

Stephen Daykin Consulting Ltd		Page 0
33 Beaumaris Drive Gedling Nottingham NG4 2RA		
Date 01/01/0001 File E970 - NETWORK 4 (V3 MAR...	Designed by JoWard Checked by	
Innovyze	Network 2018.1.1	

STORM SEWER DESIGN by the Modified Rational Method

Pipe Sizes STANDARD Manhole Sizes NETWORK 3 STORM

Return Period (years)	5	PIMP (%)	100
M5-60 (mm)	19.900	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 4 STORM.SWS

Total Pipe Volume (m³) = 276.386

Network Design Table for NETWORK 4 STORM.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	5.51	122.319	0.141	0.0	0.0	0.0	1.01	71.7	0.0
1.001	0.00	5.89	122.114	0.345	0.0	0.0	0.0	1.17	129.5	0.0
1.002	0.00	6.60	121.925	0.479	0.0	0.0	0.0	1.58	250.5	0.0
1.003	0.00	6.86	121.520	0.754	0.0	0.0	0.0	2.10	333.4	0.0

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Network Design Table for NETWORK 4 STORM.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	10.361	0.150	69.1	0.243	5.00	0.0	0.600	o	300	Pipe/Conduit	
2.001	49.867	0.650	76.7	0.043	0.00	0.0	0.600	o	375	Pipe/Conduit	
1.004	17.304	0.978	17.7	0.055	0.00	0.0	0.600	o	450	Pipe/Conduit	
1.005	32.310	0.597	54.1	0.376	0.00	0.0	0.600	o	450	Pipe/Conduit	
1.006	10.032	0.375	26.8	0.047	0.00	0.0	0.600	o	525	Pipe/Conduit	
1.007	25.161	0.875	28.8	0.181	0.00	0.0	0.600	o	525	Pipe/Conduit	
1.008	63.264	2.300	27.5	0.084	0.00	0.0	0.600	o	525	Pipe/Conduit	
1.009	28.410	1.225	23.2	0.173	0.00	0.0	0.600	o	525	Pipe/Conduit	
1.010	30.026	1.200	25.0	0.091	0.00	0.0	0.600	o	600	Pipe/Conduit	
3.000	34.320	0.206	166.6	0.077	5.00	0.0	0.600	o	300	Pipe/Conduit	
1.011	49.856	1.950	25.6	0.102	0.00	0.0	0.600	o	600	Pipe/Conduit	
4.000	12.010	0.148	81.1	0.135	5.00	0.0	0.600	o	375	Pipe/Conduit	
1.012	19.917	0.225	88.5	0.025	0.00	0.0	0.600	o	600	Pipe/Conduit	
1.013	59.116	1.625	36.4	0.043	0.00	0.0	0.600	o	600	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	5.09	122.200	0.243	0.0	0.0	0.0	1.89	133.9	0.0
2.001	0.00	5.49	121.975	0.286	0.0	0.0	0.0	2.07	228.7	0.0
1.004	0.00	6.92	121.175	1.095	0.0	0.0	0.0	4.85	771.6	0.0
1.005	0.00	7.12	120.197	1.471	0.0	0.0	0.0	2.77	440.3	0.0
1.006	0.00	7.15	119.525	1.518	0.0	0.0	0.0	4.34	940.1	0.0
1.007	0.00	7.25	119.150	1.699	0.0	0.0	0.0	4.19	906.7	0.0
1.008	0.00	7.50	118.275	1.783	0.0	0.0	0.0	4.28	927.1	0.0
1.009	0.00	7.60	115.975	1.956	0.0	0.0	0.0	4.67	1009.9	0.0
1.010	0.00	7.71	114.675	2.047	0.0	0.0	0.0	4.88	1380.2	0.0
3.000	0.00	5.47	113.829	0.077	0.0	0.0	0.0	1.22	85.9	0.0
1.011	0.00	7.88	113.475	2.226	0.0	0.0	0.0	4.83	1365.4	0.0
4.000	0.00	5.10	111.898	0.135	0.0	0.0	0.0	2.01	222.3	0.0
1.012	0.00	8.01	111.525	2.386	0.0	0.0	0.0	2.59	732.1	0.0
1.013	0.00	8.25	111.300	2.429	0.0	0.0	0.0	4.05	1144.1	0.0

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Network Design Table for NETWORK 4 STORM.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
1.014	32.744	0.925	35.4	0.089	0.00	0.0	0.600	o	750	Pipe/Conduit	
1.015	9.954	0.200	49.8	0.077	0.00	0.0	0.600	o	750	Pipe/Conduit	
1.016	13.191	0.175	75.4	0.049	0.00	0.0	0.600	o	750	Pipe/Conduit	
1.017	51.598	0.200	258.0	0.000	0.00	0.0	0.600	o	750	Pipe/Conduit	
5.000	60.597	0.625	97.0	0.088	5.00	0.0	0.600	o	225	Pipe/Conduit	
5.001	7.893	0.175	45.1	0.104	0.00	0.0	0.600	o	300	Pipe/Conduit	
6.000	30.367	0.325	93.4	0.064	5.00	0.0	0.600	o	225	Pipe/Conduit	
6.001	13.173	0.100	131.7	0.068	0.00	0.0	0.600	o	300	Pipe/Conduit	
5.002	51.406	1.904	27.0	0.065	0.00	0.0	0.600	o	300	Pipe/Conduit	
5.003	41.926	1.346	31.1	0.197	0.00	0.0	0.600	o	375	Pipe/Conduit	
5.004	20.294	0.651	31.2	0.026	0.00	0.0	0.600	o	450	Pipe/Conduit	
5.005	12.288	0.187	65.7	0.077	0.00	0.0	0.600	o	450	Pipe/Conduit	
5.006	15.216	0.322	47.3	0.120	0.00	0.0	0.600	o	450	Pipe/Conduit	
5.007	17.614	0.276	63.8	0.017	0.00	0.0	0.600	o	450	Pipe/Conduit	
5.008	13.075	0.264	49.5	0.000	0.00	0.0	0.600	o	525	Pipe/Conduit	
7.000	70.035	3.150	22.2	0.142	5.00	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)
1.014	0.00	8.36	109.450	2.518	0.0	0.0	0.0	4.71	2082.1	0.0
1.015	0.00	8.41	108.525	2.595	0.0	0.0	0.0	3.97	1755.0	0.0
1.016	0.00	8.47	108.325	2.644	0.0	0.0	0.0	3.23	1425.0	0.0
1.017	0.00	8.97	108.150	2.644	0.0	0.0	0.0	1.74	767.7	0.0
5.000	0.00	5.76	118.900	0.088	0.0	0.0	0.0	1.33	52.8	0.0
5.001	0.00	5.82	118.200	0.192	0.0	0.0	0.0	2.35	165.9	0.0
6.000	0.00	5.37	118.525	0.064	0.0	0.0	0.0	1.35	53.8	0.0
6.001	0.00	5.53	118.125	0.131	0.0	0.0	0.0	1.37	96.7	0.0
5.002	0.00	6.10	118.025	0.388	0.0	0.0	0.0	3.04	214.7	0.0
5.003	0.00	6.31	116.046	0.585	0.0	0.0	0.0	3.26	359.7	0.0
5.004	0.00	6.41	114.625	0.611	0.0	0.0	0.0	3.65	580.8	0.0
5.005	0.00	6.49	113.974	0.688	0.0	0.0	0.0	2.51	399.4	0.0
5.006	0.00	6.57	113.787	0.808	0.0	0.0	0.0	2.96	471.3	0.0
5.007	0.00	6.69	113.465	0.825	0.0	0.0	0.0	2.55	405.3	0.0
5.008	0.00	6.76	113.114	0.825	0.0	0.0	0.0	3.19	690.2	0.0
7.000	0.00	5.42	116.925	0.142	0.0	0.0	0.0	2.79	110.8	0.0

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Conduit Sections for NETWORK 4 STORM.SWS

NOTE: Diameters less than 66 refer to section numbers of hydraulic conduits. These conduits are marked by the symbols:- [] box culvert, \ / open channel, oo dual pipe, ooo triple pipe, O egg.

Section numbers < 0 are taken from user conduit table

Section Number	Conduit Type	Major Dimn. (mm)	Minor Dimn. (mm)	Side Slope (Deg)	Corner Splay (mm)	4*Hyd Radius (m)	XSect Area (m ²)
41	oo	600	300			0.299	0.141
44	oo	1050	525			0.525	0.433

