

Stephen Daykin Consulting Ltd		Page 0
33 Beaumaris Drive Gedling Nottingham NG4 2RA		
Date 01/01/0001	Designed by JoWard	
File E970 - NETWORK 1 (V3 MAR...	Checked by	
Innovyze	Network 2018.1.1	

STORM SEWER DESIGN by the Modified Rational Method

Pipe Sizes E970 - NETWORK 4 (V2) Manhole Sizes E970 - NETWORK 4 (V2)

Return Period (years)	5	PIMP (%)	100
M5-60 (mm)	20.000	Add Flow / Climate Change (%)	10
Ratio R	0.400	Minimum Backdrop Height (m)	0.200
Maximum Rainfall (mm/hr)	0	Maximum Backdrop Height (m)	0.000
Maximum Time of Concentration (mins)	30	Min Design Depth for Optimisation (m)	1.200
Foul Sewage (l/s/ha)	0.000	Min Vel for Auto Design only (m/s)	0.75
Volumetric Runoff Coeff.	0.750	Min Slope for Optimisation (1:X)	500

Time Area Diagram for NETWORK 1.SWS

Total Area Contributing (ha) = 0.581

Network Design Table for NETWORK 1.SWS

PN	Rain (mm/hr)	T.C. (mins)	US/IL (m)	Σ I.Area (ha)	Σ Base Flow (l/s)	Foul (l/s)	Add Flow (l/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
1.000	0.00	5.30	117.625	0.100	0.0	0.0	0.0	1.98	78.7	0.0
1.001	0.00	5.47	116.750	0.232	0.0	0.0	0.0	2.50	176.8	0.0
1.002	0.00	5.63	116.100	0.270	0.0	0.0	0.0	3.57	252.6	0.0
1.003	0.00	5.90	114.350	0.339	0.0	0.0	0.0	4.18	295.2	0.0

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Network Design Table for NETWORK 1.SWS

PN	Length (m)	Fall (m)	Slope (1:X)	I.Area (ha)	T.E. (mins)	Base Flow (l/s)	k (mm)	HYD SECT	DIA (mm)	Section Type	Auto Design
2.000	31.145	1.175	26.5	0.083	5.00	0.0	0.600	o	225	Pipe/Conduit	
1.004	38.261	1.619	23.6	0.113	0.00	0.0	0.600	o	375	Pipe/Conduit	
1.005	9.572	0.331	28.9	0.046	0.00	0.0	0.600	o	450	Pipe/Conduit	
1.006	21.340	0.750	28.5	0.000	0.00	0.0	0.600	o	450	Pipe/Conduit	
1.007	30.806	0.275	112.0	0.000	0.00	0.0	0.600	oo	43	Pipe/Conduit	
1.008	7.507	0.050	150.1	0.000	0.00	0.0	0.600	o	225	Pipe/Conduit	
1.009	5.000	0.050	100.0	0.000	0.00	0.0	0.600	o	225	Pipe/Conduit	

Network Results Table

PN	Rain (mm/hr)	T.C. (mins)	US/IL (m)	Σ I.Area (ha)	Σ Base Flow (l/s)	Foul (l/s)	Add Flow (l/s)	Vel (m/s)	Cap (l/s)	Flow (l/s)
2.000	0.00	5.20	110.825	0.083	0.0	0.0	0.0	2.55	101.4	0.0
1.004	0.00	6.07	109.500	0.535	0.0	0.0	0.0	3.74	413.2	0.0
1.005	0.00	6.11	107.806	0.581	0.0	0.0	0.0	3.79	603.1	0.0
1.006	0.00	6.21	107.475	0.581	0.0	0.0	0.0	3.82	608.0	0.0
1.007	0.00	6.47	106.725	0.581	0.0	0.0	0.0	1.92	610.6	0.0
1.008	0.00	6.59	106.450	0.581	0.0	0.0	0.0	1.06	42.3	0.0
1.009	0.00	6.65	106.400	0.581	0.0	0.0	0.0	1.31	52.0	0.0

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Network Classifications for NETWORK 1.SWS

PN	USMH	Pipe	Min Cover	Max Cover	Pipe Type	MH	MH	MH Ring	MH Type
	Name	Dia	Depth	Depth		Dia	Width	Depth	
		(mm)	(m)	(m)		(mm)	(mm)	(m)	
1.000	100	225	1.062	1.203	Unclassified	1200	0	1.062	Unclassified
1.001	101	300	0.643	1.200	Unclassified	1200	0	1.189	Unclassified
1.002	102	300	0.537	1.200	Unclassified	1200	0	1.200	Unclassified
1.003	103	300	0.731	1.200	Unclassified	1200	0	1.200	Unclassified
2.000	110	225	1.075	1.171	Unclassified	1200	0	1.171	Unclassified
1.004	104	375	0.386	1.075	Unclassified	1350	0	1.075	Unclassified
1.005	109	450	0.375	0.392	Unclassified	1350	0	0.386	Unclassified
1.006	105	450	0.386	0.648	Unclassified	1350	0	0.386	Unclassified
1.007	106	43	0.202	0.900	Unclassified	3000	0	0.625	Unclassified
1.008	107	225	0.424	1.125	Unclassified	3000	0	1.125	Unclassified
1.009	11	225	0.825	1.425	Unclassified	1200	0	0.825	Unclassified

Surcharged Outfall Details for NETWORK 1.SWS

Outfall	Outfall	C. Level	I. Level	Min	D,L	W
Pipe Number	Name	(m)	(m)	I. Level	(mm)	(mm)
				(m)		
1.009	108	108.000	106.350	0.000	0	0

Datum (m) 106.400 Offset (mins) 0

Time	Depth	Time	Depth	Time	Depth	Time	Depth	Time	Depth	Time	Depth
(mins)	(m)	(mins)	(m)	(mins)	(m)	(mins)	(m)	(mins)	(m)	(mins)	(m)
1	0.720	19	0.720	37	0.720	55	0.720	73	0.720	91	0.720
2	0.720	20	0.720	38	0.720	56	0.720	74	0.720	92	0.720
3	0.720	21	0.720	39	0.720	57	0.720	75	0.720	93	0.720
4	0.720	22	0.720	40	0.720	58	0.720	76	0.720	94	0.720
5	0.720	23	0.720	41	0.720	59	0.720	77	0.720	95	0.720
6	0.720	24	0.720	42	0.720	60	0.720	78	0.720	96	0.720
7	0.720	25	0.720	43	0.720	61	0.720	79	0.720	97	0.720
8	0.720	26	0.720	44	0.720	62	0.720	80	0.720	98	0.720
9	0.720	27	0.720	45	0.720	63	0.720	81	0.720	99	0.720
10	0.720	28	0.720	46	0.720	64	0.720	82	0.720	100	0.720
11	0.720	29	0.720	47	0.720	65	0.720	83	0.720	101	0.720
12	0.720	30	0.720	48	0.720	66	0.720	84	0.720	102	0.720
13	0.720	31	0.720	49	0.720	67	0.720	85	0.720	103	0.720
14	0.720	32	0.720	50	0.720	68	0.720	86	0.720	104	0.720
15	0.720	33	0.720	51	0.720	69	0.720	87	0.720	105	0.720
16	0.720	34	0.720	52	0.720	70	0.720	88	0.720	106	0.720
17	0.720	35	0.720	53	0.720	71	0.720	89	0.720	107	0.720
18	0.720	36	0.720	54	0.720	72	0.720	90	0.720	108	0.720

