

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Manhole Schedule Foul Phase: Main Foul Sewer	Ridge:		



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
MH32	28.282 26.982	Diameter / Length: 1.200					Manhole - Access not Required
E:449017.560 N:116161.284	1.300		{a} 1.036	Pipe	26.982	Diam/Width:100	Not Applicable
MH34	28.169 26.869	Diameter / Length: 1.200					Manhole - Access not Required
E:449043.924 N:116196.582	1.300		{a} 1.037	Pipe	26.869	Diam/Width:150	Not Applicable
MH19	27.340 26.040	Diameter / Length: 1.200					Manhole - Access not Required
E:448967.067 N:116089.261	1.300		{a} 1.023	Pipe	26.040	Diam/Width:100	Not Applicable
MH20	27.031 25.731	Diameter / Length: 1.200	{1} 1.023	Pipe	25.731	Diam/Width:100	Manhole - Access not Required
E:448951.958 N:116083.492	1.300		{a} 1.024	Pipe	25.731	Diam/Width:100	Not Applicable
MH30	26.997 25.697	Diameter / Length: 1.200					Manhole - Access not Required
E:448984.394 N:116119.205	1.300		{a} 1.035	Pipe	25.697	Diam/Width:150	Not Applicable

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			Outgoing Connections				Cover
MH21	26.903 25.512	Diameter / Length: 1.200	{1} 1.024	Pipe	25.512	Diam/Width:100	Manhole - Access not Required
E:448935.202 N:116078.487	1.391		{a} 1.025	Pipe	25.603	Diam/Width:100	Not Applicable
MH35	26.581 25.281	Diameter / Length: 1.200	{1} 1.037	Pipe	25.281	Diam/Width:150	Manhole - Access not Required
E:448990.193 N:116227.464	1.300		{a} 1.029 (1) (1) (1)	Pipe	25.281	Diam/Width:150	Not Applicable
MH17	26.568 24.768	Diameter / Length: 1.200					Manhole - Access not Required
E:448890.422 N:116079.250	1.800		{a} 1.021	Pipe	24.768	Diam/Width:150	Not Applicable
MH114	26.477 25.177	Diameter / Length: 1.200					Manhole - Access not Required
E:448983.722 N:116216.315	1.300		{a} 1.114	Pipe	25.177	Diam/Width:100	Not Applicable
MH22	26.318 25.018	Diameter / Length: 1.200	{1} 1.025	Pipe	25.018	Diam/Width:100	Manhole - Access not Required
E:448929.111 N:116100.255	1.300		{a} 1.026	Pipe	25.018	Diam/Width:100	Not Applicable

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MH26	26.254 24.954	Diameter / Length: 1.200	{1} 1.029 (1) (1)	Pipe	24.954	Diam/Width:150	Manhole - Access not Required
E:448997.513 N:116240.197	1.300						
			{a} 1.030	Pipe	24.954	Diam/Width:150	Not Applicable
MH33	26.189 24.742	Diameter / Length: 1.200	{1} 1.036	Pipe	24.889	Diam/Width:100	Manhole - Access not Required
E:448968.417 N:116189.581	1.447		{2} 1.114	Pipe	24.792	Diam/Width:100	
			{a} 1.029(1)	Pipe	24.742	Diam/Width:150	Not Applicable
MH27	26.178 24.878	Diameter / Length: 1.200	{1} 1.030	Pipe	24.878	Diam/Width:150	Manhole - Access not Required
E:448998.493 N:116244.261	1.300						
			{a} 1.031	Pipe	24.878	Diam/Width:150	Not Applicable
MH28	26.089 24.789	Diameter / Length: 1.200	{1} 1.031	Pipe	24.789	Diam/Width:150	Manhole - Access not Required
E:448998.392 N:116248.176	1.300						
			{a} 1.032	Pipe	24.789	Diam/Width:150	Not Applicable
MH23	26.061 24.761	Diameter / Length: 1.200	{1} 1.026	Pipe	24.761	Diam/Width:100	Manhole - Access not Required
E:448928.504 N:116112.520	1.300						
			{a} 1.027	Pipe	24.761	Diam/Width:100	Not Applicable

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			Outgoing Connections				Cover
MH24	25.909 24.609	Diameter / Length: 1.200	{1} 1.027	Pipe	24.609	Diam/Width:100	Manhole - Access not Required
E:448930.283 N:116121.334	1.300		{a} 1.028	Pipe	24.609	Diam/Width:100	Not Applicable
MH29	25.906 24.606	Diameter / Length: 1.200	{1} 1.032	Pipe	24.606	Diam/Width:150	Manhole - Access not Required
E:448993.074 N:116253.801	1.300		{a} 1.033	Pipe	24.606	Diam/Width:150	Not Applicable
MH68	25.855 24.555	Diameter / Length: 1.200					Manhole - Access not Required
E:449061.362 N:116250.506	1.300		{a} 1.071	Pipe	24.555	Diam/Width:100	Not Applicable
MH25	25.757 24.457	Diameter / Length: 1.200	{1} 1.028	Pipe	24.457	Diam/Width:100	Manhole - Access not Required
E:448933.852 N:116129.451	1.300		{a} 1.029	Pipe	24.457	Diam/Width:100	Not Applicable
MH69	25.650 24.300	Diameter / Length: 1.200	{1} 1.071	Pipe	24.350	Diam/Width:100	Manhole - Access not Required
E:449047.816 N:116258.474	1.350		{a} 1.072	Pipe	24.300	Diam/Width:150	Not Applicable

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			Outgoing Connections				Cover
MH54	25.605 24.405	Diameter / Length: 1.200					Manhole - Access not Required
E:449002.505 N:116263.773	1.200						
			{a} 1.057	Pipe	24.405	Diam/Width:100	Not Applicable
MH70	25.582 24.262	Diameter / Length: 1.200	{1} 1.072	Pipe	24.262	Diam/Width:150	Manhole - Access not Required
E:449046.122 N:116260.982	1.320						
			{a} 1.073	Pipe	24.262	Diam/Width:150	Not Applicable
MH71	25.474 24.274	Diameter / Length: 1.200					Manhole - Access not Required
E:449138.675 N:116336.519	1.200						
			{a} 1.074	Pipe	24.274	Diam/Width:100	Not Applicable
MH31	25.330 24.030	Diameter / Length: 1.200	{1} 1.029	Pipe	24.030	Diam/Width:100	Manhole - Access not Required
E:448941.980 N:116143.591	1.300		{2} 1.029(1)	Pipe	24.030	Diam/Width:150	
			{3} 1.035	Pipe	24.030	Diam/Width:150	
			{a} 1.116	Pipe	24.030	Diam/Width:150	Not Applicable

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			Outgoing Connections				Cover
MH05	25.206 22.766	Diameter / Length: 1.200	{1} 1.011 (1)	Pipe	22.816	Diam/Width:100	Manhole - Access not Required
E:448948.170 N:116224.623	2.440						
			{a} 1.011 (1) (1)	Pipe	22.766	Diam/Width:150	Not Applicable
MH55	25.140 23.763	Diameter / Length: 1.200	{1} 1.057	Pipe	23.813	Diam/Width:100	Manhole - Access not Required
E:449013.293 N:116279.856	1.377		{2} 1.073	Pipe	23.813	Diam/Width:150	
			{a} 1.058	Pipe	23.763	Diam/Width:150	Not Applicable
MH72	25.133 23.536	Diameter / Length: 1.200	{1} 1.074	Pipe	23.586	Diam/Width:100	Manhole - Access not Required
E:449113.284 N:116287.672	1.597						
			{a} 1.075	Pipe	23.536	Diam/Width:150	Not Applicable
MH06	25.123 22.220	Diameter / Length: 1.200	{1} 1.033	Pipe	23.720	Diam/Width:150	Manhole - Access not Required
E:448971.534 N:116266.200	2.903		{2} 1.011 (1) (1)	Pipe	22.220	Diam/Width:150	
			{a} 1.012	Pipe	22.220	Diam/Width:150	Not Applicable
MH18	25.052 23.752	Diameter / Length: 1.200	{1} 1.021	Pipe	23.752	Diam/Width:150	Manhole - Access not Required
E:448908.410 N:116133.735	1.300						
			{a} 1.022	Pipe	23.752	Diam/Width:150	Not Applicable