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<u>Manhole Schedules for NETWORK 4 STORM.SWS</u>											
MH Name	MH CL (m)	MH Depth (m)	MH Connection	MH Diam., L*W (mm)	PN	Pipe Out Invert Level (m)	Pipe Out Diameter (mm)	PN	Pipes In Invert Level (m)	Pipes In Diameter (mm)	Backdrop (mm)
428	115.437	1.650	Open Manhole	1350	5.006	113.787	450	5.005	113.787	450	
429	115.165	1.700	Open Manhole	1350	5.007	113.465	450	5.006	113.465	450	
430	114.846	1.732	Open Manhole	1500	5.008	113.114	525	5.007	113.189	450	
480	118.425	1.500	Open Manhole	1200	7.000	116.925	225				
481	115.330	1.630	Open Manhole	1200	7.001	113.700	300	7.000	113.775	225	
431	114.646	1.796	Open Manhole	1500	5.009	112.850	525	5.008	112.850	525	
								7.001	113.075	300	
432	114.019	1.244	Open Manhole	1500	5.010	112.775	525	5.009	112.775	525	
433	113.900	1.725	Open Manhole	1500	5.011	112.175	525	5.010	112.175	525	
435	113.300	1.725	Open Manhole	1500	5.012	111.575	525	5.011	111.575	525	
436	112.700	1.725	Open Manhole	1500	5.013	110.975	525	5.012	110.975	525	
437	112.250	1.725	Open Manhole	1500	5.014	110.525	525	5.013	110.525	525	
439	110.950	1.725	Open Manhole	1500	5.015	109.225	525	5.014	109.225	525	
440	110.135	1.985	Open Manhole	3000	5.016	108.150	44	5.015	108.150	525	
445	112.816	1.516	Open Manhole	1200	8.000	111.300	225				
446	112.451	1.701	Open Manhole	1200	8.001	110.750	300	8.000	110.825	225	
447	110.600	1.575	Open Manhole	1200	8.002	109.025	300	8.001	109.025	300	
448	109.300	1.075	Open Manhole	3000	8.003	108.225	41	8.002	108.225	300	
415	109.300	1.350	Open Manhole	3000	1.018	107.950	300	1.017	107.950	750	
								5.016	107.950	44	
								8.003	107.950	41	
49	109.200	1.725	Open Manhole	1200	1.019	107.475	300	1.018	107.475	300	
416	108.450	1.025	Open Manhole	0		OUTFALL		1.019	107.425	300	
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<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
169	1.275	214	1.275	259	1.275	304	1.275	349	1.275	394	1.275
170	1.275	215	1.275	260	1.275	305	1.275	350	1.275	395	1.275
171	1.275	216	1.275	261	1.275	306	1.275	351	1.275	396	1.275
172	1.275	217	1.275	262	1.275	307	1.275	352	1.275	397	1.275
173	1.275	218	1.275	263	1.275	308	1.275	353	1.275	398	1.275
174	1.275	219	1.275	264	1.275	309	1.275	354	1.275	399	1.275
175	1.275	220	1.275	265	1.275	310	1.275	355	1.275	400	1.275
176	1.275	221	1.275	266	1.275	311	1.275	356	1.275	401	1.275
177	1.275	222	1.275	267	1.275	312	1.275	357	1.275	402	1.275
178	1.275	223	1.275	268	1.275	313	1.275	358	1.275	403	1.275
179	1.275	224	1.275	269	1.275	314	1.275	359	1.275	404	1.275
180	1.275	225	1.275	270	1.275	315	1.275	360	1.275	405	1.275
181	1.275	226	1.275	271	1.275	316	1.275	361	1.275	406	1.275
182	1.275	227	1.275	272	1.275	317	1.275	362	1.275	407	1.275
183	1.275	228	1.275	273	1.275	318	1.275	363	1.275	408	1.275
184	1.275	229	1.275	274	1.275	319	1.275	364	1.275	409	1.275
185	1.275	230	1.275	275	1.275	320	1.275	365	1.275	410	1.275
186	1.275	231	1.275	276	1.275	321	1.275	366	1.275	411	1.275
187	1.275	232	1.275	277	1.275	322	1.275	367	1.275	412	1.275
188	1.275	233	1.275	278	1.275	323	1.275	368	1.275	413	1.275
189	1.275	234	1.275	279	1.275	324	1.275	369	1.275	414	1.275
190	1.275	235	1.275	280	1.275	325	1.275	370	1.275	415	1.275
191	1.275	236	1.275	281	1.275	326	1.275	371	1.275	416	1.275
192	1.275	237	1.275	282	1.275	327	1.275	372	1.275	417	1.275
193	1.275	238	1.275	283	1.275	328	1.275	373	1.275	418	1.275
194	1.275	239	1.275	284	1.275	329	1.275	374	1.275	419	1.275
195	1.275	240	1.275	285	1.275	330	1.275	375	1.275	420	1.275
196	1.275	241	1.275	286	1.275	331	1.275	376	1.275	421	1.275
197	1.275	242	1.275	287	1.275	332	1.275	377	1.275	422	1.275
198	1.275	243	1.275	288	1.275	333	1.275	378	1.275	423	1.275
199	1.275	244	1.275	289	1.275	334	1.275	379	1.275	424	1.275
200	1.275	245	1.275	290	1.275	335	1.275	380	1.275	425	1.275
201	1.275	246	1.275	291	1.275	336	1.275	381	1.275	426	1.275
202	1.275	247	1.275	292	1.275	337	1.275	382	1.275	427	1.275
203	1.275	248	1.275	293	1.275	338	1.275	383	1.275	428	1.275
204	1.275	249	1.275	294	1.275	339	1.275	384	1.275	429	1.275
205	1.275	250	1.275	295	1.275	340	1.275	385	1.275	430	1.275
206	1.275	251	1.275	296	1.275	341	1.275	386	1.275	431	1.275
207	1.275	252	1.275	297	1.275	342	1.275	387	1.275	432	1.275
208	1.275	253	1.275	298	1.275	343	1.275	388	1.275	433	1.275
209	1.275	254	1.275	299	1.275	344	1.275	389	1.275	434	1.275
210	1.275	255	1.275	300	1.275	345	1.275	390	1.275	435	1.275
211	1.275	256	1.275	301	1.275	346	1.275	391	1.275	436	1.275
212	1.275	257	1.275	302	1.275	347	1.275	392	1.275	437	1.275
213	1.275	258	1.275	303	1.275	348	1.275	393	1.275	438	1.275
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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)
484	1.275	529	1.275	574	1.275	619	1.275	664	1.275	709	1.275
485	1.275	530	1.275	575	1.275	620	1.275	665	1.275	710	1.275
486	1.275	531	1.275	576	1.275	621	1.275	666	1.275	711	1.275
487	1.275	532	1.275	577	1.275	622	1.275	667	1.275	712	1.275
488	1.275	533	1.275	578	1.275	623	1.275	668	1.275	713	1.275
489	1.275	534	1.275	579	1.275	624	1.275	669	1.275	714	1.275
490	1.275	535	1.275	580	1.275	625	1.275	670	1.275	715	1.275
491	1.275	536	1.275	581	1.275	626	1.275	671	1.275	716	1.275
492	1.275	537	1.275	582	1.275	627	1.275	672	1.275	717	1.275
493	1.275	538	1.275	583	1.275	628	1.275	673	1.275	718	1.275
494	1.275	539	1.275	584	1.275	629	1.275	674	1.275	719	1.275
495	1.275	540	1.275	585	1.275	630	1.275	675	1.275	720	1.275
496	1.275	541	1.275	586	1.275	631	1.275	676	1.275	721	1.275
497	1.275	542	1.275	587	1.275	632	1.275	677	1.275	722	1.275
498	1.275	543	1.275	588	1.275	633	1.275	678	1.275	723	1.275
499	1.275	544	1.275	589	1.275	634	1.275	679	1.275	724	1.275
500	1.275	545	1.275	590	1.275	635	1.275	680	1.275	725	1.275
501	1.275	546	1.275	591	1.275	636	1.275	681	1.275	726	1.275
502	1.275	547	1.275	592	1.275	637	1.275	682	1.275	727	1.275
503	1.275	548	1.275	593	1.275	638	1.275	683	1.275	728	1.275
504	1.275	549	1.275	594	1.275	639	1.275	684	1.275	729	1.275
505	1.275	550	1.275	595	1.275	640	1.275	685	1.275	730	1.275
506	1.275	551	1.275	596	1.275	641	1.275	686	1.275	731	1.275
507	1.275	552	1.275	597	1.275	642	1.275	687	1.275	732	1.275
508	1.275	553	1.275	598	1.275	643	1.275	688	1.275	733	1.275
509	1.275	554	1.275	599	1.275	644	1.275	689	1.275	734	1.275
510	1.275	555	1.275	600	1.275	645	1.275	690	1.275	735	1.275
511	1.275	556	1.275	601	1.275	646	1.275	691	1.275	736	1.275
512	1.275	557	1.275	602	1.275	647	1.275	692	1.275	737	1.275
513	1.275	558	1.275	603	1.275	648	1.275	693	1.275	738	1.275
514	1.275	559	1.275	604	1.275	649	1.275	694	1.275	739	1.275
515	1.275	560	1.275	605	1.275	650	1.275	695	1.275	740	1.275
516	1.275	561	1.275	606	1.275	651	1.275	696	1.275	741	1.275
517	1.275	562	1.275	607	1.275	652	1.275	697	1.275	742	1.275
518	1.275	563	1.275	608	1.275	653	1.275	698	1.275	743	1.275
519	1.275	564	1.275	609	1.275	654	1.275	699	1.275	744	1.275
520	1.275	565	1.275	610	1.275	655	1.275	700	1.275	745	1.275
521	1.275	566	1.275	611	1.275	656	1.275	701	1.275	746	1.275
522	1.275	567	1.275	612	1.275	657	1.275	702	1.275	747	1.275
523	1.275	568	1.275	613	1.275	658	1.275	703	1.275	748	1.275
524	1.275	569	1.275	614	1.275	659	1.275	704	1.275	749	1.275
525	1.275	570	1.275	615	1.275	660	1.275	705	1.275	750	1.275
526	1.275	571	1.275	616	1.275	661	1.275	706	1.275	751	1.275
527	1.275	572	1.275	617	1.275	662	1.275	707	1.275	752	1.275
528	1.275	573	1.275	618	1.275	663	1.275	708	1.275	753	1.275
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33 Beaumaris Drive Gedling Nottingham NG4 2RA											
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File E970 - NETWORK 4 (V3 MAR...					Checked by						
Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 4 STORM.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)
799	1.275	844	1.275	889	1.275	934	1.275	979	1.275	1024	1.275
800	1.275	845	1.275	890	1.275	935	1.275	980	1.275	1025	1.275
801	1.275	846	1.275	891	1.275	936	1.275	981	1.275	1026	1.275
802	1.275	847	1.275	892	1.275	937	1.275	982	1.275	1027	1.275
803	1.275	848	1.275	893	1.275	938	1.275	983	1.275	1028	1.275
804	1.275	849	1.275	894	1.275	939	1.275	984	1.275	1029	1.275
805	1.275	850	1.275	895	1.275	940	1.275	985	1.275	1030	1.275
806	1.275	851	1.275	896	1.275	941	1.275	986	1.275	1031	1.275
807	1.275	852	1.275	897	1.275	942	1.275	987	1.275	1032	1.275
808	1.275	853	1.275	898	1.275	943	1.275	988	1.275	1033	1.275
809	1.275	854	1.275	899	1.275	944	1.275	989	1.275	1034	1.275
810	1.275	855	1.275	900	1.275	945	1.275	990	1.275	1035	1.275
811	1.275	856	1.275	901	1.275	946	1.275	991	1.275	1036	1.275
812	1.275	857	1.275	902	1.275	947	1.275	992	1.275	1037	1.275
813	1.275	858	1.275	903	1.275	948	1.275	993	1.275	1038	1.275
814	1.275	859	1.275	904	1.275	949	1.275	994	1.275	1039	1.275
815	1.275	860	1.275	905	1.275	950	1.275	995	1.275	1040	1.275
816	1.275	861	1.275	906	1.275	951	1.275	996	1.275	1041	1.275
817	1.275	862	1.275	907	1.275	952	1.275	997	1.275	1042	1.275
818	1.275	863	1.275	908	1.275	953	1.275	998	1.275	1043	1.275
819	1.275	864	1.275	909	1.275	954	1.275	999	1.275	1044	1.275
820	1.275	865	1.275	910	1.275	955	1.275	1000	1.275	1045	1.275
821	1.275	866	1.275	911	1.275	956	1.275	1001	1.275	1046	1.275
822	1.275	867	1.275	912	1.275	957	1.275	1002	1.275	1047	1.275
823	1.275	868	1.275	913	1.275	958	1.275	1003	1.275	1048	1.275
824	1.275	869	1.275	914	1.275	959	1.275	1004	1.275	1049	1.275
825	1.275	870	1.275	915	1.275	960	1.275	1005	1.275	1050	1.275
826	1.275	871	1.275	916	1.275	961	1.275	1006	1.275	1051	1.275
827	1.275	872	1.275	917	1.275	962	1.275	1007	1.275	1052	1.275
828	1.275	873	1.275	918	1.275	963	1.275	1008	1.275	1053	1.275
829	1.275	874	1.275	919	1.275	964	1.275	1009	1.275	1054	1.275
830	1.275	875	1.275	920	1.275	965	1.275	1010	1.275	1055	1.275
831	1.275	876	1.275	921	1.275	966	1.275	1011	1.275	1056	1.275
832	1.275	877	1.275	922	1.275	967	1.275	1012	1.275	1057	1.275
833	1.275	878	1.275	923	1.275	968	1.275	1013	1.275	1058	1.275
834	1.275	879	1.275	924	1.275	969	1.275	1014	1.275	1059	1.275
835	1.275	880	1.275	925	1.275	970	1.275	1015	1.275	1060	1.275
836	1.275	881	1.275	926	1.275	971	1.275	1016	1.275	1061	1.275
837	1.275	882	1.275	927	1.275	972	1.275	1017	1.275	1062	1.275
838	1.275	883	1.275	928	1.275	973	1.275	1018	1.275	1063	1.275
839	1.275	884	1.275	929	1.275	974	1.275	1019	1.275	1064	1.275
840	1.275	885	1.275	930	1.275	975	1.275	1020	1.275	1065	1.275
841	1.275	886	1.275	931	1.275	976	1.275	1021	1.275	1066	1.275
842	1.275	887	1.275	932	1.275	977	1.275	1022	1.275	1067	1.275
843	1.275	888	1.275	933	1.275	978	1.275	1023	1.275	1068	1.275
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Network 2018.1.1											
Surcharged Outfall Details for NETWORK 4 STORM.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)
1114	1.275	1159	1.275	1204	1.275	1249	1.275	1294	1.275	1384	1.275
1115	1.275	1160	1.275	1205	1.275	1250	1.275	1295	1.275	1385	1.275
1116	1.275	1161	1.275	1206	1.275	1251	1.275	1296	1.275	1386	1.275
1117	1.275	1162	1.275	1207	1.275	1252	1.275	1297	1.275	1387	1.275
1118	1.275	1163	1.275	1208	1.275	1253	1.275	1298	1.275	1388	1.275
1119	1.275	1164	1.275	1209	1.275	1254	1.275	1299	1.275	1389	1.275
1120	1.275	1165	1.275	1210	1.275	1255	1.275	1300	1.275	1390	1.275
1121	1.275	1166	1.275	1211	1.275	1256	1.275	1301	1.275	1391	1.275
1122	1.275	1167	1.275	1212	1.275	1257	1.275	1302	1.275	1392	1.275
1123	1.275	1168	1.275	1213	1.275	1258	1.275	1303	1.275	1393	1.275
1124	1.275	1169	1.275	1214	1.275	1259	1.275	1304	1.275	1394	1.275
1125	1.275	1170	1.275	1215	1.275	1260	1.275	1305	1.275	1395	1.275
1126	1.275	1171	1.275	1216	1.275	1261	1.275	1306	1.275	1396	1.275
1127	1.275	1172	1.275	1217	1.275	1262	1.275	1307	1.275	1397	1.275
1128	1.275	1173	1.275	1218	1.275	1263	1.275	1308	1.275	1398	1.275
1129	1.275	1174	1.275	1219	1.275	1264	1.275	1309	1.275	1399	1.275
1130	1.275	1175	1.275	1220	1.275	1265	1.275	1310	1.275	1400	1.275
1131	1.275	1176	1.275	1221	1.275	1266	1.275	1311	1.275	1401	1.275
1132	1.275	1177	1.275	1222	1.275	1267	1.275	1312	1.275	1402	1.275
1133	1.275	1178	1.275	1223	1.275	1268	1.275	1313	1.275	1403	1.275
1134	1.275	1179	1.275	1224	1.275	1269	1.275	1314	1.275	1404	1.275
1135	1.275	1180	1.275	1225	1.275	1270	1.275	1315	1.275	1405	1.275
1136	1.275	1181	1.275	1226	1.275	1271	1.275	1316	1.275	1406	1.275
1137	1.275	1182	1.275	1227	1.275	1272	1.275	1317	1.275	1407	1.275
1138	1.275	1183	1.275	1228	1.275	1273	1.275	1318	1.275	1408	1.275
1139	1.275	1184	1.275	1229	1.275	1274	1.275	1319	1.275	1409	1.275
1140	1.275	1185	1.275	1230	1.275	1275	1.275	1320	1.275	1410	1.275
1141	1.275	1186	1.275	1231	1.275	1276	1.275	1321	1.275	1411	1.275
1142	1.275	1187	1.275	1232	1.275	1277	1.275	1322	1.275	1412	1.275
1143	1.275	1188	1.275	1233	1.275	1278	1.275	1323	1.275	1413	1.275
1144	1.275	1189	1.275	1234	1.275	1279	1.275	1324	1.275	1414	1.275
1145	1.275	1190	1.275	1235	1.275	1280	1.275	1325	1.275	1415	1.275
1146	1.275	1191	1.275	1236	1.275	1281	1.275	1326	1.275	1416	1.275
1147	1.275	1192	1.275	1237	1.275	1282	1.275	1327	1.275	1417	1.275
1148	1.275	1193	1.275	1238	1.275	1283	1.275	1328	1.275	1418	1.275
1149	1.275	1194	1.275	1239	1.275	1284	1.275	1329	1.275	1419	1.275
1150	1.275	1195	1.275	1240	1.275	1285	1.275	1330	1.275	1420	1.275
1151	1.275	1196	1.275	1241	1.275	1286	1.275	1331	1.275	1421	1.275
1152	1.275	1197	1.275	1242	1.275	1287	1.275	1332	1.275	1422	1.275
1153	1.275	1198	1.275	1243	1.275	1288	1.275	1333	1.275	1423	1.275
1154	1.275	1199	1.275	1244	1.275	1289	1.275	1334	1.275	1424	1.275
1155	1.275	1200	1.275	1245	1.275	1290	1.275	1335	1.275	1425	1.275
1156	1.275	1201	1.275	1246	1.275	1291	1.275	1336	1.275	1426	1.275
1157	1.275	1202	1.275	1247	1.275	1292	1.275	1337	1.275	1427	1.275
1158	1.275	1203	1.275	1248	1.275	1293	1.275	1338	1.275	1428	1.275
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Innovyze					Network 2018.1.1						
<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
1429	1.275	1474	1.275	1519	1.275	1564	1.275	1609	1.275	1654	1.275
1430	1.275	1475	1.275	1520	1.275	1565	1.275	1610	1.275	1655	1.275
1431	1.275	1476	1.275	1521	1.275	1566	1.275	1611	1.275	1656	1.275
1432	1.275	1477	1.275	1522	1.275	1567	1.275	1612	1.275	1657	1.275
1433	1.275	1478	1.275	1523	1.275	1568	1.275	1613	1.275	1658	1.275
1434	1.275	1479	1.275	1524	1.275	1569	1.275	1614	1.275	1659	1.275
1435	1.275	1480	1.275	1525	1.275	1570	1.275	1615	1.275	1660	1.275
1436	1.275	1481	1.275	1526	1.275	1571	1.275	1616	1.275	1661	1.275
1437	1.275	1482	1.275	1527	1.275	1572	1.275	1617	1.275	1662	1.275
1438	1.275	1483	1.275	1528	1.275	1573	1.275	1618	1.275	1663	1.275
1439	1.275	1484	1.275	1529	1.275	1574	1.275	1619	1.275	1664	1.275
1440	1.275	1485	1.275	1530	1.275	1575	1.275	1620	1.275	1665	1.275
1441	1.275	1486	1.275	1531	1.275	1576	1.275	1621	1.275	1666	1.275
1442	1.275	1487	1.275	1532	1.275	1577	1.275	1622	1.275	1667	1.275
1443	1.275	1488	1.275	1533	1.275	1578	1.275	1623	1.275	1668	1.275
1444	1.275	1489	1.275	1534	1.275	1579	1.275	1624	1.275	1669	1.275
1445	1.275	1490	1.275	1535	1.275	1580	1.275	1625	1.275	1670	1.275
1446	1.275	1491	1.275	1536	1.275	1581	1.275	1626	1.275	1671	1.275
1447	1.275	1492	1.275	1537	1.275	1582	1.275	1627	1.275	1672	1.275
1448	1.275	1493	1.275	1538	1.275	1583	1.275	1628	1.275	1673	1.275
1449	1.275	1494	1.275	1539	1.275	1584	1.275	1629	1.275	1674	1.275
1450	1.275	1495	1.275	1540	1.275	1585	1.275	1630	1.275	1675	1.275
1451	1.275	1496	1.275	1541	1.275	1586	1.275	1631	1.275	1676	1.275
1452	1.275	1497	1.275	1542	1.275	1587	1.275	1632	1.275	1677	1.275
1453	1.275	1498	1.275	1543	1.275	1588	1.275	1633	1.275	1678	1.275
1454	1.275	1499	1.275	1544	1.275	1589	1.275	1634	1.275	1679	1.275
1455	1.275	1500	1.275	1545	1.275	1590	1.275	1635	1.275	1680	1.275
1456	1.275	1501	1.275	1546	1.275	1591	1.275	1636	1.275	1681	1.275
1457	1.275	1502	1.275	1547	1.275	1592	1.275	1637	1.275	1682	1.275
1458	1.275	1503	1.275	1548	1.275	1593	1.275	1638	1.275	1683	1

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<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
1744	1.275	1789	1.275	1834	1.275	1879	1.275	1924	1.275	1969	1.275
1745	1.275	1790	1.275	1835	1.275	1880	1.275	1925	1.275	1970	1.275
1746	1.275	1791	1.275	1836	1.275	1881	1.275	1926	1.275	1971	1.275
1747	1.275	1792	1.275	1837	1.275	1882	1.275	1927	1.275	1972	1.275
1748	1.275	1793	1.275	1838	1.275	1883	1.275	1928	1.275	1973	1.275
1749	1.275	1794	1.275	1839	1.275	1884	1.275	1929	1.275	1974	1.275
1750	1.275	1795	1.275	1840	1.275	1885	1.275	1930	1.275	1975	1.275
1751	1.275	1796	1.275	1841	1.275	1886	1.275	1931	1.275	1976	1.275
1752	1.275	1797	1.275	1842	1.275	1887	1.275	1932	1.275	1977	1.275
1753	1.275	1798	1.275	1843	1.275	1888	1.275	1933	1.275	1978	1.275
1754	1.275	1799	1.275	1844	1.275	1889	1.275	1934	1.275	1979	1.275
1755	1.275	1800	1.275	1845	1.275	1890	1.275	1935	1.275	1980	1.275
1756	1.275	1801	1.275	1846	1.275	1891	1.275	1936	1.275	1981	1.275
1757	1.275	1802	1.275	1847	1.275	1892	1.275	1937	1.275	1982	1.275
1758	1.275	1803	1.275	1848	1.275	1893	1.275	1938	1.275	1983	1.275
1759	1.275	1804	1.275	1849	1.275	1894	1.275	1939	1.275	1984	1.275
1760	1.275	1805	1.275	1850	1.275	1895	1.275	1940	1.275	1985	1.275
1761	1.275	1806	1.275	1851	1.275	1896	1.275	1941	1.275	1986	1.275
1762	1.275	1807	1.275	1852	1.275	1897	1.275	1942	1.275	1987	1.275
1763	1.275	1808	1.275	1853	1.275	1898	1.275	1943	1.275	1988	1.275
1764	1.275	1809	1.275	1854	1.275	1899	1.275	1944	1.275	1989	1.275
1765	1.275	1810	1.275	1855	1.275	1900	1.275	1945	1.275	1990	1.275
1766	1.275	1811	1.275	1856	1.275	1901	1.275	1946	1.275	1991	1.275
1767	1.275	1812	1.275	1857	1.275	1902	1.275	1947	1.275	1992	1.275
1768	1.275	1813	1.275	1858	1.275	1903	1.275	1948	1.275	1993	1.275
1769	1.275	1814	1.275	1859	1.275	1904	1.275	1949	1.275	1994	1.275
1770	1.275	1815	1.275	1860	1.275	1905	1.275	1950	1.275	1995	1.275
1771	1.275	1816	1.275	1861	1.275	1906	1.275	1951	1.275	1996	1.275
1772	1.275	1817	1.275	1862	1.275	1907	1.275	1952	1.275	1997	1.275
1773	1.275	1818	1.275	1863	1.275	1908	1.275	1953	1.275	1998	1.

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<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
2059	1.275	2104	1.275	2149	1.275	2194	1.275	2239	1.275	2284	1.275
2060	1.275	2105	1.275	2150	1.275	2195	1.275	2240	1.275	2285	1.275
2061	1.275	2106	1.275	2151	1.275	2196	1.275	2241	1.275	2286	1.275
2062	1.275	2107	1.275	2152	1.275	2197	1.275	2242	1.275	2287	1.275
2063	1.275	2108	1.275	2153	1.275	2198	1.275	2243	1.275	2288	1.275
2064	1.275	2109	1.275	2154	1.275	2199	1.275	2244	1.275	2289	1.275
2065	1.275	2110	1.275	2155	1.275	2200	1.275	2245	1.275	2290	1.275
2066	1.275	2111	1.275	2156	1.275	2201	1.275	2246	1.275	2291	1.275
2067	1.275	2112	1.275	2157	1.275	2202	1.275	2247	1.275	2292	1.275
2068	1.275	2113	1.275	2158	1.275	2203	1.275	2248	1.275	2293	1.275
2069	1.275	2114	1.275	2159	1.275	2204	1.275	2249	1.275	2294	1.275
2070	1.275	2115	1.275	2160	1.275	2205	1.275	2250	1.275	2295	1.275
2071	1.275	2116	1.275	2161	1.275	2206	1.275	2251	1.275	2296	1.275
2072	1.275	2117	1.275	2162	1.275	2207	1.275	2252	1.275	2297	1.275
2073	1.275	2118	1.275	2163	1.275	2208	1.275	2253	1.275	2298	1.275
2074	1.275	2119	1.275	2164	1.275	2209	1.275	2254	1.275	2299	1.275
2075	1.275	2120	1.275	2165	1.275	2210	1.275	2255	1.275	2300	1.275
2076	1.275	2121	1.275	2166	1.275	2211	1.275	2256	1.275	2301	1.275
2077	1.275	2122	1.275	2167	1.275	2212	1.275	2257	1.275	2302	1.275
2078	1.275	2123	1.275	2168	1.275	2213	1.275	2258	1.275	2303	1.275
2079	1.275	2124	1.275	2169	1.275	2214	1.275	2259	1.275	2304	1.275
2080	1.275	2125	1.275	2170	1.275	2215	1.275	2260	1.275	2305	1.275
2081	1.275	2126	1.275	2171	1.275	2216	1.275	2261	1.275	2306	1.275
2082	1.275	2127	1.275	2172	1.275	2217	1.275	2262	1.275	2307	1.275
2083	1.275	2128	1.275	2173	1.275	2218	1.275	2263	1.275	2308	1.275
2084	1.275	2129	1.275	2174	1.275	2219	1.275	2264	1.275	2309	1.275
2085	1.275	2130	1.275	2175	1.275	2220	1.275	2265	1.275	2310	1.275
2086	1.275	2131	1.275	2176	1.275	2221	1.275	2266	1.275	2311	1.275
2087	1.275	2132	1.275	2177	1.275	2222	1.275	2267	1.275	2312	1.275
2088	1.275	2133	1.275	2178	1.275	2223	1.275	2268	1.275	2313	1.