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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
127	0.720	172	0.720	217	0.720	262	0.720	307	0.720	352	0.720
128	0.720	173	0.720	218	0.720	263	0.720	308	0.720	353	0.720
129	0.720	174	0.720	219	0.720	264	0.720	309	0.720	354	0.720
130	0.720	175	0.720	220	0.720	265	0.720	310	0.720	355	0.720
131	0.720	176	0.720	221	0.720	266	0.720	311	0.720	356	0.720
132	0.720	177	0.720	222	0.720	267	0.720	312	0.720	357	0.720
133	0.720	178	0.720	223	0.720	268	0.720	313	0.720	358	0.720
134	0.720	179	0.720	224	0.720	269	0.720	314	0.720	359	0.720
135	0.720	180	0.720	225	0.720	270	0.720	315	0.720	360	0.720
136	0.720	181	0.720	226	0.720	271	0.720	316	0.720	361	0.720
137	0.720	182	0.720	227	0.720	272	0.720	317	0.720	362	0.720
138	0.720	183	0.720	228	0.720	273	0.720	318	0.720	363	0.720
139	0.720	184	0.720	229	0.720	274	0.720	319	0.720	364	0.720
140	0.720	185	0.720	230	0.720	275	0.720	320	0.720	365	0.720
141	0.720	186	0.720	231	0.720	276	0.720	321	0.720	366	0.720
142	0.720	187	0.720	232	0.720	277	0.720	322	0.720	367	0.720
143	0.720	188	0.720	233	0.720	278	0.720	323	0.720	368	0.720
144	0.720	189	0.720	234	0.720	279	0.720	324	0.720	369	0.720
145	0.720	190	0.720	235	0.720	280	0.720	325	0.720	370	0.720
146	0.720	191	0.720	236	0.720	281	0.720	326	0.720	371	0.720
147	0.720	192	0.720	237	0.720	282	0.720	327	0.720	372	0.720
148	0.720	193	0.720	238	0.720	283	0.720	328	0.720	373	0.720
149	0.720	194	0.720	239	0.720	284	0.720	329	0.720	374	0.720
150	0.720	195	0.720	240	0.720	285	0.720	330	0.720	375	0.720
151	0.720	196	0.720	241	0.720	286	0.720	331	0.720	376	0.720
152	0.720	197	0.720	242	0.720	287	0.720	332	0.720	377	0.720
153	0.720	198	0.720	243	0.720	288	0.720	333	0.720	378	0.720
154	0.720	199	0.720	244	0.720	289	0.720	334	0.720	379	0.720
155	0.720	200	0.720	245	0.720	290	0.720	335	0.720	380	0.720
156	0.720	201	0.720	246	0.720	291	0.720	336	0.720	381	0.720
157	0.720	202	0.720	247	0.720	292	0.720	337	0.720	382	0.720
158	0.720	203	0.720	248	0.720	293	0.720	338	0.720	383	0.720
159	0.720	204	0.720	249	0.720	294	0.720	339	0.720	384	0.720
160	0.720	205	0.720	250	0.720	295	0.720	340	0.720	385	0.720
161	0.720	206	0.720	251	0.720	296	0.720	341	0.720	386	0.720
162	0.720	207	0.720	252	0.720	297	0.720	342	0.720	387	0.720
163	0.720	208	0.720	253	0.720	298	0.720	343	0.720	388	0.720
164	0.720	209	0.720	254	0.720	299	0.720	344	0.720	389	0.720
165	0.720	210	0.720	255	0.720	300	0.720	345	0.720	390	0.720
166	0.720	211	0.720	256	0.720	301	0.720	346	0.720	391	0.720
167	0.720	212	0.720	257	0.720	302	0.720	347	0.720	392	0.720
168	0.720	213	0.720	258	0.720	303	0.720	348	0.720	393	0.720
169	0.720	214	0.720	259	0.720	304	0.720	349	0.720	394	0.720
170	0.720	215	0.720	260	0.720	305	0.720	350	0.720	395	0.720
171	0.720	216	0.720	261	0.720	306	0.720	351	0.720	396	0.720
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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
442	0.720	487	0.720	532	0.720	577	0.720	622	0.720	667	0.720
443	0.720	488	0.720	533	0.720	578	0.720	623	0.720	668	0.720
444	0.720	489	0.720	534	0.720	579	0.720	624	0.720	669	0.720
445	0.720	490	0.720	535	0.720	580	0.720	625	0.720	670	0.720
446	0.720	491	0.720	536	0.720	581	0.720	626	0.720	671	0.720
447	0.720	492	0.720	537	0.720	582	0.720	627	0.720	672	0.720
448	0.720	493	0.720	538	0.720	583	0.720	628	0.720	673	0.720
449	0.720	494	0.720	539	0.720	584	0.720	629	0.720	674	0.720
450	0.720	495	0.720	540	0.720	585	0.720	630	0.720	675	0.720
451	0.720	496	0.720	541	0.720	586	0.720	631	0.720	676	0.720
452	0.720	497	0.720	542	0.720	587	0.720	632	0.720	677	0.720
453	0.720	498	0.720	543	0.720	588	0.720	633	0.720	678	0.720
454	0.720	499	0.720	544	0.720	589	0.720	634	0.720	679	0.720
455	0.720	500	0.720	545	0.720	590	0.720	635	0.720	680	0.720
456	0.720	501	0.720	546	0.720	591	0.720	636	0.720	681	0.720
457	0.720	502	0.720	547	0.720	592	0.720	637	0.720	682	0.720
458	0.720	503	0.720	548	0.720	593	0.720	638	0.720	683	0.720
459	0.720	504	0.720	549	0.720	594	0.720	639	0.720	684	0.720
460	0.720	505	0.720	550	0.720	595	0.720	640	0.720	685	0.720
461	0.720	506	0.720	551	0.720	596	0.720	641	0.720	686	0.720
462	0.720	507	0.720	552	0.720	597	0.720	642	0.720	687	0.720
463	0.720	508	0.720	553	0.720	598	0.720	643	0.720	688	0.720
464	0.720	509	0.720	554	0.720	599	0.720	644	0.720	689	0.720
465	0.720	510	0.720	555	0.720	600	0.720	645	0.720	690	0.720
466	0.720	511	0.720	556	0.720	601	0.720	646	0.720	691	0.720
467	0.720	512	0.720	557	0.720	602	0.720	647	0.720	692	0.720
468	0.720	513	0.720	558	0.720	603	0.720	648	0.720	693	0.720
469	0.720	514	0.720	559	0.720	604	0.720	649	0.720	694	0.720
470	0.720	515	0.720	560	0.720	605	0.720	650	0.720	695	0.720
471	0.720	516	0.720	561	0.720	606	0.720	651	0.720	696	0.720
472	0.720	517	0.720	562	0.720	607	0.720	652	0.720	697	0.720
473	0.720	518	0.720	563	0.720	608	0.720	653	0.720	698	0.720
474	0.720	519	0.720	564	0.720	609	0.720	654	0.720	699	0.720
475	0.720	520	0.720	565	0.720	610	0.720	655	0.720	700	0.720
476	0.720	521	0.720	566	0.720	611	0.720	656	0.720	701	0.720
477	0.720	522	0.720	567	0.720	612	0.720	657	0.720	702	0.720
478	0.720	523	0.720	568	0.720	613	0.720	658	0.720	703	0.720
479	0.720	524	0.720	569	0.720	614	0.720	659	0.720	704	0.720
480	0.720	525	0.720	570	0.720	615	0.720	660	0.720	705	0.720
481	0.720	526	0.720	571	0.720	616	0.720	661	0.720	706	0.720
482	0.720	527	0.720	572	0.720	617	0.720	662	0.720	707	0.720
483	0.720	528	0.720	573	0.720	618	0.720	663	0.720	708	0.720
484	0.720	529	0.720	574	0.720	619	0.720	664	0.720	709	0.720
485	0.720	530	0.720	575	0.720	620	0.720	665	0.720	710	0.720
486	0.720	531	0.720	576	0.720	621	0.720	666	0.720	711	0.720
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Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
757	0.720	802	0.720	847	0.720	892	0.720	937	0.720	982	0.720	1027	0.720
758	0.720	803	0.720	848	0.720	893	0.720	938	0.720	983	0.720	1028	0.720
759	0.720	804	0.720	849	0.720	894	0.720	939	0.720	984	0.720	1029	0.720
760	0.720	805	0.720	850	0.720	895	0.720	940	0.720	985	0.720	1030	0.720
761	0.720	806	0.720	851	0.720	896	0.720	941	0.720	986	0.720	1031	0.720
762	0.720	807	0.720	852	0.720	897	0.720	942	0.720	987	0.720	1032	0.720
763	0.720	808	0.720	853	0.720	898	0.720	943	0.720	988	0.720	1033	0.720
764	0.720	809	0.720	854	0.720	899	0.720	944	0.720	989	0.720	1034	0.720
765	0.720	810	0.720	855	0.720	900	0.720	945	0.720	990	0.720	1035	0.720
766	0.720	811	0.720	856	0.720	901	0.720	946	0.720	991	0.720	1036	0.720
767	0.720	812	0.720	857	0.720	902	0.720	947	0.720	992	0.720	1037	0.720
768	0.720	813	0.720	858	0.720	903	0.720	948	0.720	993	0.720	1038	0.720
769	0.720	814	0.720	859	0.720	904	0.720	949	0.720	994	0.720	1039	0.720
770	0.720	815	0.720	860	0.720	905	0.720	950	0.720	995	0.720	1040	0.720
771	0.720	816	0.720	861	0.720	906	0.720	951	0.720	996	0.720	1041	0.720
772	0.720	817	0.720	862	0.720	907	0.720	952	0.720	997	0.720	1042	0.720
773	0.720	818	0.720	863	0.720	908	0.720	953	0.720	998	0.720	1043	0.720
774	0.720	819	0.720	864	0.720	909	0.720	954	0.720	999	0.720	1044	0.720
775	0.720	820	0.720	865	0.720	910	0.720	955	0.720	1000	0.720	1045	0.720
776	0.720	821	0.720	866	0.720	911	0.720	956	0.720	1001	0.720	1046	0.720
777	0.720	822	0.720	867	0.720	912	0.720	957	0.720	1002	0.720	1047	0.720
778	0.720	823	0.720	868	0.720	913	0.720	958	0.720	1003	0.720	1048	0.720
779	0.720	824	0.720	869	0.720	914	0.720	959	0.720	1004	0.720	1049	0.720
780	0.720	825	0.720	870	0.720	915	0.720	960	0.720	1005	0.720	1050	0.720
781	0.720	826	0.720	871	0.720	916	0.720	961	0.720	1006	0.720	1051	0.720
782	0.720	827	0.720	872	0.720	917	0.720	962	0.720	1007	0.720	1052	0.720
783	0.720	828	0.720	873	0.720	918	0.720	963	0.720	1008	0.720	1053	0.720
784	0.720	829	0.720	874	0.720	919	0.720	964	0.720	1009	0.720	1054	0.720
785	0.720	830	0.720	875	0.720	920	0.720	965	0.720	1010	0.720	1055	0.720
786	0.720	831	0.720	876	0.720	921	0.720	966	0.720	1011	0.720	1056	0.720
787	0.720	832	0.720	877	0.720	922	0.720	967	0.720	1012	0.720	1057	0.720
788	0.720	833	0.720	878	0.720	923	0.720	968	0.720	1013	0.720	1058	0.720
789	0.720	834	0.720	879	0.720	924	0.720	969	0.720	1014	0.720	1059	0.720
790	0.720	835	0.720	880	0.720	925	0.720	970	0.720	1015	0.720	1060	0.720
791	0.720	836	0.720	881	0.720	926	0.720	971	0.720	1016	0.720	1061	0.720
792	0.720	837	0.720	882	0.720	927	0.720	972	0.720	1017	0.720	1062	0.720
793	0.720	838	0.720	883	0.720	928	0.720	973	0.720	1018	0.720	1063	0.720
794	0.720	839	0.720	884	0.720	929	0.720	974	0.720	1019	0.720	1064	0.720
795	0.720	840	0.720	885	0.720	930	0.720	975	0.720	1020	0.720	1065	0.720
796	0.720	841	0.720	886	0.720	931	0.720	976	0.720	1021	0.720	1066	0.720
797	0.720	842	0.720	887	0.720	932	0.720	977	0.720	1022	0.720	1067	0.720
798	0.720	843	0.720	888	0.720	933	0.720	978	0.720	1023	0.720	1068	0.720
799	0.720	844	0.720	889	0.720	934	0.720	979	0.720	1024	0.720	1069	0.720
800	0.720	845	0.720	890	0.720	935	0.720	980	0.720	1025	0.720	1070	0.720
801	0.720	846	0.720	891	0.720	936	0.720	981	0.720	1026	0.720	1071	0.720
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Surcharged Outfall Details for NETWORK 1.SWS																	
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)						
1072	0.720	1117	0.720	1162	0.720	1207	0.720	1252	0.720	1297	0.720						
1073	0.720	1118	0.720	1163	0.720	1208	0.720	1253	0.720	1298	0.720						
1074	0.720	1119	0.720	1164	0.720	1209	0.720	1254	0.720	1299	0.720						
1075	0.720	1120	0.720	1165	0.720	1210	0.720	1255	0.720	1300	0.720						
1076	0.720	1121	0.720	1166	0.720	1211	0.720	1256	0.720	1301	0.720						
1077	0.720	1122	0.720	1167	0.720	1212	0.720	1257	0.720	1302	0.720						
1078	0.720	1123	0.720	1168	0.720	1213	0.720	1258	0.720	1303	0.720						
1079	0.720	1124	0.720	1169	0.720	1214	0.720	1259	0.720	1304	0.720						
1080	0.720	1125	0.720	1170	0.720	1215	0.720	1260	0.720	1305	0.720						
1081	0.720	1126	0.720	1171	0.720	1216	0.720	1261	0.720	1306	0.720						
1082	0.720	1127	0.720	1172	0.720	1217	0.720	1262	0.720	1307	0.720						
1083	0.720	1128	0.720	1173	0.720	1218	0.720	1263	0.720	1308	0.720						
1084	0.720	1129	0.720	1174	0.720	1219	0.720	1264	0.720	1309	0.720						
1085	0.720	1130	0.720	1175	0.720	1220	0.720	1265	0.720	1310	0.720						
1086	0.720	1131	0.720	1176	0.720	1221	0.720	1266	0.720	1311	0.720						
1087	0.720	1132	0.720	1177	0.720	1222	0.720	1267	0.720	1312	0.720						
1088	0.720	1133	0.720	1178	0.720	1223	0.720	1268	0.720	1313	0.720						
1089	0.720	1134	0.720	1179	0.720	1224	0.720	1269	0.720	1314	0.720						
1090	0.720	1135	0.720	1180	0.720	1225	0.720	1270	0.720	1315	0.720						
1091	0.720	1136	0.720	1181	0.720	1226	0.720	1271	0.720	1316	0.720						
1092	0.720	1137	0.720	1182	0.720	1227	0.720	1272	0.720	1317	0.720						
1093	0.720	1138	0.720	1183	0.720	1228	0.720	1273	0.720	1318	0.720						
1094	0.720	1139	0.720	1184	0.720	1229	0.720	1274	0.720	1319	0.720						
1095	0.720	1140	0.720	1185	0.720	1230	0.720	1275	0.720	1320	0.720						
1096	0.720	1141	0.720	1186	0.720	1231	0.720	1276	0.720	1321	0.720						
1097	0.720	1142	0.720	1187	0.720	1232	0.720	1277	0.720	1322	0.720						
1098	0.720	1143	0.720	1188	0.720	1233	0.720	1278	0.720	1323	0.720						
1099	0.720	1144	0.720	1189	0.720	1234	0.720	1279	0.720	1324	0.720						
1100	0.720	1145	0.720	1190	0.720	1235	0.720	1280	0.720	1325	0.720						
1101	0.720	1146	0.720	1191	0.720	1236	0.720	1281	0.720	1326	0.720						
1102	0.720	1147	0.720	1192	0.720	1237	0.720	1282	0.720	1327	0.720						
1103	0.720	1148	0.720	1193	0.720	1238	0.720	1283	0.720	1328	0.720						
1104	0.720	1149	0.720	1194	0.720	1239	0.720	1284	0.720	1329	0.720						
1105	0.720	1150	0.720	1195	0.720	1240	0.720	1285	0.720	1330	0.720						
1106	0.720	1151	0.720	1196	0.720	1241	0.720	1286	0.720	1331	0.720						
1107	0.720	1152	0.720	1197	0.720	1242	0.720	1287	0.720	1332	0.720						
1108	0.720	1153	0.720	1198	0.720	1243	0.720	1288	0.720	1333	0.720						
1109	0.720	1154	0.720	1199	0.720	1244	0.720	1289	0.720	1334	0.720						
1110	0.720	1155	0.720	1200	0.720	1245	0.720	1290	0.720	1335	0.720						
1111	0.720	1156	0.720	1201	0.720	1246	0.720	1291	0.720	1336	0.720						
1112	0.720	1157	0.720	1202	0.720	1247	0.720	1292	0.720	1337	0.720						
1113	0.720	1158	0.720	1203	0.720	1248	0.720	1293	0.720	1338	0.720						
1114	0.720	1159	0.720	1204	0.720	1249	0.720	1294	0.720	1339	0.720						
1115	0.720	1160	0.720	1205	0.720	1250	0.720	1295	0.720	1340	0.720						
1116	0.720	1161	0.720	1206	0.720	1251	0.720	1296	0.720	1341	0.720						
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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
1387	0.720	1432	0.720	1477	0.720	1522	0.720	1567	0.720	1612	0.720
1388	0.720	1433	0.720	1478	0.720	1523	0.720	1568	0.720	1613	0.720
1389	0.720	1434	0.720	1479	0.720	1524	0.720	1569	0.720	1614	0.720
1390	0.720	1435	0.720	1480	0.720	1525	0.720	1570	0.720	1615	0.720
1391	0.720	1436	0.720	1481	0.720	1526	0.720	1571	0.720	1616	0.720
1392	0.720	1437	0.720	1482	0.720	1527	0.720	1572	0.720	1617	0.720
1393	0.720	1438	0.720	1483	0.720	1528	0.720	1573	0.720	1618	0.720
1394	0.720	1439	0.720	1484	0.720	1529	0.720	1574	0.720	1619	0.720
1395	0.720	1440	0.720	1485	0.720	1530	0.720	1575	0.720	1620	0.720
1396	0.720	1441	0.720	1486	0.720	1531	0.720	1576	0.720	1621	0.720
1397	0.720	1442	0.720	1487	0.720	1532	0.720	1577	0.720	1622	0.720
1398	0.720	1443	0.720	1488	0.720	1533	0.720	1578	0.720	1623	0.720
1399	0.720	1444	0.720	1489	0.720	1534	0.720	1579	0.720	1624	0.720
1400	0.720	1445	0.720	1490	0.720	1535	0.720	1580	0.720	1625	0.720
1401	0.720	1446	0.720	1491	0.720	1536	0.720	1581	0.720	1626	0.720
1402	0.720	1447	0.720	1492	0.720	1537	0.720	1582	0.720	1627	0.720
1403	0.720	1448	0.720	1493	0.720	1538	0.720	1583	0.720	1628	0.720
1404	0.720	1449	0.720	1494	0.720	1539	0.720	1584	0.720	1629	0.720
1405	0.720	1450	0.720	1495	0.720	1540	0.720	1585	0.720	1630	0.720
1406	0.720	1451	0.720	1496	0.720	1541	0.720	1586	0.720	1631	0.720
1407	0.720	1452	0.720	1497	0.720	1542	0.720	1587	0.720	1632	0.720
1408	0.720	1453	0.720	1498	0.720	1543	0.720	1588	0.720	1633	0.720
1409	0.720	1454	0.720	1499	0.720	1544	0.720	1589	0.720	1634	0.720
1410	0.720	1455	0.720	1500	0.720	1545	0.720	1590	0.720	1635	0.720
1411	0.720	1456	0.720	1501	0.720	1546	0.720	1591	0.720	1636	0.720
1412	0.720	1457	0.720	1502	0.720	1547	0.720	1592	0.720	1637	0.720
1413	0.720	1458	0.720	1503	0.720	1548	0.720	1593	0.720	1638	0.720
1414	0.720	1459	0.720	1504	0.720	1549	0.720	1594	0.720	1639	0.720
1415	0.720	1460	0.720	1505	0.720	1550	0.720	1595	0.720	1640	0.720
1416	0.720	1461	0.720	1506	0.720	1551	0.720	1596	0.720	1641	0.720
1417	0.720	1462	0.720	1507	0.720	1552	0.720	1597	0.720	1642	0.720
1418	0.720	1463	0.720	1508	0.720	1553	0.720	1598	0.720	1643	0.720
1419	0.720	1464	0.720	1509	0.720	1554	0.720	1599	0.720	1644	0.720
1420	0.720	1465	0.720	1510	0.720	1555	0.720	1600	0.720	1645	0.720
1421	0.720	1466	0.720	1511	0.720	1556	0.720	1601	0.720	1646	0.720
1422	0.720	1467	0.720	1512	0.720	1557	0.720	1602	0.720	1647	0.720
1423	0.720	1468	0.720	1513	0.720	1558	0.720	1603	0.720	1648	0.720
1424	0.720	1469	0.720	1514	0.720	1559	0.720	1604	0.720	1649	0.720
1425	0.720	1470	0.720	1515	0.720	1560	0.720	1605	0.720	1650	0.720
1426	0.720	1471	0.720	1516	0.720	1561	0.720	1606	0.720	1651	0.720
1427	0.720	1472	0.720	1517	0.720	1562	0.720	1607	0.720	1652	0.720
1428	0.720	1473	0.720	1518	0.720	1563	0.720	1608	0.720	1653	0.720
1429	0.720	1474	0.720	1519	0.720	1564	0.720	1609	0.720	1654	0.720
1430	0.720	1475	0.720	1520	0.720	1565	0.720	1610	0.720	1655	0.720
1431	0.720	1476	0.720	1521	0.720	1566	0.720	1611	0.720	1656	0.720
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Surcharged Outfall Details for NETWORK 1.SWS																
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)			
1702	0.720	1747	0.720	1792	0.720	1837	0.720	1882	0.720	1927	0.720	1972	0.720			
1703	0.720	1748	0.720	1793	0.720	1838	0.720	1883	0.720	1928	0.720	1973	0.720			
1704	0.720	1749	0.720	1794	0.720	1839	0.720	1884	0.720	1929	0.720	1974	0.720			
1705	0.720	1750	0.720	1795	0.720	1840	0.720	1885	0.720	1930	0.720	1975	0.720			
1706	0.720	1751	0.720	1796	0.720	1841	0.720	1886	0.720	1931	0.720	1976	0.720			
1707	0.720	1752	0.720	1797	0.720	1842	0.720	1887	0.720	1932	0.720	1977	0.720			
1708	0.720	1753	0.720	1798	0.720	1843	0.720	1888	0.720	1933	0.720	1978	0.720			
1709	0.720	1754	0.720	1799	0.720	1844	0.720	1889	0.720	1934	0.720	1979	0.720			
1710	0.720	1755	0.720	1800	0.720	1845	0.720	1890	0.720	1935	0.720	1980	0.720			
1711	0.720	1756	0.720	1801	0.720	1846	0.720	1891	0.720	1936	0.720	1981	0.720			
1712	0.720	1757	0.720	1802	0.720	1847	0.720	1892	0.720	1937	0.720	1982	0.720			
1713	0.720	1758	0.720	1803	0.720	1848	0.720	1893	0.720	1938	0.720	1983	0.720			
1714	0.720	1759	0.720	1804	0.720	1849	0.720	1894	0.720	1939	0.720	1984	0.720			
1715	0.720	1760	0.720	1805	0.720	1850	0.720	1895	0.720	1940	0.720	1985	0.720			
1716	0.720	1761	0.720	1806	0.720	1851	0.720	1896	0.720	1941	0.720	1986	0.720			
1717	0.720	1762	0.720	1807	0.720	1852	0.720	1897	0.720	1942	0.720	1987	0.720			
1718	0.720	1763	0.720	1808	0.720	1853	0.720	1898	0.720	1943	0.720	1988	0.720			
