ex.	PN	Water Lvl. (m)	Surcharged Depth (m)	Flooded Vol (m³)	Flow/ Capacity	Overflow (l/s)	Pipe Flow (l/s)	Status
1.000		38.766	-0.105	0.000	0.54	0.0	18.7	0 K
2.000		39.754	0.559	0.000	0.19	0.0	7.1	SURCH'ED
2.001		39.743	0.749	0.000	0.21	0.0	7.2	SURCH'ED
3.000		39.740	0.746	0.000	0.20	0.0	6.8	SURCH'ED
2.002		39.733	0.805	0.000	0.36	0.0	13.3	SURCH'ED
4.000		38.867	-0.152	0.000	0.23	0.0	6.9	0 K
4.001		38.831	-0.147	0.000	0.26	0.0	6.9	0 K
4.002		38.807	-0.152	0.000	0.23	0.0	8.2	0 K
5.000		38.764	-0.141	0.000	0.23	0.0	6.8	0 K
4.003		38.762	-0.105	0.000	0.08	0.0	2.9	0 K
1.001		38.761	-0.028	0.000	0.16	0.0	15.8	0 K
1.002		38.760	0.000	0.000	0.19	0.0	19.7	0 K
6.000		39.141	0.183	0.000	0.24	0.0	8.5	SURCH'ED
6.001		39.129	0.282	0.000	0.22	0.0	7.8	SURCH'ED
7.000		39.119	0.283	0.000	0.05	0.0	1.7	SURCH'ED
6.002		39.116	0.365	0.000	0.31	0.0	8.6	SURCH'ED
8.000		38.758	0.177	0.000	0.09	0.0	4.3	SURCH'ED
1.003		38.758	0.032	0.000	0.05	6.1	3.2	SURCH'ED
1.004		38.262	-0.401	0.000	0.03	0.0	3.1	0 K

Summary Wizard of "CRITICAL BY RETURN PERIOD"(Rank 1 by Max Level)
Results for Design Storms

Margin for Flood Risk warning (mm)	300
DTS Status	ON
DVD Status	ON
Inertia Status	OFF
Analysis Time Step	2.5 second increment (extended)

Profile(s)	Summer and Winter
Duration(s) (mins)	15, 30, 60, 120, 240, 360, 480, 960, 1440
Return Period(s) (years)	30, 100
Climate Change (%)	0, 0

PN	Storm	Return Period	Climate Change	Rank	First X Surchage	First Y Flood	First Z Overflow	O/F Act
1.000	240 Winter	100	0%	1	100/120 Winter			0
2.000	30 Winter	100	0%	1	30/15 Summer			0
2.001	30 Winter	100	0%	1	30/15 Summer			
3.000	30 Winter	100	0%	1	30/15 Summer			0
2.002	30 Winter	100	0%	1	30/15 Summer			0
4.000	240 Winter	100	0%	1				
4.001	240 Winter	100	0%	1				
4.002	240 Winter	100	0%	1				
5.000	240 Winter	100	0%	1	100/240 Winter			
4.003	240 Winter	100	0%	1	100/120 Winter			
1.001	240 Winter	100	0%	1	100/120 Summer			0
1.002	240 Winter	100	0%	1	100/120 Summer			0
6.000	30 Winter	100	0%	1	30/15 Summer			0
6.001	30 Winter	100	0%	1	30/15 Summer			
7.000	30 Winter	100	0%	1	30/15 Summer			
6.002	30 Winter	100	0%	1	30/15 Summer			
8.000	240 Winter	100	0%	1	30/60 Summer			0
1.003	240 Winter	100	0%	1	30/120 Winter		30/15 Summer	36
1.004	120 Winter	100	0%	1				

Lvl Ex.	PN	Water Lvl. (m)	Surcharged Depth (m)	Flooded Vol (m³)	Flow/ Capacity	Overflow (l/s)	Pipe Flow (l/s)	Status
1.000		38.937	0.066	0.000	0.12	0.0	4.3	SURCH'ED
2.000		39.797	0.602	0.000	0.20	0.0	7.5	SURCH'ED
2.001		39.785	0.791	0.000	0.24	0.0	8.0	SURCH'ED
3.000		39.781	0.787	0.000	0.22	0.0	7.4	SURCH'ED
2.002		39.775	0.847	0.000	0.37	0.0	13.6	SURCH'ED
4.000		38.937	-0.082	0.000	0.05	0.0	1.6	0 K
4.001		38.937	-0.041	0.000	0.06	0.0	1.6	0 K
4.002		38.937	-0.022	0.000	0.05	0.0	1.9	0 K
5.000		38.937	0.032	0.000	0.05	0.0	1.6	SURCH'ED
4.003		38.936	0.069	0.000	0.11	0.0	3.8	SURCH'ED
1.001		38.936	0.147	0.000	0.20	0.0	19.8	SURCH'ED
1.002		38.935	0.175	0.000	0.23	0.0	24.3	SURCH'ED
6.000		39.435	0.477	0.000	0.26	0.0	9.4	SURCH'ED
6.001		39.420	0.573	0.000	0.28	0.0	10.1	SURCH'ED
7.000		39.406	0.570	0.000	0.06	0.0	2.2	SURCH'ED
6.002		39.402	0.651	0.000	0.40	0.0	11.2	SURCH'ED
8.000		38.933	0.352	0.000	0.13	0.0	6.2	SURCH'ED
1.003		38.934	0.208	0.000	0.06	7.1	3.7	SURCH'ED
1.004		38.265	-0.398	0.000	0.03	0.0	3.6	0 K

