

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Manhole Schedule Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			

Name	Cover Level (m) Invert Level (m)		Connection Details				Type
Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S6	35.381 29.476	Diameter / Length: 2.100					Manhole
E:342462.974 N:397742.280	5.905						
			{a} 2.000	Pipe	29.476	Diam/Width:900	Not Applicable
S5	34.066 29.391	Diameter / Length: 2.100	{1} 2.000	Pipe	29.391	Diam/Width:900	Manhole
E:342495.175 N:397731.502	4.675		{2} 1.003	Pipe	29.391	Diam/Width:900	
			{a} 1.004	Pipe	29.391	Diam/Width:900	Not Applicable
S7	32.856 29.284	Diameter / Length: 2.100	{1} 1.004	Pipe	29.284	Diam/Width:900	Manhole
E:342481.670 N:397690.911	3.572		{2} 3.001	Pipe	29.284	Diam/Width:900	
			{a} 1.005	Pipe	29.284	Diam/Width:900	Not Applicable
S9	32.828 29.162	Diameter / Length: 2.100	{1} 1.005	Pipe	29.162	Diam/Width:900	Manhole
E:342466.255 N:397644.578	3.666		{2} 4.001	Pipe	29.162	Diam/Width:900	
			{a} 1.006	Pipe	29.162	Diam/Width:900	Not Applicable

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Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S11	32.827 28.998	Diameter / Length: 2.100	{1} 1.006	Pipe	28.998	Diam/Width:900	Manhole
E:342445.526 N:397582.272	3.829		{2} 5.000	Pipe	28.998	Diam/Width:900	
			{a} 1.007	Pipe	28.998	Diam/Width:900	Not Applicable
S13	32.821 28.796	Diameter / Length: 2.100	{1} 1.007	Pipe	28.796	Diam/Width:900	Manhole
E:342420.068 N:397505.754	4.025		{2} 6.001	Pipe	28.796	Diam/Width:900	
			{a} 1.008	Pipe	28.796	Diam/Width:900	Not Applicable
S16	32.223 28.527	Diameter / Length: 2.400	{1} 1.008	Pipe	28.527	Diam/Width:900	Manhole
E:342405.040 N:397460.585	3.696		{2} 8.006	Pipe	28.527	Diam/Width:1050	
			{3} 9.000	Pipe	28.527	Diam/Width:600	
			{a} 1.009	Pipe	28.527	Diam/Width:300	Not Applicable
S24	29.200 27.700	Diameter / Length: 2.400	{1} 1.009	Pipe	27.700	Diam/Width:300	Manhole
E:342350.916 N:397478.652	1.500		{a} 1.010	Pipe	27.700	Diam/Width:300	Not Applicable

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Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S25	29.000 27.500	Diameter / Length: 1.800	{1} 1.010	Pipe	27.500	Diam/Width:300	Manhole
E:342329.996 N:397468.123	1.500						Not Applicable
S1	32.781 29.849	Diameter / Length: 2.100					Manhole
E:342667.519 N:397670.442	2.932		{a} 1.000	Pipe	29.849	Diam/Width:900	Not Applicable
S2	32.733 29.648	Diameter / Length: 2.100	{1} 1.000	Pipe	29.648	Diam/Width:900	Manhole
E:342591.475 N:397696.295	3.085		{a} 1.001	Pipe	29.648	Diam/Width:900	Not Applicable
S3	33.030 29.447	Diameter / Length: 2.100	{1} 1.001	Pipe	29.447	Diam/Width:900	Manhole
E:342515.432 N:397722.149	3.583		{a} 1.002	Pipe	29.447	Diam/Width:900	Not Applicable
S4	33.330 29.432	Diameter / Length: 2.100	{1} 1.002	Pipe	29.432	Diam/Width:900	Manhole
E:342510.840 N:397726.290	3.898		{a} 1.003	Pipe	29.432	Diam/Width:900	Not Applicable

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Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S8	33.191 29.345	Diameter / Length: 2.100	{1} 3.000	Pipe	29.345	Diam/Width:450	Manhole
E:342458.404 N:397698.652	3.846		{a} 3.001	Pipe	29.345	Diam/Width:900	Not Applicable
S10	33.167 29.227	Diameter / Length: 2.100	{1} 4.000	Pipe	29.227	Diam/Width:450	Manhole
E:342441.742 N:397652.734	3.940		{a} 4.001	Pipe	29.227	Diam/Width:900	Not Applicable
S12	33.122 29.071	Diameter / Length: 2.100					Manhole
E:342417.862 N:397591.475	4.051		{a} 5.000	Pipe	29.071	Diam/Width:900	Not Applicable
S15	32.494 28.835	Diameter / Length: 2.100	{1} 6.000	Pipe	28.835	Diam/Width:900	Manhole
E:342405.329 N:397510.657	3.659		{2} 7.000	Pipe	28.835	Diam/Width:450	
			{a} 6.001	Pipe	28.835	Diam/Width:900	Not Applicable
S18	32.590 29.785	Diameter / Length: 2.100	{1} 8.000	Pipe	29.785	Diam/Width:900	Manhole
E:342664.232 N:397639.814	2.805		{a} 8.001	Pipe	29.785	Diam/Width:900	Not Applicable

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Coordinates (m)	Depth (m)	Manhole Size (m)	Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S20	32.550 29.316	Diameter / Length: 2.100	{1} 8.002	Pipe	29.466	Diam/Width:900	Manhole
E:342623.392 N:397519.026	3.234		{a} 8.003	Pipe	29.316	Diam/Width:1050	Not Applicable
S22	32.903 28.997	Diameter / Length: 2.100	{1} 8.004	Pipe	28.997	Diam/Width:1050	Manhole
E:342582.552 N:397398.239	3.906		{a} 8.005	Pipe	28.997	Diam/Width:1050	Not Applicable
S23	32.706 28.673	Diameter / Length: 2.100	{1} 8.005	Pipe	28.673	Diam/Width:1050	Manhole
E:342459.287 N:397438.579	4.033		{a} 8.006	Pipe	28.673	Diam/Width:1050	Not Applicable
S14	32.910 28.963	Diameter / Length: 2.100					Manhole
E:342421.221 N:397559.230	3.947		{a} 6.000	Pipe	28.963	Diam/Width:900	Not Applicable
S21	32.521 29.156	Diameter / Length: 2.100	{1} 8.003	Pipe	29.156	Diam/Width:1050	Manhole
E:342603.005 N:397458.730	3.365		{a} 8.004	Pipe	29.156	Diam/Width:1050	Not Applicable

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Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
S19	32.549 29.605	Diameter / Length: 2.100	{1} 8.001	Pipe	29.605	Diam/Width:900	Manhole
E:342643.916 N:397579.729	2.944		{a} 8.002	Pipe	29.605	Diam/Width:900	Not Applicable
S17	32.771 29.836	Diameter / Length: 2.100					Manhole
E:342683.755 N:397633.381	2.935		{a} 8.000	Pipe	29.836	Diam/Width:900	Not Applicable

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Network Design Criteria Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

FSR

Type: FSR

Return Period (years)	100.0
Region	England And Wales
M5-60 (mm)	19.5
Ratio R	0.387

Pipe Options

Lock Slope Options	None
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	☐

Pipe Size Library

Default

Add. Increment (mm)	75
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Diameter (mm)	Min. Slope (1:X)	Max. Slope (1:X)
100	0.00	0.00
150	0.00	0.00

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Company Address: EQT Exeter				

Manhole Options

Apply Offset

An error has occurred while processing TextBox
'txtSynchroniseManholeInvertLevelsHeader':
The expression contains object 'SynchroniseManholeInvertLevelsTitle' that is
not defined in the current context.



Manhole Size Library

Default

Diameter / Width

Connection (mm)	Diameter / Length (m)	Width (m)
0	1.200	0.000
375	1.350	0.000
500	1.500	0.000
750	1.800	0.000

Additional Sizing

Connection (mm)	900
Diameter / Length (m)	0.900
Width (m)	0.000

Depth

Depth (m)	Diameter / Length (m)	Width (m)
0.000	1.050	0.000
1.500	1.200	0.000

Access

Depth (m)	Ladder Protrusion (mm)
0.000	130
3.000	230

Benching Requirements

Landing Width (mm)	500
Benching Width (mm)	225

Project: Deacon Business Park Moorgate Road Knowsley	Date: 07/12/2022			
Report Details: Type: Outfall Details Storm Phase: Phase	Designed by: luke.roberts	Checked by:	Approved By:	
Company Address: EQT Exeter				

Outfalls

Outfall	Outfall Type	Fixed Surcharged Level (m)	Level Curve
S25	Free Discharge		

Project: Deacon Business Park Moorgate Road Knowsley	Date: 07/12/2022					
Report Title: Rainfall Analysis Criteria	Designed by: luke.roberts <table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Checked by:</td> <td>Approved By:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		Checked by:	Approved By:		
Checked by:	Approved By:					
	Company Address: EQT Exeter					

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)	300
Perform No Discharge Analysis	☐

Rainfall	
FSR	Type: FSR
Region	England And Wales
M5-60 (mm)	19.5
Ratio R	0.387
Summer	☒
Winter	☒

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	0.000
100.0	40.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
240	480
360	720
480	960
960	1920
1440	2880

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		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 15 mins: Summer

Junction	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
S6	35.381	29.476	29.619	0.143	5.3	0.497	0.000	9.8	4.238	OK
S5	34.066	29.391	29.623	0.232	43.9	0.803	0.000	46.1	33.878	OK
S7	32.856	29.284	29.616	0.332	97.1	1.151	0.000	67.7	51.066	OK
S9	32.828	29.162	29.610	0.448	175.6	1.550	0.000	145.8	110.482	OK
S11	32.827	28.998	29.599	0.601	279.3	2.081	0.000	223.0	135.567	OK
S13	32.821	28.796	29.599	0.803	361.9	2.783	0.000	79.0	201.122	OK
S16	32.223	28.527	29.602	1.076	203.9	4.868	0.000	64.9	125.045	Surcharged
S24	29.200	27.700	27.887	0.187	69.2	0.847	0.000	63.0	64.482	OK
S25	29.000	27.500	27.669	0.169	63.0	0.000	0.000	63.4	64.482	OK
S1	32.781	29.849	29.950	0.101	28.4	0.348	0.000	24.4	12.376	OK
S2	32.733	29.648	29.729	0.081	24.4	0.280	0.000	16.7	12.202	OK
S3	33.030	29.447	29.631	0.184	16.7	0.639	0.000	17.0	13.477	OK
S4	33.330	29.432	29.629	0.197	17.0	0.682	0.000	21.7	16.426	OK
S8	33.191	29.345	29.619	0.274	26.7	0.949	0.000	24.2	11.983	OK
S10	33.167	29.227	29.611	0.384	36.4	1.331	0.000	29.3	14.318	OK
S12	33.122	29.071	29.599	0.528	27.2	1.830	0.000	19.2	8.166	OK
S15	32.494	28.835	29.596	0.761	173.2	2.637	0.000	0.0	147.394	OK
S18	32.590	29.785	29.967	0.182	98.8	0.629	0.000	86.1	44.080	OK
S20	32.550	29.316	29.657	0.341	330.3	1.180	0.000	292.3	154.049	OK
S22	32.903	28.997	29.608	0.611	338.9	2.117	0.000	207.6	144.689	OK
S23	32.706	28.673	29.610	0.937	337.2	3.245	0.000	126.4	134.412	OK
S14	32.910	28.963	29.586	0.623	72.9	2.159	0.000	6.8	6.628	OK
S21	32.521	29.156	29.616	0.460	292.3	1.592	0.000	249.6	141.445	OK
S19	32.549	29.605	29.774	0.169	86.1	0.585	0.000	69.1	42.184	OK
S17	32.771	29.836	29.966	0.130	3.0	0.451	0.000	3.1	1.161	OK

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		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 15 mins: Winter

Junction	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
S6	35.381	29.476	29.686	0.210	27.1	0.726	0.000	5.0	5.276	OK
S5	34.066	29.391	29.677	0.286	91.6	0.991	0.000	48.0	41.957	OK
S7	32.856	29.284	29.671	0.387	126.9	1.340	0.000	80.8	62.793	OK
S9	32.828	29.162	29.663	0.501	187.7	1.735	0.000	160.2	128.226	OK
S11	32.827	28.998	29.657	0.659	293.9	2.283	0.000	193.5	153.593	OK
S13	32.821	28.796	29.649	0.853	339.8	2.956	0.000	69.1	231.329	OK
S16	32.223	28.527	29.654	1.128	198.2	5.103	0.000	61.7	141.945	Surcharged
S24	29.200	27.700	27.894	0.194	68.7	0.878	0.000	67.3	67.108	OK
S25	29.000	27.500	27.676	0.176	67.3	0.000	0.000	67.4	67.108	OK
S1	32.781	29.849	29.953	0.104	29.9	0.359	0.000	26.1	13.857	OK
S2	32.733	29.648	29.734	0.086	26.1	0.297	0.000	18.4	13.693	OK
S3	33.030	29.447	29.680	0.233	36.1	0.808	0.000	24.8	15.793	OK
S4	33.330	29.432	29.679	0.247	28.3	0.855	0.000	30.1	20.344	OK
S8	33.191	29.345	29.670	0.325	28.1	1.127	0.000	22.0	12.815	OK
S10	33.167	29.227	29.666	0.439	38.4	1.520	0.000	31.3	15.783	OK
S12	33.122	29.071	29.660	0.589	28.6	2.041	0.000	13.9	8.861	OK
S15	32.494	28.835	29.648	0.813	208.3	2.818	0.000	0.0	171.849	OK
S18	32.590	29.785	29.972	0.187	104.1	0.649	0.000	91.8	49.261	OK
S20	32.550	29.316	29.681	0.365	350.8	1.264	0.000	314.4	171.641	OK
S22	32.903	28.997	29.675	0.678	366.2	2.348	0.000	210.5	160.182	OK
S23	32.706	28.673	29.658	0.985	346.9	3.411	0.000	170.8	152.595	OK
S14	32.910	28.963	29.655	0.692	90.8	2.398	0.000	11.2	6.626	OK
S21	32.521	29.156	29.675	0.519	314.4	1.798	0.000	272.2	156.461	OK
S19	32.549	29.605	29.781	0.176	91.8	0.611	0.000	75.8	46.661	OK
S17	32.771	29.836	29.972	0.136	2.8	0.472	0.000	2.9	1.211	OK

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FSR: 2 years: Increase Rainfall (%): +0: 30 mins: Summer