1719	0.720	1764	0.720	1809	0.720	1854	0.720	1899	0.720	1944	0.720	1989	0.720			
1720	0.720	1765	0.720	1810	0.720	1855	0.720	1900	0.720	1945	0.720	1990	0.720			
1721	0.720	1766	0.720	1811	0.720	1856	0.720	1901	0.720	1946	0.720	1991	0.720			
1722	0.720	1767	0.720	1812	0.720	1857	0.720	1902	0.720	1947	0.720	1992	0.720			
1723	0.720	1768	0.720	1813	0.720	1858	0.720	1903	0.720	1948	0.720	1993	0.720			
1724	0.720	1769	0.720	1814	0.720	1859	0.720	1904	0.720	1949	0.720	1994	0.720			
1725	0.720	1770	0.720	1815	0.720	1860	0.720	1905	0.720	1950	0.720	1995	0.720			
1726	0.720	1771	0.720	1816	0.720	1861	0.720	1906	0.720	1951	0.720	1996	0.720			
1727	0.720	1772	0.720	1817	0.720	1862	0.720	1907	0.720	1952	0.720	1997	0.720			
1728	0.720	1773	0.720	1818	0.720	1863	0.720	1908	0.720	1953	0.720	1998	0.720			
1729	0.720	1774	0.720	1819	0.720	1864	0.720	1909	0.720	1954	0.720	1999	0.720			
1730	0.720	1775	0.720	1820	0.720	1865	0.720	1910	0.720	1955	0.720	2000	0.720			
1731	0.720	1776	0.720	1821	0.720	1866	0.720	1911	0.720	1956	0.720	2001	0.720			
1732	0.720	1777	0.720	1822	0.720	1867	0.720	1912	0.720	1957	0.720	2002	0.720			
1733	0.720	1778	0.720	1823	0.720	1868	0.720	1913	0.720	1958	0.720	2003	0.720			
1734	0.720	1779	0.720	1824	0.720	1869	0.720	1914	0.720	1959	0.720	2004	0.720			
1735	0.720	1780	0.720	1825	0.720	1870	0.720	1915	0.720	1960	0.720	2005	0.720			
1736	0.720	1781	0.720	1826	0.720	1871	0.720	1916	0.720	1961	0.720	2006	0.720			
1737	0.720	1782	0.720	1827	0.720	1872	0.720	1917	0.720	1962	0.720	2007	0.720			
1738	0.720	1783	0.720	1828	0.720	1873	0.720	1918	0.720	1963	0.720	2008	0.720			
1739	0.720	1784	0.720	1829	0.720	1874	0.720	1919	0.720	1964	0.720	2009	0.720			
1740	0.720	1785	0.720	1830	0.720	1875	0.720	1920	0.720	1965	0.720	2010	0.720			
1741	0.720	1786	0.720	1831	0.720	1876	0.720	1921	0.720	1966	0.720	2011	0.720			
1742	0.720	1787	0.720	1832	0.720	1877	0.720	1922	0.720	1967	0.720	2012	0.720			
1743	0.720	1788	0.720	1833	0.720	1878	0.720	1923	0.720	1968	0.720	2013	0.720			
1744	0.720	1789	0.720	1834	0.720	1879	0.720	1924	0.720	1969	0.720	2014	0.720			
1745	0.720	1790	0.720	1835	0.720	1880	0.720	1925	0.720	1970	0.720	2015	0.720			
1746	0.720	1791	0.720	1836	0.720	1881	0.720	1926	0.720	1971	0.720	2016	0.720			
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Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)				
2017	0.720	2062	0.720	2107	0.720	2152	0.720	2197	0.720	2242	0.720				
2018	0.720	2063	0.720	2108	0.720	2153	0.720	2198	0.720	2243	0.720				
2019	0.720	2064	0.720	2109	0.720	2154	0.720	2199	0.720	2244	0.720				
2020	0.720	2065	0.720	2110	0.720	2155	0.720	2200	0.720	2245	0.720				
2021	0.720	2066	0.720	2111	0.720	2156	0.720	2201	0.720	2246	0.720				
2022	0.720	2067	0.720	2112	0.720	2157	0.720	2202	0.720	2247	0.720				
2023	0.720	2068	0.720	2113	0.720	2158	0.720	2203	0.720	2248	0.720				
2024	0.720	2069	0.720	2114	0.720	2159	0.720	2204	0.720	2249	0.720				
2025	0.720	2070	0.720	2115	0.720	2160	0.720	2205	0.720	2250	0.720				
2026	0.720	2071	0.720	2116	0.720	2161	0.720	2206	0.720	2251	0.720				
2027	0.720	2072	0.720	2117	0.720	2162	0.720	2207	0.720	2252	0.720				
2028	0.720	2073	0.720	2118	0.720	2163	0.720	2208	0.720	2253	0.720				
2029	0.720	2074	0.720	2119	0.720	2164	0.720	2209	0.720	2254	0.720				
2030	0.720	2075	0.720	2120	0.720	2165	0.720	2210	0.720	2255	0.720				
2031	0.720	2076	0.720	2121	0.720	2166	0.720	2211	0.720	2256	0.720				
2032	0.720	2077	0.720	2122	0.720	2167	0.720	2212	0.720	2257	0.720				
2033	0.720	2078	0.720	2123	0.720	2168	0.720	2213	0.720	2258	0.720				
2034	0.720	2079	0.720	2124	0.720	2169	0.720	2214	0.720	2259	0.720				
2035	0.720	2080	0.720	2125	0.720	2170	0.720	2215	0.720	2260	0.720				
2036	0.720	2081	0.720	2126	0.720	2171	0.720	2216	0.720	2261	0.720				
2037	0.720	2082	0.720	2127	0.720	2172	0.720	2217	0.720	2262	0.720				
2038	0.720	2083	0.720	2128	0.720	2173	0.720	2218	0.720	2263	0.720				
2039	0.720	2084	0.720	2129	0.720	2174	0.720	2219	0.720	2264	0.720				
2040	0.720	2085	0.720	2130	0.720	2175	0.720	2220	0.720	2265	0.720				
2041	0.720	2086	0.720	2131	0.720	2176	0.720	2221	0.720	2266	0.720				
2042	0.720	2087	0.720	2132	0.720	2177	0.720	2222	0.720	2267	0.720				
2043	0.720	2088	0.720	2133	0.720	2178	0.720	2223	0.720	2268	0.720				
2044	0.720	2089	0.720	2134	0.720	2179	0.720	2224	0.720	2269	0.720				
2045	0.720	2090	0.720	2135	0.720	2180	0.720	2225	0.720	2270	0.720				
2046	0.720	2091	0.720	2136	0.720	2181	0.720	2226	0.720	2271	0.720				
2047	0.720	2092	0.720	2137	0.720	2182	0.720	2227	0.720	2272	0.720				
2048	0.720	2093	0.720	2138	0.720	2183	0.720	2228	0.720	2273	0.720				
2049	0.720	2094	0.720	2139	0.720	2184	0.720	2229	0.720	2274	0.720				
2050	0.720	2095	0.720	2140	0.720	2185	0.720	2230	0.720	2275	0.720				
2051	0.720	2096	0.720	2141	0.720	2186	0.720	2231	0.720	2276	0.720				
2052	0.720	2097	0.720	2142	0.720	2187	0.720	2232	0.720	2277	0.720				
2053	0.720	2098	0.720	2143	0.720	2188	0.720	2233	0.720	2278	0.720				
2054	0.720	2099	0.720	2144	0.720	2189	0.720	2234	0.720	2279	0.720				
2055	0.720	2100	0.720	2145	0.720	2190	0.720	2235	0.720	2280	0.720				
2056	0.720	2101	0.720	2146	0.720	2191	0.720	2236	0.720	2281	0.720				
2057	0.720	2102	0.720	2147	0.720	2192	0.720	2237	0.720	2282	0.720				
2058	0.720	2103	0.720	2148	0.720	2193	0.720	2238	0.720	2283	0.720				
2059	0.720	2104	0.720	2149	0.720	2194	0.720	2239	0.720	2284	0.720				
2060	0.720	2105	0.720	2150	0.720	2195	0.720	2240	0.720	2285	0.720				
2061	0.720	2106	0.720	2151	0.720	2196	0.720	2241	0.720	2286	0.720				
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File E970 - NETWORK 1 (V3 MAR...					Checked by						
Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
2332	0.720	2377	0.720	2422	0.720	2467	0.720	2512	0.720	2557	0.720
2333	0.720	2378	0.720	2423	0.720	2468	0.720	2513	0.720	2558	0.720
2334	0.720	2379	0.720	2424	0.720	2469	0.720	2514	0.720	2559	0.720
2335	0.720	2380	0.720	2425	0.720	2470	0.720	2515	0.720	2560	0.720
2336	0.720	2381	0.720	2426	0.720	2471	0.720	2516	0.720	2561	0.720
2337	0.720	2382	0.720	2427	0.720	2472	0.720	2517	0.720	2562	0.720
2338	0.720	2383	0.720	2428	0.720	2473	0.720	2518	0.720	2563	0.720
2339	0.720	2384	0.720	2429	0.720	2474	0.720	2519	0.720	2564	0.720
2340	0.720	2385	0.720	2430	0.720	2475	0.720	2520	0.720	2565	0.720
2341	0.720	2386	0.720	2431	0.720	2476	0.720	2521	0.720	2566	0.720
2342	0.720	2387	0.720	2432	0.720	2477	0.720	2522	0.720	2567	0.720
2343	0.720	2388	0.720	2433	0.720	2478	0.720	2523	0.720	2568	0.720
2344	0.720	2389	0.720	2434	0.720	2479	0.720	2524	0.720	2569	0.720
2345	0.720	2390	0.720	2435	0.720	2480	0.720	2525	0.720	2570	0.720
2346	0.720	2391	0.720	2436	0.720	2481	0.720	2526	0.720	2571	0.720
2347	0.720	2392	0.720	2437	0.720	2482	0.720	2527	0.720	2572	0.720
2348	0.720	2393	0.720	2438	0.720	2483	0.720	2528	0.720	2573	0.720
2349	0.720	2394	0.720	2439	0.720	2484	0.720	2529	0.720	2574	0.720
2350	0.720	2395	0.720	2440	0.720	2485	0.720	2530	0.720	2575	0.720
2351	0.720	2396	0.720	2441	0.720	2486	0.720	2531	0.720	2576	0.720
2352	0.720	2397	0.720	2442	0.720	2487	0.720	2532	0.720	2577	0.720
2353	0.720	2398	0.720	2443	0.720	2488	0.720	2533	0.720	2578	0.720
2354	0.720	2399	0.720	2444	0.720	2489	0.720	2534	0.720	2579	0.720
2355	0.720	2400	0.720	2445	0.720	2490	0.720	2535	0.720	2580	0.720
2356	0.720	2401	0.720	2446	0.720	2491	0.720	2536	0.720	2581	0.720
2357	0.720	2402	0.720	2447	0.720	2492	0.720	2537	0.720	2582	0.720
2358	0.720	2403	0.720	2448	0.720	2493	0.720	2538	0.720	2583	0.720
2359	0.720	2404	0.720	2449	0.720	2494	0.720	2539	0.720	2584	0.720
2360	0.720	2405	0.720	2450	0.720	2495	0.720	2540	0.720	2585	0.720
2361	0.720	2406	0.720	2451	0.720	2496	0.720	2541	0.720	2586	0.720
2362	0.720	2407	0.720	2452	0.720	2497	0.720	2542	0.720	2587	0.720
2363	0.720	2408	0.720	2453	0.720	2498	0.720	2543	0.720	2588	0.720
2364	0.720	2409	0.720	2454	0.720	2499	0.720	2544	0.720	2589	0.720
2365	0.720	2410	0.720	2455	0.720	2500	0.720	2545	0.720	2590	0.720
2366	0.720	2411	0.720	2456	0.720	2501	0.720	2546	0.720	2591	0.720
2367	0.720	2412	0.720	2457	0.720	2502	0.720	2547	0.720	2592	0.720
2368	0.720	2413	0.720	2458	0.720	2503	0.720	2548	0.720	2593	0.720
2369	0.720	2414	0.720	2459	0.720	2504	0.720	2549	0.720	2594	0.720
2370	0.720	2415	0.720	2460	0.720	2505	0.720	2550	0.720	2595	0.720
2371	0.720	2416	0.720	2461	0.720	2506	0.720	2551	0.720	2596	0.720
2372	0.720	2417	0.720	2462	0.720	2507	0.720	2552	0.720	2597	0.720
2373	0.720	2418	0.720	2463	0.720	2508	0.720	2553	0.720	2598	0.720
2374	0.720	2419	0.720	2464	0.720	2509	0.720	2554	0.720	2599	0.720
2375	0.720	2420	0.720	2465	0.720	2510	0.720	2555	0.720	2600	0.720
2376	0.720	2421	0.720	2466	0.720	2511	0.720	2556	0.720	2601	0.720
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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
2647	0.720	2692	0.720	2737	0.720	2782	0.720	2827	0.720	2872	0.720
2648	0.720	2693	0.720	2738	0.720	2783	0.720	2828	0.720	2873	0.720
2649	0.720	2694	0.720	2739	0.720	2784	0.720	2829	0.720	2874	0.720
2650	0.720	2695	0.720	2740	0.720	2785	0.720	2830	0.720	2875	0.720
2651	0.720	2696	0.720	2741	0.720	2786	0.720	2831	0.720	2876	0.720
2652	0.720	2697	0.720	2742	0.720	2787	0.720	2832	0.720	2877	0.720
2653	0.720	2698	0.720	2743	0.720	2788	0.720	2833	0.720	2878	0.720
2654	0.720	2699	0.720	2744	0.720	2789	0.720	2834	0.720	2879	0.720
2655	0.720	2700	0.720	2745	0.720	2790	0.720	2835	0.720	2880	0.720
2656	0.720	2701	0.720	2746	0.720	2791	0.720	2836	0.720	2881	0.720
2657	0.720	2702	0.720	2747	0.720	2792	0.720	2837	0.720	2882	0.720
2658	0.720	2703	0.720	2748	0.720	2793	0.720	2838	0.720	2883	0.720
2659	0.720	2704	0.720	2749	0.720	2794	0.720	2839	0.720	2884	0.720
2660	0.720	2705	0.720	2750	0.720	2795	0.720	2840	0.720	2885	0.720
2661	0.720	2706	0.720	2751	0.720	2796	0.720	2841	0.720	2886	0.720
2662	0.720	2707	0.720	2752	0.720	2797	0.720	2842	0.720	2887	0.720
2663	0.720	2708	0.720	2753	0.720	2798	0.720	2843	0.720	2888	0.720
2664	0.720	2709	0.720	2754	0.720	2799	0.720	2844	0.720	2889	0.720
2665	0.720	2710	0.720	2755	0.720	2800	0.720	2845	0.720	2890	0.720
2666	0.720	2711	0.720	2756	0.720	2801	0.720	2846	0.720	2891	0.720
2667	0.720	2712	0.720	2757	0.720	2802	0.720	2847	0.720	2892	0.720
2668	0.720	2713	0.720	2758	0.720	2803	0.720	2848	0.720	2893	0.720
2669	0.720	2714	0.720	2759	0.720	2804	0.720	2849	0.720	2894	0.720
2670	0.720	2715	0.720	2760	0.720	2805	0.720	2850	0.720	2895	0.720
2671	0.720	2716	0.720	2761	0.720	2806	0.720	2851	0.720	2896	0.720
2672	0.720	2717	0.720	2762	0.720	2807	0.720	2852	0.720	2897	0.720
2673	0.720	2718	0.720	2763	0.720	2808	0.720	2853	0.720	2898	0.720
2674	0.720	2719	0.720	2764	0.720	2809	0.720	2854	0.720	2899	0.720
2675	0.720	2720	0.720	2765	0.720	2810	0.720	2855	0.720	2900	0.720
2676	0.720	2721	0.720	2766	0.720	2811	0.720	2856	0.720	2901	0.720
2677	0.720	2722	0.720	2767	0.720	2812	0.720	2857	0.720	2902	0.720
2678	0.720	2723	0.720	2768	0.720	2813	0.720	2858	0.720	2903	0.720
2679	0.720	2724	0.720	2769	0.720	2814	0.720	2859	0.720	2904	0.720
2680	0.720	2725	0.720	2770	0.720	2815	0.720	2860	0.720	2905	0.720
2681	0.720	2726	0.720	2771	0.720	2816	0.720	2861	0.720	2906	0.720
2682	0.720	2727	0.720	2772	0.720	2817	0.720	2862	0.720	2907	0.720
2683	0.720	2728	0.720	2773	0.720	2818	0.720	2863	0.720	2908	0.720
2684	0.720	2729	0.720	2774	0.720	2819	0.720	2864	0.720	2909	0.720
2685	0.720	2730	0.720	2775	0.720	2820	0.720	2865	0.720	2910	0.720
2686	0.720	2731	0.720	2776	0.720	2821	0.720	2866	0.720	2911	0.720
2687	0.720	2732	0.720	2777	0.720	2822	0.720	2867	0.720	2912	0.720
2688	0.720	2733	0.720	2778	0.720	2823	0.720	2868	0.720	2913	0.720
2689	0.720	2734	0.720	2779	0.720	2824	0.720	2869	0.720	2914	0.720
2690	0.720	2735	0.720	2780	0.720	2825	0.720	2870	0.720	2915	0.720
2691	0.720	2736	0.720	2781	0.720	2826	0.720	2871	0.720	2916	0.720
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Innovyze						Network 2018.1.1					
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
2962	0.720	3007	0.720	3052	0.720	3097	0.720	3142	0.720	3187	0.720
2963	0.720	3008	0.720	3053	0.720	3098	0.720	3143	0.720	3188	0.720
2964	0.720	3009	0.720	3054	0.720	3099	0.720	3144	0.720	3189	0.720
2965	0.720	3010	0.720	3055	0.720	3100	0.720	3145	0.720	3190	0.720
2966	0.720	3011	0.720	3056	0.720	3101	0.720	3146	0.720	3191	0.720
2967	0.720	3012	0.720	3057	0.720	3102	0.720	3147	0.720	3192	0.720
2968	0.720	3013	0.720	3058	0.720	3103	0.720	3148	0.720	3193	0.720
2969	0.720	3014	0.720	3059	0.720	3104	0.720	3149	0.720	3194	0.720
2970	0.720	3015	0.720	3060	0.720	3105	0.720	3150	0.720	3195	0.720
2971	0.720	3016	0.720	3061	0.720	3106	0.720	3151	0.720	3196	0.720
2972	0.720	3017	0.720	3062	0.720	3107	0.720	3152	0.720	3197	0.720
2973	0.720	3018	0.720	3063	0.720	3108	0.720	3153	0.720	3198	0.720
2974	0.720	3019	0.720	3064	0.720	3109	0.720	3154	0.720	3199	0.720
2975	0.720	3020	0.720	3065	0.720	3110	0.720	3155	0.720	3200	0.720
2976	0.720	3021	0.720	3066	0.720	3111	0.720	3156	0.720	3201	0.720
2977	0.720	3022	0.720	3067	0.720	3112	0.720	3157	0.720	3202	0.720
2978	0.720	3023	0.720	3068	0.720	3113	0.720	3158	0.720	3203	0.720
2979	0.720	3024	0.720	3069	0.720	3114	0.720	3159	0.720	3204	0.720
2980	0.720	3025	0.720	3070	0.720	3115	0.720	3160	0.720	3205	0.720
2981	0.720	3026	0.720	3071	0.720	3116	0.720	3161	0.720	3206	0.720
2982	0.720	3027	0.720	3072	0.720	3117	0.720	3162	0.720	3207	0.720
2983	0.720	3028	0.720	3073	0.720	3118	0.720	3163	0.720	3208	0.720
2984	0.720	3029	0.720	3074	0.720	3119	0.720	3164	0.720	3209	0.720
2985	0.720	3030	0.720	3075	0.720	3120	0.720	3165	0.720	3210	0.720
2986	0.720	3031	0.720	3076	0.720	3121	0.720	3166	0.720	3211	0.720
2987	0.720	3032	0.720	3077	0.720	3122	0.720	3167	0.720	3212	0.720
2988	0.720	3033	0.720	3078	0.720	3123	0.720	3168	0.720	3213	0.720
2989	0.720	3034	0.720	3079	0.720	3124	0.720	3169	0.720	3214	0.720
2990	0.720	3035	0.720	3080	0.720	3125	0.720	3170	0.720	3215	0.720
2991	0.720	3036	0.720	3081	0.720	3126	0.720	3171	0.720	3216	0.720
2992	0.720	3037	0.720	3082	0.720	3127	0.720	3172	0.720	3217	0.720
2993	0.720	3038	0.720	3083	0.720	3128	0.720	3173	0.720	3218	0.720
2994	0.720	3039	0.720	3084	0.720	3129	0.720	3174	0.720	3219	0.720
2995	0.720	3040	0.720	3085	0.720	3130	0.720	3175	0.720	3220	0.720
2996	0.720	3041	0.720	3086	0.720	3131	0.720	3176	0.720	3221	0.720
2997	0.720	3042	0.720	3087	0.720	3132	0.720	3177	0.720	3222	0.720
2998	0.720	3043	0.720	3088	0.720	3133	0.720	3178	0.720	3223	0.720
2999	0.720	3044	0.720	3089	0.720	3134	0.720	3179	0.720	3224	0.720
3000	0.720	3045	0.720	3090	0.720	3135	0.720	3180	0.720	3225	0.720
3001	0.720	3046	0.720	3091	0.720	3136	0.720	3181	0.720	3226	0.720
3002	0.720	3047	0.720	3092	0.720	3137	0.720	3182	0.720	3227	0.720
3003	0.720	3048	0.720	3093	0.720	3138	0.720	3183	0.720	3228	0.720
3004	0.720	3049	0.720	3094	0.720	3139	0.720	3184	0.720	3229	0.720
3005	0.720	3050	0.720	3095	0.720	3140	0.720	3185	0.720	3230	0.720
3006	0.720	3051	0.720	3096	0.720	3141	0.720	3186	0.720	3231	0.720
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Innovyze						Network 2018.1.1					
<u>Surcharged Outfall Details for NETWORK 1.SWS</u>											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
3277	0.720	3322	0.720	3367	0.720	3412	0.720	3457	0.720	3502	0.720
3278	0.720	3323	0.720	3368	0.720	3413	0.720	3458	0.720	3503	0.720
3279	0.720	3324	0.720	3369	0.720	3414	0.720	3459	0.720	3504	0.720
3280	0.720	3325	0.720	3370	0.720	3415	0.720	3460	0.720	3505	0.720
3281	0.720	3326	0.720	3371	0.720	3416	0.720	3461	0.720	3506	0.720
3282	0.720	3327	0.720	3372	0.720	3417	0.720	3462	0.720	3507	0.720
3283	0.720	3328	0.720	3373	0.720	3418	0.720	3463	0.720	3508	0.720
3284	0.720	3329	0.720	3374	0.720	3419	0.720	3464	0.720	3509	0.720
3285	0.720	3330	0.720	3375	0.720	3420	0.720	3465	0.720	3510	0.720
3286	0.720	3331	0.720	3376	0.720	3421	0.720	3466	0.720	3511	0.720
3287	0.720	3332	0.720	3377	0.720	3422	0.720	3467	0.720	3512	0.720
3288	0.720	3333	0.720	3378	0.720	3423	0.720	3468	0.720	3513	0.720
3289	0.720	3334	0.720	3379	0.720	3424	0.720	3469	0.720	3514	0.720
3290	0.720	3335	0.720	3380	0.720	3425	0.720	3470	0.720	3515	0.720
3291	0.720	3336	0.720	3381	0.720	3426	0.720	3471	0.720	3516	0.720
3292	0.720	3337	0.720	3382	0.720	3427	0.720	3472	0.720	3517	0.720
3293	0.720	3338	0.720	3383	0.720	3428	0.720	3473	0.720	3518	0.720
3294	0.720	3339	0.720	3384	0.720	3429	0.720	3474	0.720	3519	0.720
3295	0.720	3340	0.720	3385	0.720	3430	0.720	3475	0.720	3520	0.720
3296	0.720	3341	0.720	3386	0.720	3431	0.720	3476	0.720	3521	0.720
3297	0.720	3342	0.720	3387	0.720	3432	0.720	3477	0.720	3522	0.720
3298	0.720	3343	0.720	3388	0.720	3433	0.720	3478	0.720	3523	0.720
3299	0.720	3344	0.720	3389	0.720	3434	0.720	3479	0.720	3524	0.720
3300	0.720	3345	0.720	3390	0.720	3435	0.720	3480	0.720	3525	0.720
3301	0.720	3346	0.720	3391	0.720	3436	0.720	3481	0.720	3526	0.720
3302	0.720	3347	0.720	3392	0.720	3437	0.720	3482	0.720	3527	0.720
3303	0.720	3348	0.720	3393	0.720	3438	0.720	3483	0.720	3528	0.720
3304	0.720	3349	0.720	3394	0.720	3439	0.720	3484	0.720	3529	0.720
3305	0.720	3350	0.720	3395	0.720	3440	0.720	3485	0.720	3530	0.720
3306	0.720	3351	0.720	3396	0.720	3441	0.720	3486	0.720	3531	0.720