Summary Wizard of "CRITICAL BY RETURN PERIOD"(Rank 1 by Max Level)
Results for Design Storms

Margin for Flood Risk warning (mm)	300
DTS Status	ON
DVD Status	ON
Inertia Status	OFF
Analysis Time Step	2.5 second increment (extended)

Profile(s)	Summer and Winter
Duration(s) (mins)	15, 30, 60, 120, 240, 360, 480, 960, 1440
Return Period(s) (years)	100
Climate Change (%)	30

PN	Storm	Return Period	Climate Change	Rank	First X Surcharge	First Y Flood	First Z Overflow	O/F Act
1.000	360 Winter	100	30%	1	100/15 Summer			0
2.000	30 Winter	100	30%	1	100/15 Summer			0
2.001	30 Winter	100	30%	1	100/15 Summer			
3.000	30 Winter	100	30%	1	100/15 Summer			0
2.002	30 Winter	100	30%	1	100/15 Summer			0
4.000	360 Winter	100	30%	1	100/240 Summer			
4.001	360 Winter	100	30%	1	100/120 Summer			
4.002	360 Winter	100	30%	1	100/120 Summer			
5.000	360 Winter	100	30%	1	100/120 Summer			
4.003	360 Winter	100	30%	1	100/60 Summer			
1.001	360 Winter	100	30%	1	100/60 Summer			0
1.002	360 Winter	100	30%	1	100/30 Summer			0
6.000	30 Winter	100	30%	1	100/15 Summer			0
6.001	30 Winter	100	30%	1	100/15 Summer			
7.000	30 Winter	100	30%	1	100/15 Summer			
6.002	30 Winter	100	30%	1	100/15 Summer			
8.000	360 Winter	100	30%	1	100/15 Summer			0
1.003	360 Winter	100	30%	1	100/30 Summer		100/15 Summer	18
1.004	240 Winter	100	30%	1				

Lvl Ex.	PN	Water Lvl. (m)	Surcharged Depth (m)	Flooded Vol (m³)	Flow/ Capacity	Overflow (l/s)	Pipe Flow (l/s)	Status
	1.000	39.209	0.338	0.000	0.12	0.0	4.1	SURCH'ED
	2.000	39.841	0.646	0.000	0.20	0.0	7.6	SURCH'ED
	2.001	39.827	0.833	0.000	0.28	0.0	9.5	SURCH'ED
	3.000	39.822	0.828	0.000	0.22	0.0	7.5	SURCH'ED
	2.002	39.815	0.887	0.000	0.37	0.0	13.6	SURCH'ED
	4.000	39.210	0.191	0.000	0.05	0.0	1.5	SURCH'ED
	4.001	39.210	0.232	0.000	0.06	0.0	1.5	SURCH'ED
	4.002	39.210	0.251	0.000	0.05	0.0	1.8	SURCH'ED
	5.000	39.209	0.304	0.000	0.05	0.0	1.5	SURCH'ED
	4.003	39.213	0.346	0.000	0.10	0.0	3.6	SURCH'ED
	1.001	39.214	0.425	0.000	0.19	0.0	19.6	SURCH'ED
	1.002	39.214	0.454	0.000	0.23	0.0	24.1	SURCH'ED
	6.000	39.739	0.781	0.000	0.32	0.0	11.6	SURCH'ED
	6.001	39.725	0.878	0.000	0.36	0.0	13.0	SURCH'ED
	7.000	39.712	0.876	0.000	0.10	0.0	3.4	SURCH'ED
	6.002	39.706	0.955	0.000	0.48	0.0	13.3	SURCH'ED
	8.000	39.206	0.625	0.000	0.14	0.0	6.3	SURCH'ED
	1.003	39.215	0.489	0.000	0.07	4.6	4.4	SURCH'ED
	1.004	38.269	-0.394	0.000	0.04	0.0	4.4	0 K