Junction	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
S6	35.381	29.476	29.728	0.252	3.8	0.874	0.000	8.4	5.703	OK
S5	34.066	29.391	29.724	0.333	33.0	1.155	0.000	46.6	46.805	OK
S7	32.856	29.284	29.709	0.425	56.4	1.471	0.000	72.6	69.203	OK
S9	32.828	29.162	29.698	0.536	120.4	1.858	0.000	109.0	139.350	OK
S11	32.827	28.998	29.684	0.686	185.9	2.375	0.000	148.5	165.939	OK
S13	32.821	28.796	29.672	0.876	222.8	3.034	0.000	73.9	308.262	OK
S16	32.223	28.527	29.676	1.149	192.0	5.200	0.000	63.4	240.793	Surcharged
S24	29.200	27.700	27.884	0.184	65.6	0.831	0.000	61.9	140.741	OK
S25	29.000	27.500	27.667	0.167	61.9	0.000	0.000	62.0	140.741	OK
S1	32.781	29.849	29.934	0.085	18.6	0.295	0.000	18.6	16.164	OK
S2	32.733	29.648	29.732	0.084	18.6	0.290	0.000	18.7	16.299	OK
S3	33.030	29.447	29.724	0.277	18.7	0.961	0.000	18.6	17.948	OK
S4	33.330	29.432	29.725	0.293	18.6	1.014	0.000	22.6	22.510	OK
S8	33.191	29.345	29.707	0.362	17.5	1.254	0.000	16.4	14.127	OK
S10	33.167	29.227	29.700	0.473	23.9	1.640	0.000	19.3	18.804	OK
S12	33.122	29.071	29.683	0.612	17.8	2.121	0.000	8.5	9.798	OK
S15	32.494	28.835	29.666	0.831	242.4	2.879	0.000	56.3	235.563	OK
S18	32.590	29.785	29.937	0.152	65.0	0.527	0.000	64.8	56.904	OK
S20	32.550	29.316	29.688	0.372	237.7	1.288	0.000	201.3	203.088	OK
S22	32.903	28.997	29.685	0.688	223.0	2.382	0.000	154.3	206.726	OK
S23	32.706	28.673	29.679	1.006	228.0	3.483	0.000	191.0	210.816	OK
S14	32.910	28.963	29.662	0.699	40.6	2.421	0.000	6.8	6.792	OK
S21	32.521	29.156	29.687	0.531	201.3	1.838	0.000	164.9	192.249	OK
S19	32.549	29.605	29.769	0.164	64.8	0.569	0.000	66.4	54.674	OK
S17	32.771	29.836	29.937	0.101	2.0	0.349	0.000	1.9	0.825	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 30 mins: Winter

Junction	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
S6	35.381	29.476	29.774	0.298	3.8	1.032	0.000	9.4	6.228	OK
S5	34.066	29.391	29.777	0.386	51.5	1.336	0.000	71.5	57.995	OK
S7	32.856	29.284	29.777	0.493	80.4	1.706	0.000	93.9	81.347	OK
S9	32.828	29.162	29.761	0.599	150.0	2.075	0.000	118.8	160.583	OK
S11	32.827	28.998	29.748	0.750	196.7	2.598	0.000	153.2	177.837	OK
S13	32.821	28.796	29.734	0.938	270.0	3.249	0.000	76.1	346.405	Surcharged
S16	32.223	28.527	29.735	1.209	204.5	5.468	0.000	64.7	267.459	Surcharged
S24	29.200	27.700	27.892	0.192	68.1	0.867	0.000	66.4	145.316	OK
S25	29.000	27.500	27.675	0.175	66.4	0.000	0.000	66.5	145.316	OK
S1	32.781	29.849	29.936	0.087	19.5	0.302	0.000	19.6	18.146	OK
S2	32.733	29.648	29.759	0.111	30.5	0.385	0.000	19.6	20.503	OK
S3	33.030	29.447	29.776	0.329	23.1	1.139	0.000	34.2	24.953	OK
S4	33.330	29.432	29.776	0.344	34.2	1.193	0.000	39.9	31.358	OK
S8	33.191	29.345	29.776	0.431	21.8	1.493	0.000	17.5	16.146	OK
S10	33.167	29.227	29.762	0.535	25.1	1.853	0.000	21.6	32.737	OK
S12	33.122	29.071	29.749	0.678	18.7	2.348	0.000	7.0	10.732	OK
S15	32.494	28.835	29.727	0.892	285.0	3.091	0.000	72.2	270.536	OK
S18	32.590	29.785	29.942	0.157	68.2	0.542	0.000	67.9	63.730	OK
S20	32.550	29.316	29.748	0.432	250.7	1.496	0.000	207.8	225.872	OK
S22	32.903	28.997	29.739	0.742	245.8	2.570	0.000	177.3	227.621	OK
S23	32.706	28.673	29.737	1.064	230.1	3.687	0.000	203.2	236.166	Surcharged
S14	32.910	28.963	29.727	0.764	29.8	2.645	0.000	6.7	6.932	OK
S21	32.521	29.156	29.744	0.588	207.8	2.036	0.000	184.5	212.030	OK
S19	32.549	29.605	29.770	0.165	67.9	0.573	0.000	70.6	61.382	OK
S17	32.771	29.836	29.941	0.105	1.7	0.364	0.000	1.8	0.866	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 60 mins: Summer

Junction	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
S6	35.381	29.476	29.730	0.254	8.2	0.880	0.000	6.8	6.405	OK
S5	34.066	29.391	29.729	0.338	36.1	1.171	0.000	46.2	53.515	OK
S7	32.856	29.284	29.723	0.439	64.6	1.521	0.000	69.7	80.385	OK
S9	32.828	29.162	29.714	0.552	114.6	1.913	0.000	98.0	184.617	OK
S11	32.827	28.998	29.700	0.702	146.4	2.433	0.000	131.8	210.211	OK
S13	32.821	28.796	29.689	0.893	249.8	3.093	0.000	44.5	423.557	OK
S16	32.223	28.527	29.690	1.163	188.1	5.263	0.000	58.1	403.961	Surcharged
S24	29.200	27.700	27.877	0.177	58.6	0.800	0.000	60.9	298.192	OK
S25	29.000	27.500	27.665	0.165	60.9	0.000	0.000	60.6	298.192	OK
S1	32.781	29.849	29.929	0.080	16.2	0.276	0.000	16.2	20.271	OK
S2	32.733	29.648	29.726	0.078	16.2	0.271	0.000	16.2	20.520	OK
S3	33.030	29.447	29.729	0.282	16.2	0.977	0.000	20.4	21.809	OK
S4	33.330	29.432	29.729	0.297	20.4	1.030	0.000	24.3	25.989	OK
S8	33.191	29.345	29.721	0.376	15.2	1.303	0.000	14.5	17.589	OK
S10	33.167	29.227	29.714	0.487	21.8	1.685	0.000	13.6	53.790	OK
S12	33.122	29.071	29.700	0.629	15.5	2.179	0.000	6.1	13.401	OK
S15	32.494	28.835	29.683	0.848	265.3	2.936	0.000	27.4	302.189	OK
S18	32.590	29.785	29.927	0.142	56.5	0.491	0.000	56.2	71.184	OK
S20	32.550	29.316	29.703	0.387	206.8	1.339	0.000	178.9	252.320	OK
S22	32.903	28.997	29.694	0.697	181.9	2.413	0.000	155.9	255.860	OK
S23	32.706	28.673	29.692	1.019	188.9	3.529	0.000	186.8	276.575	OK
S14	32.910	28.963	29.683	0.720	28.3	2.492	0.000	5.9	7.633	OK
S21	32.521	29.156	29.696	0.540	178.9	1.871	0.000	131.1	235.044	OK
S19	32.549	29.605	29.755	0.150	56.2	0.519	0.000	57.9	68.520	OK
S17	32.771	29.836	29.927	0.091	1.3	0.315	0.000	1.3	0.727	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 60 mins: Winter

Junction	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
S6	35.381	29.476	29.734	0.258	10.1	0.894	0.000	4.2	5.980	OK
S5	34.066	29.391	29.734	0.343	60.0	1.187	0.000	43.5	51.403	OK
S7	32.856	29.284	29.734	0.450	81.4	1.559	0.000	55.9	74.906	OK
S9	32.828	29.162	29.729	0.567	103.7	1.964	0.000	81.3	221.331	OK
S11	32.827	28.998	29.725	0.727	111.3	2.518	0.000	121.1	229.669	OK
S13	32.821	28.796	29.718	0.922	287.0	3.193	0.000	49.1	456.977	Surcharged
S16	32.223	28.527	29.719	1.192	182.8	5.394	0.000	64.3	431.586	Surcharged
S24	29.200	27.700	27.888	0.188	65.7	0.850	0.000	64.6	305.797	OK
S25	29.000	27.500	27.672	0.172	64.6	0.000	0.000	64.6	305.797	OK
S1	32.781	29.849	29.925	0.076	14.6	0.262	0.000	14.6	22.711	OK
S2	32.733	29.648	29.729	0.081	14.6	0.280	0.000	15.4	23.003	OK
S3	33.030	29.447	29.733	0.286	24.0	0.992	0.000	23.6	22.237	OK
S4	33.330	29.432	29.734	0.302	23.6	1.044	0.000	26.4	25.472	OK
S8	33.191	29.345	29.733	0.388	13.7	1.343	0.000	11.1	20.183	OK
S10	33.167	29.227	29.730	0.503	37.2	1.743	0.000	17.3	107.678	OK
S12	33.122	29.071	29.725	0.654	13.9	2.266	0.000	8.3	14.587	OK
S15	32.494	28.835	29.710	0.875	299.8	3.031	0.000	32.7	327.933	OK
S18	32.590	29.785	29.920	0.135	50.8	0.466	0.000	50.6	79.611	OK
S20	32.550	29.316	29.728	0.412	185.6	1.427	0.000	172.6	280.344	OK
S22	32.903	28.997	29.721	0.724	171.0	2.509	0.000	149.4	280.402	OK
S23	32.706	28.673	29.721	1.048	190.4	3.629	0.000	181.8	306.629	OK
S14	32.910	28.963	29.711	0.748	17.6	2.590	0.000	5.1	6.897	OK
S21	32.521	29.156	29.722	0.566	172.6	1.961	0.000	125.2	258.677	OK
S19	32.549	29.605	29.751	0.146	50.6	0.505	0.000	51.4	77.308	OK
S17	32.771	29.836	29.920	0.084	0.8	0.290	0.000	0.7	0.648	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 120 mins: Summer

Junction	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
S6	35.381	29.476	29.647	0.171	8.6	0.592	0.000	3.0	6.153	OK
S5	34.066	29.391	29.646	0.255	29.2	0.884	0.000	24.5	53.572	OK
S7	32.856	29.284	29.643	0.359	40.2	1.244	0.000	36.9	82.450	OK
S9	32.828	29.162	29.641	0.479	63.7	1.659	0.000	69.9	247.474	OK
S11	32.827	28.998	29.635	0.637	97.8	2.208	0.000	102.9	291.750	OK
S13	32.821	28.796	29.635	0.839	236.7	2.907	0.000	39.6	593.258	OK
S16	32.223	28.527	29.635	1.108	163.1	5.014	0.000	64.3	703.159	Surcharged
S24	29.200	27.700	27.890	0.190	65.8	0.860	0.000	66.1	603.937	OK
S25	29.000	27.500	27.674	0.174	66.1	0.000	0.000	66.1	603.937	OK
S1	32.781	29.849	29.917	0.068	11.8	0.237	0.000	11.8	24.885	OK
S2	32.733	29.648	29.715	0.067	11.8	0.232	0.000	11.9	25.165	OK
S3	33.030	29.447	29.649	0.202	13.9	0.700	0.000	11.7	25.278	OK
S4	33.330	29.432	29.648	0.216	11.7	0.749	0.000	13.4	26.875	OK
S8	33.191	29.345	29.643	0.298	11.1	1.034	0.000	8.1	22.885	OK
S10	33.167	29.227	29.641	0.414	22.9	1.434	0.000	15.8	106.841	OK
S12	33.122	29.071	29.635	0.564	11.3	1.955	0.000	7.3	19.314	OK
S15	32.494	28.835	29.635	0.800	240.2	2.773	0.000	18.2	368.850	OK
S18	32.590	29.785	29.906	0.121	41.1	0.417	0.000	40.9	87.112	OK
S20	32.550	29.316	29.647	0.331	150.9	1.146	0.000	139.3	314.091	OK
S22	32.903	28.997	29.639	0.642	148.3	2.223	0.000	131.1	347.985	OK
S23	32.706	28.673	29.636	0.963	168.2	3.337	0.000	161.6	398.924	OK
S14	32.910	28.963	29.635	0.672	15.5	2.329	0.000	3.6	10.564	OK
S21	32.521	29.156	29.640	0.484	139.3	1.677	0.000	111.2	302.829	OK
S19	32.549	29.605	29.734	0.129	40.9	0.447	0.000	42.4	85.134	OK
S17	32.771	29.836	29.906	0.070	0.6	0.242	0.000	0.6	0.525	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 120 mins: Winter

Junction	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
S6	35.381	29.476	29.707	0.231	3.7	0.800	0.000	1.7	6.222	OK
S5	34.066	29.391	29.707	0.316	13.5	1.095	0.000	12.8	50.555	OK
S7	32.856	29.284	29.707	0.423	19.9	1.464	0.000	15.0	77.194	OK
S9	32.828	29.162	29.706	0.544	55.8	1.886	0.000	50.3	321.376	OK
S11	32.827	28.998	29.707	0.709	91.2	2.456	0.000	86.6	362.495	OK
S13	32.821	28.796	29.707	0.911	229.1	3.156	0.000	43.2	645.576	Surcharged
S16	32.223	28.527	29.706	1.180	149.2	5.337	0.000	63.0	734.623	Surcharged
S24	29.200	27.700	27.889	0.189	64.6	0.854	0.000	65.5	621.465	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.4	621.465	OK
S1	32.781	29.849	29.911	0.062	9.5	0.214	0.000	9.5	27.909	OK
S2	32.733	29.648	29.710	0.062	9.5	0.214	0.000	9.6	28.189	OK
S3	33.030	29.447	29.707	0.260	9.6	0.902	0.000	7.8	27.298	OK
S4	33.330	29.432	29.707	0.275	7.8	0.954	0.000	6.7	27.140	OK
S8	33.191	29.345	29.707	0.362	8.9	1.252	0.000	7.1	34.746	OK
S10	33.167	29.227	29.705	0.478	48.3	1.657	0.000	18.2	184.420	OK
S12	33.122	29.071	29.707	0.636	9.1	2.203	0.000	7.0	20.802	OK
S15	32.494	28.835	29.707	0.872	234.5	3.021	0.000	17.4	390.106	OK
S18	32.590	29.785	29.893	0.108	33.1	0.375	0.000	33.0	97.474	OK
S20	32.550	29.316	29.708	0.392	121.0	1.359	0.000	114.5	349.498	OK
S22	32.903	28.997	29.707	0.710	132.8	2.460	0.000	116.8	379.254	OK
S23	32.706	28.673	29.707	1.034	160.2	3.580	0.000	147.7	436.144	OK
S14	32.910	28.963	29.707	0.744	10.2	2.578	0.000	1.9	8.854	OK
S21	32.521	29.156	29.708	0.552	114.5	1.911	0.000	102.9	333.125	OK
S19	32.549	29.605	29.720	0.115	33.0	0.398	0.000	33.5	95.823	OK
S17	32.771	29.836	29.893	0.057	0.3	0.198	0.000	0.3	0.409	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