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Date 01/01/0001					Designed by JoWard						
File E970 - NETWORK 4 (V3 MAR...					Checked by						
Innovyze					Network 2018.1.1						
<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
2374	1.275	2419	1.275	2464	1.275	2509	1.275	2554	1.275	2599	1.275
2375	1.275	2420	1.275	2465	1.275	2510	1.275	2555	1.275	2600	1.275
2376	1.275	2421	1.275	2466	1.275	2511	1.275	2556	1.275	2601	1.275
2377	1.275	2422	1.275	2467	1.275	2512	1.275	2557	1.275	2602	1.275
2378	1.275	2423	1.275	2468	1.275	2513	1.275	2558	1.275	2603	1.275
2379	1.275	2424	1.275	2469	1.275	2514	1.275	2559	1.275	2604	1.275
2380	1.275	2425	1.275	2470	1.275	2515	1.275	2560	1.275	2605	1.275
2381	1.275	2426	1.275	2471	1.275	2516	1.275	2561	1.275	2606	1.275
2382	1.275	2427	1.275	2472	1.275	2517	1.275	2562	1.275	2607	1.275
2383	1.275	2428	1.275	2473	1.275	2518	1.275	2563	1.275	2608	1.275
2384	1.275	2429	1.275	2474	1.275	2519	1.275	2564	1.275	2609	1.275
2385	1.275	2430	1.275	2475	1.275	2520	1.275	2565	1.275	2610	1.275
2386	1.275	2431	1.275	2476	1.275	2521	1.275	2566	1.275	2611	1.275
2387	1.275	2432	1.275	2477	1.275	2522	1.275	2567	1.275	2612	1.275
2388	1.275	2433	1.275	2478	1.275	2523	1.275	2568	1.275	2613	1.275
2389	1.275	2434	1.275	2479	1.275	2524	1.275	2569	1.275	2614	1.275
2390	1.275	2435	1.275	2480	1.275	2525	1.275	2570	1.275	2615	1.275
2391	1.275	2436	1.275	2481	1.275	2526	1.275	2571	1.275	2616	1.275
2392	1.275	2437	1.275	2482	1.275	2527	1.275	2572	1.275	2617	1.275
2393	1.275	2438	1.275	2483	1.275	2528	1.275	2573	1.275	2618	1.275
2394	1.275	2439	1.275	2484	1.275	2529	1.275	2574	1.275	2619	1.275
2395	1.275	2440	1.275	2485	1.275	2530	1.275	2575	1.275	2620	1.275
2396	1.275	2441	1.275	2486	1.275	2531	1.275	2576	1.275	2621	1.275
2397	1.275	2442	1.275	2487	1.275	2532	1.275	2577	1.275	2622	1.275
2398	1.275	2443	1.275	2488	1.275	2533	1.275	2578	1.275	2623	1.275
2399	1.275	2444	1.275	2489	1.275	2534	1.275	2579	1.275	2624	1.275
2400	1.275	2445	1.275	2490	1.275	2535	1.275	2580	1.275	2625	1.275
2401	1.275	2446	1.275	2491	1.275	2536	1.275	2581	1.275	2626	1.275
2402	1.275	2447	1.275	2492	1.275	2537	1.275	2582	1.275	2627	1.275
2403	1.275	2448	1.275	2493	1.275	2538	1.275	2583	1.275	2628	1.

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Surcharged Outfall Details for NETWORK 4 STORM.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)
2689	1.275	2734	1.275	2779	1.275	2824	1.275	2869	1.275	2914	1.275
2690	1.275	2735	1.275	2780	1.275	2825	1.275	2870	1.275	2915	1.275
2691	1.275	2736	1.275	2781	1.275	2826	1.275	2871	1.275	2916	1.275
2692	1.275	2737	1.275	2782	1.275	2827	1.275	2872	1.275	2917	1.275
2693	1.275	2738	1.275	2783	1.275	2828	1.275	2873	1.275	2918	1.275
2694	1.275	2739	1.275	2784	1.275	2829	1.275	2874	1.275	2919	1.275
2695	1.275	2740	1.275	2785	1.275	2830	1.275	2875	1.275	2920	1.275
2696	1.275	2741	1.275	2786	1.275	2831	1.275	2876	1.275	2921	1.275
2697	1.275	2742	1.275	2787	1.275	2832	1.275	2877	1.275	2922	1.275
2698	1.275	2743	1.275	2788	1.275	2833	1.275	2878	1.275	2923	1.275
2699	1.275	2744	1.275	2789	1.275	2834	1.275	2879	1.275	2924	1.275
2700	1.275	2745	1.275	2790	1.275	2835	1.275	2880	1.275	2925	1.275
2701	1.275	2746	1.275	2791	1.275	2836	1.275	2881	1.275	2926	1.275
2702	1.275	2747	1.275	2792	1.275	2837	1.275	2882	1.275	2927	1.275
2703	1.275	2748	1.275	2793	1.275	2838	1.275	2883	1.275	2928	1.275
2704	1.275	2749	1.275	2794	1.275	2839	1.275	2884	1.275	2929	1.275
2705	1.275	2750	1.275	2795	1.275	2840	1.275	2885	1.275	2930	1.275
2706	1.275	2751	1.275	2796	1.275	2841	1.275	2886	1.275	2931	1.275
2707	1.275	2752	1.275	2797	1.275	2842	1.275	2887	1.275	2932	1.275
2708	1.275	2753	1.275	2798	1.275	2843	1.275	2888	1.275	2933	1.275
2709	1.275	2754	1.275	2799	1.275	2844	1.275	2889	1.275	2934	1.275
2710	1.275	2755	1.275	2800	1.275	2845	1.275	2890	1.275	2935	1.275
2711	1.275	2756	1.275	2801	1.275	2846	1.275	2891	1.275	2936	1.275
2712	1.275	2757	1.275	2802	1.275	2847	1.275	2892	1.275	2937	1.275
2713	1.275	2758	1.275	2803	1.275	2848	1.275	2893	1.275	2938	1.275
2714	1.275	2759	1.275	2804	1.275	2849	1.275	2894	1.275	2939	1.275
2715	1.275	2760	1.275	2805	1.275	2850	1.275	2895	1.275	2940	1.275
2716	1.275	2761	1.275	2806	1.275	2851	1.275	2896	1.275	2941	1.275
2717	1.275	2762	1.275	2807	1.275	2852	1.275	2897	1.275	2942	1.275
2718	1.275	2763	1.275	2808	1.275	2853	1.275	2898	1.275	2943	1.275
2719	1.275	2764	1.275	2809	1.275	2854	1.275	2899	1.275	2944	1.275
2720	1.275	2765	1.275	2810	1.275	2855	1.275	2900	1.275	2945	1.275
2721	1.275	2766	1.275	2811	1.275	2856	1.275	2901	1.275	2946	1.275
2722	1.275	2767	1.275	2812	1.275	2857	1.275	2902	1.275	2947	1.275
2723	1.275	2768	1.275	2813	1.275	2858	1.275	2903	1.275	2948	1.275
2724	1.275	2769	1.275	2814	1.275	2859	1.275	2904	1.275	2949	1.275
2725	1.275	2770	1.275	2815	1.275	2860	1.275	2905	1.275	2950	1.275
2726	1.275	2771	1.275	2816	1.275	2861	1.275	2906	1.275	2951	1.275
2727	1.275	2772	1.275	2817	1.275	2862	1.275	2907	1.275	2952	1.275
2728	1.275	2773	1.275	2818	1.275	2863	1.275	2908	1.275	2953	1.275
2729	1.275	2774	1.275	2819	1.275	2864	1.275	2909	1.275	2954	1.275
2730	1.275	2775	1.275	2820	1.275	2865	1.275	2910	1.275	2955	1.275
2731	1.275	2776	1.275	2821	1.275	2866	1.275	2911	1.275	2956	1.275
2732	1.275	2777	1.275	2822	1.275	2867	1.275	2912	1.275	2957	1.275
2733	1.275	2778	1.275	2823	1.275	2868	1.275	2913	1.275	2958	1.275
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<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
3004	1.275	3049	1.275	3094	1.275	3139	1.275	3184	1.275	3229	1.275
3005	1.275	3050	1.275	3095	1.275	3140	1.275	3185	1.275	3230	1.275
3006	1.275	3051	1.275	3096	1.275	3141	1.275	3186	1.275	3231	1.275
3007	1.275	3052	1.275	3097	1.275	3142	1.275	3187	1.275	3232	1.275
3008	1.275	3053	1.275	3098	1.275	3143	1.275	3188	1.275	3233	1.275
3009	1.275	3054	1.275	3099	1.275	3144	1.275	3189	1.275	3234	1.275
3010	1.275	3055	1.275	3100	1.275	3145	1.275	3190	1.275	3235	1.275
3011	1.275	3056	1.275	3101	1.275	3146	1.275	3191	1.275	3236	1.275
3012	1.275	3057	1.275	3102	1.275	3147	1.275	3192	1.275	3237	1.275
3013	1.275	3058	1.275	3103	1.275	3148	1.275	3193	1.275	3238	1.275
3014	1.275	3059	1.275	3104	1.275	3149	1.275	3194	1.275	3239	1.275
3015	1.275	3060	1.275	3105	1.275	3150	1.275	3195	1.275	3240	1.275
3016	1.275	3061	1.275	3106	1.275	3151	1.275	3196	1.275	3241	1.275
3017	1.275	3062	1.275	3107	1.275	3152	1.275	3197	1.275	3242	1.275
3018	1.275	3063	1.275	3108	1.275	3153	1.275	3198	1.275	3243	1.275
3019	1.275	3064	1.275	3109	1.275	3154	1.275	3199	1.275	3244	1.275
3020	1.275	3065	1.275	3110	1.275	3155	1.275	3200	1.275	3245	1.275
3021	1.275	3066	1.275	3111	1.275	3156	1.275	3201	1.275	3246	1.275
3022	1.275	3067	1.275	3112	1.275	3157	1.275	3202	1.275	3247	1.275
3023	1.275	3068	1.275	3113	1.275	3158	1.275	3203	1.275	3248	1.275
3024	1.275	3069	1.275	3114	1.275	3159	1.275	3204	1.275	3249	1.275
3025	1.275	3070	1.275	3115	1.275	3160	1.275	3205	1.275	3250	1.275
3026	1.275	3071	1.275	3116	1.275	3161	1.275	3206	1.275	3251	1.275
3027	1.275	3072	1.275	3117	1.275	3162	1.275	3207	1.275	3252	1.275
3028	1.275	3073	1.275	3118	1.275	3163	1.275	3208	1.275	3253	1.275
3029	1.275	3074	1.275	3119	1.275	3164	1.275	3209	1.275	3254	1.275
3030	1.275	3075	1.275	3120	1.275	3165	1.275	3210	1.275	3255	1.275
3031	1.275	3076	1.275	3121	1.275	3166	1.275	3211	1.275	3256	1.275
3032	1.275	3077	1.275	3122	1.275	3167	1.275	3212	1.275	3257	1.275
3033	1.275	3078	1.275	3123	1.275	3168	1.275	3213	1.275	3258	1.