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33 Beaumaris Drive Gedling Nottingham NG4 2RA											
Date 01/01/0001						Designed by JoWard					
File E970 - NETWORK 1 (V3 MAR...						Checked by					
Innovyze						Network 2018.1.1					
<u>Surcharged Outfall Details for NETWORK 1.SWS</u>											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
3592	0.720	3637	0.720	3682	0.720	3727	0.720	3772	0.720	3817	0.720
3593	0.720	3638	0.720	3683	0.720	3728	0.720	3773	0.720	3818	0.720
3594	0.720	3639	0.720	3684	0.720	3729	0.720	3774	0.720	3819	0.720
3595	0.720	3640	0.720	3685	0.720	3730	0.720	3775	0.720	3820	0.720
3596	0.720	3641	0.720	3686	0.720	3731	0.720	3776	0.720	3821	0.720
3597	0.720	3642	0.720	3687	0.720	3732	0.720	3777	0.720	3822	0.720
3598	0.720	3643	0.720	3688	0.720	3733	0.720	3778	0.720	3823	0.720
3599	0.720	3644	0.720	3689	0.720	3734	0.720	3779	0.720	3824	0.720
3600	0.720	3645	0.720	3690	0.720	3735	0.720	3780	0.720	3825	0.720
3601	0.720	3646	0.720	3691	0.720	3736	0.720	3781	0.720	3826	0.720
3602	0.720	3647	0.720	3692	0.720	3737	0.720	3782	0.720	3827	0.720
3603	0.720	3648	0.720	3693	0.720	3738	0.720	3783	0.720	3828	0.720
3604	0.720	3649	0.720	3694	0.720	3739	0.720	3784	0.720	3829	0.720
3605	0.720	3650	0.720	3695	0.720	3740	0.720	3785	0.720	3830	0.720
3606	0.720	3651	0.720	3696	0.720	3741	0.720	3786	0.720	3831	0.720
3607	0.720	3652	0.720	3697	0.720	3742	0.720	3787	0.720	3832	0.720
3608	0.720	3653	0.720	3698	0.720	3743	0.720	3788	0.720	3833	0.720
3609	0.720	3654	0.720	3699	0.720	3744	0.720	3789	0.720	3834	0.720
3610	0.720	3655	0.720	3700	0.720	3745	0.720	3790	0.720	3835	0.720
3611	0.720	3656	0.720	3701	0.720	3746	0.720	3791	0.720	3836	0.720
3612	0.720	3657	0.720	3702	0.720	3747	0.720	3792	0.720	3837	0.720
3613	0.720	3658	0.720	3703	0.720	3748	0.720	3793	0.720	3838	0.720
3614	0.720	3659	0.720	3704	0.720	3749	0.720	3794	0.720	3839	0.720
3615	0.720	3660	0.720	3705	0.720	3750	0.720	3795	0.720	3840	0.720
3616	0.720	3661	0.720	3706	0.720	3751	0.720	3796	0.720	3841	0.720
3617	0.720	3662	0.720	3707	0.720	3752	0.720	3797	0.720	3842	0.720
3618	0.720	3663	0.720	3708	0.720	3753	0.720	3798	0.720	3843	0.720
3619	0.720	3664	0.720	3709	0.720	3754	0.720	3799	0.720	3844	0.720
3620	0.720	3665	0.720	3710	0.720	3755	0.720	3800	0.720	3845	0.720
3621	0.720	3666	0.720	3711	0.720	3756	0.720	3801	0.720	3846	0.720