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

Junction	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
S6	35.381	29.476	29.632	0.156	1.5	0.542	0.000	1.5	6.189	OK
S5	34.066	29.391	29.632	0.241	12.5	0.836	0.000	12.1	55.880	OK
S7	32.856	29.284	29.632	0.348	16.1	1.206	0.000	13.6	86.010	OK
S9	32.828	29.162	29.632	0.470	47.1	1.628	0.000	41.9	292.841	OK
S11	32.827	28.998	29.632	0.634	72.3	2.196	0.000	67.2	408.743	OK
S13	32.821	28.796	29.632	0.836	180.2	2.897	0.000	46.0	897.231	OK
S16	32.223	28.527	29.632	1.105	126.7	5.000	0.000	65.0	1277.999	Surcharged
S24	29.200	27.700	27.889	0.189	65.5	0.857	0.000	65.7	1206.002	OK
S25	29.000	27.500	27.674	0.174	65.7	0.000	0.000	65.7	1206.002	OK
S1	32.781	29.849	29.905	0.056	7.8	0.195	0.000	7.9	30.245	OK
S2	32.733	29.648	29.703	0.055	7.9	0.192	0.000	7.8	30.453	OK
S3	33.030	29.447	29.632	0.185	7.8	0.642	0.000	6.5	30.210	OK
S4	33.330	29.432	29.632	0.200	6.5	0.694	0.000	6.4	30.295	OK
S8	33.191	29.345	29.632	0.287	7.4	0.995	0.000	6.0	28.477	OK
S10	33.167	29.227	29.632	0.405	20.2	1.401	0.000	10.4	106.530	OK
S12	33.122	29.071	29.632	0.561	7.5	1.943	0.000	5.2	28.908	OK
S15	32.494	28.835	29.632	0.797	184.8	2.762	0.000	33.5	508.114	OK
S18	32.590	29.785	29.883	0.098	27.3	0.338	0.000	27.3	105.654	OK
S20	32.550	29.316	29.633	0.317	99.3	1.098	0.000	95.8	384.017	OK
S22	32.903	28.997	29.632	0.635	109.3	2.201	0.000	99.7	479.251	OK
S23	32.706	28.673	29.632	0.959	129.5	3.323	0.000	125.5	616.179	OK
S14	32.910	28.963	29.632	0.669	8.0	2.318	0.000	2.6	21.019	OK
S21	32.521	29.156	29.633	0.477	95.8	1.651	0.000	84.7	383.836	OK
S19	32.549	29.605	29.713	0.108	27.3	0.374	0.000	27.2	104.307	OK
S17	32.771	29.836	29.882	0.046	0.2	0.161	0.000	0.2	0.323	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



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

Junction	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
S6	35.381	29.476	29.692	0.216	2.0	0.747	0.000	1.1	7.477	OK
S5	34.066	29.391	29.691	0.300	10.3	1.041	0.000	9.6	64.166	OK
S7	32.856	29.284	29.691	0.407	13.8	1.410	0.000	12.2	101.851	OK
S9	32.828	29.162	29.691	0.529	42.0	1.831	0.000	36.9	393.194	OK
S11	32.827	28.998	29.691	0.693	64.9	2.401	0.000	57.7	502.435	OK
S13	32.821	28.796	29.691	0.895	135.6	3.101	0.000	46.0	990.287	OK
S16	32.223	28.527	29.691	1.164	96.9	5.266	0.000	64.9	1355.653	Surcharged
S24	29.200	27.700	27.889	0.189	65.2	0.854	0.000	65.4	1280.627	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	1280.627	OK
S1	32.781	29.849	29.898	0.049	5.9	0.170	0.000	5.9	33.883	OK
S2	32.733	29.648	29.696	0.048	5.9	0.168	0.000	5.9	34.146	OK
S3	33.030	29.447	29.692	0.245	5.9	0.848	0.000	5.7	33.841	OK
S4	33.330	29.432	29.692	0.260	5.7	0.899	0.000	5.6	33.871	OK
S8	33.191	29.345	29.691	0.346	5.5	1.198	0.000	4.9	36.181	OK
S10	33.167	29.227	29.690	0.463	43.3	1.603	0.000	16.0	187.645	OK
S12	33.122	29.071	29.691	0.620	5.7	2.148	0.000	4.2	32.387	OK
S15	32.494	28.835	29.691	0.856	135.0	2.966	0.000	33.5	556.991	OK
S18	32.590	29.785	29.870	0.085	20.6	0.295	0.000	20.6	118.236	OK
S20	32.550	29.316	29.692	0.376	74.8	1.302	0.000	73.3	430.070	OK
S22	32.903	28.997	29.691	0.694	86.8	2.405	0.000	77.6	535.011	OK
S23	32.706	28.673	29.691	1.018	104.6	3.527	0.000	95.8	663.500	OK
S14	32.910	28.963	29.691	0.728	5.0	2.522	0.000	2.7	20.711	OK
S21	32.521	29.156	29.691	0.535	73.3	1.855	0.000	68.2	429.901	OK
S19	32.549	29.605	29.699	0.094	20.6	0.327	0.000	20.5	117.220	OK
S17	32.771	29.836	29.870	0.034	0.1	0.118	0.000	0.1	0.221	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 360 mins: Summer

Junction	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
S6	35.381	29.476	29.610	0.134	1.4	0.465	0.000	1.1	6.759	OK
S5	34.066	29.391	29.610	0.219	10.5	0.759	0.000	9.7	61.438	OK
S7	32.856	29.284	29.610	0.326	14.1	1.128	0.000	11.4	94.362	OK
S9	32.828	29.162	29.610	0.448	43.0	1.550	0.000	37.1	304.738	OK
S11	32.827	28.998	29.610	0.612	65.1	2.118	0.000	57.3	450.767	OK
S13	32.821	28.796	29.610	0.814	137.6	2.818	0.000	45.8	937.815	OK
S16	32.223	28.527	29.609	1.082	99.1	4.897	0.000	64.9	1406.675	Surcharged
S24	29.200	27.700	27.889	0.189	65.5	0.855	0.000	65.4	1356.074	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	1356.074	OK
S1	32.781	29.849	29.898	0.049	6.0	0.171	0.000	6.0	33.779	OK
S2	32.733	29.648	29.697	0.049	6.0	0.168	0.000	5.9	33.911	OK
S3	33.030	29.447	29.610	0.163	5.9	0.565	0.000	5.8	33.750	OK
S4	33.330	29.432	29.610	0.178	5.8	0.617	0.000	5.8	33.760	OK
S8	33.191	29.345	29.610	0.265	5.6	0.917	0.000	4.9	31.787	OK
S10	33.167	29.227	29.609	0.382	13.3	1.325	0.000	6.3	88.191	OK
S12	33.122	29.071	29.609	0.538	5.7	1.865	0.000	4.2	32.303	OK
S15	32.494	28.835	29.610	0.775	139.1	2.683	0.000	33.6	491.004	OK
S18	32.590	29.785	29.871	0.086	20.8	0.297	0.000	20.8	117.819	OK
S20	32.550	29.316	29.610	0.294	75.7	1.019	0.000	74.2	428.810	OK
S22	32.903	28.997	29.610	0.613	87.0	2.122	0.000	78.7	535.226	OK
S23	32.706	28.673	29.610	0.937	103.1	3.244	0.000	98.2	688.493	OK
S14	32.910	28.963	29.610	0.647	5.2	2.240	0.000	2.6	21.511	OK
S21	32.521	29.156	29.610	0.454	74.2	1.572	0.000	68.2	428.665	OK
S19	32.549	29.605	29.700	0.095	20.8	0.328	0.000	20.7	116.875	OK
S17	32.771	29.836	29.871	0.035	0.1	0.120	0.000	0.1	0.226	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 360 mins: Winter

Junction	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
S6	35.381	29.476	29.655	0.179	1.4	0.621	0.000	0.8	7.799	OK
S5	34.066	29.391	29.655	0.264	7.9	0.916	0.000	7.9	69.193	OK
S7	32.856	29.284	29.655	0.371	11.3	1.286	0.000	10.4	107.225	OK
S9	32.828	29.162	29.655	0.493	32.8	1.708	0.000	29.1	390.483	OK
S11	32.827	28.998	29.655	0.657	49.4	2.277	0.000	43.8	528.145	OK
S13	32.821	28.796	29.655	0.859	90.1	2.977	0.000	46.0	1023.055	OK
S16	32.223	28.527	29.655	1.128	73.8	5.105	0.000	64.9	1552.315	Surcharged
S24	29.200	27.700	27.888	0.188	65.2	0.852	0.000	65.2	1518.352	OK
S25	29.000	27.500	27.673	0.173	65.2	0.000	0.000	65.2	1518.352	OK
S1	32.781	29.849	29.892	0.043	4.4	0.148	0.000	4.4	37.806	OK
S2	32.733	29.648	29.690	0.042	4.4	0.146	0.000	4.4	38.012	OK
S3	33.030	29.447	29.655	0.208	4.4	0.722	0.000	4.4	37.782	OK
S4	33.330	29.432	29.655	0.223	4.4	0.774	0.000	4.4	37.790	OK
S8	33.191	29.345	29.655	0.310	4.1	1.075	0.000	3.9	35.574	OK
S10	33.167	29.227	29.655	0.428	30.2	1.482	0.000	13.3	158.205	OK
S12	33.122	29.071	29.655	0.584	4.2	2.024	0.000	3.0	36.190	OK
S15	32.494	28.835	29.655	0.820	88.7	2.842	0.000	33.7	535.572	OK
S18	32.590	29.785	29.859	0.074	15.4	0.257	0.000	15.4	131.842	OK
S20	32.550	29.316	29.657	0.341	55.9	1.180	0.000	55.0	480.127	OK
S22	32.903	28.997	29.656	0.659	64.8	2.282	0.000	57.6	599.375	OK
S23	32.706	28.673	29.656	0.983	77.8	3.404	0.000	70.6	771.153	OK
S14	32.910	28.963	29.655	0.692	3.5	2.399	0.000	2.7	22.442	OK
S21	32.521	29.156	29.656	0.500	55.0	1.732	0.000	50.9	480.021	OK
S19	32.549	29.605	29.687	0.082	15.4	0.285	0.000	15.3	131.131	OK
S17	32.771	29.836	29.859	0.023	0.1	0.080	0.000	0.0	0.141	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 480 mins: Summer

Junction	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
S6	35.381	29.476	29.583	0.107	0.9	0.370	0.000	0.9	7.031	OK
S5	34.066	29.391	29.583	0.192	8.7	0.664	0.000	8.7	65.741	OK
S7	32.856	29.284	29.583	0.299	12.8	1.035	0.000	11.1	100.165	OK
S9	32.828	29.162	29.583	0.421	36.2	1.458	0.000	31.7	312.470	OK
S11	32.827	28.998	29.583	0.585	54.6	2.026	0.000	48.7	486.877	OK
S13	32.821	28.796	29.583	0.787	106.5	2.725	0.000	45.8	959.342	OK
S16	32.223	28.527	29.582	1.056	80.3	4.776	0.000	65.0	1498.394	Surcharged
S24	29.200	27.700	27.889	0.189	65.5	0.856	0.000	65.5	1466.111	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.5	1466.111	OK
S1	32.781	29.849	29.894	0.045	4.9	0.156	0.000	5.0	36.444	OK
S2	32.733	29.648	29.692	0.044	5.0	0.154	0.000	4.9	36.510	OK
S3	33.030	29.447	29.583	0.136	4.9	0.471	0.000	4.9	36.419	OK
S4	33.330	29.432	29.583	0.151	4.9	0.522	0.000	4.9	36.422	OK
S8	33.191	29.345	29.583	0.238	4.7	0.824	0.000	4.6	34.310	OK
S10	33.167	29.227	29.583	0.356	6.3	1.232	0.000	5.1	63.928	OK
S12	33.122	29.071	29.583	0.512	4.7	1.773	0.000	3.4	34.883	OK
S15	32.494	28.835	29.583	0.748	107.0	2.590	0.000	33.6	466.947	OK
S18	32.590	29.785	29.863	0.078	17.2	0.271	0.000	17.2	127.090	OK
S20	32.550	29.316	29.583	0.267	62.6	0.926	0.000	61.9	462.762	OK
S22	32.903	28.997	29.583	0.586	72.5	2.029	0.000	64.3	577.634	OK
S23	32.706	28.673	29.583	0.910	86.3	3.151	0.000	79.5	743.161	OK
S14	32.910	28.963	29.583	0.620	3.7	2.147	0.000	2.6	21.802	OK
S21	32.521	29.156	29.583	0.427	61.9	1.478	0.000	57.0	462.644	OK
S19	32.549	29.605	29.692	0.087	17.2	0.300	0.000	17.1	126.429	OK
S17	32.771	29.836	29.863	0.027	0.1	0.094	0.000	0.1	0.171	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 480 mins: Winter

Junction	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
S6	35.381	29.476	29.616	0.140	0.8	0.484	0.000	0.7	7.964	OK
S5	34.066	29.391	29.616	0.225	6.4	0.778	0.000	6.4	73.665	OK
S7	32.856	29.284	29.616	0.332	9.8	1.149	0.000	9.4	112.285	OK
S9	32.828	29.162	29.616	0.454	28.7	1.571	0.000	25.9	373.467	OK
S11	32.827	28.998	29.616	0.618	42.5	2.140	0.000	38.3	548.387	OK
S13	32.821	28.796	29.616	0.820	60.2	2.840	0.000	45.8	1027.241	OK
S16	32.223	28.527	29.615	1.089	71.1	4.925	0.000	64.9	1645.146	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.854	0.000	65.4	1641.831	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	1641.831	OK
S1	32.781	29.849	29.888	0.039	3.6	0.134	0.000	3.6	40.795	OK
S2	32.733	29.648	29.686	0.038	3.6	0.133	0.000	3.6	40.919	OK
S3	33.030	29.447	29.616	0.169	3.6	0.584	0.000	3.6	40.779	OK
S4	33.330	29.432	29.616	0.184	3.6	0.636	0.000	3.6	40.787	OK
S8	33.191	29.345	29.616	0.271	3.4	0.938	0.000	3.4	38.374	OK
S10	33.167	29.227	29.615	0.388	16.3	1.346	0.000	7.0	113.782	OK
S12	33.122	29.071	29.616	0.545	3.4	1.887	0.000	2.5	39.047	OK
S15	32.494	28.835	29.616	0.781	59.0	2.705	0.000	33.8	497.927	OK
S18	32.590	29.785	29.852	0.067	12.5	0.232	0.000	12.5	142.237	OK
S20	32.550	29.316	29.617	0.301	45.4	1.041	0.000	45.4	518.171	OK
S22	32.903	28.997	29.616	0.619	52.9	2.144	0.000	47.1	646.869	OK
S23	32.706	28.673	29.616	0.943	62.8	3.266	0.000	57.5	832.358	OK
S14	32.910	28.963	29.616	0.653	2.5	2.261	0.000	2.8	22.689	OK
S21	32.521	29.156	29.616	0.460	45.4	1.594	0.000	41.7	518.085	OK
S19	32.549	29.605	29.680	0.075	12.5	0.260	0.000	12.5	141.598	OK
S17	32.771	29.836	29.852	0.016	0.0	0.056	0.000	0.0	0.093	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 960 mins: Summer

