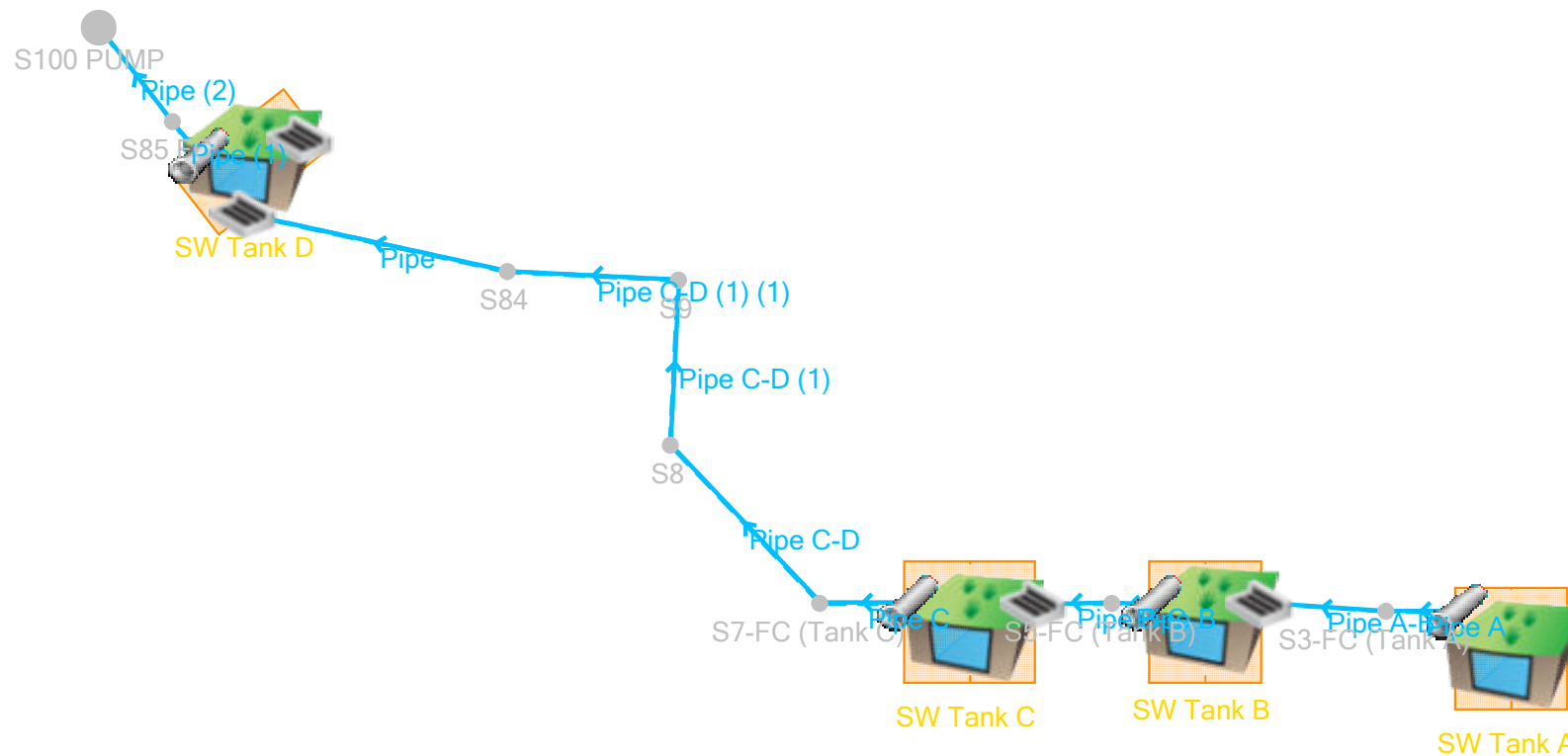




I DRN	
	Date: 24/04/2026 00:00:00
	Designed by:
	Checked by:
	File: 15084_SW Attenuation Little Winton REV B.iddx
	Plot Scale: 1:400
	InfoDrainage 2025.5.2
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Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Inflows Storm Phase: Little Winton				



Catchment Area A

Type : Catchment Area

Area (ha)	0.065
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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



Catchment Area B

Type : Catchment Area

Area (ha)	0.03
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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



Catchment Area C

Type : Catchment Area

Area (ha)	0.018
-----------	-------

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



Catchment Area D1

Type : Catchment Area

Area (ha)	0.026
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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

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Inflows Storm Phase: Little Winton				