Designed by JoWard
Checked by



Network 2018.1.1

Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
4222	0.720	4267	0.720	4312	0.720	4357	0.720	4402	0.720	4447	0.720	4492	0.720
4223	0.720	4268	0.720	4313	0.720	4358	0.720	4403	0.720	4448	0.720	4493	0.720
4224	0.720	4269	0.720	4314	0.720	4359	0.720	4404	0.720	4449	0.720	4494	0.720
4225	0.720	4270	0.720	4315	0.720	4360	0.720	4405	0.720	4450	0.720	4495	0.720
4226	0.720	4271	0.720	4316	0.720	4361	0.720	4406	0.720	4451	0.720	4496	0.720
4227	0.720	4272	0.720	4317	0.720	4362	0.720	4407	0.720	4452	0.720	4497	0.720
4228	0.720	4273	0.720	4318	0.720	4363	0.720	4408	0.720	4453	0.720	4498	0.720
4229	0.720	4274	0.720	4319	0.720	4364	0.720	4409	0.720	4454	0.720	4499	0.720
4230	0.720	4275	0.720	4320	0.720	4365	0.720	4410	0.720	4455	0.720	4500	0.720
4231	0.720	4276	0.720	4321	0.720	4366	0.720	4411	0.720	4456	0.720	4501	0.720
4232	0.720	4277	0.720	4322	0.720	4367	0.720	4412	0.720	4457	0.720	4502	0.720
4233	0.720	4278	0.720	4323	0.720	4368	0.720	4413	0.720	4458	0.720	4503	0.720
4234	0.720	4279	0.720	4324	0.720	4369	0.720	4414	0.720	4459	0.720	4504	0.720
4235	0.720	4280	0.720	4325	0.720	4370	0.720	4415	0.720	4460	0.720	4505	0.720
4236	0.720	4281	0.720	4326	0.720	4371	0.720	4416	0.720	4461	0.720	4506	0.720
4237	0.720	4282	0.720	4327	0.720	4372	0.720	4417	0.720	4462	0.720	4507	0.720
4238	0.720	4283	0.720	4328	0.720	4373	0.720	4418	0.720	4463	0.720	4508	0.720
4239	0.720	4284	0.720	4329	0.720	4374	0.720	4419	0.720	4464	0.720	4509	0.720
4240	0.720	4285	0.720	4330	0.720	4375	0.720	4420	0.720	4465	0.720	4510	0.720
4241	0.720	4286	0.720	4331	0.720	4376	0.720	4421	0.720	4466	0.720	4511	0.720
4242	0.720	4287	0.720	4332	0.720	4377	0.720	4422	0.720	4467	0.720	4512	0.720
4243	0.720	4288	0.720	4333	0.720	4378	0.720	4423	0.720	4468	0.720	4513	0.720
4244	0.720	4289	0.720	4334	0.720	4379	0.720	4424	0.720	4469	0.720	4514	0.720
4245	0.720	4290	0.720	4335	0.720	4380	0.720	4425	0.720	4470	0.720	4515	0.720
4246	0.720	4291	0.720	4336	0.720	4381	0.720	4426	0.720	4471	0.720	4516	0.720
4247	0.720	4292	0.720	4337	0.720	4382	0.720	4427	0.720	4472	0.720	4517	0.720
4248	0.720	4293	0.720	4338	0.720	4383	0.720	4428	0.720	4473	0.720	4518	0.720
4249	0.720	4294	0.720	4339	0.720	4384	0.720	4429	0.720	4474	0.720	4519	0.720
4250	0.720	4295	0.720	4340	0.720	4385	0.720	4430	0.720	4475	0.720</		