Junction	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
S6	35.381	29.476	29.492	0.016	0.6	0.056	0.000	0.6	8.210	OK
S5	34.066	29.391	29.437	0.046	5.3	0.160	0.000	5.3	78.616	OK
S7	32.856	29.284	29.430	0.146	8.1	0.505	0.000	8.1	119.759	OK
S9	32.828	29.162	29.429	0.267	24.7	0.926	0.000	23.6	367.797	OK
S11	32.827	28.998	29.429	0.431	37.9	1.494	0.000	35.8	585.877	OK
S13	32.821	28.796	29.429	0.633	50.2	2.193	0.000	42.5	985.512	OK
S16	32.223	28.527	29.428	0.902	69.7	4.080	0.000	64.9	1756.222	Surcharged
S24	29.200	27.700	27.889	0.189	65.3	0.854	0.000	65.4	1763.174	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	1763.174	OK
S1	32.781	29.849	29.885	0.036	3.0	0.124	0.000	3.0	43.762	OK
S2	32.733	29.648	29.683	0.035	3.0	0.123	0.000	3.0	43.754	OK
S3	33.030	29.447	29.484	0.037	3.0	0.129	0.000	3.0	43.745	OK
S4	33.330	29.432	29.467	0.035	3.0	0.122	0.000	3.0	43.743	OK
S8	33.191	29.345	29.430	0.085	2.8	0.294	0.000	2.8	41.154	OK
S10	33.167	29.227	29.429	0.202	3.8	0.701	0.000	3.6	56.188	OK
S12	33.122	29.071	29.429	0.358	2.9	1.241	0.000	2.4	41.884	OK
S15	32.494	28.835	29.429	0.594	41.7	2.058	0.000	28.2	321.238	OK
S18	32.590	29.785	29.846	0.061	10.4	0.213	0.000	10.4	152.421	OK
S20	32.550	29.316	29.433	0.117	37.7	0.405	0.000	37.7	555.171	OK
S22	32.903	28.997	29.429	0.432	46.0	1.498	0.000	43.3	692.823	OK
S23	32.706	28.673	29.429	0.756	56.8	2.619	0.000	53.9	892.268	OK
S14	32.910	28.963	29.429	0.466	2.1	1.614	0.000	2.5	22.333	OK
S21	32.521	29.156	29.430	0.274	37.7	0.948	0.000	36.6	555.154	OK
S19	32.549	29.605	29.674	0.069	10.4	0.239	0.000	10.3	152.324	OK
S17	32.771	29.836	29.846	0.010	0.0	0.036	0.000	0.0	0.058	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 960 mins: Winter

Junction	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
S6	35.381	29.476	29.490	0.014	0.4	0.047	0.000	0.4	9.169	OK
S5	34.066	29.391	29.431	0.040	3.9	0.137	0.000	3.9	87.951	OK
S7	32.856	29.284	29.332	0.048	5.9	0.165	0.000	5.9	134.034	OK
S9	32.828	29.162	29.285	0.123	18.1	0.426	0.000	18.1	411.862	OK
S11	32.827	28.998	29.282	0.284	28.6	0.983	0.000	27.9	656.097	OK
S13	32.821	28.796	29.281	0.485	38.4	1.679	0.000	38.7	1009.867	OK
S16	32.223	28.527	29.280	0.753	66.8	3.408	0.000	65.0	1967.136	Surcharged
S24	29.200	27.700	27.889	0.189	65.3	0.853	0.000	65.3	1974.957	OK
S25	29.000	27.500	27.673	0.173	65.3	0.000	0.000	65.3	1974.957	OK
S1	32.781	29.849	29.880	0.031	2.2	0.106	0.000	2.2	48.977	OK
S2	32.733	29.648	29.678	0.030	2.2	0.105	0.000	2.2	48.973	OK
S3	33.030	29.447	29.479	0.032	2.2	0.111	0.000	2.1	48.967	OK
S4	33.330	29.432	29.462	0.030	2.1	0.105	0.000	2.1	48.965	OK
S8	33.191	29.345	29.374	0.029	2.0	0.102	0.000	2.0	46.087	OK
S10	33.167	29.227	29.286	0.059	2.8	0.203	0.000	2.8	62.981	OK
S12	33.122	29.071	29.282	0.211	2.1	0.730	0.000	2.0	46.849	OK
S15	32.494	28.835	29.281	0.446	17.6	1.544	0.000	18.9	178.435	OK
S18	32.590	29.785	29.838	0.053	7.5	0.183	0.000	7.5	170.657	OK
S20	32.550	29.316	29.415	0.099	27.3	0.342	0.000	27.3	621.576	OK
S22	32.903	28.997	29.282	0.285	34.1	0.986	0.000	33.1	775.808	OK
S23	32.706	28.673	29.281	0.608	42.9	2.105	0.000	41.8	999.388	OK
S14	32.910	28.963	29.281	0.318	1.1	1.101	0.000	1.7	23.293	OK
S21	32.521	29.156	29.287	0.131	27.3	0.453	0.000	27.3	621.654	OK
S19	32.549	29.605	29.664	0.059	7.5	0.206	0.000	7.5	170.624	OK
S17	32.771	29.836	29.838	0.002	0.0	0.006	0.000	0.0	0.009	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 2 years: Increase Rainfall (%): +0: 1440 mins: Summer

Junction	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
S6	35.381	29.476	29.490	0.014	0.4	0.048	0.000	0.4	9.126	OK
S5	34.066	29.391	29.431	0.040	4.0	0.139	0.000	4.0	87.412	OK
S7	32.856	29.284	29.332	0.048	6.0	0.167	0.000	6.0	133.186	OK
S9	32.828	29.162	29.244	0.082	18.6	0.282	0.000	18.6	409.126	OK
S11	32.827	28.998	29.226	0.228	29.3	0.790	0.000	28.4	651.758	OK
S13	32.821	28.796	29.224	0.428	39.1	1.484	0.000	36.0	983.835	OK
S16	32.223	28.527	29.223	0.697	66.7	3.152	0.000	64.8	1954.198	Surcharged
S24	29.200	27.700	27.888	0.188	65.1	0.851	0.000	65.1	1961.967	OK
S25	29.000	27.500	27.673	0.173	65.1	0.000	0.000	65.1	1961.967	OK
S1	32.781	29.849	29.880	0.031	2.2	0.108	0.000	2.2	48.679	OK
S2	32.733	29.648	29.679	0.031	2.2	0.107	0.000	2.2	48.674	OK
S3	33.030	29.447	29.479	0.032	2.2	0.112	0.000	2.2	48.667	OK
S4	33.330	29.432	29.463	0.031	2.2	0.106	0.000	2.2	48.666	OK
S8	33.191	29.345	29.375	0.030	2.1	0.103	0.000	2.1	45.794	OK
S10	33.167	29.227	29.261	0.034	2.8	0.117	0.000	2.8	62.538	OK
S12	33.122	29.071	29.226	0.155	2.1	0.537	0.000	2.0	46.562	OK
S15	32.494	28.835	29.224	0.389	19.5	1.349	0.000	13.1	132.018	OK
S18	32.590	29.785	29.838	0.053	7.7	0.185	0.000	7.7	169.517	OK
S20	32.550	29.316	29.416	0.100	28.0	0.346	0.000	28.0	617.382	OK
S22	32.903	28.997	29.226	0.229	35.0	0.792	0.000	33.7	770.570	OK
S23	32.706	28.673	29.224	0.551	43.7	1.909	0.000	43.0	992.678	OK
S14	32.910	28.963	29.224	0.261	1.2	0.905	0.000	1.9	23.334	OK
S21	32.521	29.156	29.252	0.096	28.0	0.332	0.000	28.0	617.438	OK
S19	32.549	29.605	29.665	0.060	7.7	0.209	0.000	7.7	169.472	OK
S17	32.771	29.836	29.838	0.002	0.0	0.009	0.000	0.0	0.013	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 2 years: Increase Rainfall (%): +0: 1440 mins: Winter

Junction	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
S6	35.381	29.476	29.488	0.012	0.3	0.041	0.000	0.3	10.147	OK
S5	34.066	29.391	29.426	0.035	2.9	0.120	0.000	2.9	97.803	OK
S7	32.856	29.284	29.326	0.042	4.4	0.144	0.000	4.4	149.059	OK
S9	32.828	29.162	29.233	0.071	13.4	0.245	0.000	13.4	458.113	OK
S11	32.827	28.998	29.144	0.146	21.3	0.506	0.000	20.6	729.805	OK
S13	32.821	28.796	29.140	0.344	29.8	1.190	0.000	29.4	1067.209	OK
S16	32.223	28.527	29.138	0.612	60.4	2.768	0.000	60.3	2188.789	Surcharged
S24	29.200	27.700	27.879	0.179	60.5	0.810	0.000	60.5	2197.510	OK
S25	29.000	27.500	27.665	0.165	60.5	0.000	0.000	60.5	2197.510	OK
S1	32.781	29.849	29.876	0.027	1.6	0.092	0.000	1.6	54.466	OK
S2	32.733	29.648	29.675	0.027	1.6	0.092	0.000	1.6	54.464	OK
S3	33.030	29.447	29.475	0.028	1.6	0.096	0.000	1.6	54.460	OK
S4	33.330	29.432	29.458	0.026	1.6	0.092	0.000	1.6	54.459	OK
S8	33.191	29.345	29.370	0.025	1.5	0.088	0.000	1.5	51.266	OK
S10	33.167	29.227	29.256	0.029	2.0	0.101	0.000	2.0	70.058	OK
S12	33.122	29.071	29.144	0.073	1.5	0.254	0.000	1.5	52.089	OK
S15	32.494	28.835	29.140	0.305	2.0	1.055	0.000	2.9	70.484	OK
S18	32.590	29.785	29.831	0.046	5.6	0.158	0.000	5.6	189.847	OK
S20	32.550	29.316	29.401	0.085	20.2	0.296	0.000	20.2	691.557	OK
S22	32.903	28.997	29.143	0.146	25.3	0.506	0.000	24.4	863.033	OK
S23	32.706	28.673	29.139	0.466	31.7	1.615	0.000	30.7	1111.819	OK
S14	32.910	28.963	29.140	0.177	0.8	0.612	0.000	1.2	25.655	OK
S21	32.521	29.156	29.239	0.083	20.2	0.288	0.000	20.3	691.557	OK
S19	32.549	29.605	29.657	0.052	5.6	0.180	0.000	5.6	189.831	OK
S17	32.771	29.836	29.836	0.000	0.0	0.000	0.000	0.0	0.000	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Junction	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
S6	35.381	29.476	30.059	0.583	10.1	2.021	0.000	19.0	9.586	OK
S5	34.066	29.391	30.059	0.668	184.1	2.314	0.000	189.5	140.619	OK
S7	32.856	29.284	30.041	0.757	189.5	2.624	0.000	174.3	203.329	OK
S9	32.828	29.162	30.039	0.877	281.5	3.037	0.000	165.2	270.606	OK
S11	32.827	28.998	30.013	1.015	390.5	3.516	0.000	176.1	228.629	Surcharged
S13	32.821	28.796	30.032	1.236	384.9	4.283	0.000	90.5	385.315	Surcharged
S16	32.223	28.527	30.024	1.497	432.8	6.774	0.000	53.9	306.162	Surcharged
S24	29.200	27.700	27.871	0.171	55.9	0.774	0.000	56.5	76.954	OK
S25	29.000	27.500	27.658	0.158	56.5	0.000	0.000	56.5	76.954	OK
S1	32.781	29.849	29.989	0.140	73.3	0.484	0.000	48.2	30.988	OK
S2	32.733	29.648	30.102	0.454	155.8	1.574	0.000	69.0	55.331	OK
S3	33.030	29.447	30.058	0.611	177.0	2.118	0.000	110.4	80.778	OK
S4	33.330	29.432	30.060	0.628	180.8	2.175	0.000	124.0	97.836	OK
S8	33.191	29.345	30.038	0.693	85.1	2.401	0.000	91.8	76.406	OK
S10	33.167	29.227	30.039	0.812	85.0	2.811	0.000	36.2	81.156	OK
S12	33.122	29.071	30.004	0.933	51.7	3.233	0.000	10.6	15.656	Surcharged
S15	32.494	28.835	30.035	1.200	380.5	4.157	0.000	70.0	288.727	Surcharged
S18	32.590	29.785	30.154	0.369	188.3	1.278	0.000	180.6	93.209	OK
S20	32.550	29.316	30.075	0.759	615.5	2.630	0.000	560.9	293.402	OK
S22	32.903	28.997	30.053	1.056	533.1	3.658	0.000	357.7	270.172	Surcharged
S23	32.706	28.673	30.029	1.356	500.3	4.698	0.000	430.6	289.775	Surcharged
S14	32.910	28.963	30.065	1.102	83.2	3.816	0.000	4.1	10.185	Surcharged
S21	32.521	29.156	30.058	0.902	560.9	3.125	0.000	363.1	255.598	OK
S19	32.549	29.605	30.174	0.569	180.6	1.972	0.000	208.9	95.950	OK
S17	32.771	29.836	30.145	0.309	4.5	1.071	0.000	41.4	5.185	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 15 mins: Winter

Junction	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
S6	35.381	29.476	30.138	0.662	10.6	2.294	0.000	18.2	10.946	OK
S5	34.066	29.391	30.139	0.748	188.5	2.592	0.000	234.1	169.818	OK
S7	32.856	29.284	30.117	0.833	234.1	2.885	0.000	184.3	253.961	OK
S9	32.828	29.162	30.108	0.946	279.6	3.277	0.000	127.5	318.203	Surcharged
S11	32.827	28.998	30.067	1.069	352.6	3.705	0.000	146.0	241.766	Surcharged
S13	32.821	28.796	30.074	1.278	410.4	4.426	0.000	124.1	413.095	Surcharged
S16	32.223	28.527	30.117	1.591	504.6	7.197	0.000	55.6	357.172	Surcharged
S24	29.200	27.700	27.876	0.176	57.9	0.794	0.000	58.9	80.116	OK
S25	29.000	27.500	27.662	0.162	58.9	0.000	0.000	58.9	80.116	OK
S1	32.781	29.849	30.190	0.341	167.8	1.182	0.000	51.2	36.956	OK
S2	32.733	29.648	30.178	0.530	119.6	1.837	0.000	113.6	70.172	OK
S3	33.030	29.447	30.148	0.701	113.6	2.430	0.000	156.3	103.244	OK
S4	33.330	29.432	30.146	0.714	156.3	2.475	0.000	170.3	122.878	OK
S8	33.191	29.345	30.112	0.767	114.9	2.659	0.000	119.6	107.483	OK
S10	33.167	29.227	30.111	0.884	107.5	3.064	0.000	31.3	108.233	OK
S12	33.122	29.071	30.061	0.990	85.7	3.429	0.000	26.0	17.481	Surcharged
S15	32.494	28.835	30.060	1.225	422.6	4.243	0.000	57.9	311.908	Surcharged
S18	32.590	29.785	30.233	0.448	197.2	1.552	0.000	179.2	108.908	OK
S20	32.550	29.316	30.255	0.939	651.1	3.252	0.000	592.0	334.092	OK
S22	32.903	28.997	30.300	1.303	528.5	4.513	0.000	470.2	305.306	Surcharged
S23	32.706	28.673	30.177	1.504	540.4	5.209	0.000	501.8	333.568	Surcharged
S14	32.910	28.963	30.051	1.088	152.0	3.769	0.000	10.5	10.769	Surcharged
S21	32.521	29.156	30.312	1.156	592.0	4.005	0.000	395.4	287.584	Surcharged
S19	32.549	29.605	30.219	0.614	179.2	2.126	0.000	200.9	116.254	OK
S17	32.771	29.836	30.226	0.390	4.1	1.349	0.000	26.1	6.981	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