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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
3634	1.275	3679	1.275	3724	1.275	3769	1.275	3814	1.275	3859	1.275
3635	1.275	3680	1.275	3725	1.275	3770	1.275	3815	1.275	3860	1.275
3636	1.275	3681	1.275	3726	1.275	3771	1.275	3816	1.275	3861	1.275
3637	1.275	3682	1.275	3727	1.275	3772	1.275	3817	1.275	3862	1.275
3638	1.275	3683	1.275	3728	1.275	3773	1.275	3818	1.275	3863	1.275
3639	1.275	3684	1.275	3729	1.275	3774	1.275	3819	1.275	3864	1.275
3640	1.275	3685	1.275	3730	1.275	3775	1.275	3820	1.275	3865	1.275
3641	1.275	3686	1.275	3731	1.275	3776	1.275	3821	1.275	3866	1.275
3642	1.275	3687	1.275	3732	1.275	3777	1.275	3822	1.275	3867	1.275
3643	1.275	3688	1.275	3733	1.275	3778	1.275	3823	1.275	3868	1.275
3644	1.275	3689	1.275	3734	1.275	3779	1.275	3824	1.275	3869	1.275
3645	1.275	3690	1.275	3735	1.275	3780	1.275	3825	1.275	3870	1.275
3646	1.275	3691	1.275	3736	1.275	3781	1.275	3826	1.275	3871	1.275
3647	1.275	3692	1.275	3737	1.275	3782	1.275	3827	1.275	3872	1.275
3648	1.275	3693	1.275	3738	1.275	3783	1.275	3828	1.275	3873	1.275
3649	1.275	3694	1.275	3739	1.275	3784	1.275	3829	1.275	3874	1.275
3650	1.275	3695	1.275	3740	1.275	3785	1.275	3830	1.275	3875	1.275
3651	1.275	3696	1.275	3741	1.275	3786	1.275	3831	1.275	3876	1.275
3652	1.275	3697	1.275	3742	1.275	3787	1.275	3832	1.275	3877	1.275
3653	1.275	3698	1.275	3743	1.275	3788	1.275	3833	1.275	3878	1.275
3654	1.275	3699	1.275	3744	1.275	3789	1.275	3834	1.275	3879	1.275
3655	1.275	3700	1.275	3745	1.275	3790	1.275	3835	1.275	3880	1.275
3656	1.275	3701	1.275	3746	1.275	3791	1.275	3836	1.275	3881	1.275
3657	1.275	3702	1.275	3747	1.275	3792	1.275	3837	1.275	3882	1.275
3658	1.275	3703	1.275	3748	1.275	3793	1.275	3838	1.275	3883	1.275
3659	1.275	3704	1.275	3749	1.275	3794	1.275	3839	1.275	3884	1.275
3660	1.275	3705	1.275	3750	1.275	3795	1.275	3840	1.275	3885	1.275
3661	1.275	3706	1.275	3751	1.275	3796	1.275	3841	1.275	3886	1.275
3662	1.275	3707	1.275	3752	1.275	3797	1.275	3842	1.275	3887	1.275
3663	1.275	3708	1.275	3753	1.275	3798	1.275	3843	1.275	3888	1.275
3664	1.275	3709	1.275	3754	1.275	3799	1.275	3844	1.275	3889	1.275
3665	1.275	3710	1.275	3755	1.275	3800	1.275	3845	1.275	3890	1.275
3666	1.275	3711	1.275	3756	1.275	3801	1.275	3846	1.275	3891	1.275
3667	1.275	3712	1.275	3757	1.275	3802	1.275	3847	1.275	3892	1.275
3668	1.275	3713	1.275	3758	1.275	3803	1.275	3848	1.275	3893	1.275
3669	1.275	3714	1.275	3759	1.275	3804	1.275	3849	1.275	3894	1.275
3670	1.275	3715	1.275	3760	1.275	3805	1.275	3850	1.275	3895	1.275
3671	1.275	3716	1.275	3761	1.275	3806	1.275	3851	1.275	3896	1.275
3672	1.275	3717	1.275	3762	1.275	3807	1.275	3852	1.275	3897	1.275
3673	1.275	3718	1.275	3763	1.275	3808	1.275	3853	1.275	3898	1.275
3674	1.275	3719	1.275	3764	1.275	3809	1.275	3854	1.275	3899	1.275
3675	1.275	3720	1.275	3765	1.275	3810	1.275	3855	1.275	3900	1.275
3676	1.275	3721	1.275	3766	1.275	3811	1.275	3856	1.275	3901	1.275
3677	1.275	3722	1.275	3767	1.275	3812	1.275	3857	1.275	3902	1.275
3678	1.275	3723	1.275	3768	1.275	3813	1.275	3858	1.275	3903	1.275
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Date 01/01/0001 File E970 - NETWORK 4 (V3 MAR...					Designed by JoWard Checked by						
Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 4 STORM.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)
4264	1.275	4309	1.275	4354	1.275	4399	1.275	4444	1.275	4489	1.275
4265	1.275	4310	1.275	4355	1.275	4400	1.275	4445	1.275	4490	1.275
4266	1.275	4311	1.275	4356	1.275	4401	1.275	4446	1.275	4491	1.275
4267	1.275	4312	1.275	4357	1.275	4402	1.275	4447	1.275	4492	1.275
4268	1.275	4313	1.275	4358	1.275	4403	1.275	4448	1.275	4493	1.275
4269	1.275	4314	1.275	4359	1.275	4404	1.275	4449	1.275	4494	1.275
4270	1.275	4315	1.275	4360	1.275	4405	1.275	4450	1.275	4495	1.275
4271	1.275	4316	1.275	4361	1.275	4406	1.275	4451	1.275	4496	1.275
4272	1.275	4317	1.275	4362	1.275	4407	1.275	4452	1.275	4497	1.275
4273	1.275	4318	1.275	4363	1.275	4408	1.275	4453	1.275	4498	1.275
4274	1.275	4319	1.275	4364	1.275	4409	1.275	4454	1.275	4499	1.275
4275	1.275	4320	1.275	4365	1.275	4410	1.275	4455	1.275	4500	1.275
4276	1.275	4321	1.275	4366	1.275	4411	1.275	4456	1.275	4501	1.275
4277	1.275	4322	1.275	4367	1.275	4412	1.275	4457	1.275	4502	1.275
4278	1.275	4323	1.275	4368	1.275	4413	1.275	4458	1.275	4503	1.275
4279	1.275	4324	1.275	4369	1.275	4414	1.275	4459	1.275	4504	1.275
4280	1.275	4325	1.275	4370	1.275	4415	1.275	4460	1.275	4505	1.275
4281	1.275	4326	1.275	4371	1.275	4416	1.275	4461	1.275	4506	1.275
4282	1.275	4327	1.275	4372	1.275	4417	1.275	4462	1.275	4507	1.275
4283	1.275	4328	1.275	4373	1.275	4418	1.275	4463	1.275	4508	1.275
4284	1.275	4329	1.275	4374	1.275	4419	1.275	4464	1.275	4509	1.275
4285	1.275	4330	1.275	4375	1.275	4420	1.275	4465	1.275	4510	1.275
4286	1.275	4331	1.275	4376	1.275	4421	1.275	4466	1.275	4511	1.275
4287	1.275	4332	1.275	4377	1.275	4422	1.275	4467	1.275	4512	1.275
4288	1.275	4333	1.275	4378	1.275	4423	1.275	4468	1.275	4513	1.275
4289	1.275	4334	1.275	4379	1.275	4424	1.275	4469	1.275	4514	1.275
4290	1.275	4335	1.275	4380	1.275	4425	1.275	4470	1.275	4515	1.275
4291	1.275	4336	1.275	4381	1.275	4426	1.275	4471	1.275	4516	1.275
4292	1.275	4337	1.275	4382	1.275	4427	1.275	4472	1.275	4517	1.275
4293	1.275	4338	1.275	4383	1.275	4428	1.275	4473	1.275	4518	1.275
4294	1.275	4339	1.275	4384	1.275	4429	1.275	4474	1.275	4519	1.275
4295	1.275	4340	1.275	4385	1.275	4430	1.275	4475	1.275	4520	1.275
4296	1.275	4341	1.275	4386	1.275	4431	1.275	4476	1.275	4521	1.275
4297	1.275	4342	1.275	4387	1.275	4432	1.275	4477	1.275	4522	1.275
4298	1.275	4343	1.275	4388	1.275	4433	1.275	4478	1.275	4523	1.275
4299	1.275	4344	1.275	4389	1.275	4434	1.275	4479	1.275	4524	1.275
4300	1.275	4345	1.275	4390	1.275	4435	1.275	4480	1.275	4525	1.275
4301	1.275	4346	1.275	4391	1.275	4436	1.275	4481	1.275	4526	1.275
4302	1.275	4347	1.275	4392	1.275	4437	1.275	4482	1.275	4527	1.275
4303	1.275	4348	1.275	4393	1.275	4438	1.275	4483	1.275	4528	1.275
4304	1.275	4349	1.275	4394	1.275	4439	1.275	4484	1.275	4529	1.275
4305	1.275	4350	1.275	4395	1.275	4440	1.275	4485	1.275	4530	1.275
4306	1.275	4351	1.275	4396	1.275	4441	1.275	4486	1.275	4531	1.275
4307	1.275	4352	1.275	4397	1.275	4442	1.275	4487	1.275	4532	1.275
4308	1.275	4353	1.275	4398	1.275	4443	1.275	4488	1.275	4533	1.275
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Network 2018.1.1											
Surcharged Outfall Details for NETWORK 4 STORM.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)
4579	1.275	4624	1.275	4669	1.275	4714	1.275	4759	1.275	4804	1.275
4580	1.275	4625	1.275	4670	1.275	4715	1.275	4760	1.275	4805	1.275
4581	1.275	4626	1.275	4671	1.275	4716	1.275	4761	1.275	4806	1.275
4582	1.275	4627	1.275	4672	1.275	4717	1.275	4762	1.275	4807	1.275
4583	1.275	4628	1.275	4673	1.275	4718	1.275	4763	1.275	4808	1.275
4584	1.275	4629	1.275	4674	1.275	4719	1.275	4764	1.275	4809	1.275
4585	1.275	4630	1.275	4675	1.275	4720	1.275	4765	1.275	4810	1.275
4586	1.275	4631	1.275	4676	1.275	4721	1.275	4766	1.275	4811	1.275
4587	1.275	4632	1.275	4677	1.275	4722	1.275	4767	1.275	4812	1.275
4588	1.275	4633	1.275	4678	1.275	4723	1.275	4768	1.275	4813	1.275
4589	1.275	4634	1.275	4679	1.275	4724	1.275	4769	1.275	4814	1.275
4590	1.275	4635	1.275	4680	1.275	4725	1.275	4770	1.275	4815	1.275
4591	1.275	4636	1.275	4681	1.275	4726	1.275	4771	1.275	4816	1.275
4592	1.275	4637	1.275	4682	1.275	4727	1.275	4772	1.275	4817	1.275
4593	1.275	4638	1.275	4683	1.275	4728	1.275	4773	1.275	4818	1.275
4594	1.275	4639	1.275	4684	1.275	4729	1.275	4774	1.275	4819	1.275
4595	1.275	4640	1.275	4685	1.275	4730	1.275	4775	1.275	4820	1.275
4596	1.275	4641	1.275	4686	1.275	4731	1.275	4776	1.275	4821	1.275
4597	1.275	4642	1.275	4687	1.275	4732	1.275	4777	1.275	4822	1.275
4598	1.275	4643	1.275	4688	1.275	4733	1.275	4778	1.275	4823	1.275
4599	1.275	4644	1.275	4689	1.275	4734	1.275	4779	1.275	4824	1.275
4600	1.275	4645	1.275	4690	1.275	4735	1.275	4780	1.275	4825	1.275
4601	1.275	4646	1.275	4691	1.275	4736	1.275	4781	1.275	4826	1.275
4602	1.275	4647	1.275	4692	1.275	4737	1.275	4782	1.275	4827	1.275
4603	1.275	4648	1.275	4693	1.275	4738	1.275	4783	1.275	4828	1.275
4604	1.275	4649	1.275	4694	1.275	4739	1.275	4784	1.275	4829	1.275
4605	1.275	4650	1.275	4695	1.275	4740	1.275	4785	1.275	4830	1.275
4606	1.275	4651	1.275	4696	1.275	4741	1.275	4786	1.275	4831	1.275
4607	1.275	4652	1.275	4697	1.275	4742	1.275	4787	1.275	4832	1.275
4608	1.275	4653	1.275	4698	1.275	4743	1.275	4788	1.275	4833	1.275
4609	1.275	4654	1.275	4699	1.275	4744	1.275	4789	1.275	4834	1.275
4610	1.275	4655	1.275	4700	1.275	4745	1.275	4790	1.275	4835	1.275
4611	1.275	4656	1.275	4701	1.275	4746	1.275	4791	1.275	4836	1.275
4612	1.275	4657	1.275	4702	1.275	4747	1.275	4792	1.275	4837	1.275
4613	1.275	4658	1.275	4703	1.275	4748	1.275	4793	1.275	4838	1.275
4614	1.275	4659	1.275	4704	1.275	4749	1.275	4794	1.275	4839	1.275
4615	1.275	4660	1.275	4705	1.275	4750	1.275	4795	1.275	4840	1.275
4616	1.275	4661	1.275	4706	1.275	4751	1.275	4796	1.275	4841	1.275
4617	1.275	4662	1.275	4707	1.275	4752	1.275	4797	1.275	4842	1.275
4618	1.275	4663	1.275	4708	1.275	4753	1.275	4798	1.275	4843	1.275
4619	1.275	4664	1.275	4709	1.275	4754	1.275	4799	1.275	4844	1.275
4620	1.275	4665	1.275	4710	1.275	4755	1.275	4800	1.275	4845	1.275
4621	1.275	4666	1.275	4711	1.275	4756	1.275	4801	1.275	4846	1.275
4622	1.275	4667	1.275	4712	1.275	4757	1.275	4802	1.275	4847	1.275
4623	1.275	4668	1.275	4713	1.275	4758	1.275	4803	1.275	4848	1.275
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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)
4894	1.275	4939	1.275	4984	1.275	5029	1.275	5074	1.275	5119	1.275
4895	1.275	4940	1.275	4985	1.275	5030	1.275	5075	1.275	5120	1.275
4896	1.275	4941	1.275	4986	1.275	5031	1.275	5076	1.275	5121	1.275
4897	1.275	4942	1.275	4987	1.275	5032	1.275	5077	1.275	5122	1.275
4898	1.275	4943	1.275	4988	1.275	5033	1.275	5078	1.275	5123	1.275
4899	1.275	4944	1.275	4989	1.275	5034	1.275	5079	1.275	5124	1.275
4900	1.275	4945	1.275	4990	1.275	5035	1.275	5080	1.275	5125	1.275
4901	1.275	4946	1.275	4991	1.275	5036	1.275	5081	1.275	5126	1.275
4902	1.275	4947	1.275	4992	1.275	5037	1.275	5082	1.275	5127	1.275
4903	1.275	4948	1.275	4993	1.275	5038	1.275	5083	1.275	5128	1.275
4904	1.275	4949	1.275	4994	1.275	5039	1.275	5084	1.275	5129	1.275
4905	1.275	4950	1.275	4995	1.275	5040	1.275	5085	1.275	5130	1.275
4906	1.275	4951	1.275	4996	1.275	5041	1.275	5086	1.275	5131	1.275
4907	1.275	4952	1.275	4997	1.275	5042	1.275	5087	1.275	5132	1.275
4908	1.275	4953	1.275	4998	1.275	5043	1.275	5088	1.275	5133	1.275
4909	1.275	4954	1.275	4999	1.275	5044	1.275	5089	1.275	5134	1.275
4910	1.275	4955	1.275	5000	1.275	5045	1.275	5090	1.275	5135	1.275
4911	1.275	4956	1.275	5001	1.275	5046	1.275	5091	1.275	5136	1.275
4912	1.275	4957	1.275	5002	1.275	5047	1.275	5092	1.275	5137	1.275
4913	1.275	4958	1.275	5003	1.275	5048	1.275	5093	1.275	5138	1.275
4914	1.275	4959	1.275	5004	1.275	5049	1.275	5094	1.275	5139	1.275
4915	1.275	4960	1.275	5005	1.275	5050	1.275	5095	1.275	5140	1.275
4916	1.275	4961	1.275	5006	1.275	5051	1.275	5096	1.275	5141	1.275
4917	1.275	4962	1.275	5007	1.275	5052	1.275	5097	1.275	5142	1.275
4918	1.275	4963	1.275	5008	1.275	5053	1.275	5098	1.275	5143	1.275
4919	1.275	4964	1.275	5009	1.275	5054	1.275	5099	1.275	5144	1.275
4920	1.275	4965	1.275	5010	1.275	5055	1.275	5100	1.275	5145	1.275
4921	1.275	4966	1.275	5011	1.275	5056	1.275	5101	1.275	5146	1.275
4922	1.275	4967	1.275	5012	1.275	5057	1.275	5102	1.275	5147	1.275
4923	1.275	4968	1.275	5013	1.275	5058	1.275	5103	1.275	5148	1.275
4924	1.275	4969	1.275	5014	1.275	5059	1.275	5104	1.275	5149	1.275
4925	1.275	4970	1.275	5015	1.275	5060	1.275	5105	1.275	5150	1.275
4926	1.275	4971	1.275	5016	1.275	5061	1.275	5106	1.275	5151	1.275
4927	1.275	4972	1.275	5017	1.275	5062	1.275	5107	1.275	5152	1.275
4928	1.275	4973	1.275	5018	1.275	5063	1.275	5108	1.275	5153	1.275
4929	1.275	4974	1.275	5019	1.275	5064	1.275	5109	1.275	5154	1.275
4930	1.275	4975	1.275	5020	1.275	5065	1.275	5110	1.275	5155	1.275
4931	1.275	4976	1.275	5021	1.275	5066	1.275	5111	1.275	5156	1.275
4932	1.275	4977	1.275	5022	1.275	5067	1.275	5112	1.275	5157	1.275
4933	1.275	4978	1.275	5023	1.275	5068	1.275	5113	1.275	5158	1.275
4934	1.275	4979	1.275	5024	1.275	5069	1.275	5114	1.275	5159	1.275
4935	1.275	4980	1.275	5025	1.275	5070	1.275	5115	1.275	5160	1.275
4936	1.275	4981	1.275	5026	1.275	5071	1.275	5116	1.275	5161	1.275
4937	1.275	4982	1.275	5027	1.275	5072	1.275	5117	1.275	5162	1.275
4938	1.275	4983	1.275	5028	1.275	5073	1.275	5118	1.275	5163	1.275
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Surcharged Outfall Details for NETWORK 4 STORM.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)
5209	1.275	5254	1.275	5299	1.275	5344	1.275	5389	1.275	5434	1.275
5210	1.275	5255	1.275	5300	1.275	5345	1.275	5390	1.275	5435	1.275
5211	1.275	5256	1.275	5301	1.275	5346	1.275	5391	1.275	5436	1.275
5212	1.275	5257	1.275	5302	1.275	5347	1.275	5392	1.275	5437	1.275
5213	1.275	5258	1.275	5303	1.275	5348	1.275	5393	1.275	5438	1.275
5214	1.275	5259	1.275	5304	1.275	5349	1.275	5394	1.275	5439	1.275
5215	1.275	5260	1.275	5305	1.275	5350	1.275	5395	1.275	5440	1.275
5216	1.275	5261	1.275	5306	1.275	5351	1.275	5396	1.275	5441	1.275
5217	1.275	5262	1.275	5307	1.275	5352	1.275	5397	1.275	5442	1.275
5218	1.275	5263	1.275	5308	1.275	5353	1.275	5398	1.275	5443	1.275
5219	1.275	5264	1.275	5309	1.275	5354	1.275	5399	1.275	5444	1.275
5220	1.275	5265	1.275	5310	1.275	5355	1.275	5400	1.275	5445	1.275
5221	1.275	5266	1.275	5311	1.275	5356	1.275	5401	1.275	5446	1.275
5222	1.275	5267	1.275	5312	1.275	5357	1.275	5402	1.275	5447	1.275
5223	1.275	5268	1.275	5313	1.275	5358	1.275	5403	1.275	5448	1.275
5224	1.275	5269	1.275	5314	1.275	5359	1.275	5404	1.275	5449	1.275
5225	1.275	5270	1.275	5315	1.275	5360	1.275	5405	1.275	5450	1.275
5226	1.275	5271	1.275	5316	1.275	5361	1.275	5406	1.275	5451	1.275
5227	1.275	5272	1.275	5317	1.275	5362	1.275	5407	1.275	5452	1.275
5228	1.275	5273	1.275	5318	1.275	5363	1.275	5408	1.275	5453	1.275
5229	1.275	5274	1.275	5319	1.275	5364	1.275	5409	1.275	5454	1.275
5230	1.275	5275	1.275	5320	1.275	5365	1.275	5410	1.275	5455	1.275
5231	1.275	5276	1.275	5321	1.275	5366	1.275	5411	1.275	5456	1.275
5232	1.275	5277	1.275	5322	1.275	5367	1.275	5412	1.275	5457	1.275
5233	1.275	5278	1.275	5323	1.275	5368	1.275	5413	1.275	5458	1.275
5234	1.275	5279	1.275	5324	1.275	5369	1.275	5414	1.275	5459	1.275
5235	1.275	5280	1.275	5325	1.275	5370	1.275	5415	1.275	5460	1.275
5236	1.275	5281	1.275	5326	1.275	5371	1.275	5416	1.275	5461	1.275
5237	1.275	5282	1.275	5327	1.275	5372	1.275	5417	1.275	5462	1.275
5238	1.275	5283	1.275	5328	1.275	5373	1.275	5418	1.275	5463	1.275
5239	1.275	5284	1.275	5329	1.275	5374	1.275	5419	1.275	5464	1.275
5240	1.275	5285	1.275	5330	1.275	5375	1.275	5420	1.275	5465	1.275
5241	1.275	5286	1.275	5331	1.275	5376	1.275	5421	1.275	5466	1.275
5242	1.275	5287	1.275	5332	1.275	5377	1.275	5422	1.275	5467	1.275
5243	1.275	5288	1.275	5333	1.275	5378	1.275	5423	1.275	5468	1.275
5244	1.275	5289	1.275	5334	1.275	5379	1.275	5424	1.275	5469	1.275
5245	1.275	5290	1.275	5335	1.275	5380	1.275	5425	1.275	5470	1.275
5246	1.275	5291	1.275	5336	1.275	5381	1.275	5426	1.275	5471	1.275
5247	1.275	5292	1.275	5337	1.275	5382	1.275	5427	1.275	5472	1.275
5248	1.275	5293	1.275	5338	1.275	5383	1.275	5428	1.275	5473	1.275
5249	1.275	5294	1.275	5339	1.275	5384	1.275	5429	1.275	5474	1.275
5250	1.275	5295	1.275	5340	1.275	5385	1.275	5430	1.275	5475	1.275
5251	1.275	5296	1.275	5341	1.275	5386	1.275	5431	1.275	5476	1.275
5252	1.275	5297	1.275	5342	1.275	5387	1.275	5432	1.275	5477	1.275
5253	1.275	5298	1.275	5343	1.275	5388	1.275	5433	1.275	5478	1.275
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33 Beaumaris Drive Gedling Nottingham NG4 2RA											
Date 01/01/0001					Designed by JoWard						
File E970 - NETWORK 4 (V3 MAR...					Checked by						
Innovyze					Network 2018.1.1						
<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
5524	1.275	5569	1.275	5614	1.275	5659	1.275	5704	1.275	5749	1.275
5525	1.275	5570	1.275	5615	1.275	5660	1.275	5705	1.275	5750	1.275
5526	1.275	5571	1.275	5616	1.275	5661	1.275	5706	1.275	5751	1.275
5527	1.275	5572	1.275	5617	1.275	5662	1.275	5707	1.275	5752	1.275
5528	1.275	5573	1.275	5618	1.275	5663	1.275	5708	1.275	5753	1.275
5529	1.275	5574	1.275	5619	1.275	5664	1.275	5709	1.275	5754	1.275
5530	1.275	5575	1.275	5620	1.275	5665	1.275	5710	1.275	5755	1.275
5531	1.275	5576	1.275	5621	1.275	5666	1.275	5711	1.275	5756	1.275
5532	1.275	5577	1.275	5622	1.275	5667	1.275	5712	1.275	5757	1.275
5533	1.275	5578	1.275	5623	1.275	5668	1.275	5713	1.275	5758	1.275
5534	1.275	5579	1.275	5624	1.275	5669	1.275	5714	1.275	5759	1.275
5535	1.275	5580	1.275	5625	1.275	5670	1.275	5715	1.275	5760	1.275
5536	1.275	5581	1.275	5626	1.275	5671	1.275	5716	1.275	5761	1.275
5537	1.275	5582	1.275	5627	1.275	5672	1.275	5717	1.275	5762	1.275
5538	1.275	5583	1.275	5628	1.275	5673	1.275	5718	1.275	5763	1.275
5539	1.275	5584	1.275	5629	1.275	5674	1.275	5719	1.275	5764	1.275
5540	1.275	5585	1.275	5630	1.275	5675	1.275	5720	1.275	5765	1.275
5541	1.275	5586	1.275	5631	1.275	5676	1.275	5721	1.275	5766	1.275
5542	1.275	5587	1.275	5632	1.275	5677	1.275	5722	1.275	5767	1.275
5543	1.275	5588	1.275	5633	1.275	5678	1.275	5723	1.275	5768	1.275
5544	1.275	5589	1.275	5634	1.275	5679	1.275	5724	1.275	5769	1.275
5545	1.275	5590	1.275	5635	1.275	5680	1.275	5725	1.275	5770	1.275
5546	1.275	5591	1.275	5636	1.275	5681	1.275	5726	1.275	5771	1.275
5547	1.275	5592	1.275	5637	1.275	5682	1.275	5727	1.275	5772	1.275
5548	1.275	5593	1.275	5638	1.275	5683	1.275	5728	1.275	5773	1.275
5549	1.275	5594	1.275	5639	1.275	5684	1.275	5729	1.275	5774	1.275
5550	1.275	5595	1.275	5640	1.275	5685	1.275	5730	1.275	5775	1.275
5551	1.275	5596	1.275	5641	1.275	5686	1.275	5731	1.275	5776	1.275
5552	1.275	5597	1.275	5642	1.275	5687	1.275	5732	1.275	5777	1.275
5553	1.275	5598	1.275	5643	1.275	5688	1.275	5733	1.275	5778	1