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Date 01/01/0001 File E970 - NETWORK 1 (V3 MAR...										Designed by JoWard Checked by	
Innovyze										Network 2018.1.1	
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
4537	0.720	4582	0.720	4627	0.720	4672	0.720	4717	0.720	4762	0.720
4538	0.720	4583	0.720	4628	0.720	4673	0.720	4718	0.720	4763	0.720
4539	0.720	4584	0.720	4629	0.720	4674	0.720	4719	0.720	4764	0.720
4540	0.720	4585	0.720	4630	0.720	4675	0.720	4720	0.720	4765	0.720
4541	0.720	4586	0.720	4631	0.720	4676	0.720	4721	0.720	4766	0.720
4542	0.720	4587	0.720	4632	0.720	4677	0.720	4722	0.720	4767	0.720
4543	0.720	4588	0.720	4633	0.720	4678	0.720	4723	0.720	4768	0.720
4544	0.720	4589	0.720	4634	0.720	4679	0.720	4724	0.720	4769	0.720
4545	0.720	4590	0.720	4635	0.720	4680	0.720	4725	0.720	4770	0.720
4546	0.720	4591	0.720	4636	0.720	4681	0.720	4726	0.720	4771	0.720
4547	0.720	4592	0.720	4637	0.720	4682	0.720	4727	0.720	4772	0.720
4548	0.720	4593	0.720	4638	0.720	4683	0.720	4728	0.720	4773	0.720
4549	0.720	4594	0.720	4639	0.720	4684	0.720	4729	0.720	4774	0.720
4550	0.720	4595	0.720	4640	0.720	4685	0.720	4730	0.720	4775	0.720
4551	0.720	4596	0.720	4641	0.720	4686	0.720	4731	0.720	4776	0.720
4552	0.720	4597	0.720	4642	0.720	4687	0.720	4732	0.720	4777	0.720
4553	0.720	4598	0.720	4643	0.720	4688	0.720	4733	0.720	4778	0.720
4554	0.720	4599	0.720	4644	0.720	4689	0.720	4734	0.720	4779	0.720
4555	0.720	4600	0.720	4645	0.720	4690	0.720	4735	0.720	4780	0.720
4556	0.720	4601	0.720	4646	0.720	4691	0.720	4736	0.720	4781	0.720
4557	0.720	4602	0.720	4647	0.720	4692	0.720	4737	0.720	4782	0.720
4558	0.720	4603	0.720	4648	0.720	4693	0.720	4738	0.720	4783	0.720
4559	0.720	4604	0.720	4649	0.720	4694	0.720	4739	0.720	4784	0.720
4560	0.720	4605	0.720	4650	0.720	4695	0.720	4740	0.720	4785	0.720
4561	0.720	4606	0.720	4651	0.720	4696	0.720	4741	0.720	4786	0.720
4562	0.720	4607	0.720	4652	0.720	4697	0.720	4742	0.720	4787	0.720
4563	0.720	4608	0.720	4653	0.720	4698	0.720	4743	0.720	4788	0.720
4564	0.720	4609	0.720	4654	0.720	4699	0.720	4744	0.720	4789	0.720
4565	0.720	4610	0.720	4655	0.720	4700	0.720	4745	0.720	4790	0.720
4566	0.720	4611	0.720	4656	0.720	4701	0.720	4746	0.720	4791	0.720
4567	0.720	4612	0.720	4657	0.720	4702	0.720	4747	0.720	4792	0.720
4568	0.720	4613	0.720	4658	0.720	4703	0.720	4748	0.720	4793	0.720
4569	0.720	4614	0.720	4659	0.720	4704	0.720	4749	0.720	4794	0.720
4570	0.720	4615	0.720	4660	0.720	4705	0.720	4750	0.720	4795	0.720
4571	0.720	4616	0.720	4661	0.720	4706	0.720	4751	0.720	4796	0.720
4572	0.720	4617	0.720	4662	0.720	4707	0.720	4752	0.720	4797	0.720
4573	0.720	4618	0.720	4663	0.720	4708	0.720	4753	0.720	4798	0.720
4574	0.720	4619	0.720	4664	0.720	4709	0.720	4754	0.720	4799	0.720
4575	0.720	4620	0.720	4665	0.720	4710	0.720	4755	0.720	4800	0.720
4576	0.720	4621	0.720	4666	0.720	4711	0.720	4756	0.720	4801	0.720
4577	0.720	4622	0.720	4667	0.720	4712	0.720	4757	0.720	4802	0.720
4578	0.720	4623	0.720	4668	0.720	4713	0.720	4758	0.720	4803	0.720
4579	0.720	4624	0.720	4669	0.720	4714	0.720	4759	0.720	4804	0.720
4580	0.720	4625	0.720	4670	0.720	4715	0.720	4760	0.720	4805	0.720
4581	0.720	4626	0.720	4671	0.720	4716	0.720	4761	0.720	4806	0.720
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Date 01/01/0001 File E970 - NETWORK 1 (V3 MAR...				Designed by JoWard Checked by							
Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
4852	0.720	4897	0.720	4942	0.720	4987	0.720	5032	0.720	5077	0.720
4853	0.720	4898	0.720	4943	0.720	4988	0.720	5033	0.720	5078	0.720
4854	0.720	4899	0.720	4944	0.720	4989	0.720	5034	0.720	5079	0.720
4855	0.720	4900	0.720	4945	0.720	4990	0.720	5035	0.720	5080	0.720
4856	0.720	4901	0.720	4946	0.720	4991	0.720	5036	0.720	5081	0.720
4857	0.720	4902	0.720	4947	0.720	4992	0.720	5037	0.720	5082	0.720
4858	0.720	4903	0.720	4948	0.720	4993	0.720	5038	0.720	5083	0.720
4859	0.720	4904	0.720	4949	0.720	4994	0.720	5039	0.720	5084	0.720
4860	0.720	4905	0.720	4950	0.720	4995	0.720	5040	0.720	5085	0.720
4861	0.720	4906	0.720	4951	0.720	4996	0.720	5041	0.720	5086	0.720
4862	0.720	4907	0.720	4952	0.720	4997	0.720	5042	0.720	5087	0.720
4863	0.720	4908	0.720	4953	0.720	4998	0.720	5043	0.720	5088	0.720
4864	0.720	4909	0.720	4954	0.720	4999	0.720	5044	0.720	5089	0.720
4865	0.720	4910	0.720	4955	0.720	5000	0.720	5045	0.720	5090	0.720
4866	0.720	4911	0.720	4956	0.720	5001	0.720	5046	0.720	5091	0.720
4867	0.720	4912	0.720	4957	0.720	5002	0.720	5047	0.720	5092	0.720
4868	0.720	4913	0.720	4958	0.720	5003	0.720	5048	0.720	5093	0.720
4869	0.720	4914	0.720	4959	0.720	5004	0.720	5049	0.720	5094	0.720
4870	0.720	4915	0.720	4960	0.720	5005	0.720	5050	0.720	5095	0.720
4871	0.720	4916	0.720	4961	0.720	5006	0.720	5051	0.720	5096	0.720
4872	0.720	4917	0.720	4962	0.720	5007	0.720	5052	0.720	5097	0.720
4873	0.720	4918	0.720	4963	0.720	5008	0.720	5053	0.720	5098	0.720
4874	0.720	4919	0.720	4964	0.720	5009	0.720	5054	0.720	5099	0.720
4875	0.720	4920	0.720	4965	0.720	5010	0.720	5055	0.720	5100	0.720
4876	0.720	4921	0.720	4966	0.720	5011	0.720	5056	0.720	5101	0.720
4877	0.720	4922	0.720	4967	0.720	5012	0.720	5057	0.720	5102	0.720
4878	0.720	4923	0.720	4968	0.720	5013	0.720	5058	0.720	5103	0.720
4879	0.720	4924	0.720	4969	0.720	5014	0.720	5059	0.720	5104	0.720
4880	0.720	4925	0.720	4970	0.720	5015	0.720	5060	0.720	5105	0.720
4881	0.720	4926	0.720	4971	0.720	5016	0.720	5061	0.720	5106	0.720
4882	0.720	4927	0.720	4972	0.720	5017	0.720	5062	0.720	5107	0.720
4883	0.720	4928	0.720	4973	0.720	5018	0.720	5063	0.720	5108	0.720
4884	0.720	4929	0.720	4974	0.720	5019	0.720	5064	0.720	5109	0.720
4885	0.720	4930	0.720	4975	0.720	5020	0.720	5065	0.720	5110	0.720
4886	0.720	4931	0.720	4976	0.720	5021	0.720	5066	0.720	5111	0.720
4887	0.720	4932	0.720	4977	0.720	5022	0.720	5067	0.720	5112	0.720
4888	0.720	4933	0.720	4978	0.720	5023	0.720	5068	0.720	5113	0.720
4889	0.720	4934	0.720	4979	0.720	5024	0.720	5069	0.720	5114	0.720
4890	0.720	4935	0.720	4980	0.720	5025	0.720	5070	0.720	5115	0.720
4891	0.720	4936	0.720	4981	0.720	5026	0.720	5071	0.720	5116	0.720
4892	0.720	4937	0.720	4982	0.720	5027	0.720	5072	0.720	5117	0.720
4893	0.720	4938	0.720	4983	0.720	5028	0.720	5073	0.720	5118	0.720
4894	0.720	4939	0.720	4984	0.720	5029	0.720	5074	0.720	5119	0.720
4895	0.720	4940	0.720	4985	0.720	5030	0.720	5075	0.720	5120	0.720
4896	0.720	4941	0.720	4986	0.720	5031	0.720	5076	0.720	5121	0.720
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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
5482	0.720	5527	0.720	5572	0.720	5617	0.720	5662	0.720	5707	0.720
5483	0.720	5528	0.720	5573	0.720	5618	0.720	5663	0.720	5708	0.720
5484	0.720	5529	0.720	5574	0.720	5619	0.720	5664	0.720	5709	0.720
5485	0.720	5530	0.720	5575	0.720	5620	0.720	5665	0.720	5710	0.720
5486	0.720	5531	0.720	5576	0.720	5621	0.720	5666	0.720	5711	0.720
5487	0.720	5532	0.720	5577	0.720	5622	0.720	5667	0.720	5712	0.720
5488	0.720	5533	0.720	5578	0.720	5623	0.720	5668	0.720	5713	0.720
5489	0.720	5534	0.720	5579	0.720	5624	0.720	5669	0.720	5714	0.720
5490	0.720	5535	0.720	5580	0.720	5625	0.720	5670	0.720	5715	0.720
5491	0.720	5536	0.720	5581	0.720	5626	0.720	5671	0.720	5716	0.720
5492	0.720	5537	0.720	5582	0.720	5627	0.720	5672	0.720	5717	0.720
5493	0.720	5538	0.720	5583	0.720	5628	0.720	5673	0.720	5718	0.720
5494	0.720	5539	0.720	5584	0.720	5629	0.720	5674	0.720	5719	0.720
5495	0.720	5540	0.720	5585	0.720	5630	0.720	5675	0.720	5720	0.720
5496	0.720	5541	0.720	5586	0.720	5631	0.720	5676	0.720	5721	0.720
5497	0.720	5542	0.720	5587	0.720	5632	0.720	5677	0.720	5722	0.720
5498	0.720	5543	0.720	5588	0.720	5633	0.720	5678	0.720	5723	0.720
5499	0.720	5544	0.720	5589	0.720	5634	0.720	5679	0.720	5724	0.720
5500	0.720	5545	0.720	5590	0.720	5635	0.720	5680	0.720	5725	0.720
5501	0.720	5546	0.720	5591	0.720	5636	0.720	5681	0.720	5726	0.720
5502	0.720	5547	0.720	5592	0.720	5637	0.720	5682	0.720	5727	0.720
5503	0.720	5548	0.720	5593	0.720	5638	0.720	5683	0.720	5728	0.720
5504	0.720	5549	0.720	5594	0.720	5639	0.720	5684	0.720	5729	0.720
5505	0.720	5550	0.720	5595	0.720	5640	0.720	5685	0.720	5730	0.720
5506	0.720	5551	0.720	5596	0.720	5641	0.720	5686	0.720	5731	0.720
5507	0.720	5552	0.720	5597	0.720	5642	0.720	5687	0.720	5732	0.720
5508	0.720	5553	0.720	5598	0.720	5643	0.720	5688	0.720	5733	0.720
5509	0.720	5554	0.720	5599	0.720	5644	0.720	5689	0.720	5734	0.720
5510	0.720	5555	0.720	5600	0.720	5645	0.720	5690	0.720	5735	0.720
5511	0.720	5556	0.720	5601	0.720	5646	0.720	5691	0.720	5736	0.720
5512	0.720	5557	0.720	5602	0.720	5647	0.720	5692	0.720	5737	0.720
5513	0.720	5558	0.720	5603	0.720	5648	0.720	5693	0.720	5738	0.720
5514	0.720	5559	0.720	5604	0.720	5649	0.720	5694	0.720	5739	0.720
5515	0.720	5560	0.720	5605	0.720	5650	0.720	5695	0.720	5740	0.720
5516	0.720	5561	0.720	5606	0.720	5651	0.720	5696	0.720	5741	0.720
5517	0.720	5562	0.720	5607	0.720	5652	0.720	5697	0.720	5742	0.720
5518	0.720	5563	0.720	5608	0.720	5653	0.720	5698	0.720	5743	0.720
5519	0.720	5564	0.720	5609	0.720	5654	0.720	5699	0.720	5744	0.720
5520	0.720	5565	0.720	5610	0.720	5655	0.720	5700	0.720	5745	0.720
5521	0.720	5566	0.720	5611	0.720	5656	0.720	5701	0.720	5746	0.720
5522	0.720	5567	0.720	5612	0.720	5657	0.720	5702	0.720	5747	0.720
5523	0.720	5568	0.720	5613	0.720	5658	0.720	5703	0.720	5748	0.720
5524	0.720	5569	0.720	5614	0.720	5659	0.720	5704	0.720	5749	0.720
5525	0.720	5570	0.720	5615	0.720	5660	0.720	5705	0.720	5750	0.720
5526	0.720	5571	0.720	5616	0.720	5661	0.720	5706	0.720	5751	0.720
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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
5797	0.720	5842	0.720	5887	0.720	5932	0.720	5977	0.720	6022	0.720
5798	0.720	5843	0.720	5888	0.720	5933	0.720	5978	0.720	6023	0.720
5799	0.720	5844	0.720	5889	0.720	5934	0.720	5979	0.720	6024	0.720
5800	0.720	5845	0.720	5890	0.720	5935	0.720	5980	0.720	6025	0.720
5801	0.720	5846	0.720	5891	0.720	5936	0.720	5981	0.720	6026	0.720
5802	0.720	5847	0.720	5892	0.720	5937	0.720	5982	0.720	6027	0.720
5803	0.720	5848	0.720	5893	0.720	5938	0.720	5983	0.720	6028	0.720
5804	0.720	5849	0.720	5894	0.720	5939	0.720	5984	0.720	6029	0.720
5805	0.720	5850	0.720	5895	0.720	5940	0.720	5985	0.720	6030	0.720
5806	0.720	5851	0.720	5896	0.720	5941	0.720	5986	0.720	6031	0.720
5807	0.720	5852	0.720	5897	0.720	5942	0.720	5987	0.720	6032	0.720
5808	0.720	5853	0.720	5898	0.720	5943	0.720	5988	0.720	6033	0.720
5809	0.720	5854	0.720	5899	0.720	5944	0.720	5989	0.720	6034	0.720
5810	0.720	5855	0.720	5900	0.720	5945	0.720	5990	0.720	6035	0.720
5811	0.720	5856	0.720	5901	0.720	5946	0.720	5991	0.720	6036	0.720
5812	0.720	5857	0.720	5902	0.720	5947	0.720	5992	0.720	6037	0.720
5813	0.720	5858	0.720	5903	0.720	5948	0.720	5993	0.720	6038	0.720
5814	0.720	5859	0.720	5904	0.720	5949	0.720	5994	0.720	6039	0.720
5815	0.720	5860	0.720	5905	0.720	5950	0.720	5995	0.720	6040	0.720
5816	0.720	5861	0.720	5906	0.720	5951	0.720	5996	0.720	6041	0.720
5817	0.720	5862	0.720	5907	0.720	5952	0.720	5997	0.720	6042	0.720
5818	0.720	5863	0.720	5908	0.720	5953	0.720	5998	0.720	6043	0.720
5819	0.720	5864	0.720	5909	0.720	5954	0.720	5999	0.720	6044	0.720
5820	0.720	5865	0.720	5910	0.720	5955	0.720	6000	0.720	6045	0.720
5821	0.720	5866	0.720	5911	0.720	5956	0.720	6001	0.720	6046	0.720
5822	0.720	5867	0.720	5912	0.720	5957	0.720	6002	0.720	6047	0.720
5823	0.720	5868	0.720	5913	0.720	5958	0.720	6003	0.720	6048	0.720
5824	0.720	5869	0.720	5914	0.720	5959	0.720	6004	0.720	6049	0.720
5825	0.720	5870	0.720	5915	0.720	5960	0.720	6005	0.720	6050	0.720
5826	0.720	5871	0.720	5916	0.720	5961	0.720	6006	0.720	6051	0.720
5827	0.720	5872	0.720	5917	0.720	5962	0.720	6007	0.720	6052	0.720
5828	0.720	5873	0.720	5918	0.720	5963	0.720	6008	0.720	6053	0.720
5829	0.720	5874	0.720	5919	0.720	5964	0.720	6009	0.720	6054	0.720
5830	0.720	5875	0.720	5920	0.720	5965	0.720	6010	0.720	6055	0.720
5831	0.720	5876	0.720	5921	0.720	5966	0.720	6011	0.720	6056	0.720
5832	0.720	5877	0.720	5922	0.720	5967	0.720	6012	0.720	6057	0.720
5833	0.720	5878	0.720	5923	0.720	5968	0.720	6013	0.720	6058	0.720
5834	0.720	5879	0.720	5924	0.720	5969	0.720	6014	0.720	6059	0.720
5835	0.720	5880	0.720	5925	0.720	5970	0.720	6015	0.720	6060	0.720
5836	0.720	5881	0.720	5926	0.720	5971	0.720	6016	0.720	6061	0.720
5837	0.720	5882	0.720	5927	0.720	5972	0.720	6017	0.720	6062	0.720
5838	0.720	5883	0.720	5928	0.720	5973	0.720	6018	0.720	6063	0.720
5839	0.720	5884	0.720	5929	0.720	5974	0.720	6019	0.720	6064	0.720
5840	0.720	5885	0.720	5930	0.720	5975	0.720	6020	0.720	6065	0.720
5841	0.720	5886	0.720	5931	0.720	5976	0.720	6021	0.720	6066	0.720
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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
6112	0.720	6157	0.720	6202	0.720	6247	0.720	6292	0.720	6337	0.720
6113	0.720	6158	0.720	6203	0.720	6248	0.720	6293	0.720	6338	0.720
6114	0.720	6159	0.720	6204	0.720	6249	0.720	6294	0.720	6339	0.720
6115	0.720	6160	0.720	6205	0.720	6250	0.720	6295	0.720	6340	0.720
6116	0.720	6161	0.720	6206	0.720	6251	0.720	6296	0.720	6341	0.720
6117	0.720	6162	0.720	6207	0.720	6252	0.720	6297	0.720	6342	0.720
6118	0.720	6163	0.720	6208	0.720	6253	0.720	6298	0.720	6343	0.720
6119	0.720	6164	0.720	6209	0.720	6254	0.720	6299	0.720	6344	0.720
6120	0.720	6165	0.720	6210	0.720	6255	0.720	6300	0.720	6345	0.720
6121	0.720	6166	0.720	6211	0.720	6256	0.720	6301	0.720	6346	0.720
6122	0.720	6167	0.720	6212	0.720	6257	0.720	6302	0.720	6347	0.720
6123	0.720	6168	0.720	6213	0.720	6258	0.720	6303	0.720	6348	0.720
6124	0.720	6169	0.720	6214	0.720	6259	0.720	6304	0.720	6349	0.720
6125	0.720	6170	0.720	6215	0.720	6260	0.720	6305	0.720	6350	0.720
6126	0.720	6171	0.720	6216	0.720	6261	0.720	6306	0.720	6351	0.720
6127	0.720	6172	0.720	6217	0.720	6262	0.720	6307	0.720	6352	0.720
6128	0.720	6173	0.720	6218	0.720	6263	0.720	6308	0.720	6353	0.720
6129	0.720	6174	0.720	6219	0.720	6264	0.720	6309	0.720	6354	0.720
6130	0.720	6175	0.720	6220	0.720	6265	0.720	6310	0.720	6355	0.720
6131	0.720	6176	0.720	6221	0.720	6266	0.720	6311	0.720	6356	0.720
6132	0.720	6177	0.720	6222	0.720	6267	0.720	6312	0.720	6357	0.720
6133	0.720	6178	0.720	6223	0.720	6268	0.720	6313	0.720	6358	0.720
6134	0.720	6179	0.720	6224	0.720	6269	0.720	6314	0.720	6359	0.720
6135	0.720	6180	0.720	6225	0.720	6270	0.720	6315	0.720	6360	0.720
6136	0.720	6181	0.720	6226	0.720	6271	0.720	6316	0.720	6361	0.720
6137	0.720	6182	0.720	6227	0.720	6272	0.720	6317	0.720	6362	0.720
6138	0.720	6183	0.720	6228	0.720	6273	0.720	6318	0.720	6363	0.720
6139	0.720	6184	0.720	6229	0.720	6274	0.720	6319	0.720	6364	0.720
6140	0.720	6185	0.720	6230	0.720	6275	0.720	6320	0.720	6365	0.720
6141	0.720	6186	0.720	6231	0.720	6276	0.720	6321	0.720	6366	0.720
6142	0.720	6187	0.720	6232	0.720	6277	0.720	6322	0.720	6367	0.720
6143	0.720	6188	0.720	6233	0.720	6278	0.720	6323	0.720	6368	0.720
6144	0.720	6189	0.720	6234	0.720	6279	0.720	6324	0.720	6369	0.720
6145	0.720	6190	0.720	6235	0.720	6280	0.720	6325	0.720	6370	0.720
6146	0.720	6191	0.720	6236	0.720	6281	0.720	6326	0.720	6371	0.720
6147	0.720	6192	0.720	6237	0.720	6282	0.720	6327	0.720	6372	0.720
6148	0.720	6193	0.720	6238	0.720	6283	0.720	6328	0.720	6373	0.720
6149	0.720	6194	0.720	6239	0.720	6284	0.720	6329	0.720	6374	0.720
6150	0.720	6195	0.720	6240	0.720	6285	0.720	6330	0.720	6375	0.720
6151	0.720	6196	0.720	6241	0.720	6286	0.720	6331	0.720	6376	0.720
6152	0.720	6197	0.720	6242	0.720	6287	0.720	6332	0.720	6377	0.720
6153	0.720	6198	0.720	6243	0.720	6288	0.720	6333	0.720	6378	0.720
6154	0.720	6199	0.720	6244	0.720	6289	0.720	6334	0.720	6379	0.720
6155	0.720	6200	0.720	6245	0.720	6290	0.720	6335	0.720	6380	0.720
6156	0.720	6201	0.720	6246	0.720	6291	0.720	6336	0.720	6381	0.720
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Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
6427	0.720	6472	0.720	6517	0.720	6562	0.720	6607	0.720	6652	0.720
6428	0.720	6473	0.720	6518	0.720	6563	0.720	6608	0.720	6653	0.720
6429	0.720	6474	0.720	6519	0.720	6564	0.720	6609	0.720	6654	0.720
6430	0.720	6475	0.720	6520	0.720	6565	0.720	6610	0.720	6655	0.720
6431	0.720	6476	0.720	6521	0.720	6566	0.720	6611	0.720	6656	0.720
6432	0.720	6477	0.720	6522	0.720	6567	0.720	6612	0.720	6657	0.720
6433	0.720	6478	0.720	6523	0.720	6568	0.720	6613	0.720	6658	0.720
6434	0.720	6479	0.720	6524	0.720	6569	0.720	6614	0.720	6659	0.720
6435	0.720	6480	0.720	6525	0.720	6570	0.720	6615	0.720	6660	0.720
6436	0.720	6481	0.720	6526	0.720	6571	0.720	6616	0.720	6661	0.720
6437	0.720	6482	0.720	6527	0.720	6572	0.720	6617	0.720	6662	0.720
6438	0.720	6483	0.720	6528	0.720	6573	0.720	6618	0.720	6663	0.720
6439	0.720	6484	0.720	6529	0.720	6574	0.720	6619	0.720	6664	0.720
6440	0.720	6485	0.720	6530	0.720	6575	0.720	6620	0.720	6665	0.720
6441	0.720	6486	0.720	6531	0.720	6576	0.720	6621	0.720	6666	0.720
6442	0.720	6487	0.720	6532	0.720	6577	0.720	6622	0.720	6667	0.720
6443	0.720	6488	0.720	6533	0.720	6578	0.720	6623	0.720	6668	0.720
6444	0.720	6489	0.720	6534	0.720	6579	0.720	6624	0.720	6669	0.720
6445	0.720	6490	0.720	6535	0.720	6580	0.720	6625	0.720	6670	0.720
6446	0.720	6491	0.720	6536	0.720	6581	0.720	6626	0.720	6671	0.720
6447	0.720	6492	0.720	6537	0.720	6582	0.720	6627	0.720	6672	0.720
6448	0.720	6493	0.720	6538	0.720	6583	0.720	6628	0.720	6673	0.720
6449	0.720	6494	0.720	6539	0.720	6584	0.720	6629	0.720	6674	0.720
6450	0.720	6495	0.720	6540	0.720	6585	0.720	6630	0.720	6675	0.720
6451	0.720	6496	0.720	6541	0.720	6586	0.720	6631	0.720	6676	0.720
6452	0.720	6497	0.720	6542	0.720	6587	0.720	6632	0.720	6677	0.720
6453	0.720	6498	0.720	6543	0.720	6588	0.720	6633	0.720	6678	0.720
6454	0.720	6499	0.720	6544	0.720	6589	0.720	6634	0.720	6679	0.720
6455	0.720	6500	0.720	6545	0.720	6590	0.720	6635	0.720	6680	0.720
6456	0.720	6501	0.720	6546	0.720	6591	0.720	6636	0.720	6681	0.720
6457	0.720	6502	0.720	6547	0.720	6592	0.720	6637	0.720	6682	0.720
6458	0.720	6503	0.720	6548	0.720	6593	0.720	6638	0.720	6683	0.720
6459	0.720	6504	0.720	6549	0.720	6594	0.720	6639	0.720	6684	0.720
6460	0.720	6505	0.720	6550	0.720	6595	0.720	6640	0.720	6685	0.720
6461	0.720	6506	0.720	6551	0.720	6596	0.720	6641	0.720	6686	0.720
6462	0.720	6507	0.720	6552	0.720	6597	0.720	6642	0.720	6687	0.720
6463	0.720	6508	0.720	6553	0.720	6598	0.720	6643	0.720	6688	0.720
6464	0.720	6509	0.720	6554	0.720	6599	0.720	6644	0.720	6689	0.720
6465	0.720	6510	0.720	6555	0.720	6600	0.720	6645	0.720	6690	0.720
6466	0.720	6511	0.720	6556	0.720	6601	0.720	6646	0.720	6691	0.720
6467	0.720	6512	0.720	6557	0.720	6602	0.720	6647	0.720	6692	0.720
6468	0.720	6513	0.720	6558	0.720	6603	0.720	6648	0.720	6693	0.720
6469	0.720	6514	0.720	6559	0.720	6604	0.720	6649	0.720	6694	0.720
6470	0.720	6515	0.720	6560	0.720	6605	0.720	6650	0.720	6695	0.720
6471	0.720	6516	0.720	6561	0.720	6606	0.720	6651	0.720	6696	0.720
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Date 01/01/0001						Designed by JoWard					
File E970 - NETWORK 1 (V3 MAR...						Checked by					
Innovyze						Network 2018.1.1					
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
7057	0.720	7102	0.720	7147	0.720	7192	0.720	7237	0.720	7282	0.720
7058	0.720	7103	0.720	7148	0.720	7193	0.720	7238	0.720	7283	0.720
7059	0.720	7104	0.720	7149	0.720	7194	0.720	7239	0.720	7284	0.720
7060	0.720	7105	0.720	7150	0.720	7195	0.720	7240	0.720	7285	0.720
7061	0.720	7106	0.720	7151	0.720	7196	0.720	7241	0.720	7286	0.720
7062	0.720	7107	0.720	7152	0.720	7197	0.720	7242	0.720	7287	0.720
7063	0.720	7108	0.720	7153	0.720	7198	0.720	7243	0.720	7288	0.720
7064	0.720	7109	0.720	7154	0.720	7199	0.720	7244	0.720	7289	0.720
7065	0.720	7110	0.720	7155	0.720	7200	0.720	7245	0.720	7290	0.720
7066	0.720	7111	0.720	7156	0.720	7201	0.720	7246	0.720	7291	0.720
7067	0.720	7112	0.720	7157	0.720	7202	0.720	7247	0.720	7292	0.720
7068	0.720	7113	0.720	7158	0.720	7203	0.720	7248	0.720	7293	0.720
7069	0.720	7114	0.720	7159	0.720	7204	0.720	7249	0.720	7294	0.720
7070	0.720	7115	0.720	7160	0.720	7205	0.720	7250	0.720	7295	0.720
7071	0.720	7116	0.720	7161	0.720	7206	0.720	7251	0.720	7296	0.720
7072	0.720	7117	0.720	7162	0.720	7207	0.720	7252	0.720	7297	0.720
7073	0.720	7118	0.720	7163	0.720	7208	0.720	7253	0.720	7298	0.720
7074	0.720	7119	0.720	7164	0.720	7209	0.720	7254	0.720	7299	0.720
7075	0.720	7120	0.720	7165	0.720	7210	0.720	7255	0.720	7300	0.720
7076	0.720	7121	0.720	7166	0.720	7211	0.720	7256	0.720	7301	0.720
7077	0.720	7122	0.720	7167	0.720	7212	0.720	7257	0.720	7302	0.720
7078	0.720	7123	0.720	7168	0.720	7213	0.720	7258	0.720	7303	0.720
7079	0.720	7124	0.720	7169	0.720	7214	0.720	7259	0.720	7304	0.720
7080	0.720	7125	0.720	7170	0.720	7215	0.720	7260	0.720	7305	0.720
7081	0.720	7126	0.720	7171	0.720	7216	0.720	7261	0.720	7306	0.720
7082	0.720	7127	0.720	7172	0.720	7217	0.720	7262	0.720	7307	0.720
7083	0.720	7128	0.720	7173	0.720	7218	0.720	7263	0.720	7308	0.720
7084	0.720	7129	0.720	7174	0.720	7219	0.720	7264	0.720	7309	0.720
7085	0.720	7130	0.720	7175	0.720	7220	0.720	7265	0.720	7310	0.720
7086	0.720	7131	0.720	7176	0.720	7221	0.720	7266	0.720	7311	0.720
7087	0.720	7132	0.720	7177	0.720	7222	0.720	7267	0.720	7312	0.720
7088	0.720	7133	0.720	7178	0.720	7223	0.720	7268	0.720	7313	0.720
7089	0.720	7134	0.720	7179	0.720	7224	0.720	7269	0.720	7314	0.720
7090	0.720	7135	0.720	7180	0.720	7225	0.720	7270	0.720	7315	0.720
7091	0.720	7136	0.720	7181	0.720	7226	0.720	7271	0.720	7316	0.720
7092	0.720	7137	0.720	7182	0.720	7227	0.720	7272	0.720	7317	0.720
7093	0.720	7138	0.720	7183	0.720	7228	0.720	7273	0.720	7318	0.720
7094	0.720	7139	0.720	7184	0.720	7229	0.720	7274	0.720	7319	0.720
7095	0.720	7140	0.720	7185	0.720	7230	0.720	7275	0.720	7320	0.720
7096	0.720	7141	0.720	7186	0.720	7231	0.720	7276	0.720	7321	0.720
7097	0.720	7142	0.720	7187	0.720	7232	0.720	7277	0.720	7322	0.720
7098	0.720	7143	0.720	7188	0.720	7233	0.720	7278	0.720	7323	0.720
7099	0.720	7144	0.720	7189	0.720	7234	0.720	7279	0.720	7324	0.720
7100	0.720	7145	0.720	7190	0.720	7235	0.720	7280	0.720	7325	0.720
7101	0.720	7146	0.720	7191	0.720	7236	0.720	7281	0.720	7326	0.720
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File E970 - NETWORK 1 (V3 MAR...						Checked by					
Innovyze						Network 2018.1.1					
<u>Surcharged Outfall Details for NETWORK 1.SWS</u>											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
7372	0.720	7417	0.720	7462	0.720	7507	0.720	7552	0.720	7597	0.720
7373	0.720	7418	0.720	7463	0.720	7508	0.720	7553	0.720	7598	0.720
7374	0.720	7419	0.720	7464	0.720	7509	0.720	7554	0.720	7599	0.720
7375	0.720	7420	0.720	7465	0.720	7510	0.720	7555	0.720	7600	0.720
7376	0.720	7421	0.720	7466	0.720	7511	0.720	7556	0.720	7601	0.720
7377	0.720	7422	0.720	7467	0.720	7512	0.720	7557	0.720	7602	0.720
7378	0.720	7423	0.720	7468	0.720	7513	0.720	7558	0.720	7603	0.720
7379	0.720	7424	0.720	7469	0.720	7514	0.720	7559	0.720	7604	0.720
7380	0.720	7425	0.720	7470	0.720	7515	0.720	7560	0.720	7605	0.720
7381	0.720	7426	0.720	7471	0.720	7516	0.720	7561	0.720	7606	0.720
7382	0.720	7427	0.720	7472	0.720	7517	0.720	7562	0.720	7607	0.720
7383	0.720	7428	0.720	7473	0.720	7518	0.720	7563	0.720	7608	0.720
7384	0.720	7429	0.720	7474	0.720	7519	0.720	7564	0.720	7609	0.720
7385	0.720	7430	0.720	7475	0.720	7520	0.720	7565	0.720	7610	0.720
7386	0.720	7431	0.720	7476	0.720	7521	0.720	7566	0.720	7611	0.720
7387	0.720	7432	0.720	7477	0.720	7522	0.720	7567	0.720	7612	0.720
7388	0.720	7433	0.720	7478	0.720	7523	0.720	7568	0.720	7613	0.720
7389	0.720	7434	0.720	7479	0.720	7524	0.720	7569	0.720	7614	0.720
7390	0.720	7435	0.720	7480	0.720	7525	0.720	7570	0.720	7615	0.720
7391	0.720	7436	0.720	7481	0.720	7526	0.720	7571	0.720	7616	0.720
7392	0.720	7437	0.720	7482	0.720	7527	0.720	7572	0.720	7617	0.720
7393	0.720	7438	0.720	7483	0.720	7528	0.720	7573	0.720	7618	0.720
7394	0.720	7439	0.720	7484	0.720	7529	0.720	7574	0.720	7619	0.720
7395	0.720	7440	0.720	7485	0.720	7530	0.720	7575	0.720	7620	0.720
7396	0.720	7441	0.720	7486	0.720	7531	0.720	7576	0.720	7621	0.720
7397	0.720	7442	0.720	7487	0.720	7532	0.720	7577	0.720	7622	0.720
7398	0.720	7443	0.720	7488	0.720	7533	0.720	7578	0.720	7623	0.720
7399	0.720	7444	0.720	7489	0.720	7534	0.720	7579	0.720	7624	0.720
7400	0.720	7445	0.720	7490	0.720	7535	0.720	7580	0.720	7625	0.720
7401	0.720	7446	0.720	7491	0.720	7536	0.720	7581	0.720	7626	0.720