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

Junction	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
S6	35.381	29.476	30.118	0.642	18.6	2.224	0.000	22.9	9.840	OK
S5	34.066	29.391	30.118	0.727	318.6	2.517	0.000	253.5	169.474	OK
S7	32.856	29.284	30.100	0.816	392.0	2.826	0.000	121.2	250.350	OK
S9	32.828	29.162	30.084	0.922	423.0	3.196	0.000	111.5	361.340	Surcharged
S11	32.827	28.998	30.067	1.069	285.4	3.703	0.000	103.3	250.906	Surcharged
S13	32.821	28.796	30.045	1.249	427.3	4.328	0.000	51.7	500.710	Surcharged
S16	32.223	28.527	30.054	1.528	450.5	6.911	0.000	54.4	491.274	Surcharged
S24	29.200	27.700	27.877	0.177	59.9	0.800	0.000	59.2	165.208	OK
S25	29.000	27.500	27.663	0.163	59.2	0.000	0.000	59.2	165.208	OK
S1	32.781	29.849	30.131	0.282	35.5	0.977	0.000	37.3	38.228	OK
S2	32.733	29.648	30.120	0.472	195.8	1.636	0.000	123.0	67.027	OK
S3	33.030	29.447	30.126	0.679	223.7	2.351	0.000	168.8	102.235	OK
S4	33.330	29.432	30.123	0.691	243.6	2.392	0.000	183.0	123.731	OK
S8	33.191	29.345	30.097	0.752	167.2	2.604	0.000	52.4	115.123	OK
S10	33.167	29.227	30.082	0.855	132.3	2.961	0.000	32.6	186.167	OK
S12	33.122	29.071	30.068	0.997	33.9	3.452	0.000	22.1	19.371	Surcharged
S15	32.494	28.835	30.039	1.204	441.9	4.169	0.000	47.4	387.397	Surcharged
S18	32.590	29.785	30.128	0.343	134.0	1.187	0.000	109.8	112.806	OK
S20	32.550	29.316	30.131	0.815	417.6	2.821	0.000	379.9	380.879	OK
S22	32.903	28.997	30.097	1.100	379.4	3.812	0.000	400.0	369.726	Surcharged
S23	32.706	28.673	30.070	1.397	443.7	4.839	0.000	448.8	421.630	Surcharged
S14	32.910	28.963	30.039	1.076	58.3	3.726	0.000	13.6	9.310	Surcharged
S21	32.521	29.156	30.112	0.956	379.9	3.312	0.000	349.3	339.829	OK
S19	32.549	29.605	30.124	0.519	109.8	1.799	0.000	160.8	112.185	OK
S17	32.771	29.836	30.129	0.293	33.6	1.015	0.000	14.9	4.406	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 30 mins: Winter

Junction	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
S6	35.381	29.476	30.149	0.673	22.4	2.332	0.000	20.8	10.488	OK
S5	34.066	29.391	30.151	0.760	370.2	2.633	0.000	242.1	192.319	OK
S7	32.856	29.284	30.134	0.850	383.6	2.944	0.000	89.0	285.772	OK
S9	32.828	29.162	30.144	0.982	386.6	3.401	0.000	78.8	403.754	Surcharged
S11	32.827	28.998	30.151	1.153	232.6	3.995	0.000	128.1	267.465	Surcharged
S13	32.821	28.796	30.142	1.346	477.3	4.664	0.000	55.5	530.670	Surcharged
S16	32.223	28.527	30.149	1.622	517.2	7.339	0.000	57.1	543.903	Surcharged
S24	29.200	27.700	27.880	0.180	61.8	0.815	0.000	60.9	169.572	OK
S25	29.000	27.500	27.665	0.165	60.9	0.000	0.000	60.9	169.572	OK
S1	32.781	29.849	30.178	0.329	37.3	1.141	0.000	58.8	43.554	OK
S2	32.733	29.648	30.182	0.534	231.5	1.849	0.000	121.5	75.792	OK
S3	33.030	29.447	30.162	0.715	284.6	2.477	0.000	160.9	117.054	OK
S4	33.330	29.432	30.158	0.726	303.7	2.516	0.000	173.6	142.245	OK
S8	33.191	29.345	30.131	0.786	200.3	2.721	0.000	43.4	141.041	OK
S10	33.167	29.227	30.143	0.916	171.1	3.174	0.000	22.9	220.783	Surcharged
S12	33.122	29.071	30.152	1.081	40.2	3.743	0.000	28.1	22.049	Surcharged
S15	32.494	28.835	30.132	1.297	515.2	4.493	0.000	50.1	414.857	Surcharged
S18	32.590	29.785	30.258	0.473	129.8	1.639	0.000	117.3	128.939	OK
S20	32.550	29.316	30.197	0.881	444.3	3.052	0.000	401.2	426.177	OK
S22	32.903	28.997	30.190	1.193	409.3	4.133	0.000	435.4	412.884	Surcharged
S23	32.706	28.673	30.175	1.502	496.4	5.202	0.000	514.7	479.316	Surcharged
S14	32.910	28.963	30.131	1.168	73.7	4.045	0.000	16.1	10.505	Surcharged
S21	32.521	29.156	30.191	1.035	401.2	3.586	0.000	367.3	377.025	OK
S19	32.549	29.605	30.214	0.609	119.3	2.110	0.000	165.0	128.040	OK
S17	32.771	29.836	30.261	0.425	16.6	1.472	0.000	15.3	6.297	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 60 mins: Summer

Junction	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
S6	35.381	29.476	30.034	0.558	22.9	1.933	0.000	17.4	9.133	OK
S5	34.066	29.391	30.035	0.644	208.1	2.230	0.000	195.9	150.801	OK
S7	32.856	29.284	30.034	0.750	238.7	2.597	0.000	96.2	230.411	OK
S9	32.828	29.162	30.039	0.877	266.8	3.037	0.000	70.5	470.951	OK
S11	32.827	28.998	30.037	1.039	192.0	3.599	0.000	133.4	383.724	Surcharged
S13	32.821	28.796	30.035	1.239	493.1	4.292	0.000	76.8	652.921	Surcharged
S16	32.223	28.527	30.043	1.517	453.8	6.862	0.000	63.3	714.494	Surcharged
S24	29.200	27.700	27.885	0.185	64.2	0.837	0.000	63.3	347.191	OK
S25	29.000	27.500	27.670	0.170	63.3	0.000	0.000	63.3	347.191	OK
S1	32.781	29.849	30.053	0.204	34.9	0.707	0.000	49.0	42.514	OK
S2	32.733	29.648	30.048	0.400	105.7	1.386	0.000	96.3	58.824	OK
S3	33.030	29.447	30.037	0.590	150.9	2.045	0.000	127.2	85.618	OK
S4	33.330	29.432	30.035	0.603	164.0	2.089	0.000	137.1	105.986	OK
S8	33.191	29.345	30.032	0.687	147.6	2.381	0.000	25.1	125.580	OK
S10	33.167	29.227	30.037	0.810	167.4	2.805	0.000	36.2	285.929	OK
S12	33.122	29.071	30.036	0.965	29.5	3.344	0.000	27.5	25.784	Surcharged
S15	32.494	28.835	30.022	1.187	516.6	4.113	0.000	57.6	429.654	Surcharged
S18	32.590	29.785	30.124	0.339	107.3	1.175	0.000	98.8	139.542	OK
S20	32.550	29.316	30.100	0.784	349.3	2.717	0.000	301.3	463.970	OK
S22	32.903	28.997	30.087	1.090	371.2	3.777	0.000	382.6	474.625	Surcharged
S23	32.706	28.673	30.065	1.392	445.1	4.821	0.000	451.3	560.767	Surcharged
S14	32.910	28.963	30.023	1.060	30.8	3.673	0.000	11.4	11.032	Surcharged
S21	32.521	29.156	30.094	0.938	301.3	3.249	0.000	328.2	425.710	OK
S19	32.549	29.605	30.107	0.502	98.8	1.739	0.000	136.9	128.069	OK
S17	32.771	29.836	30.125	0.289	8.2	0.999	0.000	10.0	4.212	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 60 mins: Winter

Junction	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
S6	35.381	29.476	30.043	0.567	26.1	1.963	0.000	8.9	8.943	OK
S5	34.066	29.391	30.042	0.651	140.8	2.255	0.000	107.6	133.302	OK
S7	32.856	29.284	30.039	0.755	198.5	2.614	0.000	58.4	234.603	OK
S9	32.828	29.162	30.039	0.877	360.3	3.039	0.000	65.2	517.775	OK
S11	32.827	28.998	30.038	1.040	276.0	3.604	0.000	70.3	417.188	Surcharged
S13	32.821	28.796	30.035	1.239	422.8	4.292	0.000	68.2	675.142	Surcharged
S16	32.223	28.527	30.051	1.524	466.4	6.896	0.000	64.6	785.057	Surcharged
S24	29.200	27.700	27.891	0.191	66.5	0.864	0.000	66.4	352.950	OK
S25	29.000	27.500	27.675	0.175	66.4	0.000	0.000	66.4	352.950	OK
S1	32.781	29.849	30.074	0.225	38.0	0.779	0.000	30.8	45.106	OK
S2	32.733	29.648	30.041	0.393	34.1	1.361	0.000	60.2	53.010	OK
S3	33.030	29.447	30.042	0.595	60.2	2.062	0.000	72.4	72.638	OK
S4	33.330	29.432	30.042	0.610	72.4	2.115	0.000	76.1	90.307	OK
S8	33.191	29.345	30.035	0.690	158.4	2.392	0.000	24.0	152.321	OK
S10	33.167	29.227	30.037	0.810	231.4	2.807	0.000	28.6	328.888	OK
S12	33.122	29.071	30.055	0.984	26.6	3.408	0.000	24.2	29.668	Surcharged
S15	32.494	28.835	30.021	1.186	452.4	4.109	0.000	15.0	425.030	Surcharged
S18	32.590	29.785	30.119	0.334	96.6	1.156	0.000	94.5	153.776	OK
S20	32.550	29.316	30.110	0.794	300.7	2.749	0.000	292.2	513.728	OK
S22	32.903	28.997	30.093	1.096	367.5	3.798	0.000	373.9	531.603	Surcharged
S23	32.706	28.673	30.070	1.397	460.6	4.840	0.000	462.9	637.354	Surcharged
S14	32.910	28.963	30.021	1.058	24.3	3.664	0.000	10.6	13.640	Surcharged
S21	32.521	29.156	30.102	0.946	292.2	3.279	0.000	307.7	472.204	OK
S19	32.549	29.605	30.111	0.506	94.5	1.754	0.000	94.1	138.764	OK
S17	32.771	29.836	30.118	0.282	5.3	0.978	0.000	3.3	3.897	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 120 mins: Summer

Junction	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
S6	35.381	29.476	29.960	0.484	14.3	1.675	0.000	2.3	8.403	OK
S5	34.066	29.391	29.957	0.566	65.0	1.962	0.000	24.5	100.880	OK
S7	32.856	29.284	29.954	0.670	109.4	2.322	0.000	43.2	237.013	OK
S9	32.828	29.162	29.951	0.789	247.0	2.732	0.000	43.1	600.943	OK
S11	32.827	28.998	29.959	0.961	198.6	3.329	0.000	87.7	554.861	Surcharged
S13	32.821	28.796	29.959	1.163	412.6	4.028	0.000	47.6	876.367	Surcharged
S16	32.223	28.527	29.982	1.455	369.4	6.584	0.000	64.8	1111.545	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.853	0.000	65.2	711.835	OK
S25	29.000	27.500	27.673	0.173	65.2	0.000	0.000	65.2	711.835	OK
S1	32.781	29.849	29.954	0.105	22.2	0.365	0.000	22.4	47.429	OK
S2	32.733	29.648	29.952	0.304	24.0	1.053	0.000	23.4	47.112	OK
S3	33.030	29.447	29.955	0.508	27.2	1.761	0.000	16.7	51.942	OK
S4	33.330	29.432	29.956	0.524	22.4	1.815	0.000	14.8	61.963	OK
S8	33.191	29.345	29.956	0.611	117.6	2.116	0.000	17.9	170.475	OK
S10	33.167	29.227	29.951	0.724	183.4	2.509	0.000	20.0	362.840	OK
S12	33.122	29.071	29.966	0.895	21.3	3.099	0.000	16.2	33.938	OK
S15	32.494	28.835	29.962	1.127	430.9	3.903	0.000	26.7	478.112	Surcharged
S18	32.590	29.785	30.004	0.219	77.4	0.760	0.000	75.8	166.122	OK
S20	32.550	29.316	29.994	0.678	253.1	2.349	0.000	235.1	566.416	OK
S22	32.903	28.997	29.984	0.987	289.5	3.417	0.000	272.6	602.699	OK
S23	32.706	28.673	29.977	1.304	374.1	4.517	0.000	365.4	727.085	Surcharged
S14	32.910	28.963	29.955	0.992	13.3	3.436	0.000	10.3	13.478	Surcharged
S21	32.521	29.156	29.988	0.832	235.1	2.881	0.000	219.7	527.888	OK
S19	32.549	29.605	29.996	0.391	75.8	1.356	0.000	49.2	155.035	OK
S17	32.771	29.836	30.005	0.169	3.7	0.584	0.000	1.4	2.442	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 120 mins: Winter

Junction	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
S6	35.381	29.476	30.053	0.577	7.9	1.999	0.000	2.1	7.572	OK
S5	34.066	29.391	30.053	0.662	43.1	2.294	0.000	14.7	90.684	OK
S7	32.856	29.284	30.053	0.769	137.5	2.664	0.000	34.4	260.008	OK
S9	32.828	29.162	30.053	0.891	309.8	3.086	0.000	39.3	720.258	OK
S11	32.827	28.998	30.052	1.054	258.5	3.651	0.000	82.9	654.871	Surcharged
S13	32.821	28.796	30.051	1.255	356.7	4.347	0.000	49.6	904.754	Surcharged
S16	32.223	28.527	30.050	1.524	283.4	6.893	0.000	64.8	1207.215	Surcharged
S24	29.200	27.700	27.889	0.189	65.7	0.855	0.000	65.4	724.048	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	724.048	OK
S1	32.781	29.849	30.054	0.205	17.9	0.709	0.000	18.0	52.024	OK
S2	32.733	29.648	30.054	0.406	26.7	1.405	0.000	14.3	44.448	OK
S3	33.030	29.447	30.053	0.606	23.0	2.100	0.000	8.1	44.754	OK
S4	33.330	29.432	30.053	0.621	27.6	2.152	0.000	7.5	55.674	OK
S8	33.191	29.345	30.053	0.708	139.9	2.452	0.000	17.3	198.120	OK
S10	33.167	29.227	30.053	0.826	216.6	2.862	0.000	16.8	440.128	OK
S12	33.122	29.071	30.052	0.981	17.1	3.398	0.000	14.5	38.411	Surcharged
S15	32.494	28.835	30.051	1.216	367.4	4.212	0.000	11.7	433.863	Surcharged
S18	32.590	29.785	30.050	0.265	62.4	0.919	0.000	61.5	182.833	OK
S20	32.550	29.316	30.050	0.734	206.4	2.543	0.000	186.1	622.768	OK
S22	32.903	28.997	30.050	1.053	222.6	3.647	0.000	209.4	665.052	Surcharged
S23	32.706	28.673	30.050	1.377	285.9	4.769	0.000	280.2	812.995	Surcharged
S14	32.910	28.963	30.051	1.088	10.2	3.769	0.000	6.5	14.824	Surcharged
S21	32.521	29.156	30.050	0.894	186.1	3.096	0.000	166.3	578.258	OK
S19	32.549	29.605	30.053	0.448	61.5	1.551	0.000	57.4	165.986	OK
S17	32.771	29.836	30.050	0.214	1.7	0.741	0.000	2.6	2.364	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