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Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 4 STORM.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)
5839	1.275	5884	1.275	5929	1.275	5974	1.275	6019	1.275	6064	1.275
5840	1.275	5885	1.275	5930	1.275	5975	1.275	6020	1.275	6065	1.275
5841	1.275	5886	1.275	5931	1.275	5976	1.275	6021	1.275	6066	1.275
5842	1.275	5887	1.275	5932	1.275	5977	1.275	6022	1.275	6067	1.275
5843	1.275	5888	1.275	5933	1.275	5978	1.275	6023	1.275	6068	1.275
5844	1.275	5889	1.275	5934	1.275	5979	1.275	6024	1.275	6069	1.275
5845	1.275	5890	1.275	5935	1.275	5980	1.275	6025	1.275	6070	1.275
5846	1.275	5891	1.275	5936	1.275	5981	1.275	6026	1.275	6071	1.275
5847	1.275	5892	1.275	5937	1.275	5982	1.275	6027	1.275	6072	1.275
5848	1.275	5893	1.275	5938	1.275	5983	1.275	6028	1.275	6073	1.275
5849	1.275	5894	1.275	5939	1.275	5984	1.275	6029	1.275	6074	1.275
5850	1.275	5895	1.275	5940	1.275	5985	1.275	6030	1.275	6075	1.275
5851	1.275	5896	1.275	5941	1.275	5986	1.275	6031	1.275	6076	1.275
5852	1.275	5897	1.275	5942	1.275	5987	1.275	6032	1.275	6077	1.275
5853	1.275	5898	1.275	5943	1.275	5988	1.275	6033	1.275	6078	1.275
5854	1.275	5899	1.275	5944	1.275	5989	1.275	6034	1.275	6079	1.275
5855	1.275	5900	1.275	5945	1.275	5990	1.275	6035	1.275	6080	1.275
5856	1.275	5901	1.275	5946	1.275	5991	1.275	6036	1.275	6081	1.275
5857	1.275	5902	1.275	5947	1.275	5992	1.275	6037	1.275	6082	1.275
5858	1.275	5903	1.275	5948	1.275	5993	1.275	6038	1.275	6083	1.275
5859	1.275	5904	1.275	5949	1.275	5994	1.275	6039	1.275	6084	1.275
5860	1.275	5905	1.275	5950	1.275	5995	1.275	6040	1.275	6085	1.275
5861	1.275	5906	1.275	5951	1.275	5996	1.275	6041	1.275	6086	1.275
5862	1.275	5907	1.275	5952	1.275	5997	1.275	6042	1.275	6087	1.275
5863	1.275	5908	1.275	5953	1.275	5998	1.275	6043	1.275	6088	1.275
5864	1.275	5909	1.275	5954	1.275	5999	1.275	6044	1.275	6089	1.275
5865	1.275	5910	1.275	5955	1.275	6000	1.275	6045	1.275	6090	1.275
5866	1.275	5911	1.275	5956	1.275	6001	1.275	6046	1.275	6091	1.275
5867	1.275	5912	1.275	5957	1.275	6002	1.275	6047	1.275	6092	1.275
5868	1.275	5913	1.275	5958	1.275	6003	1.275	6048	1.275	6093	1.275
5869	1.275	5914	1.275	5959	1.275	6004	1.275	6049	1.275	6094	1.275
5870	1.275	5915	1.275	5960	1.275	6005	1.275	6050	1.275	6095	1.275
5871	1.275	5916	1.275	5961	1.275	6006	1.275	6051	1.275	6096	1.275
5872	1.275	5917	1.275	5962	1.275	6007	1.275	6052	1.275	6097	1.275
5873	1.275	5918	1.275	5963	1.275	6008	1.275	6053	1.275	6098	1.275
5874	1.275	5919	1.275	5964	1.275	6009	1.275	6054	1.275	6099	1.275
5875	1.275	5920	1.275	5965	1.275	6010	1.275	6055	1.275	6100	1.275
5876	1.275	5921	1.275	5966	1.275	6011	1.275	6056	1.275	6101	1.275
5877	1.275	5922	1.275	5967	1.275	6012	1.275	6057	1.275	6102	1.275
5878	1.275	5923	1.275	5968	1.275	6013	1.275	6058	1.275	6103	1.275
5879	1.275	5924	1.275	5969	1.275	6014	1.275	6059	1.275	6104	1.275
5880	1.275	5925	1.275	5970	1.275	6015	1.275	6060	1.275	6105	1.275
5881	1.275	5926	1.275	5971	1.275	6016	1.275	6061	1.275	6106	1.275
5882	1.275	5927	1.275	5972	1.275	6017	1.275	6062	1.275	6107	1.275
5883	1.275	5928	1.275	5973	1.275	6018	1.275	6063	1.275	6108	1.275
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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)
6154	1.275	6199	1.275	6244	1.275	6289	1.275	6334	1.275	6379	1.275	6424	1.275
6155	1.275	6200	1.275	6245	1.275	6290	1.275	6335	1.275	6380	1.275	6425	1.275
6156	1.275	6201	1.275	6246	1.275	6291	1.275	6336	1.275	6381	1.275	6426	1.275
6157	1.275	6202	1.275	6247	1.275	6292	1.275	6337	1.275	6382	1.275	6427	1.275
6158	1.275	6203	1.275	6248	1.275	6293	1.275	6338	1.275	6383	1.275	6428	1.275
6159	1.275	6204	1.275	6249	1.275	6294	1.275	6339	1.275	6384	1.275	6429	1.275
6160	1.275	6205	1.275	6250	1.275	6295	1.275	6340	1.275	6385	1.275	6430	1.275
6161	1.275	6206	1.275	6251	1.275	6296	1.275	6341	1.275	6386	1.275	6431	1.275
6162	1.275	6207	1.275	6252	1.275	6297	1.275	6342	1.275	6387	1.275	6432	1.275
6163	1.275	6208	1.275	6253	1.275	6298	1.275	6343	1.275	6388	1.275	6433	1.275
6164	1.275	6209	1.275	6254	1.275	6299	1.275	6344	1.275	6389	1.275	6434	1.275
6165	1.275	6210	1.275	6255	1.275	6300	1.275	6345	1.275	6390	1.275	6435	1.275
6166	1.275	6211	1.275	6256	1.275	6301	1.275	6346	1.275	6391	1.275	6436	1.275
6167	1.275	6212	1.275	6257	1.275	6302	1.275	6347	1.275	6392	1.275	6437	1.275
6168	1.275	6213	1.275	6258	1.275	6303	1.275	6348	1.275	6393	1.275	6438	1.275
6169	1.275	6214	1.275	6259	1.275	6304	1.275	6349	1.275	6394	1.275	6439	1.275
6170	1.275	6215	1.275	6260	1.275	6305	1.275	6350	1.275	6395	1.275	6440	1.275
6171	1.275	6216	1.275	6261	1.275	6306	1.275	6351	1.275	6396	1.275	6441	1.275
6172	1.275	6217	1.275	6262	1.275	6307	1.275	6352	1.275	6397	1.275	6442	1.275
6173	1.275	6218	1.275	6263	1.275	6308	1.275	6353	1.275	6398	1.275	6443	1.275
6174	1.275	6219	1.275	6264	1.275	6309	1.275	6354	1.275	6399	1.275	6444	1.275
6175	1.275	6220	1.275	6265	1.275	6310	1.275	6355	1.275	6400	1.275	6445	1.275
6176	1.275	6221	1.275	6266	1.275	6311	1.275	6356	1.275	6401	1.275	6446	1.275
6177	1.275	6222	1.275	6267	1.275	6312	1.275	6357	1.275	6402	1.275	6447	1.275
6178	1.275	6223	1.275	6268	1.275	6313	1.275	6358	1.275	6403	1.275	6448	1.275
6179	1.275	6224	1.275	6269	1.275	6314	1.275	6359	1.275	6404	1.275	6449	1.275
6180	1.275	6225	1.275	6270	1.275	6315	1.275	6360	1.275	6405	1.275	6450	1.275
6181	1.275	6226	1.275	6271	1.275	6316	1.275	6361	1.275	6406	1.275	6451	1.275
6182	1.275	6227	1.275	6272	1.275	6317	1.275	6362	1.275	6407	1.275</		