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Network 2018.1.1

Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
8002	0.720	8047	0.720	8092	0.720	8137	0.720	8182	0.720	8227	0.720	8272	0.720
8003	0.720	8048	0.720	8093	0.720	8138	0.720	8183	0.720	8228	0.720	8273	0.720
8004	0.720	8049	0.720	8094	0.720	8139	0.720	8184	0.720	8229	0.720	8274	0.720
8005	0.720	8050	0.720	8095	0.720	8140	0.720	8185	0.720	8230	0.720	8275	0.720
8006	0.720	8051	0.720	8096	0.720	8141	0.720	8186	0.720	8231	0.720	8276	0.720
8007	0.720	8052	0.720	8097	0.720	8142	0.720	8187	0.720	8232	0.720	8277	0.720
8008	0.720	8053	0.720	8098	0.720	8143	0.720	8188	0.720	8233	0.720	8278	0.720
8009	0.720	8054	0.720	8099	0.720	8144	0.720	8189	0.720	8234	0.720	8279	0.720
8010	0.720	8055	0.720	8100	0.720	8145	0.720	8190	0.720	8235	0.720	8280	0.720
8011	0.720	8056	0.720	8101	0.720	8146	0.720	8191	0.720	8236	0.720	8281	0.720
8012	0.720	8057	0.720	8102	0.720	8147	0.720	8192	0.720	8237	0.720	8282	0.720
8013	0.720	8058	0.720	8103	0.720	8148	0.720	8193	0.720	8238	0.720	8283	0.720
8014	0.720	8059	0.720	8104	0.720	8149	0.720	8194	0.720	8239	0.720	8284	0.720
8015	0.720	8060	0.720	8105	0.720	8150	0.720	8195	0.720	8240	0.720	8285	0.720
8016	0.720	8061	0.720	8106	0.720	8151	0.720	8196	0.720	8241	0.720	8286	0.720
8017	0.720	8062	0.720	8107	0.720	8152	0.720	8197	0.720	8242	0.720	8287	0.720
8018	0.720	8063	0.720	8108	0.720	8153	0.720	8198	0.720	8243	0.720	8288	0.720
8019	0.720	8064	0.720	8109	0.720	8154	0.720	8199	0.720	8244	0.720	8289	0.720
8020	0.720	8065	0.720	8110	0.720	8155	0.720	8200	0.720	8245	0.720	8290	0.720
8021	0.720	8066	0.720	8111	0.720	8156	0.720	8201	0.720	8246	0.720	8291	0.720
8022	0.720	8067	0.720	8112	0.720	8157	0.720	8202	0.720	8247	0.720	8292	0.720
8023	0.720	8068	0.720	8113	0.720	8158	0.720	8203	0.720	8248	0.720	8293	0.720
8024	0.720	8069	0.720	8114	0.720	8159	0.720	8204	0.720	8249	0.720	8294	0.720
8025	0.720	8070	0.720	8115	0.720	8160	0.720	8205	0.720	8250	0.720	8295	0.720
8026	0.720	8071	0.720	8116	0.720	8161	0.720	8206	0.720	8251	0.720	8296	0.720
8027	0.720	8072	0.720	8117	0.720	8162	0.720	8207	0.720	8252	0.720	8297	0.720
8028	0.720	8073	0.720	8118	0.720	8163	0.720	8208	0.720	8253	0.720	8298	0.720
8029	0.720	8074	0.720	8119	0.720	8164	0.720	8209	0.720	8254	0.720	8299	0.720
8030	0.720	8075	0.720	8120	0.720	8165	0.720	8210	0.720	8255	0.720</		