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

Junction	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
S6	35.381	29.476	29.958	0.482	7.1	1.671	0.000	1.5	11.022	OK
S5	34.066	29.391	29.958	0.567	61.8	1.965	0.000	13.8	119.074	OK
S7	32.856	29.284	29.958	0.674	85.5	2.336	0.000	24.4	306.673	OK
S9	32.828	29.162	29.958	0.796	224.7	2.758	0.000	37.9	860.018	OK
S11	32.827	28.998	29.958	0.960	188.6	3.326	0.000	63.2	891.917	Surcharged
S13	32.821	28.796	29.958	1.162	240.1	4.025	0.000	40.6	1291.356	Surcharged
S16	32.223	28.527	29.957	1.431	202.4	6.473	0.000	64.6	1792.075	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.855	0.000	65.5	1410.620	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.5	1410.620	OK
S1	32.781	29.849	29.959	0.110	14.4	0.380	0.000	14.7	56.167	OK
S2	32.733	29.648	29.959	0.311	32.1	1.076	0.000	13.1	59.067	OK
S3	33.030	29.447	29.958	0.511	34.3	1.771	0.000	9.4	63.020	OK
S4	33.330	29.432	29.958	0.526	39.9	1.823	0.000	9.6	70.722	OK
S8	33.191	29.345	29.958	0.613	92.7	2.124	0.000	10.0	211.573	OK
S10	33.167	29.227	29.958	0.731	167.3	2.533	0.000	18.3	470.538	OK
S12	33.122	29.071	29.958	0.887	13.8	3.073	0.000	10.0	44.366	OK
S15	32.494	28.835	29.958	1.123	241.5	3.890	0.000	19.5	537.838	Surcharged
S18	32.590	29.785	29.958	0.173	50.4	0.600	0.000	50.6	196.110	OK
S20	32.550	29.316	29.958	0.642	173.0	2.224	0.000	151.2	692.247	OK
S22	32.903	28.997	29.958	0.961	168.6	3.329	0.000	148.5	777.393	OK
S23	32.706	28.673	29.958	1.285	203.4	4.451	0.000	200.2	947.718	Surcharged
S14	32.910	28.963	29.958	0.995	9.9	3.447	0.000	4.4	15.977	Surcharged
S21	32.521	29.156	29.958	0.802	151.2	2.778	0.000	123.3	662.893	OK
S19	32.549	29.605	29.958	0.353	50.6	1.223	0.000	40.4	191.536	OK
S17	32.771	29.836	29.958	0.122	0.6	0.424	0.000	0.4	1.468	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



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

Junction	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
S6	35.381	29.476	30.079	0.603	5.1	2.088	0.000	1.3	10.313	OK
S5	34.066	29.391	30.079	0.688	35.8	2.383	0.000	10.2	118.170	OK
S7	32.856	29.284	30.079	0.795	79.6	2.753	0.000	15.3	337.196	OK
S9	32.828	29.162	30.079	0.917	225.2	3.176	0.000	39.0	965.502	Surcharged
S11	32.827	28.998	30.079	1.081	183.3	3.743	0.000	60.1	951.445	Surcharged
S13	32.821	28.796	30.078	1.282	167.7	4.442	0.000	40.7	1271.159	Surcharged
S16	32.223	28.527	30.078	1.551	193.4	7.018	0.000	65.0	1916.219	Surcharged
S24	29.200	27.700	27.889	0.189	65.6	0.856	0.000	65.5	1445.122	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.6	1445.122	OK
S1	32.781	29.849	30.079	0.230	10.9	0.796	0.000	10.9	62.770	OK
S2	32.733	29.648	30.079	0.431	15.0	1.493	0.000	9.4	60.433	OK
S3	33.030	29.447	30.079	0.632	15.5	2.189	0.000	6.4	62.798	OK
S4	33.330	29.432	30.079	0.647	19.4	2.241	0.000	6.3	73.335	OK
S8	33.191	29.345	30.079	0.734	86.0	2.542	0.000	8.6	251.573	OK
S10	33.167	29.227	30.079	0.852	167.7	2.951	0.000	16.3	558.115	OK
S12	33.122	29.071	30.079	1.008	10.4	3.490	0.000	9.1	49.263	Surcharged
S15	32.494	28.835	30.078	1.243	164.5	4.307	0.000	10.2	485.538	Surcharged
S18	32.590	29.785	30.078	0.293	37.9	1.015	0.000	37.8	219.986	OK
S20	32.550	29.316	30.078	0.762	126.7	2.640	0.000	120.3	765.630	OK
S22	32.903	28.997	30.078	1.081	149.2	3.745	0.000	147.4	855.643	Surcharged
S23	32.706	28.673	30.078	1.405	192.2	4.868	0.000	191.6	1052.281	Surcharged
S14	32.910	28.963	30.078	1.115	6.0	3.864	0.000	4.4	17.235	Surcharged
S21	32.521	29.156	30.078	0.922	120.3	3.194	0.000	118.4	729.152	OK
S19	32.549	29.605	30.078	0.473	37.8	1.639	0.000	33.1	210.020	OK
S17	32.771	29.836	30.078	0.242	1.2	0.839	0.000	0.4	2.351	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 360 mins: Summer

Junction	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
S6	35.381	29.476	29.936	0.460	5.2	1.592	0.000	1.4	14.335	OK
S5	34.066	29.391	29.936	0.545	39.8	1.887	0.000	11.3	141.877	OK
S7	32.856	29.284	29.936	0.652	67.9	2.257	0.000	14.6	337.517	OK
S9	32.828	29.162	29.936	0.774	185.8	2.680	0.000	36.7	1004.213	OK
S11	32.827	28.998	29.936	0.938	153.3	3.248	0.000	59.0	1104.589	Surcharged
S13	32.821	28.796	29.935	1.139	161.6	3.947	0.000	39.1	1658.712	Surcharged
S16	32.223	28.527	29.935	1.408	162.4	6.371	0.000	64.9	2376.914	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.854	0.000	65.4	2034.871	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	2034.871	OK
S1	32.781	29.849	29.936	0.087	10.8	0.300	0.000	11.1	61.634	OK
S2	32.733	29.648	29.936	0.288	22.1	0.997	0.000	10.2	63.629	OK
S3	33.030	29.447	29.936	0.489	21.8	1.693	0.000	6.4	70.618	OK
S4	33.330	29.432	29.936	0.504	25.5	1.745	0.000	6.0	79.659	OK
S8	33.191	29.345	29.936	0.591	74.2	2.046	0.000	7.8	207.600	OK
S10	33.167	29.227	29.936	0.709	146.1	2.455	0.000	15.2	529.535	OK
S12	33.122	29.071	29.936	0.865	10.4	2.995	0.000	7.5	53.812	OK
S15	32.494	28.835	29.935	1.100	157.9	3.812	0.000	17.8	653.091	Surcharged
S18	32.590	29.785	29.936	0.151	37.8	0.523	0.000	38.0	214.861	OK
S20	32.550	29.316	29.936	0.620	132.5	2.146	0.000	115.6	775.417	OK
S22	32.903	28.997	29.935	0.938	132.0	3.251	0.000	121.8	920.585	OK
S23	32.706	28.673	29.935	1.262	165.1	4.373	0.000	160.6	1136.128	Surcharged
S14	32.910	28.963	29.935	0.972	7.0	3.368	0.000	3.5	24.018	Surcharged
S21	32.521	29.156	29.935	0.779	115.6	2.700	0.000	101.5	763.022	OK
S19	32.549	29.605	29.936	0.331	38.0	1.145	0.000	32.8	212.617	OK
S17	32.771	29.836	29.936	0.100	0.6	0.346	0.000	0.3	1.059	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 360 mins: Winter

Junction	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
S6	35.381	29.476	30.048	0.572	3.5	1.983	0.000	1.9	14.399	OK
S5	34.066	29.391	30.048	0.657	21.0	2.277	0.000	9.5	148.557	OK
S7	32.856	29.284	30.048	0.764	55.1	2.648	0.000	14.5	402.387	OK
S9	32.828	29.162	30.048	0.886	172.2	3.071	0.000	34.1	1167.038	OK
S11	32.827	28.998	30.048	1.050	140.3	3.638	0.000	51.3	1203.627	Surcharged
S13	32.821	28.796	30.048	1.252	117.5	4.338	0.000	39.5	1652.163	Surcharged
S16	32.223	28.527	30.048	1.521	146.9	6.881	0.000	65.0	2523.861	Surcharged
S24	29.200	27.700	27.889	0.189	65.5	0.855	0.000	65.5	2111.351	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.5	2111.351	OK
S1	32.781	29.849	30.048	0.199	8.0	0.691	0.000	8.0	68.932	OK
S2	32.733	29.648	30.048	0.400	12.5	1.387	0.000	7.4	70.764	OK
S3	33.030	29.447	30.048	0.601	10.6	2.084	0.000	5.7	77.495	OK
S4	33.330	29.432	30.048	0.616	12.7	2.135	0.000	5.6	88.901	OK
S8	33.191	29.345	30.048	0.703	59.1	2.437	0.000	8.0	274.972	OK
S10	33.167	29.227	30.048	0.821	132.8	2.846	0.000	15.7	650.466	OK
S12	33.122	29.071	30.048	0.977	7.7	3.386	0.000	6.8	58.201	Surcharged
S15	32.494	28.835	30.048	1.213	114.9	4.203	0.000	13.3	584.667	Surcharged
S18	32.590	29.785	30.048	0.263	27.9	0.912	0.000	27.9	241.279	OK
S20	32.550	29.316	30.048	0.732	96.8	2.537	0.000	93.7	861.876	OK
S22	32.903	28.997	30.048	1.051	115.0	3.642	0.000	111.1	1003.375	Surcharged
S23	32.706	28.673	30.048	1.375	146.9	4.764	0.000	145.5	1238.613	Surcharged
S14	32.910	28.963	30.048	1.085	4.5	3.759	0.000	5.4	22.817	Surcharged
S21	32.521	29.156	30.048	0.892	93.7	3.091	0.000	90.3	839.038	OK
S19	32.549	29.605	30.048	0.443	27.9	1.536	0.000	24.9	238.022	OK
S17	32.771	29.836	30.048	0.212	0.8	0.736	0.000	0.3	2.046	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 480 mins: Summer

Junction	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
S6	35.381	29.476	29.917	0.441	4.0	1.527	0.000	1.2	14.870	OK
S5	34.066	29.391	29.917	0.526	24.2	1.822	0.000	10.0	144.738	OK
S7	32.856	29.284	29.917	0.633	54.1	2.192	0.000	14.1	337.772	OK
S9	32.828	29.162	29.917	0.755	157.3	2.615	0.000	34.9	1028.766	OK
S11	32.827	28.998	29.917	0.919	129.3	3.183	0.000	53.3	1190.640	Surcharged
S13	32.821	28.796	29.917	1.121	125.7	3.882	0.000	45.7	1942.550	Surcharged
S16	32.223	28.527	29.916	1.390	135.9	6.287	0.000	64.9	2920.893	Surcharged
S24	29.200	27.700	27.889	0.189	65.5	0.856	0.000	65.5	2618.533	OK
S25	29.000	27.500	27.673	0.173	65.5	0.000	0.000	65.5	2618.533	OK
S1	32.781	29.849	29.917	0.068	8.9	0.236	0.000	9.1	65.835	OK
S2	32.733	29.648	29.917	0.269	13.2	0.931	0.000	8.4	67.065	OK
S3	33.030	29.447	29.917	0.470	11.7	1.628	0.000	6.1	72.131	OK
S4	33.330	29.432	29.917	0.485	14.3	1.680	0.000	6.0	79.756	OK
S8	33.191	29.345	29.917	0.572	57.6	1.981	0.000	7.8	201.141	OK
S10	33.167	29.227	29.917	0.690	125.9	2.390	0.000	15.4	517.856	OK
S12	33.122	29.071	29.917	0.846	8.5	2.930	0.000	6.0	62.656	OK
S15	32.494	28.835	29.917	1.082	123.6	3.747	0.000	33.5	796.563	Surcharged
S18	32.590	29.785	29.917	0.132	31.0	0.458	0.000	31.1	229.321	OK
S20	32.550	29.316	29.917	0.601	110.9	2.082	0.000	96.5	831.252	OK
S22	32.903	28.997	29.917	0.920	105.8	3.186	0.000	104.6	1037.230	OK
S23	32.706	28.673	29.917	1.244	135.3	4.308	0.000	134.7	1335.271	Surcharged
S14	32.910	28.963	29.917	0.954	5.5	3.304	0.000	2.9	35.668	Surcharged
S21	32.521	29.156	29.917	0.761	96.5	2.636	0.000	84.6	831.001	OK
S19	32.549	29.605	29.917	0.312	31.1	1.081	0.000	29.2	227.344	OK
S17	32.771	29.836	29.917	0.081	0.4	0.282	0.000	0.3	0.820	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 480 mins: Winter

Junction	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
S6	35.381	29.476	30.017	0.541	2.8	1.874	0.000	1.1	16.095	OK
S5	34.066	29.391	30.017	0.626	14.2	2.169	0.000	8.5	157.979	OK
S7	32.856	29.284	30.017	0.733	40.8	2.539	0.000	14.2	411.453	OK
S9	32.828	29.162	30.017	0.855	138.2	2.962	0.000	30.4	1211.122	OK
S11	32.827	28.998	30.017	1.019	112.6	3.530	0.000	43.5	1316.448	Surcharged
S13	32.821	28.796	30.017	1.221	90.8	4.229	0.000	45.7	1991.901	Surcharged
S16	32.223	28.527	30.016	1.490	120.6	6.739	0.000	64.9	3089.778	Surcharged
S24	29.200	27.700	27.889	0.189	65.2	0.854	0.000	65.3	2737.559	OK
S25	29.000	27.500	27.673	0.173	65.3	0.000	0.000	65.3	2737.559	OK
S1	32.781	29.849	30.017	0.168	6.4	0.582	0.000	6.4	73.647	OK
S2	32.733	29.648	30.017	0.369	8.8	1.278	0.000	6.1	74.211	OK
S3	33.030	29.447	30.017	0.570	6.5	1.975	0.000	4.9	80.368	OK
S4	33.330	29.432	30.017	0.585	8.0	2.027	0.000	4.9	90.276	OK
S8	33.191	29.345	30.017	0.672	44.5	2.328	0.000	7.8	264.402	OK
S10	33.167	29.227	30.017	0.790	108.6	2.737	0.000	15.4	643.568	OK
S12	33.122	29.071	30.017	0.946	6.1	3.277	0.000	5.5	68.369	Surcharged
S15	32.494	28.835	30.017	1.182	88.6	4.094	0.000	33.0	771.117	Surcharged
S18	32.590	29.785	30.017	0.232	22.4	0.803	0.000	22.5	257.437	OK
S20	32.550	29.316	30.017	0.701	78.1	2.427	0.000	76.3	930.671	OK
S22	32.903	28.997	30.017	1.020	94.1	3.532	0.000	92.0	1143.054	OK
S23	32.706	28.673	30.017	1.344	120.4	4.654	0.000	119.5	1432.935	Surcharged
S14	32.910	28.963	30.017	1.054	3.9	3.650	0.000	2.6	33.655	Surcharged
S21	32.521	29.156	30.017	0.861	76.3	2.982	0.000	74.6	928.329	OK
S19	32.549	29.605	30.017	0.412	22.5	1.426	0.000	20.8	254.703	OK
S17	32.771	29.836	30.017	0.181	1.1	0.627	0.000	0.3	1.706	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 960 mins: Summer