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Surcharged Outfall Details for NETWORK 4 STORM.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)
6469	1.275	6514	1.275	6559	1.275	6604	1.275	6649	1.275	6694	1.275
6470	1.275	6515	1.275	6560	1.275	6605	1.275	6650	1.275	6695	1.275
6471	1.275	6516	1.275	6561	1.275	6606	1.275	6651	1.275	6696	1.275
6472	1.275	6517	1.275	6562	1.275	6607	1.275	6652	1.275	6697	1.275
6473	1.275	6518	1.275	6563	1.275	6608	1.275	6653	1.275	6698	1.275
6474	1.275	6519	1.275	6564	1.275	6609	1.275	6654	1.275	6699	1.275
6475	1.275	6520	1.275	6565	1.275	6610	1.275	6655	1.275	6700	1.275
6476	1.275	6521	1.275	6566	1.275	6611	1.275	6656	1.275	6701	1.275
6477	1.275	6522	1.275	6567	1.275	6612	1.275	6657	1.275	6702	1.275
6478	1.275	6523	1.275	6568	1.275	6613	1.275	6658	1.275	6703	1.275
6479	1.275	6524	1.275	6569	1.275	6614	1.275	6659	1.275	6704	1.275
6480	1.275	6525	1.275	6570	1.275	6615	1.275	6660	1.275	6705	1.275
6481	1.275	6526	1.275	6571	1.275	6616	1.275	6661	1.275	6706	1.275
6482	1.275	6527	1.275	6572	1.275	6617	1.275	6662	1.275	6707	1.275
6483	1.275	6528	1.275	6573	1.275	6618	1.275	6663	1.275	6708	1.275
6484	1.275	6529	1.275	6574	1.275	6619	1.275	6664	1.275	6709	1.275
6485	1.275	6530	1.275	6575	1.275	6620	1.275	6665	1.275	6710	1.275
6486	1.275	6531	1.275	6576	1.275	6621	1.275	6666	1.275	6711	1.275
6487	1.275	6532	1.275	6577	1.275	6622	1.275	6667	1.275	6712	1.275
6488	1.275	6533	1.275	6578	1.275	6623	1.275	6668	1.275	6713	1.275
6489	1.275	6534	1.275	6579	1.275	6624	1.275	6669	1.275	6714	1.275
6490	1.275	6535	1.275	6580	1.275	6625	1.275	6670	1.275	6715	1.275
6491	1.275	6536	1.275	6581	1.275	6626	1.275	6671	1.275	6716	1.275
6492	1.275	6537	1.275	6582	1.275	6627	1.275	6672	1.275	6717	1.275
6493	1.275	6538	1.275	6583	1.275	6628	1.275	6673	1.275	6718	1.275
6494	1.275	6539	1.275	6584	1.275	6629	1.275	6674	1.275	6719	1.275
6495	1.275	6540	1.275	6585	1.275	6630	1.275	6675	1.275	6720	1.275
6496	1.275	6541	1.275	6586	1.275	6631	1.275	6676	1.275	6721	1.275
6497	1.275	6542	1.275	6587	1.275	6632	1.275	6677	1.275	6722	1.275
6498	1.275	6543	1.275	6588	1.275	6633	1.275	6678	1.275	6723	1.275
6499	1.275	6544	1.275	6589	1.275	6634	1.275	6679	1.275	6724	1.275
6500	1.275	6545	1.275	6590	1.275	6635	1.275	6680	1.275	6725	1.275
6501	1.275	6546	1.275	6591	1.275	6636	1.275	6681	1.275	6726	1.275
6502	1.275	6547	1.275	6592	1.275	6637	1.275	6682	1.275	6727	1.275
6503	1.275	6548	1.275	6593	1.275	6638	1.275	6683	1.275	6728	1.275
6504	1.275	6549	1.275	6594	1.275	6639	1.275	6684	1.275	6729	1.275
6505	1.275	6550	1.275	6595	1.275	6640	1.275	6685	1.275	6730	1.275
6506	1.275	6551	1.275	6596	1.275	6641	1.275	6686	1.275	6731	1.275
6507	1.275	6552	1.275	6597	1.275	6642	1.275	6687	1.275	6732	1.275
6508	1.275	6553	1.275	6598	1.275	6643	1.275	6688	1.275	6733	1.275
6509	1.275	6554	1.275	6599	1.275	6644	1.275	6689	1.275	6734	1.275
6510	1.275	6555	1.275	6600	1.275	6645	1.275	6690	1.275	6735	1.275
6511	1.275	6556	1.275	6601	1.275	6646	1.275	6691	1.275	6736	1.275
6512	1.275	6557	1.275	6602	1.275	6647	1.275	6692	1.275	6737	1.275
6513	1.275	6558	1.275	6603	1.275	6648	1.275	6693	1.275	6738	1.275
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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
6784	1.275	6829	1.275	6874	1.275	6919	1.275	6964	1.275	7009	1.275
6785	1.275	6830	1.275	6875	1.275	6920	1.275	6965	1.275	7010	1.275
6786	1.275	6831	1.275	6876	1.275	6921	1.275	6966	1.275	7011	1.275
6787	1.275	6832	1.275	6877	1.275	6922	1.275	6967	1.275	7012	1.275
6788	1.275	6833	1.275	6878	1.275	6923	1.275	6968	1.275	7013	1.275
6789	1.275	6834	1.275	6879	1.275	6924	1.275	6969	1.275	7014	1.275
6790	1.275	6835	1.275	6880	1.275	6925	1.275	6970	1.275	7015	1.275
6791	1.275	6836	1.275	6881	1.275	6926	1.275	6971	1.275	7016	1.275
6792	1.275	6837	1.275	6882	1.275	6927	1.275	6972	1.275	7017	1.275
6793	1.275	6838	1.275	6883	1.275	6928	1.275	6973	1.275	7018	1.275
6794	1.275	6839	1.275	6884	1.275	6929	1.275	6974	1.275	7019	1.275
6795	1.275	6840	1.275	6885	1.275	6930	1.275	6975	1.275	7020	1.275
6796	1.275	6841	1.275	6886	1.275	6931	1.275	6976	1.275	7021	1.275
6797	1.275	6842	1.275	6887	1.275	6932	1.275	6977	1.275	7022	1.275
6798	1.275	6843	1.275	6888	1.275	6933	1.275	6978	1.275	7023	1.275
6799	1.275	6844	1.275	6889	1.275	6934	1.275	6979	1.275	7024	1.275
6800	1.275	6845	1.275	6890	1.275	6935	1.275	6980	1.275	7025	1.275
6801	1.275	6846	1.275	6891	1.275	6936	1.275	6981	1.275	7026	1.275
6802	1.275	6847	1.275	6892	1.275	6937	1.275	6982	1.275	7027	1.275
6803	1.275	6848	1.275	6893	1.275	6938	1.275	6983	1.275	7028	1.275
6804	1.275	6849	1.275	6894	1.275	6939	1.275	6984	1.275	7029	1.275
6805	1.275	6850	1.275	6895	1.275	6940	1.275	6985	1.275	7030	1.275
6806	1.275	6851	1.275	6896	1.275	6941	1.275	6986	1.275	7031	1.275
6807	1.275	6852	1.275	6897	1.275	6942	1.275	6987	1.275	7032	1.275
6808	1.275	6853	1.275	6898	1.275	6943	1.275	6988	1.275	7033	1.275
6809	1.275	6854	1.275	6899	1.275	6944	1.275	6989	1.275	7034	1.275
6810	1.275	6855	1.275	6900	1.275	6945	1.275	6990	1.275	7035	1.275
6811	1.275	6856	1.275	6901	1.275	6946	1.275	6991	1.275	7036	1.275
6812	1.275	6857	1.275	6902	1.275	6947	1.275	6992	1.275	7037	1.275
6813	1.275	6858	1.275	6903	1.275	6948	1.275	6993	1.275	7038	1.275
6814	1.275	6859	1.275	6904	1.275	6949	1.275	6994	1.275	7039	1.275
6815	1.275	6860	1.275	6905	1.275	6950	1.275	6995	1.275	7040	1.275
6816	1.275	6861	1.275	6906	1.275	6951	1.275	6996	1.275	7041	1.275
6817	1.275	6862	1.275	6907	1.275	6952	1.275	6997	1.275	7042	1.275
6818	1.275	6863	1.275	6908	1.275	6953	1.275	6998	1.275	7043	1.275
6819	1.275	6864	1.275	6909	1.275	6954	1.275	6999	1.275	7044	1.275
6820	1.275	6865	1.275	6910	1.275	6955	1.275	7000	1.275	7045	1.275
6821	1.275	6866	1.275	6911	1.275	6956	1.275	7001	1.275	7046	1.275
6822	1.275	6867	1.275	6912	1.275	6957	1.275	7002	1.275	7047	1.275
6823	1.275	6868	1.275	6913	1.275	6958	1.275	7003	1.275	7048	1.275
6824	1.275	6869	1.275	6914	1.275	6959	1.275	7004	1.275	7049	1.275
6825	1.275	6870	1.275	6915	1.275	6960	1.275	7005	1.275	7050	1.275
6826	1.275	6871	1.275	6916	1.275	6961	1.275	7006	1.275	7051	1.275
6827	1.275	6872	1.275	6917	1.275	6962	1.275	7007	1.275	7052	1.275
6828	1.275	6873	1.275	6918	1.275	6963	1.275	7008	1.275	7053	1.275
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Date 01/01/0001											
File E970 - NETWORK 4 (V3 MAR...											
Innovyze					Designed by JoWard Checked by Network 2018.1.1						
Surcharged Outfall Details for NETWORK 4 STORM.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)
7099	1.275	7144	1.275	7189	1.275	7234	1.275	7279	1.275	7324	1.275
7100	1.275	7145	1.275	7190	1.275	7235	1.275	7280	1.275	7325	1.275
7101	1.275	7146	1.275	7191	1.275	7236	1.275	7281	1.275	7326	1.275
7102	1.275	7147	1.275	7192	1.275	7237	1.275	7282	1.275	7327	1.275
7103	1.275	7148	1.275	7193	1.275	7238	1.275	7283	1.275	7328	1.275
7104	1.275	7149	1.275	7194	1.275	7239	1.275	7284	1.275	7329	1.275
7105	1.275	7150	1.275	7195	1.275	7240	1.275	7285	1.275	7330	1.275
7106	1.275	7151	1.275	7196	1.275	7241	1.275	7286	1.275	7331	1.275
7107	1.275	7152	1.275	7197	1.275	7242	1.275	7287	1.275	7332	1.275
7108	1.275	7153	1.275	7198	1.275	7243	1.275	7288	1.275	7333	1.275
7109	1.275	7154	1.275	7199	1.275	7244	1.275	7289	1.275	7334	1.275
7110	1.275	7155	1.275	7200	1.275	7245	1.275	7290	1.275	7335	1.275
7111	1.275	7156	1.275	7201	1.275	7246	1.275	7291	1.275	7336	1.275
7112	1.275	7157	1.275	7202	1.275	7247	1.275	7292	1.275	7337	1.275
7113	1.275	7158	1.275	7203	1.275	7248	1.275	7293	1.275	7338	1.275
7114	1.275	7159	1.275	7204	1.275	7249	1.275	7294	1.275	7339	1.275
7115	1.275	7160	1.275	7205	1.275	7250	1.275	7295	1.275	7340	1.275
7116	1.275	7161	1.275	7206	1.275	7251	1.275	7296	1.275	7341	1.275
7117	1.275	7162	1.275	7207	1.275	7252	1.275	7297	1.275	7342	1.275
7118	1.275	7163	1.275	7208	1.275	7253	1.275	7298	1.275	7343	1.275
7119	1.275	7164	1.275	7209	1.275	7254	1.275	7299	1.275	7344	1.275
7120	1.275	7165	1.275	7210	1.275	7255	1.275	7300	1.275	7345	1.275
7121	1.275	7166	1.275	7211	1.275	7256	1.275	7301	1.275	7346	1.275
7122	1.275	7167	1.275	7212	1.275	7257	1.275	7302	1.275	7347	1.275
7123	1.275	7168	1.275	7213	1.275	7258	1.275	7303	1.275	7348	1.275
7124	1.275	7169	1.275	7214	1.275	7259	1.275	7304	1.275	7349	1.275
7125	1.275	7170	1.275	7215	1.275	7260	1.275	7305	1.275	7350	1.275
7126	1.275	7171	1.275	7216	1.275	7261	1.275	7306	1.275	7351	1.275
7127	1.275	7172	1.275	7217	1.275	7262	1.275	7307	1.275	7352	1.275
7128	1.275	7173	1.275	7218	1.275	7263	1.275	7308	1.275	7353	1.275
7129	1.275	7174	1.275	7219	1.275	7264	1.275	7309	1.275	7354	1.275
7130	1.275	7175	1.275	7220	1.275	7265	1.275	7310	1.275	7355	1.275
7131	1.275	7176	1.275	7221	1.275	7266	1.275	7311	1.275	7356	1.275
7132	1.275	7177	1.275	7222	1.275	7267	1.275	7312	1.275	7357	1.275
7133	1.275	7178	1.275	7223	1.275	7268	1.275	7313	1.275	7358	1.275
7134	1.275	7179	1.275	7224	1.275	7269	1.275	7314	1.275	7359	1.275
7135	1.275	7180	1.275	7225	1.275	7270	1.275	7315	1.275	7360	1.275
7136	1.275	7181	1.275	7226	1.275	7271	1.275	7316	1.275	7361	1.275
7137	1.275	7182	1.275	7227	1.275	7272	1.275	7317	1.275	7362	1.275
7138	1.275	7183	1.275	7228	1.275	7273	1.275	7318	1.275	7363	1.275
7139	1.275	7184	1.275	7229	1.275	7274	1.275	7319	1.275	7364	1.275
7140	1.275	7185	1.275	7230	1.275	7275	1.275	7320	1.275	7365	1.275
7141	1.275	7186	1.275	7231	1.275	7276	1.275	7321	1.275	7366	1.275
7142	1.275	7187	1.275	7232	1.275	7277	1.275	7322	1.275	7367	1.275
7143	1.275	7188	1.275	7233	1.275	7278	1.275	7323	1.275	7368	1.275
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Date 01/01/0001 File E970 - NETWORK 4 (V3 MAR...				Designed by JoWard Checked by							
Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
7414	1.275	7459	1.275	7504	1.275	7549	1.275	7594	1.275	7639	1.275
7415	1.275	7460	1.275	7505	1.275	7550	1.275	7595	1.275	7640	1.275
7416	1.275	7461	1.275	7506	1.275	7551	1.275	7596	1.275	7641	1.275
7417	1.275	7462	1.275	7507	1.275	7552	1.275	7597	1.275	7642	1.275
7418	1.275	7463	1.275	7508	1.275	7553	1.275	7598	1.275	7643	1.275
7419	1.275	7464	1.275	7509	1.275	7554	1.275	7599	1.275	7644	1.275
7420	1.275	7465	1.275	7510	1.275	7555	1.275	7600	1.275	7645	1.275
7421	1.275	7466	1.275	7511	1.275	7556	1.275	7601	1.275	7646	1.275
7422	1.275	7467	1.275	7512	1.275	7557	1.275	7602	1.275	7647	1.275
7423	1.275	7468	1.275	7513	1.275	7558	1.275	7603	1.275	7648	1.275
7424	1.275	7469	1.275	7514	1.275	7559	1.275	7604	1.275	7649	1.275
7425	1.275	7470	1.275	7515	1.275	7560	1.275	7605	1.275	7650	1.275
7426	1.275	7471	1.275	7516	1.275	7561	1.275	7606	1.275	7651	1.275
7427	1.275	7472	1.275	7517	1.275	7562	1.275	7607	1.275	7652	1.275
7428	1.275	7473	1.275	7518	1.275	7563	1.275	7608	1.275	7653	1.275
7429	1.275	7474	1.275	7519	1.275	7564	1.275	7609	1.275	7654	1.275
7430	1.275	7475	1.275	7520	1.275	7565	1.275	7610	1.275	7655	1.275
7431	1.275	7476	1.275	7521	1.275	7566	1.275	7611	1.275	7656	1.275
7432	1.275	7477	1.275	7522	1.275	7567	1.275	7612	1.275	7657	1.275
7433	1.275	7478	1.275	7523	1.275	7568	1.275	7613	1.275	7658	1.275
7434	1.275	7479	1.275	7524	1.275	7569	1.275	7614	1.275	7659	1.275
7435	1.275	7480	1.275	7525	1.275	7570	1.275	7615	1.275	7660	1.275
7436	1.275	7481	1.275	7526	1.275	7571	1.275	7616	1.275	7661	1.275
7437	1.275	7482	1.275	7527	1.275	7572	1.275	7617	1.275	7662	1.275
7438	1.275	7483	1.275	7528	1.275	7573	1.275	7618	1.275	7663	1.275
7439	1.275	7484	1.275	7529	1.275	7574	1.275	7619	1.275	7664	1.275
7440	1.275	7485	1.275	7530	1.275	7575	1.275	7620	1.275	7665	1.275
7441	1.275	7486	1.275	7531	1.275	7576	1.275	7621	1.275	7666	1.275
7442	1.275	7487	1.275	7532	1.275	7577	1.275	7622	1.275	7667	1.275
7443	1.275	7488	1.275	7533	1.275	7578	1.275	7623	1.275	7668	1.275
7444	1.275	7489	1.275	7534	1.275	7579	1.275	7624	1.275	7669	1.275
7445	1.275	7490	1.275	7535	1.275	7580	1.275	7625	1.275	7670	1.275
7446	1.275	7491	1.275	7536	1.275	7581	1.275	7626	1.275	7671	1.275
7447	1.275	7492	1.275	7537	1.275	7582	1.275	7627	1.275	7672	1.275
7448	1.275	7493	1.275	7538	1.275	7583	1.275	7628	1.275	7673	1.275
7449	1.275	7494	1.275	7539	1.275	7584	1.275	7629	1.275	7674	1.275
7450	1.275	7495	1.275	7540	1.275	7585	1.275	7630	1.275	7675	1.275
7451	1.275	7496	1.275	7541	1.275	7586	1.275	7631	1.275	7676	1.275
7452	1.275	7497	1.275	7542	1.275	7587	1.275	7632	1.275	7677	1.275
7453	1.275	7498	1.275	7543	1.275	7588	1.275	7633	1.275	7678	1.275
7454	1.275	7499	1.275	7544	1.275	7589	1.275	7634	1.275	7679	1.275
7455	1.275	7500	1.275	7545	1.275	7590	1.275	7635	1.275	7680	1.275
7456	1.275	7501	1.275	7546	1.275	7591	1.275	7636	1.275	7681	1.275
7457	1.275	7502	1.275	7547	1.275	7592	1.275	7637	1.275	7682	1.275
7458	1.275	7503	1.275	7548	1.275	7593	1.275	7638	1.275	7683	1.275
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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
7729	1.275	7774	1.275	7819	1.275	7864	1.275	7909	1.275	7954	1.275
7730	1.275	7775	1.275	7820	1.275	7865	1.275	7910	1.275	7955	1.275
7731	1.275	7776	1.275	7821	1.275	7866	1.275	7911	1.275	7956	1.275
7732	1.275	7777	1.275	7822	1.275	7867	1.275	7912	1.275	7957	1.275
7733	1.275	7778	1.275	7823	1.275	7868	1.275	7913	1.275	7958	1.275
7734	1.275	7779	1.275	7824	1.275	7869	1.275	7914	1.275	7959	1.275
7735	1.275	7780	1.275	7825	1.275	7870	1.275	7915	1.275	7960	1.275
7736	1.275	7781	1.275	7826	1.275	7871	1.275	7916	1.275	7961	1.275
7737	1.275	7782	1.275	7827	1.275	7872	1.275	7917	1.275	7962	1.275
7738	1.275	7783	1.275	7828	1.275	7873	1.275	7918	1.275	7963	1.275
7739	1.275	7784	1.275	7829	1.275	7874	1.275	7919	1.275	7964	1.275
7740	1.275	7785	1.275	7830	1.275	7875	1.275	7920	1.275	7965	1.275
7741	1.275	7786	1.275	7831	1.275	7876	1.275	7921	1.275	7966	1.275
7742	1.275	7787	1.275	7832	1.275	7877	1.275	7922	1.275	7967	1.275
7743	1.275	7788	1.275	7833	1.275	7878	1.275	7923	1.275	7968	1.275
7744	1.275	7789	1.275	7834	1.275	7879	1.275	7924	1.275	7969	1.275
7745	1.275	7790	1.275	7835	1.275	7880	1.275	7925	1.275	7970	1.275
7746	1.275	7791	1.275	7836	1.275	7881	1.275	7926	1.275	7971	1.275
7747	1.275	7792	1.275	7837	1.275	7882	1.275	7927	1.275	7972	1.275
7748	1.275	7793	1.275	7838	1.275	7883	1.275	7928	1.275	7973	1.275
7749	1.275	7794	1.275	7839	1.275	7884	1.275	7929	1.275	7974	1.275
7750	1.275	7795	1.275	7840	1.275	7885	1.275	7930	1.275	7975	1.275
7751	1.275	7796	1.275	7841	1.275	7886	1.275	7931	1.275	7976	1.275
7752	1.275	7797	1.275	7842	1.275	7887	1.275	7932	1.275	7977	1.275
7753	1.275	7798	1.275	7843	1.275	7888	1.275	7933	1.275	7978	1.275
7754	1.275	7799	1.275	7844	1.275	7889	1.275	7934	1.275	7979	1.275
7755	1.275	7800	1.275	7845	1.275	7890	1.275	7935	1.275	7980	1.275
7756	1.275	7801	1.275	7846	1.275	7891	1.275	7936	1.275	7981	1.275
7757	1.275	7802	1.275	7847	1.275	7892	1.275	7937	1.275	7982	1.275
7758	1.275	7803	1.275	7848	1.275	7893	1.275	7938	1.275	7983	1.275
7759	1.275	7804	1.275	7849	1.275	7894	1.275	7939	1.275	7984	1.275
7760	1.275	7805	1.275	7850	1.275	7895	1.275	7940	1.275	7985	1.275
7761	1.275	7806	1.275	7851	1.275	7896	1.275	7941	1.275	7986	1.275
7762	1.275	7807	1.275	7852	1.275	7897	1.275	7942	1.275	7987	1.275
7763	1.275	7808	1.275	7853	1.275	7898	1.275	7943	1.275	7988	1.275
7764	1.275	7809	1.275	7854	1.275	7899	1.275	7944	1.275	7989	1.275
7765	1.275	7810	1.275	7855	1.275	7900	1.275	7945	1.275	7990	1.275
7766	1.275	7811	1.275	7856	1.275	7901	1.275	7946	1.275	7991	1.275
7767	1.275	7812	1.275	7857	1.275	7902	1.275	7947	1.275	7992	1.275
7768	1.275	7813	1.275	7858	1.275	7903	1.275	7948	1.275	7993	1.275
7769	1.275	7814	1.275	7859	1.275	7904	1.275	7949	1.275	7994	1.275
7770	1.275	7815	1.275	7860	1.275	7905	1.275	7950	1.275	7995	1.275
7771	1.275	7816	1.275	7861	1.275	7906	1.275	7951	1.275	7996	1.275
7772	1.275	7817	1.275	7862	1.275	7907	1.275	7952	1.275	7997	1.275
7773	1.275	7818	1.275	7863	1.275	7908	1.275	7953	1.275	7998	1.275
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Date 01/01/0001 File E970 - NETWORK 4 (V3 MAR...					Designed by JoWard Checked by						
Innovyze					Network 2018.1.1						
Surcharged Outfall Details for NETWORK 4 STORM.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)
8359	1.275	8404	1.275	8449	1.275	8494	1.275	8539	1.275	8584	1.275
8360	1.275	8405	1.275	8450	1.275	8495	1.275	8540	1.275	8585	1.275
8361	1.275	8406	1.275	8451	1.275	8496	1.275	8541	1.275	8586	1.275
8362	1.275	8407	1.275	8452	1.275	8497	1.275	8542	1.275	8587	1.275
8363	1.275	8408	1.275	8453	1.275	8498	1.275	8543	1.275	8588	1.275
8364	1.275	8409	1.275	8454	1.275	8499	1.275	8544	1.275	8589	1.275
8365	1.275	8410	1.275	8455	1.275	8500	1.275	8545	1.275	8590	1.275
8366	1.275	8411	1.275	8456	1.275	8501	1.275	8546	1.275	8591	1.275
8367	1.275	8412	1.275	8457	1.275	8502	1.275	8547	1.275	8592	1.275
8368	1.275	8413	1.275	8458	1.275	8503	1.275	8548	1.275	8593	1.275
8369	1.275	8414	1.275	8459	1.275	8504	1.275	8549	1.275	8594	1.275
8370	1.275	8415	1.275	8460	1.275	8505	1.275	8550	1.275	8595	1.275
8371	1.275	8416	1.275	8461	1.275	8506	1.275	8551	1.275	8596	1.275
8372	1.275	8417	1.275	8462	1.275	8507	1.275	8552	1.275	8597	1.275
8373	1.275	8418	1.275	8463	1.275	8508	1.275	8553	1.275	8598	1.275
8374	1.275	8419	1.275	8464	1.275	8509	1.275	8554	1.275	8599	1.275
8375	1.275	8420	1.275	8465	1.275	8510	1.275	8555	1.275	8600	1.275
8376	1.275	8421	1.275	8466	1.275	8511	1.275	8556	1.275	8601	1.275
8377	1.275	8422	1.275	8467	1.275	8512	1.275	8557	1.275	8602	1.275
8378	1.275	8423	1.275	8468	1.275	8513	1.275	8558	1.275	8603	1.275
8379	1.275	8424	1.275	8469	1.275	8514	1.275	8559	1.275	8604	1.275
8380	1.275	8425	1.275	8470	1.275	8515	1.275	8560	1.275	8605	1.275
8381	1.275	8426	1.275	8471	1.275	8516	1.275	8561	1.275	8606	1.275
8382	1.275	8427	1.275	8472	1.275	8517	1.275	8562	1.275	8607	1.275
8383	1.275	8428	1.275	8473	1.275	8518	1.275	8563	1.275	8608	1.275
8384	1.275	8429	1.275	8474	1.275	8519	1.275	8564	1.275	8609	1.275
8385	1.275	8430	1.275	8475	1.275	8520	1.275	8565	1.275	8610	1.275
8386	1.275	8431	1.275	8476	1.275	8521	1.275	8566	1.275	8611	1.275
8387	1.275	8432	1.275	8477	1.275	8522	1.275	8567	1.275	8612	1.275
8388	1.275	8433	1.275	8478	1.275	8523	1.275	8568	1.275	8613	1.275
8389	1.275	8434	1.275	8479	1.275	8524	1.275	8569	1.275	8614	1.275
8390	1.275	8435	1.275	8480	1.275	8525	1.275	8570	1.275	8615	1.275
8391	1.275	8436	1.275	8481	1.275	8526	1.275	8571	1.275	8616	1.275
8392	1.275	8437	1.275	8482	1.275	8527	1.275	8572	1.275	8617	1.275
8393	1.275	8438	1.275	8483	1.275	8528	1.275	8573	1.275	8618	1.275
8394	1.275	8439	1.275	8484	1.275	8529	1.275	8574	1.275	8619	1.275
8395	1.275	8440	1.275	8485	1.275	8530	1.275	8575	1.275	8620	1.275
8396	1.275	8441	1.275	8486	1.275	8531	1.275	8576	1.275	8621	1.275
8397	1.275	8442	1.275	8487	1.275	8532	1.275	8577	1.275	8622	1.275
8398	1.275	8443	1.275	8488	1.275	8533	1.275	8578	1.275	8623	1.275
8399	1.275	8444	1.275	8489	1.275	8534	1.275	8579	1.275	8624	1.275
8400	1.275	8445	1.275	8490	1.275	8535	1.275	8580	1.275	8625	1.275
8401	1.275	8446	1.275	8491	1.275	8536	1.275	8581	1.275	8626	1.275
8402	1.275	8447	1.275	8492	1.275	8537	1.275	8582	1.275	8627	1.275
8403	1.275	8448	1.275	8493	1.275	8538	1.275	8583	1.275	8628	1.275
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Date 01/01/0001				Designed by JoWard							
File E970 - NETWORK 4 (V3 MAR...				Checked by							
Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
8674	1.275	8719	1.275	8764	1.275	8809	1.275	8854	1.275	8899	1.275
8675	1.275	8720	1.275	8765	1.275	8810	1.275	8855	1.275	8900	1.275
8676	1.275	8721	1.275	8766	1.275	8811	1.275	8856	1.275	8901	1.275
8677	1.275	8722	1.275	8767	1.275	8812	1.275	8857	1.275	8902	1.275
8678	1.275	8723	1.275	8768	1.275	8813	1.275	8858	1.275	8903	1.275
8679	1.275	8724	1.275	8769	1.275	8814	1.275	8859	1.275	8904	1.275
8680	1.275	8725	1.275	8770	1.275	8815	1.275	8860	1.275	8905	1.275
8681	1.275	8726	1.275	8771	1.275	8816	1.275	8861	1.275	8906	1.275
8682	1.275	8727	1.275	8772	1.275	8817	1.275	8862	1.275	8907	1.275
8683	1.275	8728	1.275	8773	1.275	8818	1.275	8863	1.275	8908	1.275
8684	1.275	8729	1.275	8774	1.275	8819	1.275	8864	1.275	8909	1.275
8685	1.275	8730	1.275	8775	1.275	8820	1.275	8865	1.275	8910	1.275
8686	1.275	8731	1.275	8776	1.275	8821	1.275	8866	1.275	8911	1.275
8687	1.275	8732	1.275	8777	1.275	8822	1.275	8867	1.275	8912	1.275
8688	1.275	8733	1.275	8778	1.275	8823	1.275	8868	1.275	8913	1.275
8689	1.275	8734	1.275	8779	1.275	8824	1.275	8869	1.275	8914	1.275
8690	1.275	8735	1.275	8780	1.275	8825	1.275	8870	1.275	8915	1.275
8691	1.275	8736	1.275	8781	1.275	8826	1.275	8871	1.275	8916	1.275
8692	1.275	8737	1.275	8782	1.275	8827	1.275	8872	1.275	8917	1.275
8693	1.275	8738	1.275	8783	1.275	8828	1.275	8873	1.275	8918	1.275
8694	1.275	8739	1.275	8784	1.275	8829	1.275	8874	1.275	8919	1.275
8695	1.275	8740	1.275	8785	1.275	8830	1.275	8875	1.275	8920	1.275
8696	1.275	8741	1.275	8786	1.275	8831	1.275	8876	1.275	8921	1.275
8697	1.275	8742	1.275	8787	1.275	8832	1.275	8877	1.275	8922	1.275
8698	1.275	8743	1.275	8788	1.275	8833	1.275	8878	1.275	8923	1.275
8699	1.275	8744	1.275	8789	1.275	8834	1.275	8879	1.275	8924	1.275
8700	1.275	8745	1.275	8790	1.275	8835	1.275	8880	1.275	8925	1.275
8701	1.275	8746	1.275	8791	1.275	8836	1.275	8881	1.275	8926	1.275
8702	1.275	8747	1.275	8792	1.275	8837	1.275	8882	1.275	8927	1.275
8703	1.275	8748	1.275	8793	1.275	8838	1.275	8883	1.275	8928	1.275
8704	1.275	8749	1.275	8794	1.275	8839	1.275	8884	1.275	8929	1.275
8705	1.275	8750	1.275	8795	1.275	8840	1.275	8885	1.275	8930	1.275
8706	1.275	8751	1.275	8796	1.275	8841	1.275	8886	1.275	8931	1.275
8707	1.275	8752	1.275	8797	1.275	8842	1.275	8887	1.275	8932	1.275
8708	1.275	8753	1.275	8798	1.275	8843	1.275	8888	1.275	8933	1.275
8709	1.275	8754	1.275	8799	1.275	8844	1.275	8889	1.275	8934	1.275
8710	1.275	8755	1.275	8800	1.275	8845	1.275	8890	1.275	8935	1.275
8711	1.275	8756	1.275	8801	1.275	8846	1.275	8891	1.275	8936	1.275
8712	1.275	8757	1.275	8802	1.275	8847	1.275	8892	1.275	8937	1.275
8713	1.275	8758	1.275	8803	1.275	8848	1.275	8893	1.275	8938	1.275
8714	1.275	8759	1.275	8804	1.275	8849	1.275	8894	1.275	8939	1.275
8715	1.275	8760	1.275	8805	1.275	8850	1.275	8895	1.275	8940	1.275
8716	1.275	8761	1.275	8806	1.275	8851	1.275	8896	1.275	8941	1.275
8717	1.275	8762	1.275	8807	1.275	8852	1.275	8897	1.275	8942	1.275
8718	1.275	8763	1.275	8808	1.275	8853	1.275	8898	1.275	8943	1.275
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Innovyze				Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
9304	1.275	9349	1.275	9394	1.275	9439	1.275	9484	1.275	9529	1.275
9305	1.275	9350	1.275	9395	1.275	9440	1.275	9485	1.275	9530	1.275
9306	1.275	9351	1.275	9396	1.275	9441	1.275	9486	1.275	9531	1.275
9307	1.275	9352	1.275	9397	1.275	9442	1.275	9487	1.275	9532	1.275
9308	1.275	9353	1.275	9398	1.275	9443	1.275	9488	1.275	9533	1.275
9309	1.275	9354	1.275	9399	1.275	9444	1.275	9489	1.275	9534	1.275
9310	1.275	9355	1.275	9400	1.275	9445	1.275	9490	1.275	9535	1.275
9311	1.275	9356	1.275	9401	1.275	9446	1.275	9491	1.275	9536	1.275
9312	1.275	9357	1.275	9402	1.275	9447	1.275	9492	1.275	9537	1.275
9313	1.275	9358	1.275	9403	1.275	9448	1.275	9493	1.275	9538	1.275
9314	1.275	9359	1.275	9404	1.275	9449	1.275	9494	1.275	9539	1.275
9315	1.275	9360	1.275	9405	1.275	9450	1.275	9495	1.275	9540	1.275
9316	1.275	9361	1.275	9406	1.275	9451	1.275	9496	1.275	9541	1.275
9317	1.275	9362	1.275	9407	1.275	9452	1.275	9497	1.275	9542	1.275
9318	1.275	9363	1.275	9408	1.275	9453	1.275	9498	1.275	9543	1.275
9319	1.275	9364	1.275	9409	1.275	9454	1.275	9499	1.275	9544	1.275
9320	1.275	9365	1.275	9410	1.275	9455	1.275	9500	1.275	9545	1.275
9321	1.275	9366	1.275	9411	1.275	9456	1.275	9501	1.275	9546	1.275
9322	1.275	9367	1.275	9412	1.275	9457	1.275	9502	1.275	9547	1.275
9323	1.275	9368	1.275	9413	1.275	9458	1.275	9503	1.275	9548	1.275
9324	1.275	9369	1.275	9414	1.275	9459	1.275	9504	1.275	9549	1.275
9325	1.275	9370	1.275	9415	1.275	9460	1.275	9505	1.275	9550	1.275
9326	1.275	9371	1.275	9416	1.275	9461	1.275	9506	1.275	9551	1.275
9327	1.275	9372	1.275	9417	1.275	9462	1.275	9507	1.275	9552	1.275
9328	1.275	9373	1.275	9418	1.275	9463	1.275	9508	1.275	9553	1.275
9329	1.275	9374	1.275	9419	1.275	9464	1.275	9509	1.275	9554	1.275
9330	1.275	9375	1.275	9420	1.275	9465	1.275	9510	1.275	9555	1.275
9331	1.275	9376	1.275	9421	1.275	9466	1.275	9511	1.275	9556	1.275
9332	1.275	9377	1.275	9422	1.275	9467	1.275	9512	1.275	9557	1.275
9333	1.275	9378	1.275	9423	1.275	9468	1.275	9513	1.275	9558	1.275
9334	1.275	9379	1.275	9424	1.275	9469	1.275	9514	1.275	9559	1.275
9335	1.275	9380	1.275	9425	1.275	9470	1.275	9515	1.275	9560	1.275
9336	1.275	9381	1.275	9426	1.275	9471	1.275	9516	1.275	9561	1.275
9337	1.275	9382	1.275	9427	1.275	9472	1.275	9517	1.275	9562	1.275
9338	1.275	9383	1.275	9428	1.275	9473	1.275	9518	1.275	9563	1.275
9339	1.275	9384	1.275	9429	1.275	9474	1.275	9519	1.275	9564	1.275
9340	1.275	9385	1.275	9430	1.275	9475	1.275	9520	1.275	9565	1.275
9341	1.275	9386	1.275	9431	1.275	9476	1.275	9521	1.275	9566	1.275
9342	1.275	9387	1.275	9432	1.275	9477	1.275	9522	1.275	9567	1.275
9343	1.275	9388	1.275	9433	1.275	9478	1.275	9523	1.275	9568	1.275
9344	1.275	9389	1.275	9434	1.275	9479	1.275	9524	1.275	9569	1.275
9345	1.275	9390	1.275	9435	1.275	9480	1.275	9525	1.275	9570	1.275
9346	1.275	9391	1.275	9436	1.275	9481	1.275	9526	1.275	9571	1.275
9347	1.275	9392	1.275	9437	1.275	9482	1.275	9527	1.275	9572	1.275
9348	1.275	9393	1.275	9438	1.275	9483	1.275	9528	1.275	9573	1.275
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Date 01/01/0001 File E970 - NETWORK 4 (V3 MAR...											
Innovyze				Designed by JoWard Checked by Network 2018.1.1							
Surcharged Outfall Details for NETWORK 4 STORM.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)
9619	1.275	9664	1.275	9709	1.275	9754	1.275	9799	1.275	9844	1.275
9620	1.275	9665	1.275	9710	1.275	9755	1.275	9800	1.275	9845	1.275
9621	1.275	9666	1.275	9711	1.275	9756	1.275	9801	1.275	9846	1.275
9622	1.275	9667	1.275	9712	1.275	9757	1.275	9802	1.275	9847	1.275
9623	1.275	9668	1.275	9713	1.275	9758	1.275	9803	1.275	9848	1.275
9624	1.275	9669	1.275	9714	1.275	9759	1.275	9804	1.275	9849	1.275
9625	1.275	9670	1.275	9715	1.275	9760	1.275	9805	1.275	9850	1.275
9626	1.275	9671	1.275	9716	1.275	9761	1.275	9806	1.275	9851	1.275
9627	1.275	9672	1.275	9717	1.275	9762	1.275	9807	1.275	9852	1.275
9628	1.275	9673	1.275	9718	1.275	9763	1.275	9808	1.275	9853	1.275
9629	1.275	9674	1.275	9719	1.275	9764	1.275	9809	1.275	9854	1.275
9630	1.275	9675	1.275	9720	1.275	9765	1.275	9810	1.275	9855	1.275
9631	1.275	9676	1.275	9721	1.275	9766	1.275	9811	1.275	9856	1.275
9632	1.275	9677	1.275	9722	1.275	9767	1.275	9812	1.275	9857	1.275
9633	1.275	9678	1.275	9723	1.275	9768	1.275	9813	1.275	9858	1.275
9634	1.275	9679	1.275	9724	1.275	9769	1.275	9814	1.275	9859	1.275
9635	1.275	9680	1.275	9725	1.275	9770	1.275	9815	1.275	9860	1.275
9636	1.275	9681	1.275	9726	1.275	9771	1.275	9816	1.275	9861	1.275
9637	1.275	9682	1.275	9727	1.275	9772	1.275	9817	1.275	9862	1.275
9638	1.275	9683	1.275	9728	1.275	9773	1.275	9818	1.275	9863	1.275
9639	1.275	9684	1.275	9729	1.275	9774	1.275	9819	1.275	9864	1.275
9640	1.275	9685	1.275	9730	1.275	9775	1.275	9820	1.275	9865	1.275
9641	1.275	9686	1.275	9731	1.275	9776	1.275	9821	1.275	9866	1.275
9642	1.275	9687	1.275	9732	1.275	9777	1.275	9822	1.275	9867	1.275
9643	1.275	9688	1.275	9733	1.275	9778	1.275	9823	1.275	9868	1.275
9644	1.275	9689	1.275	9734	1.275	9779	1.275	9824	1.275	9869	1.275
9645	1.275	9690	1.275	9735	1.275	9780	1.275	9825	1.275	9870	1.275
9646	1.275	9691	1.275	9736	1.275	9781	1.275	9826	1.275	9871	1.275
9647	1.275	9692	1.275	9737	1.275	9782	1.275	9827	1.275	9872	1.275
9648	1.275	9693	1.275	9738	1.275	9783	1.275	9828	1.275	9873	1.275
9649	1.275	9694	1.275	9739	1.275	9784	1.275	9829	1.275	9874	1.275
9650	1.275	9695	1.275	9740	1.275	9785	1.275	9830	1.275	9875	1.275
9651	1.275	9696	1.275	9741	1.275	9786	1.275	9831	1.275	9876	1.275
9652	1.275	9697	1.275	9742	1.275	9787	1.275	9832	1.275	9877	1.275
9653	1.275	9698	1.275	9743	1.275	9788	1.275	9833	1.275	9878	1.275
9654	1.275	9699	1.275	9744	1.275	9789	1.275	9834	1.275	9879	1.275
9655	1.275	9700	1.275	9745	1.275	9790	1.275	9835	1.275	9880	1.275
9656	1.275	9701	1.275	9746	1.275	9791	1.275	9836	1.275	9881	1.275
9657	1.275	9702	1.275	9747	1.275	9792	1.275	9837	1.275	9882	1.275
9658	1.275	9703	1.275	9748	1.275	9793	1.275	9838	1.275	9883	1.275
9659	1.275	9704	1.275	9749	1.275	9794	1.275	9839	1.275	9884	1.275
9660	1.275	9705	1.275	9750	1.275	9795	1.275	9840	1.275	9885	1.275
9661	1.275	9706	1.275	9751	1.275	9796	1.275	9841	1.275	9886	1.275
9662	1.275	9707	1.275	9752	1.275	9797	1.275	9842	1.275	9887	1.275
9663	1.275	9708	1.275	9753	1.275	9798	1.275	9843	1.275	9888	1.275
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<u>Surcharged Outfall Details for NETWORK 4 STORM.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)
9934	1.275	9979	1.275	10024	1.275	10069	1.275	10114	1.275	10159	1.275
9935	1.275	9980	1.275	10025	1.275	10070	1.275	10115	1.275	10160	1.275
9936	1.275	9981	1.275	10026	1.275	10071	1.275	10116	1.275	10161	1.275
9937	1.275	9982	1.275	10027	1.275	10072	1.275	10117	1.275	10162	1.275
9938	1.275	9983	1.275	10028	1.275	10073	1.275	10118	1.275	10163	1.275
9939	1.275	9984	1.275	10029	1.275	10074	1.275	10119	1.275	10164	1.275
9940	1.275	9985	1.275	10030	1.275	10075	1.275	10120	1.275	10165	1.275
9941	1.275	9986	1.275	10031	1.275	10076	1.275	10121	1.275	10166	1.275
9942	1.275	9987	1.275	10032	1.275	10077	1.275	10122	1.275	10167	1.275
9943	1.275	9988	1.275	10033	1.275	10078	1.275	10123	1.275	10168	1.275
9944	1.275	9989	1.275	10034	1.275	10079	1.275	10124	1.275	10169	1.275
9945	1.275	9990	1.275	10035	1.275	10080	1.275	10125	1.275	10170	1.275
9946	1.275	9991	1.275	10036	1.275	10081	1.275	10126	1.275	10171	1.275
9947	1.275	9992	1.275	10037	1.275	10082	1.275	10127	1.275	10172	1.275
9948	1.275	9993	1.275	10038	1.275	10083	1.275	10128	1.275	10173	1.275
9949	1.275	9994	1.275	10039	1.275	10084	1.275	10129	1.275	10174	1.275
9950	1.275	9995	1.275	10040	1.275	10085	1.275	10130	1.275	10175	1.275
9951	1.275	9996	1.275	10041	1.275	10086	1.275	10131	1.275	10176	1.275
9952	1.275	9997	1.275	10042	1.275	10087	1.275	10132	1.275	10177	1.275
9953	1.275	9998	1.275	10043	1.275	10088	1.275	10133	1.275	10178	1.275
9954	1.275	9999	1.275	10044	1.275	10089	1.275	10134	1.275	10179	1.275
9955	1.275	10000	1.275	10045	1.275	10090	1.275	10135	1.275	10180	1.275
9956	1.275	10001	1.275	10046	1.275	10091	1.275	10136	1.275	10181	1.275
9957	1.275	10002	1.275	10047	1.275	10092	1.275	10137	1.275	10182	1.275
9958	1.275	10003	1.275	10048	1.275	10093	1.275	10138	1.275	10183	1.275
9959	1.275	10004	1.275	10049	1.275	10094	1.275	10139	1.275	10184	1.275
9960	1.275	10005	1.275	10050	1.275	10095	1.275	10140	1.275	10185	1.275
9961	1.275	10006	1.275	10051	1.275	10096	1.275	10141	1.275	10186	1.275
9962	1.275	10007	1.275	10052	1.275	10097	1.275	10142	1.275	10187	1.275