Catchment Area D2

Type : Catchment Area

Area (ha)	0.011
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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

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Junctions				
Storm Phase: Little Winton				

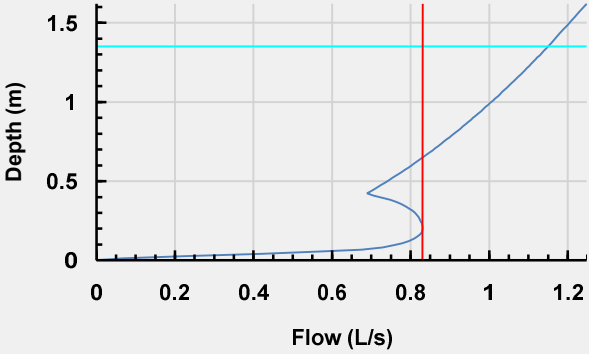
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
S3-FC (Tank A)	Manhole	531689.936	118341.700	59.800	2.325	57.475	Circular	1.200
S5-FC (Tank B)	Manhole	531675.276	118342.123	58.100	2.350	55.750	Circular	1.200
S7-FC (Tank C)	Manhole	531659.647	118342.123	56.000	2.050	53.950	Circular	1.200
S8	Manhole	531651.644	118350.592	55.475	2.025	53.450	Circular	1.200
S9	Manhole	531652.087	118359.429	55.450	3.100	52.350	Circular	1.200
S84	Manhole	531642.931	118359.887	52.500	1.500	51.000	Circular	0.450
S85 FC	Manhole	531625.009	118367.911	51.600	2.525	49.075	Circular	1.200
S100 PUMP	Manhole	531621.071	118372.951	51.500	3.450	48.050	Circular	1.800

Name	Lock
S3-FC (Tank A)	None
S5-FC (Tank B)	None
S7-FC (Tank C)	None
S8	None
S9	None
S84	None
S85 FC	None
S100 PUMP	None

Inlets

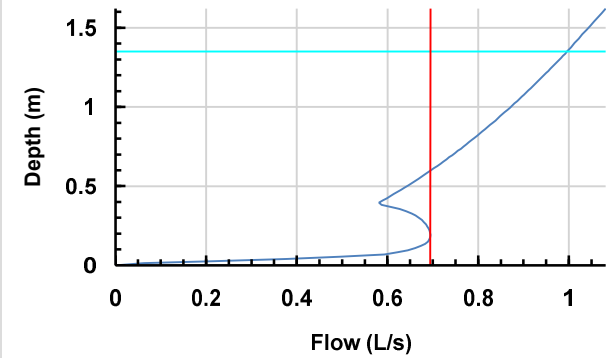
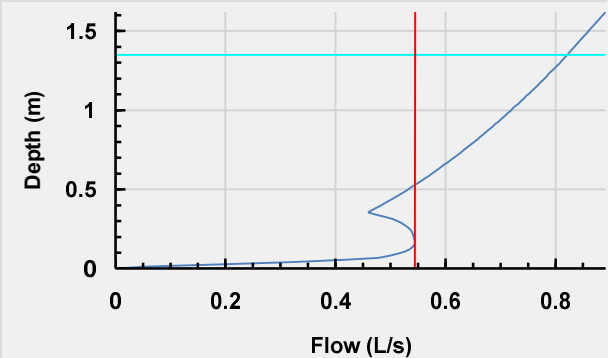
Junction	Inlet Name	Incoming Item(s)	Bypass Destination	Capacity Type
S3-FC (Tank A)	Inlet	Pipe A	(None)	No Restriction
	Inlet (1)	Catchment Area A	(None)	No Restriction
S5-FC (Tank B)	Inlet	Pipe B	(None)	No Restriction
	Inlet (1)	Catchment Area B	(None)	No Restriction
S7-FC (Tank C)	Inlet	Pipe C	(None)	No Restriction
	Inlet (1)	Catchment Area C	(None)	No Restriction
S8	Inlet	Pipe C-D	(None)	No Restriction
S9	Inlet	Pipe C-D (1)	(None)	No Restriction
S84	Inlet	Pipe C-D (1) (1)	(None)	No Restriction
S85 FC	Inlet	Pipe (1)	(None)	No Restriction
S100 PUMP	Inlet	Pipe (2)	(None)	No Restriction