Junction	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
S6	35.381	29.476	29.847	0.371	2.1	1.284	0.000	0.9	16.033	OK
S5	34.066	29.391	29.847	0.456	7.8	1.579	0.000	7.5	148.669	OK
S7	32.856	29.284	29.847	0.563	21.1	1.949	0.000	9.6	308.531	OK
S9	32.828	29.162	29.847	0.685	87.1	2.372	0.000	26.1	990.690	OK
S11	32.827	28.998	29.847	0.849	70.1	2.940	0.000	38.3	1233.047	OK
S13	32.821	28.796	29.847	1.051	70.3	3.640	0.000	45.6	1987.393	Surcharged
S16	32.223	28.527	29.846	1.319	81.9	5.969	0.000	64.9	3237.286	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.854	0.000	65.3	3085.608	OK
S25	29.000	27.500	27.673	0.173	65.3	0.000	0.000	65.3	3085.608	OK
S1	32.781	29.849	29.896	0.047	5.2	0.162	0.000	5.2	76.800	OK
S2	32.733	29.648	29.847	0.199	5.2	0.689	0.000	5.2	76.999	OK
S3	33.030	29.447	29.847	0.400	5.2	1.385	0.000	4.3	78.024	OK
S4	33.330	29.432	29.847	0.415	4.3	1.437	0.000	4.2	80.612	OK
S8	33.191	29.345	29.847	0.502	24.1	1.738	0.000	4.6	169.986	OK
S10	33.167	29.227	29.847	0.620	75.3	2.147	0.000	15.3	448.617	OK
S12	33.122	29.071	29.847	0.776	5.0	2.687	0.000	3.8	73.357	OK
S15	32.494	28.835	29.847	1.012	68.6	3.504	0.000	33.3	746.904	Surcharged
S18	32.590	29.785	29.866	0.081	18.2	0.279	0.000	18.2	267.468	OK
S20	32.550	29.316	29.847	0.531	66.2	1.838	0.000	60.3	973.079	OK
S22	32.903	28.997	29.846	0.849	68.0	2.942	0.000	63.1	1214.418	OK
S23	32.706	28.673	29.846	1.173	81.4	4.064	0.000	81.2	1563.685	Surcharged
S14	32.910	28.963	29.847	0.884	3.3	3.063	0.000	2.7	39.322	OK
S21	32.521	29.156	29.847	0.691	60.3	2.392	0.000	51.7	972.938	OK
S19	32.549	29.605	29.847	0.242	18.2	0.838	0.000	18.2	266.416	OK
S17	32.771	29.836	29.866	0.030	0.1	0.103	0.000	0.1	0.269	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 960 mins: Winter

Junction	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
S6	35.381	29.476	29.893	0.417	1.4	1.443	0.000	0.8	17.300	OK
S5	34.066	29.391	29.893	0.502	6.2	1.738	0.000	6.0	159.656	OK
S7	32.856	29.284	29.893	0.609	15.8	2.108	0.000	11.6	340.579	OK
S9	32.828	29.162	29.893	0.731	66.2	2.530	0.000	26.7	1088.600	OK
S11	32.827	28.998	29.892	0.894	51.6	3.098	0.000	33.5	1342.356	OK
S13	32.821	28.796	29.893	1.097	47.8	3.798	0.000	45.7	2112.628	Surcharged
S16	32.223	28.527	29.892	1.365	69.7	6.176	0.000	64.9	3593.728	Surcharged
S24	29.200	27.700	27.889	0.189	65.3	0.854	0.000	65.3	3455.988	OK
S25	29.000	27.500	27.673	0.173	65.3	0.000	0.000	65.3	3455.988	OK
S1	32.781	29.849	29.893	0.044	3.8	0.152	0.000	3.8	86.057	OK
S2	32.733	29.648	29.893	0.245	4.0	0.848	0.000	3.8	86.172	OK
S3	33.030	29.447	29.893	0.446	3.8	1.544	0.000	3.4	86.503	OK
S4	33.330	29.432	29.893	0.461	3.4	1.596	0.000	3.4	87.781	OK
S8	33.191	29.345	29.893	0.548	16.7	1.897	0.000	6.9	200.437	OK
S10	33.167	29.227	29.893	0.666	59.6	2.306	0.000	15.4	506.921	OK
S12	33.122	29.071	29.892	0.821	3.6	2.845	0.000	3.2	82.097	OK
S15	32.494	28.835	29.893	1.058	43.4	3.664	0.000	33.2	784.879	Surcharged
S18	32.590	29.785	29.893	0.108	13.1	0.374	0.000	13.2	299.881	OK
S20	32.550	29.316	29.893	0.577	47.9	1.997	0.000	44.4	1089.800	OK
S22	32.903	28.997	29.892	0.895	54.7	3.102	0.000	53.2	1360.147	OK
S23	32.706	28.673	29.892	1.219	69.7	4.224	0.000	69.0	1751.391	Surcharged
S14	32.910	28.963	29.893	0.930	2.2	3.220	0.000	2.7	42.162	Surcharged
S21	32.521	29.156	29.892	0.736	44.4	2.551	0.000	43.3	1089.703	OK
S19	32.549	29.605	29.893	0.288	13.2	0.996	0.000	13.1	298.655	OK
S17	32.771	29.836	29.893	0.057	0.2	0.197	0.000	0.1	0.516	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 30 years: Increase Rainfall (%): +0: 1440 mins: Summer

Junction	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
S6	35.381	29.476	29.773	0.297	1.2	1.030	0.000	0.7	16.673	OK
S5	34.066	29.391	29.773	0.382	6.5	1.324	0.000	6.2	153.008	OK
S7	32.856	29.284	29.773	0.489	9.7	1.695	0.000	8.4	271.456	OK
S9	32.828	29.162	29.773	0.611	44.3	2.117	0.000	22.6	913.745	OK
S11	32.827	28.998	29.773	0.775	37.2	2.685	0.000	33.5	1223.199	OK
S13	32.821	28.796	29.773	0.977	50.8	3.385	0.000	43.0	1972.062	Surcharged
S16	32.223	28.527	29.773	1.246	68.0	5.637	0.000	64.9	3400.980	Surcharged
S24	29.200	27.700	27.889	0.189	65.4	0.854	0.000	65.3	3381.412	OK
S25	29.000	27.500	27.673	0.173	65.3	0.000	0.000	65.3	3381.412	OK
S1	32.781	29.849	29.889	0.040	3.8	0.139	0.000	3.8	84.008	OK
S2	32.733	29.648	29.773	0.125	3.8	0.434	0.000	3.9	84.102	OK
S3	33.030	29.447	29.773	0.326	3.9	1.130	0.000	3.7	83.941	OK
S4	33.330	29.432	29.773	0.341	3.7	1.182	0.000	3.5	84.006	OK
S8	33.191	29.345	29.773	0.428	9.8	1.483	0.000	4.3	133.095	OK
S10	33.167	29.227	29.773	0.546	46.5	1.892	0.000	10.1	366.856	OK
S12	33.122	29.071	29.773	0.702	3.6	2.432	0.000	2.6	80.308	OK
S15	32.494	28.835	29.773	0.938	48.5	3.250	0.000	27.8	681.023	Surcharged
S18	32.590	29.785	29.854	0.069	13.3	0.239	0.000	13.3	292.495	OK
S20	32.550	29.316	29.774	0.458	48.7	1.585	0.000	46.1	1064.992	OK
S22	32.903	28.997	29.773	0.776	52.5	2.689	0.000	43.4	1329.435	OK
S23	32.706	28.673	29.773	1.100	60.8	3.811	0.000	54.5	1711.914	Surcharged
S14	32.910	28.963	29.773	0.810	2.5	2.806	0.000	2.6	41.919	OK
S21	32.521	29.156	29.773	0.617	46.1	2.139	0.000	40.5	1064.999	OK
S19	32.549	29.605	29.774	0.169	13.3	0.585	0.000	13.6	291.797	OK
S17	32.771	29.836	29.854	0.018	0.1	0.063	0.000	0.1	0.111	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 30 years: Increase Rainfall (%): +0: 1440 mins: Winter

Junction	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
S6	35.381	29.476	29.784	0.308	0.9	1.069	0.000	0.5	18.059	OK
S5	34.066	29.391	29.784	0.393	4.9	1.363	0.000	4.8	169.505	OK
S7	32.856	29.284	29.784	0.500	8.8	1.734	0.000	7.9	298.988	OK
S9	32.828	29.162	29.784	0.622	32.6	2.156	0.000	19.5	982.642	OK
S11	32.827	28.998	29.784	0.786	31.2	2.724	0.000	28.7	1322.863	OK
S13	32.821	28.796	29.784	0.988	41.4	3.423	0.000	45.7	2116.047	Surcharged
S16	32.223	28.527	29.784	1.257	66.9	5.688	0.000	65.0	3785.398	Surcharged
S24	29.200	27.700	27.889	0.189	65.3	0.854	0.000	65.4	3787.020	OK
S25	29.000	27.500	27.673	0.173	65.4	0.000	0.000	65.4	3787.020	OK
S1	32.781	29.849	29.884	0.035	2.8	0.120	0.000	2.8	94.029	OK
S2	32.733	29.648	29.785	0.137	2.8	0.473	0.000	2.8	94.098	OK
S3	33.030	29.447	29.785	0.338	2.8	1.169	0.000	2.7	93.997	OK
S4	33.330	29.432	29.785	0.353	2.7	1.221	0.000	2.7	94.080	OK
S8	33.191	29.345	29.785	0.440	10.0	1.522	0.000	4.4	147.952	OK
S10	33.167	29.227	29.784	0.557	34.7	1.931	0.000	9.7	387.860	OK
S12	33.122	29.071	29.784	0.713	2.6	2.471	0.000	2.2	89.961	OK
S15	32.494	28.835	29.785	0.950	30.9	3.291	0.000	34.0	691.247	Surcharged
S18	32.590	29.785	29.844	0.059	9.6	0.205	0.000	9.6	327.551	OK
S20	32.550	29.316	29.785	0.469	35.3	1.623	0.000	33.7	1193.073	OK
S22	32.903	28.997	29.784	0.787	39.2	2.728	0.000	35.9	1489.031	OK
S23	32.706	28.673	29.784	1.111	47.4	3.850	0.000	46.5	1917.480	Surcharged
S14	32.910	28.963	29.784	0.821	2.3	2.845	0.000	2.8	45.053	OK
S21	32.521	29.156	29.785	0.629	33.7	2.177	0.000	30.7	1193.000	OK
S19	32.549	29.605	29.785	0.180	9.6	0.623	0.000	9.9	327.051	OK
S17	32.771	29.836	29.844	0.008	0.0	0.028	0.000	0.0	0.046	OK

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 100 years: Increase Rainfall (%): +40: 15 mins: Summer

Junction	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
S6	35.381	29.476	30.783	1.307	198.6	4.528	0.000	37.8	19.902	Surcharged
S5	34.066	29.391	30.787	1.396	930.6	4.837	0.000	398.3	312.051	Surcharged
S7	32.856	29.284	30.771	1.487	1285.5	5.152	0.000	256.5	445.627	Surcharged
S9	32.828	29.162	30.775	1.613	1363.7	5.588	0.000	96.2	523.619	Surcharged
S11	32.827	28.998	30.849	1.851	912.7	6.412	0.000	123.6	339.645	Surcharged
S13	32.821	28.796	30.838	2.042	614.5	7.073	0.000	165.8	561.618	Surcharged
S16	32.223	28.527	30.891	2.365	970.3	10.698	0.000	68.3	682.348	Surcharged
S24	29.200	27.700	27.910	0.210	80.9	0.948	0.000	76.0	93.830	OK
S25	29.000	27.500	27.691	0.191	76.0	0.000	0.000	76.0	93.830	OK
S1	32.781	29.849	30.834	0.985	97.7	3.410	0.000	121.1	71.474	Surcharged
S2	32.733	29.648	30.826	1.178	121.1	4.082	0.000	225.6	128.306	Surcharged
S3	33.030	29.447	30.803	1.356	225.6	4.697	0.000	271.7	189.167	Surcharged
S4	33.330	29.432	30.797	1.365	271.7	4.727	0.000	306.0	229.153	Surcharged
S8	33.191	29.345	30.752	1.407	460.8	4.875	0.000	171.1	240.455	Surcharged
S10	33.167	29.227	30.771	1.544	280.4	5.348	0.000	94.7	284.912	Surcharged
S12	33.122	29.071	30.922	1.851	93.5	6.413	0.000	68.7	33.302	Surcharged
S15	32.494	28.835	30.807	1.972	690.4	6.832	0.000	6.9	403.136	Surcharged
S18	32.590	29.785	31.171	1.386	340.5	4.801	0.000	200.1	192.848	Surcharged
S20	32.550	29.316	31.103	1.787	1168.9	6.190	0.000	556.7	562.525	Surcharged
S22	32.903	28.997	31.236	2.239	707.3	7.757	0.000	794.7	535.707	Surcharged
S23	32.706	28.673	30.960	2.287	896.0	7.923	0.000	966.3	619.735	Surcharged
S14	32.910	28.963	30.808	1.845	50.8	6.390	0.000	50.9	22.254	Surcharged
S21	32.521	29.156	31.098	1.942	556.7	6.727	0.000	637.5	484.700	Surcharged
S19	32.549	29.605	31.147	1.542	1297.7	5.340	0.000	270.0	211.127	Surcharged
S17	32.771	29.836	31.177	1.341	17.9	4.644	0.000	54.3	18.493	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 100 years: Increase Rainfall (%): +40: 15 mins: Winter

Junction	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
S6	35.381	29.476	30.958	1.482	309.6	5.133	0.000	36.0	20.043	Surcharged
S5	34.066	29.391	30.958	1.567	1354.9	5.428	0.000	338.2	307.275	Surcharged
S7	32.856	29.284	30.941	1.657	1396.7	5.740	0.000	329.6	472.573	Surcharged
S9	32.828	29.162	30.946	1.784	1335.5	6.179	0.000	123.7	609.279	Surcharged
S11	32.827	28.998	31.028	2.030	849.2	7.030	0.000	169.2	399.472	Surcharged
S13	32.821	28.796	31.154	2.358	927.1	8.169	0.000	171.0	596.243	Surcharged
S16	32.223	28.527	31.169	2.643	1517.8	11.955	0.000	71.1	752.495	Surcharged
S24	29.200	27.700	27.918	0.218	85.4	0.986	0.000	78.2	97.648	OK
S25	29.000	27.500	27.695	0.195	78.2	0.000	0.000	78.2	97.648	OK
S1	32.781	29.849	30.986	1.137	103.0	3.938	0.000	108.2	73.916	Surcharged
S2	32.733	29.648	30.985	1.337	108.2	4.630	0.000	181.9	125.134	Surcharged
S3	33.030	29.447	30.968	1.521	639.2	5.270	0.000	221.0	186.441	Surcharged
S4	33.330	29.432	30.967	1.535	741.9	5.317	0.000	250.7	225.183	Surcharged
S8	33.191	29.345	30.901	1.556	613.7	5.389	0.000	210.7	279.560	Surcharged
S10	33.167	29.227	30.938	1.711	351.8	5.925	0.000	136.1	342.780	Surcharged
S12	33.122	29.071	30.983	1.912	114.2	6.623	0.000	67.1	37.747	Surcharged
S15	32.494	28.835	31.151	2.316	892.3	8.024	0.000	8.9	406.373	Surcharged
S18	32.590	29.785	31.915	2.130	1103.1	7.377	0.000	598.2	211.764	Surcharged
S20	32.550	29.316	31.685	2.369	948.0	8.205	0.000	972.0	614.509	Surcharged
S22	32.903	28.997	31.739	2.742	1236.5	9.498	0.000	1354.8	583.536	Surcharged
S23	32.706	28.673	31.418	2.745	1486.4	9.508	0.000	1512.6	689.057	Surcharged
S14	32.910	28.963	31.050	2.087	69.8	7.229	0.000	52.2	24.726	Surcharged
S21	32.521	29.156	31.786	2.630	972.0	9.109	0.000	1145.9	525.020	Surcharged
S19	32.549	29.605	31.707	2.102	1022.6	7.282	0.000	564.1	226.606	Surcharged
S17	32.771	29.836	31.983	2.147	444.4	7.436	0.000	280.9	18.324	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 100 years: Increase Rainfall (%): +40: 30 mins: Summer