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MH07	25.004 22.181	Diameter / Length: 1.200	{1} 1.012	Pipe	22.181	Diam/Width:150	Manhole - Access not Required
E:448969.401 N:116268.688	2.823		{a} 1.013	Pipe	22.181	Diam/Width:150	Not Applicable
MH75	24.956 23.656	Diameter / Length: 1.200					Manhole - Access not Required
E:449140.130 N:116371.786	1.300		{a} 1.078	Pipe	23.656	Diam/Width:100	Not Applicable
MH56	24.741 23.441	Diameter / Length: 1.200	{1} 1.058	Pipe	23.441	Diam/Width:150	Manhole - Access not Required
E:449019.419 N:116292.007	1.300		{a} 1.059	Pipe	23.441	Diam/Width:150	Not Applicable
MH04	24.712 23.412	Diameter / Length: 1.200					Manhole - Access not Required
E:448924.794 N:116183.023	1.300		{a} 1.011 (1)	Pipe	23.412	Diam/Width:100	Not Applicable
MH43	24.606 21.206	Diameter / Length: 1.200	{1} 1.013	Pipe	22.034	Diam/Width:150	Manhole - Access not Required
E:448964.901 N:116280.341	3.400		{2} 1.044	Pipe	21.206	Diam/Width:150	
			{a} 1.013 (1)	Pipe	21.206	Diam/Width:150	Not Applicable

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MH116	24.578 23.278	Diameter / Length: 1.200	{1} 1.116	Pipe	23.278	Diam/Width:150	Manhole - Access not Required
E:448924.262	1.300						
N:116153.846			{a} 1.117	Pipe	23.278	Diam/Width:150	Not Applicable
MH74	24.441 23.141	Diameter / Length: 1.200					Manhole - Access not Required
E:449112.939	1.300						
N:116352.538			{a} 1.077	Pipe	23.141	Diam/Width:100	Not Applicable
MH36	24.349 23.049	Diameter / Length: 1.200					Manhole - Access not Required
E:448893.091	1.300						
N:116183.324			{a} 1.038	Pipe	23.049	Diam/Width:100	Not Applicable
MH115	24.307 23.007	Diameter / Length: 1.200	{1} 1.117	Pipe	23.007	Diam/Width:150	Manhole - Access not Required
E:448909.770	1.300						
N:116156.799			{a} 1.011	Pipe	23.007	Diam/Width:150	Not Applicable
MH73	24.280 22.980	Diameter / Length: 1.200	{1} 1.075	Pipe	22.980	Diam/Width:150	Manhole - Access not Required
E:449077.911	1.300						
N:116307.831			{a} 1.076	Pipe	22.980	Diam/Width:150	Not Applicable

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			Outgoing Connections				Cover
MH57	24.254 22.954	Diameter / Length: 1.200	{1} 1.059	Pipe	22.954	Diam/Width:150	Manhole - Access not Required
E:449025.693 N:116308.476	1.300		{a} 1.060	Pipe	22.954	Diam/Width:150	Not Applicable
MH37	24.141 22.790	Diameter / Length: 1.200	{1} 1.038	Pipe	22.790	Diam/Width:100	Manhole - Access not Required
E:448875.104 N:116193.557	1.350		{a} 1.039	Pipe	22.790	Diam/Width:100	Not Applicable
MH42	24.101 21.677	Diameter / Length: 1.200	{1} 1.043	Pipe	21.677	Diam/Width:150	Manhole - Access not Required
E:448919.471 N:116267.543	2.424		{a} 1.044	Pipe	21.677	Diam/Width:150	Not Applicable
MH03	24.061 22.761	Diameter / Length: 1.200	{1} 1.022	Pipe	22.761	Diam/Width:150	Manhole - Access not Required
E:448900.926 N:116141.361	1.300		{2} 1.011	Pipe	22.761	Diam/Width:150	
			{a} 1.010	Pipe	22.761	Diam/Width:150	Not Applicable
MH39	24.007 22.206	Diameter / Length: 1.200	{1} 1.040	Pipe	22.206	Diam/Width:100	Manhole - Access not Required
E:448885.478 N:116238.920	1.801		{a} 1.041	Pipe	22.206	Diam/Width:100	Not Applicable

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MH02	23.981 22.672	Diameter / Length: 1.200	{1} 1.010	Pipe	22.672	Diam/Width:150	Manhole - Access not Required
E:448894.887 N:116136.983	1.310		{a} 1.009	Pipe	22.672	Diam/Width:150	Not Applicable
MH38	23.932 22.395	Diameter / Length: 1.200	{1} 1.039	Pipe	22.395	Diam/Width:100	Manhole - Access not Required
E:448879.991 N:116224.804	1.537		{a} 1.040	Pipe	22.395	Diam/Width:100	Not Applicable
MH41	23.930 21.778	Diameter / Length: 1.200	{1} 1.042	Pipe	21.778	Diam/Width:150	Manhole - Access not Required
E:448905.857 N:116260.971	2.152		{a} 1.043	Pipe	21.778	Diam/Width:150	Not Applicable
MH40	23.872 21.967	Diameter / Length: 1.200	{1} 1.041	Pipe	22.017	Diam/Width:100	Manhole - Access not Required
E:448894.291 N:116251.237	1.905		{a} 1.042	Pipe	21.967	Diam/Width:150	Not Applicable
MH58	23.858 22.558	Diameter / Length: 1.200	{1} 1.060	Pipe	22.558	Diam/Width:150	Manhole - Access not Required
E:449033.689 N:116320.504	1.300		{a} 1.061	Pipe	22.558	Diam/Width:150	Not Applicable

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MH76	23.830 22.480	Diameter / Length: 1.200	{1} 1.078	Pipe	22.530	Diam/Width:100	Manhole - Access not Required
E:449106.595 N:116386.030	1.350		{a} 1.079	Pipe	22.480	Diam/Width:150	Not Applicable
MH08	23.737 20.791	Diameter / Length: 1.200	{1} 1.013 (1)	Pipe	20.791	Diam/Width:150	Manhole - Access not Required
E:448952.203 N:116313.216	2.946		{a} Pipe (5)	Pipe	20.791	Diam/Width:150	Not Applicable
MH51	23.718 20.652	Diameter / Length: 1.200	{1} Pipe (1)	Pipe	21.302	Diam/Width:150	Manhole - Access not Required
E:448940.702 N:116316.023	3.066		{2} Pipe (5)	Pipe	20.652	Diam/Width:150	Not Applicable
MH48	23.703 20.892	Diameter / Length: 1.200	{1} 1.047	Pipe	20.892	Diam/Width:150	Manhole - Access not Required
E:448846.823 N:116280.193	2.811		{a} 1.048	Pipe	20.892	Diam/Width:150	Not Applicable
MH59	23.592 22.292	Diameter / Length: 1.200	{1} 1.061	Pipe	22.292	Diam/Width:150	Manhole - Access not Required
E:449038.887 N:116330.071	1.300		{2} 1.076	Pipe	22.292	Diam/Width:150	Not Applicable
			{a} 1.062	Pipe	22.292	Diam/Width:150	Not Applicable