Outlets

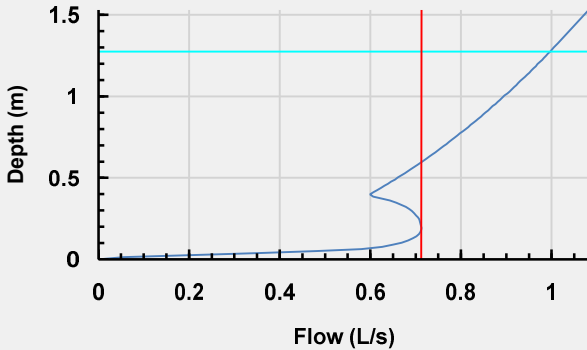
Junction	Outlet Name	Outgoing Connection	Outlet Type
S3-FC (Tank A)	Outlet	Pipe A-B	Hydro-Brake®
	Invert Level (m)	57.475	
	Design Depth (m)	1.350	
	Design Flow (L/s)	1.15	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☒	
	Unit Reference	SHE-0047-1150-1350-1150	
			
	Outlet	Pipe B-C	Hydro-Brake®

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Storm Phase: Little Winton	Company Address:		



S5-FC (Tank B)	Junction	Outlet Name	Outgoing Connection	Outlet Type
		Invert Level (m)	55.750	
		Design Depth (m)	1.350	
		Design Flow (L/s)	1.0	
		Objective	Minimise Upstream Storage Requirements	
		Application	Surface Water Only	
		Sump Available	☒	
		Unit Reference	SHE-0043-1000-1350-1000	
				
S7-FC (Tank C)	Outlet	Pipe C-D	Hydro-Brake®	
		Invert Level (m)	53.950	
		Design Depth (m)	1.350	
		Design Flow (L/s)	0.825	
		Objective	Minimise Upstream Storage Requirements	
		Application	Surface Water Only	
		Sump Available	☒	
		Unit Reference	SHE-0039-8250-1350-8250	
				
S8	Outlet	Pipe C-D (1)	Free Discharge	
S9	Outlet	Pipe C-D (1) (1)	Free Discharge	
S84	Outlet	Pipe	Free Discharge	
	Outlet	Pipe (2)	Hydro-Brake®	

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Junctions Storm Phase: Little Winton				

S85 FC	Junction	Outlet Name	Outgoing Connection	Outlet Type
	Invert Level (m)		49.075	
	Design Depth (m)		1.275	
	Design Flow (L/s)		1.0	
	Objective		Minimise Upstream Storage Requirements	
	Application		Surface Water Only	
	Sump Available		☒	
	Unit Reference		SHE-0044-1000-1275-1000	
				
S100 PUMP	Outlet	(None)		Pump
	Invert Level (m)		48.050	
	Depth (m)		Outflow (L/s)	
	0.100		1.0	
	3.400		1.0	

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Stormwater Controls Storm Phase: Little Winton				



SW Tank A

Type : Tank

Dimensions

Exceedance Level (m)	59.900
Depth (m)	2.275
Base Level (m)	57.625
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-2.919
Total Volume (m³)	45.546

Depth (m)	Area (m²)	Volume (m³)
0.000	39.000	25.000
1.200	39.000	25.000
1.201	0.001	44.472

Inlets

Outlets

Outlet

Outgoing Connection	Pipe A
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	6.500

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Stormwater Controls Storm Phase: Little Winton				



SW Tank B

Type : Tank

Dimensions

Exceedance Level (m)	57.500
Depth (m)	1.600
Base Level (m)	55.900
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-2.919
Total Volume (m³)	44.871

Depth (m)	Area (m²)	Volume (m³)
0.000	39.000	0.000
1.200	39.000	44.460
1.201	0.001	44.472

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Pipe A-B
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	Pipe B
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	6.500

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Little Winton	Company Address:		





SW Tank C

Type : Tank

Dimensions

Exceedance Level (m)	56.000
Depth (m)	1.900
Base Level (m)	54.100
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-3.154
Total Volume (m³)	52.583

Depth (m)	Area (m²)	Volume (m³)
0.000	45.500	0.000
1.200	45.500	51.870
1.201	0.001	51.884

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	Pipe B-C
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	Pipe C
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	6.500

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Stormwater Controls Storm Phase: Little Winton				



SW Tank D

Type : Tank

Dimensions

Exceedance Level (m)	51.350
Depth (m)	2.200
Base Level (m)	49.150
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	-2.558
Total Volume (m³)	35.209

Depth (m)	Area (m²)	Volume (m³)
0.000	30.000	0.000
1.200	30.000	34.200
1.201	0.001	34.210