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Surcharged Outfall Details for NETWORK 4 STORM.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)
10249	1.275	10294	1.275	10339	1.275	10384	1.275	10429	1.275	10474	1.275
10250	1.275	10295	1.275	10340	1.275	10385	1.275	10430	1.275	10475	1.275
10251	1.275	10296	1.275	10341	1.275	10386	1.275	10431	1.275	10476	1.275
10252	1.275	10297	1.275	10342	1.275	10387	1.275	10432	1.275	10477	1.275
10253	1.275	10298	1.275	10343	1.275	10388	1.275	10433	1.275	10478	1.275
10254	1.275	10299	1.275	10344	1.275	10389	1.275	10434	1.275	10479	1.275
10255	1.275	10300	1.275	10345	1.275	10390	1.275	10435	1.275	10480	1.275
10256	1.275	10301	1.275	10346	1.275	10391	1.275	10436	1.275	10481	1.275
10257	1.275	10302	1.275	10347	1.275	10392	1.275	10437	1.275	10482	1.275
10258	1.275	10303	1.275	10348	1.275	10393	1.275	10438	1.275	10483	1.275
10259	1.275	10304	1.275	10349	1.275	10394	1.275	10439	1.275	10484	1.275
10260	1.275	10305	1.275	10350	1.275	10395	1.275	10440	1.275	10485	1.275
10261	1.275	10306	1.275	10351	1.275	10396	1.275	10441	1.275	10486	1.275
10262	1.275	10307	1.275	10352	1.275	10397	1.275	10442	1.275	10487	1.275
10263	1.275	10308	1.275	10353	1.275	10398	1.275	10443	1.275	10488	1.275
10264	1.275	10309	1.275	10354	1.275	10399	1.275	10444	1.275	10489	1.275
10265	1.275	10310	1.275	10355	1.275	10400	1.275	10445	1.275	10490	1.275
10266	1.275	10311	1.275	10356	1.275	10401	1.275	10446	1.275	10491	1.275
10267	1.275	10312	1.275	10357	1.275	10402	1.275	10447	1.275	10492	1.275
10268	1.275	10313	1.275	10358	1.275	10403	1.275	10448	1.275	10493	1.275
10269	1.275	10314	1.275	10359	1.275	10404	1.275	10449	1.275	10494	1.275
10270	1.275	10315	1.275	10360	1.275	10405	1.275	10450	1.275	10495	1.275
10271	1.275	10316	1.275	10361	1.275	10406	1.275	10451	1.275	10496	1.275
10272	1.275	10317	1.275	10362	1.275	10407	1.275	10452	1.275	10497	1.275
10273	1.275	10318	1.275	10363	1.275	10408	1.275	10453	1.275	10498	1.275
10274	1.275	10319	1.275	10364	1.275	10409	1.275	10454	1.275	10499	1.275
10275	1.275	10320	1.275	10365	1.275	10410	1.275	10455	1.275	10500	1.275
10276	1.275	10321	1.275	10366	1.275	10411	1.275	10456	1.275	10501	1.275
10277	1.275	10322	1.275	10367	1.275	10412	1.275	10457	1.275	10502	1.275
10278	1.275	10323	1.275	10368	1.275	10413	1.275	10458	1.275	10503	1.275
10279	1.275	10324	1.275	10369	1.275	10414	1.275	10459	1.275	10504	1.275
10280	1.275	10325	1.275	10370	1.275	10415	1.275	10460	1.275	10505	1.275
10281	1.275	10326	1.275	10371	1.275	10416	1.275	10461	1.275	10506	1.275
10282	1.275	10327	1.275	10372	1.275	10417	1.275	10462	1.275	10507	1.275
10283	1.275	10328	1.275	10373	1.275	10418	1.275	10463	1.275	10508	1.275
10284	1.275	10329	1.275	10374	1.275	10419	1.275	10464	1.275	10509	1.275
10285	1.275	10330	1.275	10375	1.275	10420	1.275	10465	1.275	10510	1.275
10286	1.275	10331	1.275	10376	1.275	10421	1.275	10466	1.275	10511	1.275
10287	1.275	10332	1.275	10377	1.275	10422	1.275	10467	1.275	10512	1.275
10288	1.275	10333	1.275	10378	1.275	10423	1.275	10468	1.275	10513	1.275
10289	1.275	10334	1.275	10379	1.275	10424	1.275	10469	1.275	10514	1.275
10290	1.275	10335	1.275	10380	1.275	10425	1.275	10470	1.275	10515	1.275
10291	1.275	10336	1.275	10381	1.275	10426	1.275	10471	1.275	10516	1.275
10292	1.275	10337	1.275	10382	1.275	10427	1.275	10472	1.275	10517	1.275
10293	1.275	10338	1.275	10383	1.275	10428	1.275	10473	1.275	10518	1.275
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Surcharged Outfall Details for NETWORK 4 STORM.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)
10564	1.275	10598	1.275	10632	1.275	10666	1.275	10700	1.275	10734	1.275
10565	1.275	10599	1.275	10633	1.275	10667	1.275	10701	1.275	10735	1.275
10566	1.275	10600	1.275	10634	1.275	10668	1.275	10702	1.275	10736	1.275
10567	1.275	10601	1.275	10635	1.275	10669	1.275	10703	1.275	10737	1.275
10568	1.275	10602	1.275	10636	1.275	10670	1.275	10704	1.275	10738	1.275
10569	1.275	10603	1.275	10637	1.275	10671	1.275	10705	1.275	10739	1.275
10570	1.275	10604	1.275	10638	1.275	10672	1.275	10706	1.275	10740	1.275
10571	1.275	10605	1.275	10639	1.275	10673	1.275	10707	1.275	10741	1.275
10572	1.275	10606	1.275	10640	1.275	10674	1.275	10708	1.275	10742	1.275
10573	1.275	10607	1.275	10641	1.275	10675	1.275	10709	1.275	10743	1.275
10574	1.275	10608	1.275	10642	1.275	10676	1.275	10710	1.275	10744	1.275
10575	1.275	10609	1.275	10643	1.275	10677	1.275	10711	1.275	10745	1.275
10576	1.275	10610	1.275	10644	1.275	10678	1.275	10712	1.275	10746	1.275
10577	1.275	10611	1.275	10645	1.275	10679	1.275	10713	1.275	10747	1.275
10578	1.275	10612	1.275	10646	1.275	10680	1.275	10714	1.275	10748	1.275
10579	1.275	10613	1.275	10647	1.275	10681	1.275	10715	1.275	10749	1.275
10580	1.275	10614	1.275	10648	1.275	10682	1.275	10716	1.275	10750	1.275
10581	1.275	10615	1.275	10649	1.275	10683	1.275	10717	1.275	10751	1.275
10582	1.275	10616	1.275	10650	1.275	10684	1.275	10718	1.275	10752	1.275
10583	1.275	10617	1.275	10651	1.275	10685	1.275	10719	1.275	10753	1.275
10584	1.275	10618	1.275	10652	1.275	10686	1.275	10720	1.275	10754	1.275
10585	1.275	10619	1.275	10653	1.275	10687	1.275	10721	1.275	10755	1.275
10586	1.275	10620	1.275	10654	1.275	10688	1.275	10722	1.275	10756	1.275
10587	1.275	10621	1.275	10655	1.275	10689	1.275	10723	1.275	10757	1.275
10588	1.275	10622	1.275	10656	1.275	10690	1.275	10724	1.275	10758	1.275
10589	1.275	10623	1.275	10657	1.275	10691	1.275	10725	1.275	10759	1.275
10590	1.275	10624	1.275	10658	1.275	10692	1.275	10726	1.275	10760	1.275
10591	1.275	10625	1.275	10659	1.275	10693	1.275	10727	1.275	10761	1.275
10592	1.275	10626	1.275	10660	1.275	10694	1.275	10728	1.275	10762	1.275
10593	1.275	10627	1.275	10661	1.275	10695	1.275	10729	1.275	10763	1.275
10594	1.275	10628	1.275	10662	1.275	10696	1.275	10730	1.275	10764	1.275
10595	1.275	10629	1.275	10663	1.275	10697	1.275	10731	1.275	10765	1.275
10596	1.275	10630	1.275	10664	1.275	10698	1.275	10732	1.275	10766	1.275
10597	1.275	10631	1.275	10665	1.275	10699	1.275	10733	1.275	10767	1.275
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<u>Simulation Criteria for NETWORK 4 STORM.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>19.900</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)	19.900	Storm Duration (mins)	30	Ratio R	0.400		
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																																											
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Foul Sewage per hectare (l/s)	0.000	Output Interval (mins)	1																																											
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Online Controls for NETWORK 4 STORM.SWS