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MH49	23.494 20.071	Diameter / Length: 1.200	{1} 1.048	Pipe	20.787	Diam/Width:150	Manhole - Access not Required
E:448853.320 N:116291.764	3.423		{2} Pipe (3)	Pipe	20.071	Diam/Width:150	
			{a} Pipe (4)	Pipe	20.071	Diam/Width:150	Not Applicable
MH09	23.419 21.485	Diameter / Length: 1.200	{1} Pipe	Pipe	21.485	Diam/Width:150	Manhole - Access not Required
E:448952.857 N:116324.048	1.934		{a} Pipe (1)	Pipe	21.485	Diam/Width:150	Not Applicable
MH52	23.359 22.059	Diameter / Length: 1.200					Manhole - Access not Required
E:448997.320 N:116343.557	1.300		{a} 1.051	Pipe	22.059	Diam/Width:100	Not Applicable
MH50	23.340 20.360	Diameter / Length: 1.200	{1} Pipe (2)	Pipe	20.360	Diam/Width:150	Manhole - Access not Required
E:448898.584 N:116304.126	2.980		{a} Pipe (3)	Pipe	20.360	Diam/Width:150	Not Applicable
MH92	23.115 21.815	Diameter / Length: 1.200					Manhole - Access not Required
E:448904.226 N:116341.084	1.300		{a} 1.093	Pipe	21.815	Diam/Width:100	Not Applicable

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MH10	23.025 21.725	Diameter / Length: 1.200					Manhole - Access not Required
E:448961.904	1.300						
N:116341.042							
			{a} Pipe	Pipe	21.725	Diam/Width:150	Not Applicable
MH93	23.013 21.681	Diameter / Length: 1.200	{1} 1.093	Pipe	21.681	Diam/Width:100	Manhole - Access not Required
E:448893.873	1.332						
N:116338.172							
			{a} 1.094	Pipe	21.688	Diam/Width:100	Not Applicable
MH60	23.012 22.012	Diameter / Length: 1.200	{1} 1.062	Pipe	22.012	Diam/Width:150	Manhole - Access not Required
E:449049.787	1.000						
N:116350.132							
			{a} 1.063	Pipe	22.012	Diam/Width:150	Not Applicable
MH61	22.794 21.794	Diameter / Length: 1.200	{1} 1.063	Pipe	21.794	Diam/Width:150	Manhole - Access not Required
E:449054.475	1.000						
N:116357.628							
			{a} 1.064	Pipe	21.794	Diam/Width:150	Not Applicable
MH77	22.786 21.486	Diameter / Length: 1.200	{1} 1.079	Pipe	21.486	Diam/Width:150	Manhole - Access not Required
E:449073.059	1.300						
N:116400.274							
			{a} 1.080	Pipe	21.486	Diam/Width:150	Not Applicable

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			Outgoing Connections				Cover
MH106	22.736 19.739	Diameter / Length: 1.200	{1} Pipe (4) (1)	Pipe	19.739	Diam/Width:150	Manhole - Access not Required
E:448836.981 N:116338.068	2.998		{a} 1.107	Pipe	19.739	Diam/Width:150	Not Applicable
MH11	22.694 21.394	Diameter / Length: 1.200	{1} 1.051	Pipe	21.394	Diam/Width:100	Manhole - Access not Required
E:448968.323 N:116356.000	1.300		{a} 1.016 (1)	Pipe	21.394	Diam/Width:100	Not Applicable
MH94	22.580 21.280	Diameter / Length: 1.200	{1} 1.094	Pipe	21.280	Diam/Width:100	Manhole - Access not Required
E:448864.192 N:116350.800	1.300		{a} 1.095	Pipe	21.280	Diam/Width:100	Not Applicable
MH62	22.423 21.573	Diameter / Length: 1.200	{1} 1.064	Pipe	21.573	Diam/Width:150	Manhole - Access not Required
E:449058.675 N:116375.586	0.850		{2} 1.077	Pipe	21.573	Diam/Width:100	
			{a} 1.065	Pipe	21.573	Diam/Width:150	Not Applicable
MH81	22.400 21.100	Diameter / Length: 1.200					Manhole - Access not Required
E:448879.309 N:116369.282	1.300						
			{a} 1.084	Pipe	21.100	Diam/Width:100	Not Applicable

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Report Details: Type: Manhole Schedule Foul Phase: Main Foul Sewer	Ridge:		



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
MH53	22.394 21.094	Diameter / Length: 1.200					Manhole - Access not Required
E:449009.599 N:116372.317	1.300		{a} 1.053	Pipe	21.094	Diam/Width:100	Not Applicable
MH107	22.367 19.613	Diameter / Length: 1.200	{1} 1.107	Pipe	19.613	Diam/Width:150	Manhole - Access not Required
E:448828.968 N:116355.210	2.754		{a} 1.108	Pipe	19.613	Diam/Width:150	Not Applicable
MH87	22.320 21.120	Diameter / Length: 1.200					Manhole - Access not Required
E:448910.080 N:116378.061	1.200		{a} 1.088	Pipe	21.120	Diam/Width:100	Not Applicable
MH63	22.237 21.437	Diameter / Length: 1.200	{1} 1.065	Pipe	21.437	Diam/Width:150	Manhole - Access not Required
E:449062.678 N:116385.549	0.800		{a} 1.066	Pipe	21.437	Diam/Width:150	Not Applicable
MH12	22.221 20.921	Diameter / Length: 1.200	{1} 1.016 (1)	Pipe	20.921	Diam/Width:100	Manhole - Access not Required
E:448977.416 N:116377.190	1.300		{a} 1.017	Pipe	20.921	Diam/Width:150	Not Applicable

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	Ridge:		
Report Details: Type: Manhole Schedule Foul Phase: Main Foul Sewer			



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
MH64	22.144 21.364	Diameter / Length: 1.200	{1} 1.066	Pipe	21.364	Diam/Width:150	Manhole - Access not Required
E:449062.378 N:116392.776	0.780		{a} 1.067	Pipe	21.364	Diam/Width:150	Not Applicable
MH82	22.126 20.826	Diameter / Length: 1.200	{1} 1.084	Pipe	20.826	Diam/Width:100	Manhole - Access not Required
E:448887.188 N:116387.801	1.300		{2} 1.088	Pipe	20.826	Diam/Width:100	
			{a} 1.085	Pipe	20.826	Diam/Width:100	Not Applicable
MH13	22.100 20.286	Diameter / Length: 1.200	{1} 1.017	Pipe	20.800	Diam/Width:150	Manhole - Access not Required
E:448979.861 N:116384.938	1.814		{2} 1.053	Pipe	20.286	Diam/Width:100	
			{a} 1.018	Pipe	20.286	Diam/Width:150	Not Applicable
MH65	22.083 21.314	Diameter / Length: 1.200	{1} 1.067	Pipe	21.314	Diam/Width:150	Manhole - Access not Required
E:449058.054 N:116395.189	0.769		{a} 1.068	Pipe	21.314	Diam/Width:150	Not Applicable
MH88	22.033 20.733	Diameter / Length: 1.200					Manhole - Access not Required
E:448929.695 N:116408.810	1.300		{a} 1.089	Pipe	20.733	Diam/Width:100	Not Applicable

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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
MH95	21.900 20.600	Diameter / Length: 1.200	{1} 1.095	Pipe	20.600	Diam/Width:100	Manhole - Access not Required
E:448847.321 N:116397.042	1.300		{a} 1.096	Pipe	20.600	Diam/Width:150	Not Applicable
MH108	21.963 19.415	Diameter / Length: 1.200	{1} 1.108	Pipe	19.415	Diam/Width:150	Manhole - Access not Required
E:448816.874 N:116382.263	2.548		{a} 1.109	Pipe	19.415	Diam/Width:150	Not Applicable
MH79	21.922 21.007	Diameter / Length: 1.200					Manhole - Access not Required
E:449047.935 N:116398.219	0.915		{a} 1.082	Pipe	21.007	Diam/Width:100	Not Applicable
MH89	21.855 20.555	Diameter / Length: 1.200	{1} 1.089	Pipe	20.555	Diam/Width:100	Manhole - Access not Required
E:448938.511 N:116405.039	1.300		{a} 1.090	Pipe	20.555	Diam/Width:100	Not Applicable
MH83	21.843 20.387	Diameter / Length: 1.200	{1} 1.085	Pipe	20.387	Diam/Width:100	Manhole - Access not Required
E:448900.864 N:116420.881	1.456		{a} 1.086	Pipe	20.387	Diam/Width:150	Not Applicable