Inlets

Inlet (1)

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

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area D1
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (3)

Inlet Type	Point Inflow
Incoming Item(s)	Catchment Area D2
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	Pipe (1)
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	4.000

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Little Winton		Company Address:	



Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area A	S3-FC (Tank A)		Time of Concentration	0.065	100	0	100	0.065
Catchment Area B	S5-FC (Tank B)		Time of Concentration	0.030	100	0	100	0.030
Catchment Area C	S7-FC (Tank C)		Time of Concentration	0.018	100	0	100	0.018
Catchment Area D1	SW Tank D		Time of Concentration	0.026	100	0	100	0.026
Catchment Area D2	SW Tank D		Time of Concentration	0.011	100	0	100	0.011
TOTAL		0.0		0.150				0.150

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Outfall Details Storm Phase: Little Winton				

Outfalls

Outfall	Outfall Type	Gated	Fixed Surcharged Level (m)	Level Curve
S100 PUMP	Free Discharge			

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Little Winton	Company Address:		





FEH: 2 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
S3-FC (Tank A)	FEH: 2 years: +0 %: 240 mins: Summer	59.80 0	57.47 5	57.849	0.374	4.6	0.423	0.000	0.8	26.075	Surcharged
S5-FC (Tank B)	FEH: 2 years: +0 %: 600 mins: Winter	58.10 0	55.75 0	56.262	0.512	0.8	0.579	0.000	0.7	34.421	Surcharged
S7-FC (Tank C)	FEH: 2 years: +0 %: 1440 mins: Winter	56.00 0	53.95 0	54.444	0.494	0.6	0.558	0.000	0.5	51.240	Surcharged
S8	FEH: 2 years: +0 %: 5760 mins: Summer	55.47 5	53.45 0	53.460	0.010	0.5	0.011	0.000	0.5	82.294	OK
S9	FEH: 2 years: +0 %: 30 mins: Winter	55.45 0	52.35 0	52.360	0.010	0.5	0.011	0.000	0.5	1.706	OK
S84	FEH: 2 years: +0 %: 2160 mins: Winter	52.50 0	51.00 0	51.010	0.010	0.5	0.002	0.000	0.5	57.345	OK
S85 FC	FEH: 2 years: +0 %: 480 mins: Winter	51.60 0	49.07 5	49.453	0.378	0.7	0.427	0.000	0.7	37.117	Surcharged
S100 PUMP	FEH: 2 years: +0 %: 60 mins: Summer	51.50 0	48.05 0	48.121	0.071	0.7	0.181	0.000	0.7	4.274	OK

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Little Winton	Company Address:		





FEH: 30 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
S3-FC (Tank A)	FEH: 30 years: +0 %: 180 mins: Winter	59.800	57.475	58.193	0.718	7.0	0.812	0.000	0.9	38.070	Surcharged
S5-FC (Tank B)	FEH: 30 years: +0 %: 1440 mins: Winter	58.100	55.750	56.525	0.775	0.8	0.876	0.000	0.8	73.022	Surcharged
S7-FC (Tank C)	FEH: 30 years: +0 %: 2880 mins: Summer	56.000	53.950	54.676	0.726	0.6	0.822	0.000	0.6	103.057	Surcharged
S8	FEH: 30 years: +0 %: 2880 mins: Summer	55.475	53.450	53.461	0.011	0.6	0.012	0.000	0.6	103.055	OK
S9	FEH: 30 years: +0 %: 2880 mins: Summer	55.450	52.350	52.360	0.010	0.6	0.012	0.000	0.6	103.055	OK
S84	FEH: 30 years: +0 %: 720 mins: Winter	52.500	51.000	51.010	0.010	0.6	0.002	0.000	0.6	46.160	OK
S85 FC	FEH: 30 years: +0 %: 600 mins: Winter	51.600	49.075	49.737	0.662	0.8	0.749	0.000	0.7	48.202	Surcharged
S100 PUMP	FEH: 30 years: +0 %: 600 mins: Winter	51.500	48.050	48.124	0.074	0.7	0.188	0.000	0.7	48.005	OK

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Little Winton	Company Address:		