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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
8632	0.720	8677	0.720	8722	0.720	8767	0.720	8812	0.720	8857	0.720
8633	0.720	8678	0.720	8723	0.720	8768	0.720	8813	0.720	8858	0.720
8634	0.720	8679	0.720	8724	0.720	8769	0.720	8814	0.720	8859	0.720
8635	0.720	8680	0.720	8725	0.720	8770	0.720	8815	0.720	8860	0.720
8636	0.720	8681	0.720	8726	0.720	8771	0.720	8816	0.720	8861	0.720
8637	0.720	8682	0.720	8727	0.720	8772	0.720	8817	0.720	8862	0.720
8638	0.720	8683	0.720	8728	0.720	8773	0.720	8818	0.720	8863	0.720
8639	0.720	8684	0.720	8729	0.720	8774	0.720	8819	0.720	8864	0.720
8640	0.720	8685	0.720	8730	0.720	8775	0.720	8820	0.720	8865	0.720
8641	0.720	8686	0.720	8731	0.720	8776	0.720	8821	0.720	8866	0.720
8642	0.720	8687	0.720	8732	0.720	8777	0.720	8822	0.720	8867	0.720
8643	0.720	8688	0.720	8733	0.720	8778	0.720	8823	0.720	8868	0.720
8644	0.720	8689	0.720	8734	0.720	8779	0.720	8824	0.720	8869	0.720
8645	0.720	8690	0.720	8735	0.720	8780	0.720	8825	0.720	8870	0.720
8646	0.720	8691	0.720	8736	0.720	8781	0.720	8826	0.720	8871	0.720
8647	0.720	8692	0.720	8737	0.720	8782	0.720	8827	0.720	8872	0.720
8648	0.720	8693	0.720	8738	0.720	8783	0.720	8828	0.720	8873	0.720
8649	0.720	8694	0.720	8739	0.720	8784	0.720	8829	0.720	8874	0.720
8650	0.720	8695	0.720	8740	0.720	8785	0.720	8830	0.720	8875	0.720
8651	0.720	8696	0.720	8741	0.720	8786	0.720	8831	0.720	8876	0.720
8652	0.720	8697	0.720	8742	0.720	8787	0.720	8832	0.720	8877	0.720
8653	0.720	8698	0.720	8743	0.720	8788	0.720	8833	0.720	8878	0.720
8654	0.720	8699	0.720	8744	0.720	8789	0.720	8834	0.720	8879	0.720
8655	0.720	8700	0.720	8745	0.720	8790	0.720	8835	0.720	8880	0.720
8656	0.720	8701	0.720	8746	0.720	8791	0.720	8836	0.720	8881	0.720
8657	0.720	8702	0.720	8747	0.720	8792	0.720	8837	0.720	8882	0.720
8658	0.720	8703	0.720	8748	0.720	8793	0.720	8838	0.720	8883	0.720
8659	0.720	8704	0.720	8749	0.720	8794	0.720	8839	0.720	8884	0.720
8660	0.720	8705	0.720	8750	0.720	8795	0.720	8840	0.720	8885	0.720
8661	0.720	8706	0.720	8751	0.720	8796	0.720	8841	0.720	8886	0.720
8662	0.720	8707	0.720	8752	0.720	8797	0.720	8842	0.720	8887	0.720
8663	0.720	8708	0.720	8753	0.720	8798	0.720	8843	0.720	8888	0.720
8664	0.720	8709	0.720	8754	0.720	8799	0.720	8844	0.720	8889	0.720
8665	0.720	8710	0.720	8755	0.720	8800	0.720	8845	0.720	8890	0.720
8666	0.720	8711	0.720	8756	0.720	8801	0.720	8846	0.720	8891	0.720
8667	0.720	8712	0.720	8757	0.720	8802	0.720	8847	0.720	8892	0.720
8668	0.720	8713	0.720	8758	0.720	8803	0.720	8848	0.720	8893	0.720
8669	0.720	8714	0.720	8759	0.720	8804	0.720	8849	0.720	8894	0.720
8670	0.720	8715	0.720	8760	0.720	8805	0.720	8850	0.720	8895	0.720
8671	0.720	8716	0.720	8761	0.720	8806	0.720	8851	0.720	8896	0.720
8672	0.720	8717	0.720	8762	0.720	8807	0.720	8852	0.720	8897	0.720
8673	0.720	8718	0.720	8763	0.720	8808	0.720	8853	0.720	8898	0.720
8674	0.720	8719	0.720	8764	0.720	8809	0.720	8854	0.720	8899	0.720
8675	0.720	8720	0.720	8765	0.720	8810	0.720	8855	0.720	8900	0.720
8676	0.720	8721	0.720	8766	0.720	8811	0.720	8856	0.720	8901	0.720
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Innovyze										Network 2018.1.1	
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
9262	0.720	9307	0.720	9352	0.720	9397	0.720	9442	0.720	9487	0.720
9263	0.720	9308	0.720	9353	0.720	9398	0.720	9443	0.720	9488	0.720
9264	0.720	9309	0.720	9354	0.720	9399	0.720	9444	0.720	9489	0.720
9265	0.720	9310	0.720	9355	0.720	9400	0.720	9445	0.720	9490	0.720
9266	0.720	9311	0.720	9356	0.720	9401	0.720	9446	0.720	9491	0.720
9267	0.720	9312	0.720	9357	0.720	9402	0.720	9447	0.720	9492	0.720
9268	0.720	9313	0.720	9358	0.720	9403	0.720	9448	0.720	9493	0.720
9269	0.720	9314	0.720	9359	0.720	9404	0.720	9449	0.720	9494	0.720
9270	0.720	9315	0.720	9360	0.720	9405	0.720	9450	0.720	9495	0.720
9271	0.720	9316	0.720	9361	0.720	9406	0.720	9451	0.720	9496	0.720
9272	0.720	9317	0.720	9362	0.720	9407	0.720	9452	0.720	9497	0.720
9273	0.720	9318	0.720	9363	0.720	9408	0.720	9453	0.720	9498	0.720
9274	0.720	9319	0.720	9364	0.720	9409	0.720	9454	0.720	9499	0.720
9275	0.720	9320	0.720	9365	0.720	9410	0.720	9455	0.720	9500	0.720
9276	0.720	9321	0.720	9366	0.720	9411	0.720	9456	0.720	9501	0.720
9277	0.720	9322	0.720	9367	0.720	9412	0.720	9457	0.720	9502	0.720
9278	0.720	9323	0.720	9368	0.720	9413	0.720	9458	0.720	9503	0.720
9279	0.720	9324	0.720	9369	0.720	9414	0.720	9459	0.720	9504	0.720
9280	0.720	9325	0.720	9370	0.720	9415	0.720	9460	0.720	9505	0.720
9281	0.720	9326	0.720	9371	0.720	9416	0.720	9461	0.720	9506	0.720
9282	0.720	9327	0.720	9372	0.720	9417	0.720	9462	0.720	9507	0.720
9283	0.720	9328	0.720	9373	0.720	9418	0.720	9463	0.720	9508	0.720
9284	0.720	9329	0.720	9374	0.720	9419	0.720	9464	0.720	9509	0.720
9285	0.720	9330	0.720	9375	0.720	9420	0.720	9465	0.720	9510	0.720
9286	0.720	9331	0.720	9376	0.720	9421	0.720	9466	0.720	9511	0.720
9287	0.720	9332	0.720	9377	0.720	9422	0.720	9467	0.720	9512	0.720
9288	0.720	9333	0.720	9378	0.720	9423	0.720	9468	0.720	9513	0.720
9289	0.720	9334	0.720	9379	0.720	9424	0.720	9469	0.720	9514	0.720
9290	0.720	9335	0.720	9380	0.720	9425	0.720	9470	0.720	9515	0.720
9291	0.720	9336	0.720	9381	0.720	9426	0.720	9471	0.720	9516	0.720
9292	0.720	9337	0.720	9382	0.720	9427	0.720	9472	0.720	9517	0.720
9293	0.720	9338	0.720	9383	0.720	9428	0.720	9473	0.720	9518	0.720
9294	0.720	9339	0.720	9384	0.720	9429	0.720	9474	0.720	9519	0.720
9295	0.720	9340	0.720	9385	0.720	9430	0.720	9475	0.720	9520	0.720
9296	0.720	9341	0.720	9386	0.720	9431	0.720	9476	0.720	9521	0.720
9297	0.720	9342	0.720	9387	0.720	9432	0.720	9477	0.720	9522	0.720
9298	0.720	9343	0.720	9388	0.720	9433	0.720	9478	0.720	9523	0.720
9299	0.720	9344	0.720	9389	0.720	9434	0.720	9479	0.720	9524	0.720
9300	0.720	9345	0.720	9390	0.720	9435	0.720	9480	0.720	9525	0.720
9301	0.720	9346	0.720	9391	0.720	9436	0.720	9481	0.720	9526	0.720
9302	0.720	9347	0.720	9392	0.720	9437	0.720	9482	0.720	9527	0.720
9303	0.720	9348	0.720	9393	0.720	9438	0.720	9483	0.720	9528	0.720
9304	0.720	9349	0.720	9394	0.720	9439	0.720	9484	0.720	9529	0.720
9305	0.720	9350	0.720	9395	0.720	9440	0.720	9485	0.720	9530	0.720
9306	0.720	9351	0.720	9396	0.720	9441	0.720	9486	0.720	9531	0.720
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Date 01/01/0001					Designed by JoWard						
File E970 - NETWORK 1 (V3 MAR...					Checked by						
Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 1.SWS											
Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)	Time (mins)	Depth (m)
10522	0.720	10562	0.720	10602	0.720	10642	0.720	10682	0.720	10722	0.720
10523	0.720	10563	0.720	10603	0.720	10643	0.720	10683	0.720	10723	0.720
10524	0.720	10564	0.720	10604	0.720	10644	0.720	10684	0.720	10724	0.720
10525	0.720	10565	0.720	10605	0.720	10645	0.720	10685	0.720	10725	0.720
10526	0.720	10566	0.720	10606	0.720	10646	0.720	10686	0.720	10726	0.720
10527	0.720	10567	0.720	10607	0.720	10647	0.720	10687	0.720	10727	0.720
10528	0.720	10568	0.720	10608	0.720	10648	0.720	10688	0.720	10728	0.720
10529	0.720	10569	0.720	10609	0.720	10649	0.720	10689	0.720	10729	0.720
10530	0.720	10570	0.720	10610	0.720	10650	0.720	10690	0.720	10730	0.720
10531	0.720	10571	0.720	10611	0.720	10651	0.720	10691	0.720	10731	0.720
10532	0.720	10572	0.720	10612	0.720	10652	0.720	10692	0.720	10732	0.720
10533	0.720	10573	0.720	10613	0.720	10653	0.720	10693	0.720	10733	0.720
10534	0.720	10574	0.720	10614	0.720	10654	0.720	10694	0.720	10734	0.720
10535	0.720	10575	0.720	10615	0.720	10655	0.720	10695	0.720	10735	0.720
10536	0.720	10576	0.720	10616	0.720	10656	0.720	10696	0.720	10736	0.720
10537	0.720	10577	0.720	10617	0.720	10657	0.720	10697	0.720	10737	0.720
10538	0.720	10578	0.720	10618	0.720	10658	0.720	10698	0.720	10738	0.720
10539	0.720	10579	0.720	10619	0.720	10659	0.720	10699	0.720	10739	0.720
10540	0.720	10580	0.720	10620	0.720	10660	0.720	10700	0.720	10740	0.720
10541	0.720	10581	0.720	10621	0.720	10661	0.720	10701	0.720	10741	0.720
10542	0.720	10582	0.720	10622	0.720	10662	0.720	10702	0.720	10742	0.720
10543	0.720	10583	0.720	10623	0.720	10663	0.720	10703	0.720	10743	0.720
10544	0.720	10584	0.720	10624	0.720	10664	0.720	10704	0.720	10744	0.720
10545	0.720	10585	0.720	10625	0.720	10665	0.720	10705	0.720	10745	0.720
10546	0.720	10586	0.720	10626	0.720	10666	0.720	10706	0.720	10746	0.720
10547	0.720	10587	0.720	10627	0.720	10667	0.720	10707	0.720	10747	0.720
10548	0.720	10588	0.720	10628	0.720	10668	0.720	10708	0.720	10748	0.720
10549	0.720	10589	0.720	10629	0.720	10669	0.720	10709	0.720	10749	0.720
10550	0.720	10590	0.720	10630	0.720	10670	0.720	10710	0.720	10750	0.720
10551	0.720	10591	0.720	10631	0.720	10671	0.720	10711	0.720	10751	0.720
10552	0.720	10592	0.720	10632	0.720	10672	0.720	10712	0.720	10752	0.720
10553	0.720	10593	0.720	10633	0.720	10673	0.720	10713	0.720	10753	0.720
10554	0.720	10594	0.720	10634	0.720	10674	0.720	10714	0.720	10754	0.720
10555	0.720	10595	0.720	10635	0.720	10675	0.720	10715	0.720	10755	0.720
10556	0.720	10596	0.720	10636	0.720	10676	0.720	10716	0.720	10756	0.720
10557	0.720	10597	0.720	10637	0.720	10677	0.720	10717	0.720	10757	0.720
10558	0.720	10598	0.720	10638	0.720	10678	0.720	10718	0.720	10758	0.720
10559	0.720	10599	0.720	10639	0.720	10679	0.720	10719	0.720	10759	0.720
10560	0.720	10600	0.720	10640	0.720	10680	0.720	10720	0.720	10760	0.720
10561	0.720	10601	0.720	10641	0.720	10681	0.720	10721	0.720	10761	0.720
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File E970 - NETWORK 1 (V3 MAR...	Checked by																																													
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<u>Simulation Criteria for NETWORK 1.SWS</u> <table> <tr> <td>Volumetric Runoff Coeff</td> <td>0.750</td> <td>Additional Flow - % of Total Flow</td> <td>10.000</td> </tr> <tr> <td>Areal Reduction Factor</td> <td>1.000</td> <td>MADD Factor * 10m³/ha Storage</td> <td>0.000</td> </tr> <tr> <td>Hot Start (mins)</td> <td>0</td> <td>Inlet Coefficient</td> <td>0.800</td> </tr> <tr> <td>Hot Start Level (mm)</td> <td>0</td> <td>Flow per Person per Day (l/per/day)</td> <td>0.000</td> </tr> <tr> <td>Manhole Headloss Coeff (Global)</td> <td>0.500</td> <td>Run Time (mins)</td> <td>60</td> </tr> <tr> <td>Foul Sewage per hectare (l/s)</td> <td>0.000</td> <td>Output Interval (mins)</td> <td>1</td> </tr> </table> Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 0 Number of Online Controls 1 Number of Storage Structures 1 Number of Real Time Controls 0 <u>Synthetic Rainfall Details</u> <table> <tr> <td>Rainfall Model</td> <td>FSR</td> <td>Profile Type</td> <td>Summer</td> </tr> <tr> <td>Return Period (years)</td> <td>5</td> <td>Cv (Summer)</td> <td>0.750</td> </tr> <tr> <td>Region</td> <td>England and Wales</td> <td>Cv (Winter)</td> <td>0.840</td> </tr> <tr> <td>M5-60 (mm)</td> <td>20.000</td> <td>Storm Duration (mins)</td> <td>30</td> </tr> <tr> <td>Ratio R</td> <td>0.400</td> <td></td> <td></td> </tr> </table>			Volumetric Runoff Coeff	0.750	Additional Flow - % of Total Flow	10.000	Areal Reduction Factor	1.000	MADD Factor * 10m³/ha Storage	0.000	Hot Start (mins)	0	Inlet Coefficient	0.800	Hot Start Level (mm)	0	Flow per Person per Day (l/per/day)	0.000	Manhole Headloss Coeff (Global)	0.500	Run Time (mins)	60	Foul Sewage per hectare (l/s)	0.000	Output Interval (mins)	1	Rainfall Model	FSR	Profile Type	Summer	Return Period (years)	5	Cv (Summer)	0.750	Region	England and Wales	Cv (Winter)	0.840	M5-60 (mm)	20.000	Storm Duration (mins)	30	Ratio R	0.400		
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Online Controls for NETWORK 1.SWS																																																																										
Hydro-Brake® Optimum Manhole: 107, DS/PN: 1.008, Volume (m³): 18.4																																																																										
Unit Reference MD-SHE-0102-5000-1250-5000																																																																										
Design Head (m) 1.250																																																																										
Design Flow (l/s) 5.0																																																																										
Flush-Flo™ Calculated																																																																										
Objective Minimise upstream storage																																																																										
Application Surface																																																																										
Sump Available Yes																																																																										
Diameter (mm) 102																																																																										
Invert Level (m) 106.450																																																																										
Minimum Outlet Pipe Diameter (mm) 150																																																																										
Suggested Manhole Diameter (mm) 1200																																																																										
<table><tr><td>Control Points</td><td>Head (m)</td><td>Flow (l/s)</td><td>Control Points</td><td>Head (m)</td><td>Flow (l/s)</td></tr><tr><td>Design Point (Calculated)</td><td>1.250</td><td>5.0</td><td>Kick-Flo®</td><td>0.772</td><td>4.0</td></tr><tr><td>Flush-Flo™</td><td>0.370</td><td>5.0</td><td>Mean Flow over Head Range</td><td>-</td><td>4.4</td></tr></table>			Control Points	Head (m)	Flow (l/s)	Control Points	Head (m)	Flow (l/s)	Design Point (Calculated)	1.250	5.0	Kick-Flo®	0.772	4.0	Flush-Flo™	0.370	5.0	Mean Flow over Head Range	-	4.4																																																						
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The hydrological calculations have been based on the Head/Discharge relationship for the Hydro-Brake® Optimum as specified. Should another type of control device other than a Hydro-Brake Optimum® be utilised then these storage routing calculations will be invalidated																																																																										
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Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)																																																																			
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Innovyze	Network 2018.1.1									
<u>Storage Structures for NETWORK 1.SWS</u> <u>Tank or Pond Manhole: 107, DS/PN: 1.008</u> Invert Level (m) 106.500 <table><thead><tr><th>Depth (m)</th><th>Area (m²)</th><th>Depth (m)</th><th>Area (m²)</th></tr></thead><tbody><tr><td>0.000</td><td>337.0</td><td>1.200</td><td>687.0</td></tr></tbody></table>			Depth (m)	Area (m²)	Depth (m)	Area (m²)	0.000	337.0	1.200	687.0
Depth (m)	Area (m²)	Depth (m)	Area (m²)							
0.000	337.0	1.200	687.0							
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Innovyze		Network 2018.1.1

Summary of Critical Results by Maximum Level (Rank 1) for NETWORK 1.SWS

Simulation Criteria

Areal Reduction Factor	1.000	Additional Flow - % of Total Flow	10.000
Hot Start (mins)	0	MADD Factor * 10m³/ha Storage	0.000
Hot Start Level (mm)	0	Inlet Coeffiecient	0.800
Manhole Headloss Coeff (Global)	0.500	Flow per Person per Day (l/per/day)	0.000
Foul Sewage per hectare (l/s)	0.000		

Number of Input Hydrographs 0 Number of Offline Controls 0 Number of Time/Area Diagrams 0
Number of Online Controls 1 Number of Storage Structures 1 Number of Real Time Controls 0

Synthetic Rainfall Details

Rainfall Model	FSR	Ratio R	0.400
Region	England and Wales	Cv (Summer)	0.750
M5-60 (mm)	20.000	Cv (Winter)	0.840

Margin for Flood Risk Warning (mm) 300.0
Analysis Timestep 2.5 Second Increment (Extended)
DTS Status ON
DVD Status OFF
Inertia Status OFF

Profile(s) Summer and Winter
Duration(s) (mins) 15, 30, 60, 120, 180, 240, 360, 480, 600, 720, 960, 1440, 2160
Return Period(s) (years) 1, 2, 30
Climate Change (%) 0, 0, 0

PN	US/MH Name	Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level (m)
1.000	100	15 Winter	30	+0%					117.739
1.001	101	15 Winter	30	+0%					116.913
1.002	102	15 Winter	30	+0%					116.242
1.003	103	15 Winter	30	+0%					114.495
2.000	110	15 Winter	30	+0%					110.914
1.004	104	15 Winter	30	+0%					109.702
1.005	109	15 Winter	30	+0%					108.086
1.006	105	15 Winter	30	+0%					107.691
1.007	106	2160 Winter	30	+0%	30/1440 Winter				107.188
1.008	107	2160 Winter	30	+0%	1/60 Winter				107.188
1.009	11	2160 Winter	30	+0%	1/30 Summer				107.122

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Date 01/01/0001	Designed by JoWard	
File E970 - NETWORK 1 (V3 MAR...	Checked by	
Innovyze	Network 2018.1.1	

Summary of Critical Results by Maximum Level (Rank 1) for NETWORK 1.SWS

PN	US/MH	Surcharged	Flooded	Flow / Cap.	Overflow (l/s)	Pipe	Status	Level Exceeded
	Name	Depth (m)	Volume (m³)			Flow (l/s)		
1.000	100	-0.111	0.000	0.50		37.2		OK
1.001	101	-0.137	0.000	0.57		89.9		OK
1.002	102	-0.158	0.000	0.45		104.7		OK
1.003	103	-0.155	0.000	0.47		132.0		OK
2.000	110	-0.136	0.000	0.33		31.2		OK
1.004	104	-0.173	0.000	0.56		207.7		OK
1.005	109	-0.170	0.000	0.69		224.8		OK
1.006	105	-0.234	0.000	0.46		222.7		OK
1.007	106	0.013	0.000	0.01		7.3	SURCHARGED	
1.008	107	0.513	0.000	0.07		2.1	SURCHARGED	
1.009	11	0.497	0.000	0.07		2.1	SURCHARGED	