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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
MH102	21.827 20.627	Diameter / Length: 1.200					Manhole - Access not Required
E:448876.600	1.200						
N:116410.449			{a} 1.104	Pipe	20.627	Diam/Width:100	Not Applicable
MH110	21.782 19.140	Diameter / Length: 1.200	{1} 1.110	Pipe	19.140	Diam/Width:150	Manhole - Access not Required
E:448803.736	2.642						
N:116421.322			{a} 1.111	Pipe	19.140	Diam/Width:150	Not Applicable
MH111	21.716 18.887	Diameter / Length: 1.200	{1} 1.111	Pipe	18.887	Diam/Width:150	Manhole - Access not Required
E:448789.079	2.829						
N:116456.367			{a} 1.112	Pipe	18.887	Diam/Width:150	Not Applicable
MH109	21.855 19.280	Diameter / Length: 1.200	{1} 1.109	Pipe	19.280	Diam/Width:150	Manhole - Access not Required
E:448810.669	2.575						
N:116401.573			{a} 1.110	Pipe	19.280	Diam/Width:150	Not Applicable
MH14	21.691 20.170	Diameter / Length: 1.200	{1} 1.018	Pipe	20.170	Diam/Width:150	Manhole - Access not Required
E:448984.631	1.521						
N:116401.605			{a} 1.019	Pipe	20.170	Diam/Width:150	Not Applicable

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Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
MH96	21.531 20.079	Diameter / Length: 1.200	{1} 1.096	Pipe	20.188	Diam/Width:150	Manhole - Access not Required
E:448836.232 N:116427.625	1.453		{2} 1.104	Pipe	20.079	Diam/Width:100	
			{a} 1.097	Pipe	20.188	Diam/Width:150	Not Applicable
MH80	21.495 20.579	Diameter / Length: 1.200	{1} 1.082	Pipe	20.579	Diam/Width:100	Manhole - Access not Required
E:449017.169 N:116411.312	0.915						
			{a} 1.083	Pipe	20.579	Diam/Width:100	Not Applicable
MH103	21.488 20.188	Diameter / Length: 1.200					Manhole - Access not Required
E:448826.195 N:116448.018	1.300						
			{a} 1.105	Pipe	20.188	Diam/Width:100	Not Applicable
MH98	21.265 19.898	Diameter / Length: 1.200	{1} 1.098	Pipe	19.898	Diam/Width:150	Manhole - Access not Required
E:448837.144 N:116452.001	1.367		{2} 1.105	Pipe	19.898	Diam/Width:100	
			{3} 1.106	Pipe	19.898	Diam/Width:100	
			{a} 1.099	Pipe	19.898	Diam/Width:150	Not Applicable

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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
MH104	21.341 20.041	Diameter / Length: 1.200					Manhole - Access not Required
E:448847.022	1.300						
N:116447.797			{a} 1.106	Pipe	20.041	Diam/Width:100	Not Applicable
MH97	21.399 20.060	Diameter / Length: 1.200	{1} 1.097	Pipe	20.060	Diam/Width:150	Manhole - Access not Required
E:448831.995	1.340						
N:116439.264			{a} 1.098	Pipe	20.060	Diam/Width:150	Not Applicable
MH86	21.389 20.189	Diameter / Length: 1.200					Manhole - Access not Required
E:448896.429	1.200						
N:116461.663			{a} 1.103	Pipe	20.189	Diam/Width:100	Not Applicable
MH90	21.332 20.032	Diameter / Length: 1.200	{1} 1.090	Pipe	20.032	Diam/Width:100	Manhole - Access not Required
E:448952.798	1.300						
N:116438.552			{a} 1.091	Pipe	20.032	Diam/Width:100	Not Applicable
MH105	21.329 20.129	Diameter / Length: 1.200					Manhole - Access not Required
E:448881.325	1.200						
N:116468.085			{a} 1.102	Pipe	20.129	Diam/Width:100	Not Applicable

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Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
MH84	21.223 19.923	Diameter / Length: 1.200	{1} 1.086	Pipe	19.923	Diam/Width:150	Manhole - Access not Required
E:448914.541 N:116453.962	1.300		{2} 1.103	Pipe	19.923	Diam/Width:100	
			{a} 1.087	Pipe	19.923	Diam/Width:150	Not Applicable
MH112	21.180 18.621	Diameter / Length: 1.200	{1} 1.112	Pipe	18.621	Diam/Width:150	Manhole - Access not Required
E:448779.608 N:116495.054	2.559						
			{a} 1.113	Pipe	18.621	Diam/Width:150	Not Applicable
MH15	21.155 19.855	Diameter / Length: 1.200	{1} 1.019	Pipe	19.855	Diam/Width:150	Manhole - Access not Required
E:448994.142 N:116426.595	1.300						
			{a} 1.020	Pipe	19.855	Diam/Width:150	Not Applicable
MH113	21.147 18.502	Diameter / Length: 1.200	{1} 1.113	Pipe	18.502	Diam/Width:150	Manhole - Access not Required
E:448780.308 N:116512.821	2.645						
							Not Applicable
MH100	21.101 19.480	Diameter / Length: 1.200	{1} 1.100	Pipe	19.480	Diam/Width:150	Manhole - Access not Required
E:448853.558 N:116479.891	1.620		{2} 1.102	Pipe	19.480	Diam/Width:100	
			{a} 1.101	Pipe	19.480	Diam/Width:150	Not Applicable

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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
MH91	21.072 19.675	Diameter / Length: 1.200	{1} 1.091	Pipe	19.675	Diam/Width:100	Manhole - Access not Required
E:448926.466 N:116449.755	1.397		{a} 1.092	Pipe	19.675	Diam/Width:100	Not Applicable
MH99	21.046 19.569	Diameter / Length: 1.200	{1} 1.099	Pipe	19.569	Diam/Width:150	Manhole - Access not Required
E:448847.179 N:116476.824	1.477		{a} 1.100	Pipe	19.569	Diam/Width:150	Not Applicable
MH47	23.509 21.100	Diameter / Length: 1.200	{1} 1.046 (1)	Pipe	21.100	Diam/Width:150	Manhole - Access not Required
E:448840.520 N:116249.627	2.409		{a} 1.047	Pipe	21.100	Diam/Width:150	Not Applicable
MH16	21.351 19.500	Diameter / Length: 1.200	{1} 1.020	Pipe	19.736	Diam/Width:150	Manhole - Access not Required
E:448997.417 N:116436.160	1.851		{2} 1.070	Pipe	19.500	Diam/Width:150	
							Not Applicable
MH46	23.190 21.327	Diameter / Length: 1.200	{1} 1.046	Pipe	21.327	Diam/Width:150	Manhole - Access not Required
E:448833.252 N:116216.459	1.863		{a} 1.046 (1)	Pipe	21.327	Diam/Width:150	Not Applicable