Junction	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
S6	35.381	29.476	31.644	2.168	62.1	7.509	0.000	24.0	16.375	Surcharged
S5	34.066	29.391	31.641	2.250	341.3	7.796	0.000	275.3	279.023	Surcharged
S7	32.856	29.284	31.608	2.324	642.4	8.051	0.000	150.0	465.958	Surcharged
S9	32.828	29.162	31.616	2.454	825.6	8.500	0.000	113.9	760.300	Surcharged
S11	32.827	28.998	31.638	2.640	591.1	9.143	0.000	142.3	532.293	Surcharged
S13	32.821	28.796	31.628	2.832	684.1	9.808	0.000	83.5	687.992	Surcharged
S16	32.223	28.527	31.660	3.134	1160.8	14.177	0.000	71.1	938.780	Surcharged
S24	29.200	27.700	27.922	0.222	81.5	1.005	0.000	81.5	197.576	OK
S25	29.000	27.500	27.701	0.201	81.5	0.000	0.000	81.5	197.576	OK
S1	32.781	29.849	31.672	1.823	64.9	6.313	0.000	100.8	74.827	Surcharged
S2	32.733	29.648	31.682	2.034	100.8	7.044	0.000	176.5	121.031	Surcharged
S3	33.030	29.447	31.630	2.183	176.5	7.560	0.000	204.4	174.465	Surcharged
S4	33.330	29.432	31.659	2.227	204.4	7.714	0.000	212.3	217.534	Surcharged
S8	33.191	29.345	31.578	2.233	538.3	7.734	0.000	78.4	298.154	Surcharged
S10	33.167	29.227	31.600	2.373	401.9	8.219	0.000	28.1	464.411	Surcharged
S12	33.122	29.071	31.642	2.571	62.5	8.905	0.000	63.7	41.614	Surcharged
S15	32.494	28.835	31.570	2.735	818.8	9.474	0.000	10.6	407.007	Surcharged
S18	32.590	29.785	32.023	2.238	226.1	7.751	0.000	208.2	222.834	Surcharged
S20	32.550	29.316	32.052	2.736	685.1	9.477	0.000	655.8	672.927	Surcharged
S22	32.903	28.997	31.966	2.969	841.8	10.285	0.000	835.1	668.656	Surcharged
S23	32.706	28.673	31.807	3.134	1131.6	10.856	0.000	1149.1	823.806	Surcharged
S14	32.910	28.963	31.563	2.600	57.1	9.005	0.000	60.2	23.255	Surcharged
S21	32.521	29.156	32.014	2.858	655.8	9.899	0.000	637.5	577.648	Surcharged
S19	32.549	29.605	32.036	2.431	229.1	8.422	0.000	244.0	217.550	Surcharged
S17	32.771	29.836	32.019	2.183	47.0	7.563	0.000	27.1	15.764	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 100 years: Increase Rainfall (%): +40: 30 mins: Winter

Junction	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
S6	35.381	29.476	31.500	2.024	133.3	7.010	0.000	30.4	15.837	Surcharged
S5	34.066	29.391	31.495	2.104	712.5	7.288	0.000	250.3	271.523	Surcharged
S7	32.856	29.284	31.482	2.198	790.2	7.612	0.000	155.0	512.393	Surcharged
S9	32.828	29.162	31.505	2.343	843.4	8.116	0.000	135.0	890.018	Surcharged
S11	32.827	28.998	31.559	2.561	562.6	8.871	0.000	132.0	620.805	Surcharged
S13	32.821	28.796	31.610	2.814	917.4	9.746	0.000	95.6	742.467	Surcharged
S16	32.223	28.527	31.704	3.178	1420.4	14.376	0.000	71.1	1068.649	Surcharged
S24	29.200	27.700	27.923	0.223	82.0	1.010	0.000	82.0	205.253	OK
S25	29.000	27.500	27.702	0.202	82.0	0.000	0.000	82.0	205.253	OK
S1	32.781	29.849	31.538	1.689	68.2	5.852	0.000	83.5	77.531	Surcharged
S2	32.733	29.648	31.522	1.874	83.5	6.492	0.000	105.2	116.143	Surcharged
S3	33.030	29.447	31.496	2.049	267.7	7.099	0.000	103.6	166.357	Surcharged
S4	33.330	29.432	31.507	2.075	352.0	7.189	0.000	143.1	202.495	Surcharged
S8	33.191	29.345	31.435	2.090	617.7	7.240	0.000	83.4	335.460	Surcharged
S10	33.167	29.227	31.487	2.260	458.9	7.828	0.000	36.2	545.306	Surcharged
S12	33.122	29.071	31.559	2.488	65.3	8.619	0.000	78.5	47.840	Surcharged
S15	32.494	28.835	31.514	2.679	1045.5	9.279	0.000	35.2	415.052	Surcharged
S18	32.590	29.785	32.465	2.680	248.9	9.284	0.000	259.9	237.842	Flood Risk
S20	32.550	29.316	32.428	3.112	893.5	10.781	0.000	891.1	745.128	Flood Risk
S22	32.903	28.997	32.224	3.227	1100.2	11.180	0.000	1094.2	758.157	Surcharged
S23	32.706	28.673	31.936	3.263	1405.9	11.304	0.000	1408.0	944.159	Surcharged
S14	32.910	28.963	31.515	2.552	34.9	8.839	0.000	54.4	25.518	Surcharged
S21	32.521	29.156	32.332	3.176	891.1	11.001	0.000	885.6	647.689	Flood Risk
S19	32.549	29.605	32.450	2.845	571.3	9.857	0.000	265.3	228.495	Flood Risk
S17	32.771	29.836	32.465	2.629	43.4	9.106	0.000	35.6	14.631	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 100 years: Increase Rainfall (%): +40: 60 mins: Summer

Junction	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
S6	35.381	29.476	30.787	1.311	40.0	4.541	0.000	12.5	14.860	Surcharged
S5	34.066	29.391	30.766	1.375	443.5	4.763	0.000	171.7	276.822	Surcharged
S7	32.856	29.284	30.780	1.496	484.6	5.181	0.000	150.7	559.391	Surcharged
S9	32.828	29.162	30.799	1.637	599.3	5.670	0.000	66.3	981.939	Surcharged
S11	32.827	28.998	30.835	1.837	479.0	6.364	0.000	100.3	713.779	Surcharged
S13	32.821	28.796	30.863	2.067	762.6	7.160	0.000	147.1	841.113	Surcharged
S16	32.223	28.527	30.910	2.384	1105.1	10.784	0.000	68.5	1327.896	Surcharged
S24	29.200	27.700	27.912	0.212	77.6	0.961	0.000	76.8	415.356	OK
S25	29.000	27.500	27.692	0.192	76.8	0.000	0.000	76.8	415.356	OK
S1	32.781	29.849	30.786	0.937	71.1	3.245	0.000	74.6	83.282	Surcharged
S2	32.733	29.648	30.781	1.133	210.5	3.924	0.000	98.4	126.271	Surcharged
S3	33.030	29.447	30.784	1.337	307.7	4.631	0.000	106.3	180.419	Surcharged
S4	33.330	29.432	30.776	1.344	336.2	4.654	0.000	112.8	219.067	Surcharged
S8	33.191	29.345	30.753	1.408	470.2	4.878	0.000	78.7	361.085	Surcharged
S10	33.167	29.227	30.783	1.556	479.6	5.390	0.000	15.3	537.755	Surcharged
S12	33.122	29.071	30.836	1.765	54.2	6.114	0.000	55.8	55.690	Surcharged
S15	32.494	28.835	30.807	1.972	838.8	6.832	0.000	50.6	439.436	Surcharged
S18	32.590	29.785	31.317	1.532	263.4	5.308	0.000	168.9	253.723	Surcharged
S20	32.550	29.316	31.294	1.978	678.5	6.853	0.000	669.7	834.091	Surcharged
S22	32.903	28.997	31.185	2.188	841.6	7.579	0.000	837.2	877.594	Surcharged
S23	32.706	28.673	31.038	2.365	1096.0	8.193	0.000	1094.9	1104.790	Surcharged
S14	32.910	28.963	30.806	1.843	26.7	6.383	0.000	27.3	27.816	Surcharged
S21	32.521	29.156	31.240	2.084	669.7	7.220	0.000	663.3	743.603	Surcharged
S19	32.549	29.605	31.307	1.702	239.5	5.895	0.000	156.8	234.164	Surcharged
S17	32.771	29.836	31.318	1.482	67.7	5.133	0.000	13.1	13.600	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022		
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:	
		Approved By:		
		Company Address: EQT Exeter		



FSR: 100 years: Increase Rainfall (%): +40: 60 mins: Winter

Junction	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
S6	35.381	29.476	31.221	1.745	37.8	6.044	0.000	28.5	15.655	Surcharged
S5	34.066	29.391	31.195	1.804	224.0	6.249	0.000	218.9	238.704	Surcharged
S7	32.856	29.284	31.184	1.900	659.2	6.581	0.000	174.1	480.970	Surcharged
S9	32.828	29.162	31.106	1.944	999.9	6.733	0.000	103.7	968.923	Surcharged
S11	32.827	28.998	31.096	2.098	747.0	7.266	0.000	135.3	725.980	Surcharged
S13	32.821	28.796	31.056	2.260	615.2	7.829	0.000	271.4	876.535	Surcharged
S16	32.223	28.527	31.092	2.566	821.0	11.607	0.000	71.1	1592.999	Surcharged
S24	29.200	27.700	27.911	0.211	79.5	0.956	0.000	76.4	440.422	OK
S25	29.000	27.500	27.692	0.192	76.4	0.000	0.000	76.4	440.422	OK
S1	32.781	29.849	31.102	1.253	51.0	4.342	0.000	76.0	72.056	Surcharged
S2	32.733	29.648	31.122	1.474	120.8	5.105	0.000	105.0	89.295	Surcharged
S3	33.030	29.447	31.179	1.732	173.5	5.998	0.000	131.2	139.317	Surcharged
S4	33.330	29.432	31.182	1.750	187.1	6.062	0.000	154.3	174.377	Surcharged
S8	33.191	29.345	31.210	1.865	585.5	6.459	0.000	23.1	297.012	Surcharged
S10	33.167	29.227	31.022	1.795	755.0	6.217	0.000	13.3	544.778	Surcharged
S12	33.122	29.071	31.094	2.023	48.8	7.008	0.000	86.7	63.481	Surcharged
S15	32.494	28.835	31.048	2.213	665.3	7.667	0.000	66.1	445.826	Surcharged
S18	32.590	29.785	31.151	1.366	177.8	4.732	0.000	95.9	261.266	Surcharged
S20	32.550	29.316	31.284	1.968	473.0	6.816	0.000	438.8	897.261	Surcharged
S22	32.903	28.997	31.282	2.285	580.2	7.916	0.000	564.1	971.737	Surcharged
S23	32.706	28.673	31.205	2.532	797.2	8.772	0.000	811.7	1236.110	Surcharged
S14	32.910	28.963	31.070	2.107	26.7	7.299	0.000	30.2	30.701	Surcharged
S21	32.521	29.156	31.293	2.137	438.8	7.401	0.000	419.7	813.650	Surcharged
S19	32.549	29.605	31.209	1.604	95.9	5.555	0.000	91.3	219.817	Surcharged
S17	32.771	29.836	31.151	1.315	51.3	4.554	0.000	7.1	9.062	Surcharged

Project: Deacon Business Park Moorgate Road Knowsley		Date: 07/12/2022			
Report Details: Type: Junctions Summary Storm Phase: Phase		Designed by: luke.roberts	Checked by:		Approved By:
		Company Address: EQT Exeter			



FSR: 100 years: Increase Rainfall (%): +40: 120 mins: Summer

Junction	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
S6	35.381	29.476	30.921	1.445	20.2	5.006	0.000	28.0	15.469	Surcharged
S5	34.066	29.391	30.921	1.530	170.6	5.301	0.000	130.0	250.049	Surcharged
S7	32.856	29.284	30.921	1.637	517.1	5.671	0.000	62.0	486.376	Surcharged
S9	32.828	29.162	30.921	1.759	765.8	6.093	0.000	49.8	1048.841	Surcharged
S11	32.827	28.998	30.920	1.922	597.3	6.659	0.000	95.4	923.183	Surcharged
S13	32.821	28.796	30.919	2.123	412.7	7.356	0.000	140.4	1101.609	Surcharged
S16	32.223	28.527	30.918	2.391	809.7	10.819	0.000	68.6	2087.803	Surcharged
S24	29.200	27.700	27.906	0.206	74.1	0.932	0.000	73.8	874.760	OK
S25	29.000	27.500	27.687	0.187	73.8	0.000	0.000	73.9	874.760	OK
S1	32.781	29.849	30.921	1.072	58.2	3.715	0.000	62.6	85.528	Surcharged
S2	32.733	29.648	30.921	1.273	193.1	4.411	0.000	60.8	104.807	Surcharged
S3	33.030	29.447	30.921	1.474	170.1	5.107	0.000	71.6	152.276	Surcharged
S4	33.330	29.432	30.921	1.489	156.0	5.159	0.000	79.4	185.754	Surcharged
S8	33.191	29.345	30.921	1.576	559.8	5.460	0.000	92.9	303.594	Surcharged
S10	33.167	29.227	30.921	1.694	563.1	5.868	0.000	34.2	558.224	Surcharged
S12	33.122	29.071	30.920	1.849	43.7	6.406	0.000	28.4	69.547	Surcharged
S15	32.494	28.835	30.919	2.084	364.5	7.221	0.000	88.8	459.709	Surcharged
S18	32.590	29.785	31.067	1.282	142.4	4.442	0.000	122.3	294.422	Surcharged
S20	32.550	29.316	31.029	1.713	491.7	5.934	0.000	489.9	988.688	Surcharged
S22	32.903	28.997	30.971	1.974	619.2	6.837	0.000	619.8	1084.941	Surcharged
S23	32.706	28.673	30.919	2.246	806.6	7.779	0.000	802.3	1381.173	Surcharged
S14	32.910	28.963	30.919	1.956	19.3	6.777	0.000	152.0	31.044	Surcharged
S21	32.521	29.156	30.998	1.842	489.9	6.379	0.000	490.6	904.504	Surcharged
S19	32.549	29.605	31.047	1.442	122.3	4.996	0.000	125.7	255.260	Surcharged
S17	32.771	29.836	31.070	1.234	24.9	4.274	0.000	6.4	9.748	Surcharged