FEH: 30 years: Increase Rainfall (%): +40: 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
S3-FC (Tank A)	FEH: 30 years: +40 %: 240 mins: Winter	59.800	57.475	58.500	1.025	8.0	1.160	0.000	1.0	58.058	Surcharged
S5-FC (Tank B)	FEH: 30 years: +40 %: 960 mins: Winter	58.100	55.750	56.732	0.982	1.3	1.110	0.000	0.9	90.446	Surcharged
S7-FC (Tank C)	FEH: 30 years: +40 %: 2880 mins: Winter	56.000	53.950	54.951	1.001	0.7	1.132	0.000	0.7	144.356	Surcharged
S8	FEH: 30 years: +40 %: 2880 mins: Winter	55.475	53.450	53.461	0.011	0.7	0.013	0.000	0.7	144.355	OK
S9	FEH: 30 years: +40 %: 2880 mins: Winter	55.450	52.350	52.361	0.011	0.7	0.012	0.000	0.7	144.354	OK
S84	FEH: 30 years: +40 %: 2880 mins: Winter	52.500	51.000	51.011	0.011	0.7	0.002	0.000	0.7	144.353	OK
S85 FC	FEH: 30 years: +40 %: 720 mins: Winter	51.600	49.075	50.009	0.934	0.9	1.056	0.000	0.9	65.424	Surcharged
S100 PUMP	FEH: 30 years: +40 %: 720 mins: Winter	51.500	48.050	48.137	0.087	0.9	0.220	0.000	0.9	65.198	OK

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Little Winton	Company Address:		





FEH: 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
S3-FC (Tank A)	FEH: 100 years: +0 %: 240 mins: Winter	59.800	57.475	58.371	0.896	7.1	1.013	0.000	0.9	51.985	Surcharged
S5-FC (Tank B)	FEH: 100 years: +0 %: 2880 mins: Winter	58.100	55.750	56.677	0.927	0.8	1.049	0.000	0.8	111.407	Surcharged
S7-FC (Tank C)	FEH: 100 years: +0 %: 2880 mins: Winter	56.000	53.950	54.863	0.913	0.7	1.033	0.000	0.7	132.421	Surcharged
S8	FEH: 100 years: +0 %: 2880 mins: Winter	55.475	53.450	53.461	0.011	0.7	0.013	0.000	0.7	132.419	OK
S9	FEH: 100 years: +0 %: 2880 mins: Winter	55.450	52.350	52.361	0.011	0.7	0.012	0.000	0.7	132.418	OK
S84	FEH: 100 years: +0 %: 2880 mins: Winter	52.500	51.000	51.010	0.010	0.7	0.002	0.000	0.7	132.418	OK
S85 FC	FEH: 100 years: +0 %: 960 mins: Winter	51.600	49.075	49.914	0.839	0.8	0.949	0.000	0.8	83.685	Surcharged
S100 PUMP	FEH: 100 years: +0 %: 960 mins: Winter	51.500	48.050	48.132	0.082	0.8	0.209	0.000	0.8	83.470	OK

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Junctions Summary Storm Phase: Little Winton	Company Address:		



FEH: 100 years: Increase Rainfall (%): +45: 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
S3-FC (Tank A)	FEH: 100 years: +45 %: 240 mins: Winter	59.800	57.475	58.812	1.337	10.2	1.512	0.000	1.1	72.403	Surcharged
S5-FC (Tank B)	FEH: 100 years: +45 %: 1440 mins: Winter	58.100	55.750	57.073	1.323	1.3	1.496	0.000	1.0	141.554	Surcharged
S7-FC (Tank C)	FEH: 100 years: +45 %: 2880 mins: Winter	56.000	53.950	55.280	1.330	0.8	1.505	0.000	0.8	192.081	Surcharged
S8	FEH: 100 years: +45 %: 2880 mins: Winter	55.475	53.450	53.462	0.012	0.8	0.014	0.000	0.8	192.080	OK
S9	FEH: 100 years: +45 %: 2880 mins: Summer	55.450	52.350	52.362	0.012	0.8	0.013	0.000	0.8	192.156	OK
S84	FEH: 100 years: +45 %: 2880 mins: Winter	52.500	51.000	51.011	0.011	0.8	0.002	0.000	0.8	192.078	OK
S85 FC	FEH: 100 years: +45 %: 1440 mins: Winter	51.600	49.075	50.324	1.249	1.0	1.413	0.000	1.0	145.439	Surcharged
S100 PUMP	FEH: 100 years: +45 %: 1440 mins: Winter	51.500	48.050	48.148	0.098	1.0	0.249	0.000	1.0	145.190	OK

Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton		Company Address:	





FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
SW Tank A	FEH: 2 years: +0 %: 240 mins: Summer	57.849	57.849	0.224	0.224	3.7	8.284	0.000	0.000	0.8	8.222		81.812
SW Tank B	FEH: 2 years: +0 %: 600 mins: Winter	56.262	56.262	0.362	0.362	0.9	13.427	0.000	0.000	0.7	23.575		70.076
SW Tank C	FEH: 2 years: +0 %: 1440 mins: Winter	54.444	54.444	0.344	0.344	0.7	14.858	0.000	0.000	0.5	43.081		71.745
SW Tank D	FEH: 2 years: +0 %: 480 mins: Winter	49.453	49.453	0.303	0.303	1.6	8.632	0.000	0.000	0.7	37.326		75.484

Project:	Date: 24/04/2026			
	Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details:	Company Address:			
Type: Stormwater Controls Summary Storm Phase: Little Winton				

Status
OK
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Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton		Company Address:	





FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
SW Tank A	FEH: 30 years: +0 %: 180 mins: Winter	58.193	58.193	0.568	0.568	6.1	21.030	0.000	0.000	0.8	8.354		53.828
SW Tank B	FEH: 30 years: +0 %: 1440 mins: Winter	56.525	56.525	0.625	0.625	0.9	23.142	0.000	0.000	0.7	50.011	40	48.426
SW Tank C	FEH: 30 years: +0 %: 2880 mins: Summer	54.676	54.676	0.576	0.576	0.8	24.917	0.000	0.000	0.6	86.648		52.614
SW Tank D	FEH: 30 years: +0 %: 600 mins: Winter	49.737	49.737	0.587	0.587	2.1	16.732	0.000	0.000	0.8	48.812		52.479

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Status
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Project:		Date: 24/04/2026			
		Designed by: i.utiaganov	Checked by:	Approved By:	
Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton		Company Address:			



**FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max.
Avg. Depth**

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
SW Tank A	FEH: 30 years: +40 %: 240 mins: Winter	58.500	58.500	0.875	0.875	7.0	32.427	0.000	0.000	1.0	13.031	180	28.803
SW Tank B	FEH: 30 years: +40 %: 960 mins: Winter	56.732	56.732	0.832	0.832	1.3	30.816	0.000	0.000	0.9	61.459	575	31.323
SW Tank C	FEH: 30 years: +40 %: 2880 mins: Winter	54.951	54.951	0.851	0.851	0.9	36.802	0.000	0.000	0.7	121.251	675	30.012
SW Tank D	FEH: 30 years: +40 %: 720 mins: Winter	50.009	50.009	0.859	0.859	2.5	24.478	0.000	0.000	0.9	66.259		30.477

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Status
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Project:	Date: 24/04/2026		
	Designed by: i.utiaganov	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton	Company Address:		





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

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
SW Tank A	FEH: 100 years: +0 %: 240 mins: Winter	58.371	58.371	0.746	0.746	6.1	27.641	0.000	0.000	0.9	12.199	95	39.313
SW Tank B	FEH: 100 years: +0 %: 2880 mins: Winter	56.677	56.677	0.777	0.777	0.8	28.804	0.000	0.000	0.7	76.265	260	35.808
SW Tank C	FEH: 100 years: +0 %: 2880 mins: Winter	54.863	54.863	0.763	0.763	0.8	32.997	0.000	0.000	0.7	111.380	555	37.249
SW Tank D	FEH: 100 years: +0 %: 960 mins: Winter	49.914	49.914	0.764	0.764	1.9	21.778	0.000	0.000	0.8	84.419	510	38.147

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Status
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Project:	Date: 24/04/2026		
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Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton	Company Address:		





FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By:
Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Residual Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
SW Tank A	FEH: 100 years: +45 %: 240 mins: Winter	58.812	58.812	1.187	1.187	9.1	43.970	0.000	0.000	1.1	14.821		3.461
SW Tank B	FEH: 100 years: +45 %: 1440 mins: Winter	57.073	57.073	1.173	1.173	1.3	43.457	0.000	0.000	1.0	98.894	850	3.152
SW Tank C	FEH: 100 years: +45 %: 2880 mins: Winter	55.281	55.281	1.181	1.181	1.0	51.030	0.000	0.000	0.8	161.434	1150	2.955
SW Tank D	FEH: 100 years: +45 %: 1440 mins: Winter	50.324	50.324	1.174	1.174	2.1	33.464	0.000	0.000	1.0	146.482		4.955

Project:	Date: 24/04/2026			
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	i.utiaganov			
Report Details: Type: Stormwater Controls Summary Storm Phase: Little Winton		Company Address:		

Status
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