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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
MH45	23.259 21.465	Diameter / Length: 1.200	{1} 1.045	Pipe	21.465	Diam/Width:150	Manhole - Access not Required
E:448832.528	1.794						
N:116195.662			{a} 1.046	Pipe	21.465	Diam/Width:150	Not Applicable
MH44	23.357 21.679	Diameter / Length: 1.200	{1} 1.115	Pipe	21.679	Diam/Width:150	Manhole - Access not Required
E:448831.414	1.678						
N:116163.647			{a} 1.045	Pipe	21.679	Diam/Width:150	Not Applicable
MH66	22.524 21.174	Diameter / Length: 1.200	{1} 1.068	Pipe	21.220	Diam/Width:150	Manhole - Access not Required
E:449063.167	1.350		{2} 1.081	Pipe	21.224	Diam/Width:150	
N:116408.387			{a} 1.069	Pipe	21.174	Diam/Width:150	Not Applicable
MH67	21.586 20.324	Diameter / Length: 1.200	{1} 1.069	Pipe	20.324	Diam/Width:150	Manhole - Access not Required
E:449017.381	1.262		{2} 1.083	Pipe	20.374	Diam/Width:100	
N:116427.727			{a} 1.070	Pipe	20.324	Diam/Width:150	Not Applicable
MH78	22.600 21.315	Diameter / Length: 1.200	{1} 1.080	Pipe	21.315	Diam/Width:150	Manhole - Access not Required
E:449074.501	1.285						
N:116403.999			{a} 1.081	Pipe	21.315	Diam/Width:150	Not Applicable

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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
MH85	21.046 19.512	Diameter / Length: 1.200	{1} 1.087	Pipe	19.809	Diam/Width:150	Manhole - Access not Required
E:448918.222 N:116462.864	1.534		{2} 1.092	Pipe	19.512	Diam/Width:100	
							Not Applicable
MH101	21.140 19.250	Diameter / Length: 1.200	{1} 1.101	Pipe	19.250	Diam/Width:150	Manhole - Access not Required
E:448843.477 N:116494.473	1.890						
							Not Applicable
MH01	23.503 21.857	Diameter / Length: 1.200	{1} 1.009	Pipe	21.857	Diam/Width:150	Manhole - Access not Required
E:448828.734 N:116137.011	1.646						
			{a} 1.115	Pipe	21.857	Diam/Width:150	Not Applicable
Manhole	23.193 19.974	Diameter / Length: 1.200	{1} Pipe (4)	Pipe	19.974	Diam/Width:150	Manhole - Access not Required
E:448851.522 N:116305.850	3.219						
			{a} Pipe (4) (1)	Pipe	19.974	Diam/Width:150	Not Applicable

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Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
C0A	MH49		Foul	0.054		0		0.00
C0E	MH02		Foul	0.010		0		0.00
C1A	MH106		Foul	0.006		0		0.00
C1B	MH92		Foul	0.003		0		0.00
C1C	MH81		Foul	0.005		0		0.00
C1D	MH88		Foul	0.010		0		0.00
C1F	MH09		Foul	0.007		0		0.00
C1E	MH01		Foul	0.050		0		0.00
C1H	MH01		Foul	0.042		0		0.00
C1G	MH02		Foul	0.005		0		0.00
C1I	MH04		Foul	0.007		0		0.00
C1J	MH19		Foul	0.005		0		0.00
C1K	MH68		Foul	0.007		0		0.00
C1L	MH74		Foul	0.005		0		0.00
C1H.1	MH17		Foul	0.065		0		0.00
C1H.2	MH17		Foul	0.032		0		0.00
C2A	MH106		Foul	0.006		0		0.00
C2B	MH92		Foul	0.004		0		0.00
C2C	MH81		Foul	0.005		0		0.00
C2D	MH90		Foul	0.010		0		0.00
C2F	MH10		Foul	0.005		0		0.00
C2E	MH45		Foul	0.005		0		0.00
C2G	MH03		Foul	0.005		0		0.00
C2I	MH04		Foul	0.006		0		0.00
C2H	MH02		Foul	0.013		0		0.00
C2J	MH19		Foul	0.005		0		0.00
C2K	MH68		Foul	0.005		0		0.00
C2L	MH74		Foul	0.005		0		0.00
C3A	MH106		Foul	0.005		0		0.00
C3B	MH93		Foul	0.008		0		0.00
C3D	MH90		Foul	0.010		0		0.00
C3C	MH82		Foul	0.007		0		0.00
C3F	MH10		Foul	0.005		0		0.00
C3E	MH45		Foul	0.005		0		0.00
C3G	MH115		Foul	0.005		0		0.00
C3I	MH04		Foul	0.005		0		0.00
C3H	MH18		Foul	0.052		0		0.00
C3J	MH20		Foul	0.005		0		0.00
C3K	MH68		Foul	0.005		0		0.00
C3L	MH74		Foul	0.005		0		0.00
C4A	MH107		Foul	0.006		0		0.00
C4B	MH94		Foul	0.008		0		0.00
C4C	MH81		Foul	0.007		0		0.00
C4D	MH90		Foul	0.010		0		0.00
C4F	MH10		Foul	0.007		0		0.00
C4E	MH45		Foul	0.005		0		0.00
C4G	MH36		Foul	0.005		0		0.00
C4I	MH04		Foul	0.005		0		0.00
C4H	MH30		Foul	0.005		0		0.00
C4J	MH22		Foul	0.005		0		0.00
C4K	MH68		Foul	0.005		0		0.00
C4L	MH74		Foul	0.010		0		0.00
C4.1C	MH87		Foul	0.007		0		0.00
C4.2C	MH87		Foul	0.007		0		0.00
C5A	MH107		Foul	0.006		0		0.00
C5B	MH92		Foul	0.008		0		0.00

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Report Details: Type: Inflow Summary Foul Phase: Main Foul Sewer	Ridge:		



C5C	MH82	Foul	0.003	0	0.00
C5D	MH90	Foul	0.007	0	0.00
C5F	MH10	Foul	0.007	0	0.00
C5E	MH45	Foul	0.006	0	0.00
C5G	MH36	Foul	0.005	0	0.00
C5I	MH04	Foul	0.005	0	0.00
C5H	MH30	Foul	0.005	0	0.00
C5J	MH31	Foul	0.008	0	0.00
C5K	MH69	Foul	0.005	0	0.00
C5L	MH74	Foul	0.010	0	0.00
C6A	MH107	Foul	0.006	0	0.00
C6B	MH92	Foul	0.008	0	0.00
C6C	MH82	Foul	0.003	0	0.00
C6D	MH90	Foul	0.004	0	0.00
C6F	MH12	Foul	0.007	0	0.00
C6E	MH46	Foul	0.005	0	0.00
C6G	MH37	Foul	0.005	0	0.00
C6I	MH05	Foul	0.007	0	0.00
C6H	MH25	Foul	0.005	0	0.00
C6J	MH31	Foul	0.008	0	0.00
C6K	MH70	Foul	0.005	0	0.00
C6L	MH71	Foul	0.005	0	0.00
C7A	MH107	Foul	0.006	0	0.00
C7B	MH93	Foul	0.008	0	0.00
C7C	MH83	Foul	0.005	0	0.00
C7F	MH13	Foul	0.007	0	0.00
C7E	MH46	Foul	0.005	0	0.00
C7G	MH37	Foul	0.005	0	0.00
C7I	MH05	Foul	0.006	0	0.00
C7H	MH25	Foul	0.005	0	0.00
C7J	MH33	Foul	0.008	0	0.00
C7K	MH54	Foul	0.008	0	0.00
C7L	MH71	Foul	0.005	0	0.00
C8A	MH108	Foul	0.006	0	0.00
C8B	MH93	Foul	0.008	0	0.00
C8C	MH83	Foul	0.005	0	0.00
C8F	MH13	Foul	0.007	0	0.00
C8E	MH46	Foul	0.005	0	0.00
C8G	MH38	Foul	0.006	0	0.00
C8I	MH05	Foul	0.005	0	0.00
C8H	MH30	Foul	0.007	0	0.00
C8J	MH33	Foul	0.008	0	0.00
C8K	MH56	Foul	0.008	0	0.00
C8L	MH71	Foul	0.005	0	0.00
C9A	MH108	Foul	0.006	0	0.00
C9B	MH95	Foul	0.010	0	0.00
C9C	MH83	Foul	0.006	0	0.00
C9F	MH13	Foul	0.007	0	0.00
C9E	MH46	Foul	0.006	0	0.00
C9G	MH39	Foul	0.005	0	0.00
C9I	MH05	Foul	0.005	0	0.00
C9H	MH30	Foul	0.005	0	0.00
C9J	MH32	Foul	0.007	0	0.00
C9K	MH70	Foul	0.008	0	0.00
C9L	MH71	Foul	0.005	0	0.00
C10A	MH108	Foul	0.006	0	0.00
C10B	MH95	Foul	0.009	0	0.00
C10C	MH83	Foul	0.005	0	0.00
C10F	MH15	Foul	0.007	0	0.00
C10E	MH47	Foul	0.006	0	0.00

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Inflow Summary Foul Phase: Main Foul Sewer	Ridge:		



C10G	MH39	Foul	0.005	0	0.00
C10I	MH05	Foul	0.005	0	0.00
C10H	MH30	Foul	0.005	0	0.00
C10J	MH32	Foul	0.007	0	0.00
C10K	MH70	Foul	0.008	0	0.00
C10L	MH75	Foul	0.007	0	0.00
C11A	MH109	Foul	0.006	0	0.00
C11B	MH102	Foul	0.010	0	0.00
C11C	MH83	Foul	0.005	0	0.00
C11F	MH15	Foul	0.005	0	0.00
C11E	MH47	Foul	0.005	0	0.00
C11G	MH41	Foul	0.005	0	0.00
C11I	MH05	Foul	0.005	0	0.00
C11H	MH30	Foul	0.006	0	0.00
C11J	MH32	Foul	0.007	0	0.00
C11K	MH69	Foul	0.005	0	0.00
C11L	MH75	Foul	0.005	0	0.00
C12A	MH109	Foul	0.006	0	0.00
C12B	MH102	Foul	0.008	0	0.00
C12C	MH83	Foul	0.005	0	0.00
C12E	MH47	Foul	0.005	0	0.00
C12G	MH41	Foul	0.005	0	0.00
C12I	MH06	Foul	0.004	0	0.00
C12H	MH30	Foul	0.009	0	0.00
C12J	MH32	Foul	0.007	0	0.00
C12K	MH68	Foul	0.005	0	0.00
C12L	MH76	Foul	0.005	0	0.00
C13A	MH110	Foul	0.007	0	0.00
C13B	MH96	Foul	0.006	0	0.00
C13C	MH86	Foul	0.010	0	0.00
C13E	MH47	Foul	0.005	0	0.00
C13G	MH41	Foul	0.005	0	0.00
C13I	MH06	Foul	0.004	0	0.00
C13H	MH30	Foul	0.009	0	0.00
C13J	MH32	Foul	0.005	0	0.00
C13K	MH68	Foul	0.005	0	0.00
C13L	MH76	Foul	0.005	0	0.00
C14A	MH110	Foul	0.006	0	0.00
C14B	MH104	Foul	0.006	0	0.00
C14C	MH86	Foul	0.010	0	0.00
C14E	MH48	Foul	0.045	0	0.00
C14G	MH40	Foul	0.010	0	0.00
C14I	MH07	Foul	0.005	0	0.00
C14H	MH31	Foul	0.008	0	0.00
C14J	MH32	Foul	0.005	0	0.00
C14K	MH68	Foul	0.007	0	0.00
C14L	MH76	Foul	0.006	0	0.00
C15A	MH110	Foul	0.006	0	0.00
C15B	MH104	Foul	0.006	0	0.00
C15C	MH86	Foul	0.010	0	0.00
C15E	MH49	Foul	0.007	0	0.00
C15I	MH07	Foul	0.005	0	0.00
C15J	MH33	Foul	0.008	0	0.00
C15K	MH72	Foul	0.004	0	0.00
C15L	MH77	Foul	0.006	0	0.00
C16A	MH111	Foul	0.006	0	0.00
C16B	MH103	Foul	0.010	0	0.00
C16E	MH50	Foul	0.008	0	0.00
C16J	MH33	Foul	0.008	0	0.00
C16K	MH72	Foul	0.004	0	0.00

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Inflow Summary Foul Phase: Main Foul Sewer	Ridge:		



C16L	MH77	Foul	0.005	0	0.00
C17A	MH111	Foul	0.006	0	0.00
C17B	MH105	Foul	0.010	0	0.00
C17E	MH50	Foul	0.007	0	0.00
C17J	MH114	Foul	0.007	0	0.00
C17K	MH72	Foul	0.005	0	0.00
C17L	MH77	Foul	0.006	0	0.00
C18A	MH111	Foul	0.007	0	0.00
C18B	MH105	Foul	0.010	0	0.00
C18E	MH50	Foul	0.007	0	0.00
C18J	MH114	Foul	0.006	0	0.00
C18K	MH73	Foul	0.005	0	0.00
C18L	MH77	Foul	0.005	0	0.00
C19A	MH111	Foul	0.006	0	0.00
C19B	MH105	Foul	0.010	0	0.00
C19E	MH51	Foul	0.032	0	0.00
C19J	MH34	Foul	0.005	0	0.00
C19K	MH73	Foul	0.005	0	0.00
C19L	MH77	Foul	0.007	0	0.00
C20A	MH111	Foul	0.006	0	0.00
C20E	MH09	Foul	0.005	0	0.00
C20J	MH34	Foul	0.005	0	0.00
C20K	MH73	Foul	0.008	0	0.00
C21A	MH112	Foul	0.007	0	0.00
C21E	MH09	Foul	0.005	0	0.00
C21J	MH34	Foul	0.007	0	0.00
C21K	MH73	Foul	0.008	0	0.00
C22A	MH112	Foul	0.007	0	0.00
C22E	MH10	Foul	0.006	0	0.00
C22J	MH34	Foul	0.007	0	0.00
C22K	MH58	Foul	0.008	0	0.00
C23A	MH112	Foul	0.005	0	0.00
C23E	MH10	Foul	0.005	0	0.00
C23J	MH34	Foul	0.005	0	0.00
C23K	MH58	Foul	0.008	0	0.00
C24A	MH112	Foul	0.005	0	0.00
C24E	MH10	Foul	0.006	0	0.00
C24J	MH34	Foul	0.005	0	0.00
C24K	MH57	Foul	0.008	0	0.00
C25A	MH112	Foul	0.007	0	0.00
C25E	MH11	Foul	0.006	0	0.00
C25J	MH34	Foul	0.005	0	0.00
C25K	MH56	Foul	0.008	0	0.00
C26E	MH11	Foul	0.006	0	0.00
C26A	MH99	Foul	0.005	0	0.00
C26J	MH34	Foul	0.005	0	0.00
C26K	MH57	Foul	0.006	0	0.00
C27E	MH12	Foul	0.006	0	0.00
C27A	MH99	Foul	0.005	0	0.00
C27J	MH34	Foul	0.005	0	0.00
C27K	MH57	Foul	0.006	0	0.00
C28E	MH12	Foul	0.006	0	0.00
C28A	MH99	Foul	0.005	0	0.00
C28J	MH26	Foul	0.008	0	0.00
C28K	MH57	Foul	0.007	0	0.00
C28.1E	MH53	Foul	0.010	0	0.00
C29E	MH14	Foul	0.006	0	0.00
C29J	MH26	Foul	0.008	0	0.00
C29K	MH58	Foul	0.006	0	0.00
C30E	MH14	Foul	0.006	0	0.00

5015560: One Horton Heath		Date: 29/09/2022			
		Designed by: BT	Checked by:		Approved By:
Report Details: Type: Inflow Summary Foul Phase: Main Foul Sewer		Ridge:			

C30J	MH28		Foul	0.008		0		0.00
C30K	MH58		Foul	0.005		0		0.00
C31E	MH15		Foul	0.007		0		0.00
C31J	MH54		Foul	0.008		0		0.00
C31K	MH52		Foul	0.010		0		0.00
C32E	MH80		Foul	0.006		0		0.00
C32J	MH06		Foul	0.035		0		0.00
C32K	MH52		Foul	0.010		0		0.00
C33J	MH08		Foul	0.005		0		0.00
C33E	MH80		Foul	0.006		0		0.00
C33K	MH60		Foul	0.006		0		0.00
C34J	MH08		Foul	0.005		0		0.00
C34E	MH79		Foul	0.006		0		0.00
C34K	MH60		Foul	0.006		0		0.00
C35J	MH08		Foul	0.005		0		0.00
C35E	MH79		Foul	0.005		0		0.00
C35K	MH60		Foul	0.006		0		0.00
C36E	MH79		Foul	0.005		0		0.00
C36K	MH61		Foul	0.006		0		0.00
C37E	MH79		Foul	0.006		0		0.00
C37K	MH61		Foul	0.006		0		0.00
C38E	MH79		Foul	0.005		0		0.00
C38K	MH61		Foul	0.006		0		0.00
C39E	MH79		Foul	0.007		0		0.00
C39K	MH61		Foul	0.008		0		0.00
C40K	MH61		Foul	0.008		0		0.00
C41K	MH60		Foul	0.010		0		0.00
C42K	MH60		Foul	0.009		0		0.00
C43K	MH73		Foul	0.008		0		0.00
C44K	MH73		Foul	0.008		0		0.00
C45K	MH73		Foul	0.006		0		0.00
C46K	MH73		Foul	0.005		0		0.00
C47K	MH73		Foul	0.005		0		0.00
C48K	MH72		Foul	0.006		0		0.00
C49K	MH72		Foul	0.005		0		0.00
TOTAL		0.0		2.070				0.00

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (4)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.102	0.029	3.00	9	0.353	0.978	7.6774	0.1389
Branch: 1.093							
1.093	0.023	4.00	12	0.321	0.744	5.8430	0.1852
1.094	0.047	7.00	16	0.392	0.749	5.8799	0.3241
1.095	0.054	8.00	17	0.423	0.782	6.1456	0.3704
1.096	0.074	10.00	17	0.415	0.986	17.4300	0.4630
Branch: 1.104							
1.104							
1.097	0.098	13.00	20	0.421	0.891	15.7448	0.6019
1.098	0.098	13.00	20	0.441	0.951	16.7968	0.6019
Branch: 1.105							
1.105	0.010	1.00			1.052	8.2660	0.0463
Branch: 1.106							
1.106	0.012	2.00	9	0.271	0.768	6.0324	0.0926
1.099	0.120	16.00	22	0.478	0.972	17.1760	0.7407
1.100	0.135	19.00	23	0.505	0.980	17.3158	0.8796
1.101	0.164	22.00	25	0.535	0.998	17.6433	1.0185

5015560: One Horton Heath		Date: 29/09/2022			
		Designed by: BT	Checked by:		Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (5)		Ridge:			

Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.104	0.018	2.00	9	0.264	0.744	5.843	0.0926

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (6)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.084	0.018	3.00	11	0.305	0.777	6.1003	0.1389
Branch: 1.088							
1.088	0.014	2.00	9	0.257	0.723	5.6806	0.0926
1.085	0.046	8.00	17	0.403	0.737	5.7877	0.3704
1.086	0.076	14.00	20	0.465	0.998	17.6357	0.6481
Branch: 1.103							
1.103							
1.087	0.105	17.00	22	0.478	0.950	16.7960	0.7870

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (7)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.103	0.029	3.00	11	0.304	0.774	6.0794	0.1389

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (8)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.089	0.01	1.00			0.908	7.1325	0.0463
1.090	0.01	1.00			0.798	6.2694	0.0463
1.091	0.05	6.00	15	0.372	0.742	5.8310	0.2778
1.092	0.05	6.00	16	0.347	0.682	5.3586	0.2778

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (9)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.021							
1.022							
Branch: 1.023							
1.023							
1.024							
1.025							
1.026							
1.027							
1.028							
1.029							
Branch: 1.035							
1.035							
Branch: 1.036							
1.036							
Branch: 1.114							
1.114							
1.029(1)							
1.116							
1.117							
1.011							
1.010							
1.009							
1.115	0.468	95.00	61	0.649	0.714	12.6210	4.3981
1.045	0.468	95.00	61	0.649	0.714	12.6210	4.3981
1.046	0.490	99.00	62	0.657	0.714	12.6210	4.5833
1.046 (1)	0.511	103.00	64	0.664	0.714	12.6210	4.7685
1.047	0.533	107.00	65	0.671	0.714	12.6210	4.9537
1.048	0.578	116.00	65	0.731	0.779	13.7731	5.3704
Branch: Pipe							
Pipe							
Pipe (1)							
Branch: 1.037							
1.037							
1.029 (1) (1) (1)							
1.030							
1.031							
1.032							
1.033							
Branch: 1.011 (1)							
1.011 (1)							
1.011 (1) (1)							
1.012							
1.013							
Branch: 1.038							
1.038							
1.039							
1.040							
1.041							
1.042							
1.043							
1.044							
1.013 (1)							
Pipe (5)							
Pipe (2)							
Pipe (3)							
Pipe (4)	1.014	203.00	96	0.790	0.722	12.7600	9.3981

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (9)	Ridge:		



Pipe (4) (1)	1.014	203.00	96	0.783	0.714	12.6218	9.3981
1.107	1.031	206.00	97	0.785	0.714	12.6210	9.5370
1.108	1.054	210.00	99	0.788	0.714	12.6210	9.7222
1.109	1.072	213.00	100	0.790	0.714	12.6210	9.8611
1.110	1.085	215.00	100	0.792	0.714	12.6210	9.9537
1.111	1.104	218.00	101	0.794	0.714	12.6210	10.0926
1.112	1.135	223.00	103	0.797	0.714	12.6210	10.3241
1.113	1.166	228.00	105	0.800	0.714	12.6210	10.5556

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (12)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
Pipe	0.041	7.00	15	0.369	0.980	17.3158	0.3241
Pipe (1)	0.058	10.00	17	0.412	0.980	17.3158	0.4630
Branch: 1.037							
1.037							
1.029 (1) (1) (1)							
1.030							
1.031							
1.032							
1.033							
Branch: 1.011 (1)							
1.011 (1)							
1.011 (1) (1)							
1.012							
1.013							
Branch: 1.038							
1.038							
1.039							
1.040							
1.041							
1.042							
1.043							
1.044							
1.013 (1)							
Pipe (5)							
Pipe (2)	0.352	69.00	52	0.594	0.714	12.6210	3.1944
Pipe (3)	0.374	72.00	54	0.584	0.686	12.1240	3.3333

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (13)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.023							
1.024							
1.025							
1.026							
1.027							
1.028							
1.029							
Branch: 1.035							
1.035							
Branch: 1.036							
1.036							
Branch: 1.114							
1.114							
1.029(1)							
1.116							
1.117							
1.011	0.195	30.00	28	0.602	1.031	18.2182	1.3889
Branch: 1.021							
1.021	0.097	25.00	24	0.620	1.167	20.6270	1.1574
1.022	0.148	26.00	17	1.114	2.678	47.3294	1.2037
1.010	0.348	57.00	40	0.694	0.959	16.9473	2.6389
1.009	0.376	60.00	41	0.712	0.972	17.1805	2.7778

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (15)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.114	0.013	2.00	9	0.264	0.744	5.8430	0.0926
Branch: 1.036							
1.036							
1.029(1)	0.084	12.00	18	0.447	1.016	17.9522	0.5556
Branch: 1.023							
1.023	0.010	2.00	8	0.300	0.922	7.2384	0.0926
1.024	0.016	3.00	11	0.294	0.744	5.8430	0.1389
1.025	0.016	3.00	9	0.384	1.073	8.4274	0.1389
1.026	0.021	4.00	11	0.383	0.963	7.5660	0.1852
1.027	0.021	4.00	12	0.367	0.868	6.8142	0.1852
1.028	0.021	4.00	12	0.368	0.872	6.8485	0.1852
1.029	0.031	6.00	13	0.480	1.079	8.4766	0.2778
Branch: 1.035							
1.035	0.052	8.00	12	0.545	1.621	28.6529	0.3704
1.116	0.190	29.00	22	0.836	1.683	29.7415	1.3426
1.117	0.190	29.00	26	0.657	1.188	20.9861	1.3426

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (16)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.036	0.038	6.00	12	0.544	1.282	10.0698	0.2778

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (17)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.037	0.048	9.00	14	0.509	1.405	24.8364	0.4167
1.029 (1) (1) (1)	0.048	9.00	14	0.485	1.310	23.1420	0.4167
1.030	0.065	11.00	17	0.486	1.183	20.9025	0.5093
1.031	0.065	11.00	16	0.522	1.320	23.3176	0.5093
1.032	0.073	12.00	16	0.545	1.351	23.8706	0.5556
1.033	0.073	12.00	15	0.628	1.658	29.3075	0.5556
Branch: 1.011 (1)							
1.011 (1)	0.028	5.00	14	0.348	0.744	5.8430	0.2315
1.011 (1) (1)	0.061	11.00	18	0.412	0.938	16.5747	0.5093
1.012	0.177	34.00	31	0.591	0.950	16.7960	1.5741
1.013	0.187	36.00	32	0.601	0.950	16.7960	1.6667
Branch: 1.038							
1.038	0.010	2.00	9	0.264	0.744	5.8430	0.0926
1.039	0.020	4.00	12	0.321	0.744	5.8430	0.1852
1.040	0.026	5.00	14	0.348	0.744	5.8430	0.2315
1.041	0.035	7.00	16	0.390	0.744	5.8430	0.3241
1.042	0.046	8.00	16	0.386	0.980	17.3158	0.3704
1.043	0.061	11.00	21	0.340	0.714	12.6210	0.5093
1.044	0.061	11.00	19	0.396	0.875	15.4664	0.5093
1.013 (1)	0.247	47.00	37	0.652	0.950	16.7960	2.1759
Pipe (5)	0.263	50.00	38	0.663	0.950	16.7960	2.3148

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (20)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.053	0.010	1.00			1.054	8.2802	0.0463
Branch: 1.051							
1.051	0.021	2.00	8	0.314	0.968	7.6026	0.0926
1.016 (1)	0.032	4.00	11	0.389	0.954	7.4906	0.1852
1.017	0.051	7.00	14	0.393	1.069	18.8988	0.3241
1.018	0.082	11.00	21	0.340	0.714	12.6210	0.5093
1.019	0.094	13.00	20	0.441	0.951	16.8002	0.6019
1.020	0.113	16.00	22	0.469	0.950	16.7960	0.7407

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (22)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.078	0.012	2.00	7	0.347	1.173	9.2111	0.0926
1.079	0.028	5.00	10	0.430	1.450	25.6200	0.2315
1.080	0.057	10.00	13	0.630	1.820	32.1637	0.4630
1.081	0.057	10.00	19	0.345	0.757	13.3808	0.4630

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (23)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.069					1.147	20.2693	
Branch: 1.082							
1.082	0.035	6.00	15	0.376	0.752	5.9080	0.2778
1.083	0.048	8.00	17	0.406	0.744	5.8430	0.3704
1.070	0.048	8.00	12	0.564	1.713	30.2689	0.3704

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (24)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.071							
1.072							
1.073							
Branch: 1.057							
1.057							
1.058							
1.059							
1.060							
1.061							
Branch: 1.074							
1.074							
1.075							
1.076							
1.062							
1.063							
1.064							
Branch: 1.077							
1.077							
1.065							
1.066							
1.067	0.367	57.00	42	0.654	0.880	15.5538	2.6389
1.068	0.367	57.00	47	0.563	0.714	12.6210	2.6389

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Report Foul Phase: Main Foul Sewer Flow Path: Flow Path (27)	Ridge:		



Name	Total Area (ha)	Total Dwellings	Proportional Depth (mm)	Proportional Velocity (m/s)	Full Bore Velocity (m/s)	Capacity (L/s)	Flow (L/s)
1.077	0.036	5.00	12	0.460	1.087	8.5408	0.2315
Branch: 1.057							
1.057	0.016	2.00	7	0.345	1.166	9.1604	0.0926
Branch: 1.071							
1.071	0.039	7.00	16	0.396	0.759	5.9638	0.3241
1.072	0.050	9.00	16	0.397	0.980	17.3158	0.4167
1.073	0.071	12.00	19	0.428	0.955	16.8708	0.5556
1.058	0.087	14.00	17	0.570	1.350	23.8629	0.6481
1.059	0.103	16.00	18	0.629	1.459	25.7791	0.7407
1.060	0.130	20.00	20	0.676	1.454	25.6975	0.9259
1.061	0.158	24.00	22	0.686	1.372	24.2519	1.1111
Branch: 1.074							
1.074	0.021	4.00	12	0.321	0.744	5.8430	0.1852
1.075	0.044	9.00	16	0.412	1.024	18.0963	0.4167
1.076	0.102	18.00	22	0.535	1.086	19.1848	0.8333
1.062	0.260	42.00	34	0.639	0.970	17.1486	1.9444
1.063	0.297	47.00	30	0.845	1.378	24.3572	2.1759
1.064	0.331	52.00	38	0.676	0.959	16.9518	2.4074
1.065	0.367	57.00	40	0.708	0.986	17.4319	2.6389
1.066	0.367	57.00	42	0.653	0.880	15.5489	2.6389

5015560: One Horton Heath	Date: 29/09/2022			
	Designed by: BT	Checked by:	Approved By:	
Report Details: Type: Network Design Criteria Foul Phase: Main Foul Sewer	Ridge:			

Pipe Options

Lock Slope Options	None
Design Level	Level Inverts
Min. Slope (1:x)	150.00
Max. Slope (1:x)	2.00
Min. Backdrop (m)	0.500
Max. Backdrop (m)	1.500
Velocity Criteria	(UK) 1/3 Proportional Velocity
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☒

Pipe Size Library

Pipe Diameter

Add. Increment (mm)	75
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Diameter (mm)	Min. Slope (1:x)	Max. Slope (1:x)
100	80.00	2.00
150	80.00	2.00
225	225.00	2.00

5015560: One Horton Heath	Date: 29/09/2022		
	Designed by: BT	Checked by:	Approved By:
Report Details: Type: Network Design Criteria Foul Phase: Main Foul Sewer	Ridge:		



Manhole Options

Apply Offset	☐
Synchronise Manhole Invert Levels	☒

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

5015560: One Horton Heath	Date: 29/09/2022			
	Designed by: BT	Checked by:	Approved By:	
Report Details: Type: Outfall Details Foul Phase: Main Foul Sewer	Ridge:			

Outfalls

Outfall	Outfall Type	Fixed Surcharged Level (m)	Level Curve
MH113	Free Discharge		
MH16	Free Discharge		
MH85	Free Discharge		
MH101	Free Discharge		