Hydro-Brake® Optimum Manhole: 415, DS/PN: 1.018, Volume (m³): 58.7

Unit Reference	MD-SHE-0227-2900-1450-2900
Design Head (m)	1.450
Design Flow (l/s)	29.0
Flush-Flo™	Calculated
Objective	Minimise upstream storage
Application	Surface
Sump Available	Yes
Diameter (mm)	227
Invert Level (m)	107.950
Minimum Outlet Pipe Diameter (mm)	300
Suggested Manhole Diameter (mm)	1800

Control Points	Head (m)	Flow (l/s)	Control Points	Head (m)	Flow (l/s)
Design Point (Calculated)	1.450	29.0	Kick-Flo®	0.987	24.1
Flush-Flo™	0.448	29.0	Mean Flow over Head Range	-	24.8

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

Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)	Depth (m)	Flow (l/s)
0.100	7.6	1.200	26.5	3.000	41.1	7.000	62.0
0.200	22.7	1.400	28.5	3.500	44.3	7.500	64.1
0.300	28.2	1.600	30.4	4.000	47.2	8.000	66.1
0.400	28.9	1.800	32.2	4.500	50.0	8.500	68.1
0.500	28.9	2.000	33.8	5.000	52.6	9.000	70.0
0.600	28.6	2.200	35.4	5.500	55.1	9.500	71.9
0.800	27.4	2.400	36.9	6.000	57.5		
1.000	24.3	2.600	38.4	6.500	59.8		

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<u>Storage Structures for NETWORK 4 STORM.SWS</u> <u>Tank or Pond Manhole: 415, DS/PN: 1.018</u> Invert Level (m) 108.000 <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>2528.0</td><td>1.400</td><td>3371.0</td></tr></tbody></table>			Depth (m)	Area (m²)	Depth (m)	Area (m²)	0.000	2528.0	1.400	3371.0
Depth (m)	Area (m²)	Depth (m)	Area (m²)							
0.000	2528.0	1.400	3371.0							
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Summary of Critical Results by Maximum Level (Rank 1) for NETWORK 4 STORM.SWS

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

										Water
	US/MH			Return	Climate	First (X)	First (Y)	First (Z)	Overflow	Level
PN	Name	Storm	Period	Change		Surcharge	Flood	Overflow	Act.	(m)
1.000	400	15 Winter	30	+0%						122.597
1.001	2	15 Winter	30	+0%	30/15 Summer					122.511
1.002	401	15 Winter	30	+0%						122.222
1.003	452	15 Winter	30	+0%						121.864
2.000	418	15 Winter	30	+0%						122.431
2.001	419	15 Winter	30	+0%						122.166
1.004	402	15 Winter	30	+0%						121.586
1.005	450	15 Winter	30	+0%	30/15 Summer					121.142
1.006	403	15 Winter	30	+0%	30/15 Summer					120.104
1.007	404	15 Winter	30	+0%						119.512
1.008	405	15 Winter	30	+0%						118.607
1.009	406	15 Winter	30	+0%						116.330
1.010	407	15 Winter	30	+0%						115.022
3.000	421	15 Winter	30	+0%						113.955
1.011	408	15 Winter	30	+0%						113.823

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Date 01/01/0001	Designed by JoWard	
File E970 - NETWORK 4 (V3 MAR...	Checked by	
Innovyze	Network 2018.1.1	

Summary of Critical Results by Maximum Level (Rank 1) for NETWORK 4 STORM.SWS

PN	US/MH Name	Surcharged		Flooded		Pipe Flow (l/s)	Status	Level Exceeded
		Depth (m)	Volume (m³)	Flow / Cap.	Overflow (l/s)			
1.000	400	-0.022	0.000	0.79	51.7	OK		
1.001	2	0.022	0.000	1.12	126.9	SURCHARGED		
1.002	401	-0.153	0.000	0.73	170.8	OK		
1.003	452	-0.106	0.000	0.92	265.0	OK		
2.000	418	-0.069	0.000	0.94	90.9	OK		
2.001	419	-0.184	0.000	0.50	105.3	OK		
1.004	402	-0.039	0.000	0.70	388.7	OK		
1.005	450	0.495	0.000	1.31	498.5	SURCHARGED		
1.006	403	0.054	0.000	1.10	514.5	SURCHARGED		
1.007	404	-0.163	0.000	0.80	576.7	OK		
1.008	405	-0.193	0.000	0.72	604.3	OK		
1.009	406	-0.170	0.000	0.79	661.6	OK		
1.010	407	-0.253	0.000	0.63	690.4	OK		
3.000	421	-0.174	0.000	0.36	28.1	OK		
1.011	408	-0.252	0.000	0.63	751.0	OK		

Stephen Daykin Consulting Ltd								Page 48																																																																																																																																																																																																																																																																																																																																																																		
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<table><tr><th colspan="2">US/MH</th><th rowspan="2">Storm</th><th rowspan="2">Return Period</th><th rowspan="2">Climate Change</th><th rowspan="2">First (X) Surcharge</th><th rowspan="2">First (Y) Flood</th><th rowspan="2">First (Z) Overflow</th><th rowspan="2">Overflow Act.</th><th>Water Level</th></tr><tr><th>PN</th><th>Name</th><th>(m)</th></tr><tr><td>4.000</td><td>453</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>112.549</td></tr><tr><td>1.012</td><td>409</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>112.528</td></tr><tr><td>1.013</td><td>410</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>111.711</td></tr><tr><td>1.014</td><td>411</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>109.889</td></tr><tr><td>1.015</td><td>412</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>109.612</td></tr><tr><td>1.016</td><td>413</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>109.316</td></tr><tr><td>1.017</td><td>414</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>109.011</td></tr><tr><td>5.000</td><td>423</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>119.033</td></tr><tr><td>5.001</td><td>424</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>118.386</td></tr><tr><td>6.000</td><td>442</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>118.635</td></tr><tr><td>6.001</td><td>443</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>118.301</td></tr><tr><td>5.002</td><td>425</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>118.218</td></tr><tr><td>5.003</td><td>455</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>116.277</td></tr><tr><td>5.004</td><td>426</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>114.856</td></tr><tr><td>5.005</td><td>427</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>114.445</td></tr><tr><td>5.006</td><td>428</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Winter</td><td></td><td></td><td></td><td>114.242</td></tr><tr><td>5.007</td><td>429</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>113.975</td></tr><tr><td>5.008</td><td>430</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>113.693</td></tr><tr><td>7.000</td><td>480</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>117.038</td></tr><tr><td>7.001</td><td>481</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>113.857</td></tr><tr><td>5.009</td><td>431</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Summer</td><td></td><td></td><td></td><td>113.540</td></tr><tr><td>5.010</td><td>432</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>113.087</td></tr><tr><td>5.011</td><td>433</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>112.492</td></tr><tr><td>5.012</td><td>435</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>111.956</td></tr><tr><td>5.013</td><td>436</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>111.339</td></tr><tr><td>5.014</td><td>437</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>110.807</td></tr><tr><td>5.015</td><td>439</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>109.553</td></tr><tr><td>5.016</td><td>440</td><td>2160 Winter</td><td>30</td><td>+0%</td><td>30/360 Winter</td><td></td><td></td><td></td><td>108.868</td></tr><tr><td>8.000</td><td>445</td><td>15 Winter</td><td>30</td><td>+0%</td><td>30/15 Winter</td><td></td><td></td><td></td><td>111.530</td></tr><tr><td>8.001</td><td>446</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>110.906</td></tr><tr><td>8.002</td><td>447</td><td>15 Winter</td><td>30</td><td>+0%</td><td></td><td></td><td></td><td></td><td>109.196</td></tr><tr><td>8.003</td><td>448</td><td>2160 Winter</td><td>30</td><td>+0%</td><td>2/1440 Winter</td><td></td><td></td><td></td><td>108.868</td></tr><tr><td>1.018</td><td>415</td><td>2160 Winter</td><td>30</td><td>+0%</td><td>1/180 Winter</td><td></td><td></td><td></td><td>108.868</td></tr><tr><td>1.019</td><td>49</td><td>2160 Winter</td><td>30</td><td>+0%</td><td>1/15 Summer</td><td></td><td></td><td></td><td>108.754</td></tr></table>										US/MH		Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level	PN	Name	(m)	4.000	453	15 Winter	30	+0%	30/15 Summer				112.549	1.012	409	15 Winter	30	+0%	30/15 Summer				112.528	1.013	410	15 Winter	30	+0%					111.711	1.014	411	15 Winter	30	+0%					109.889	1.015	412	15 Winter	30	+0%	30/15 Summer				109.612	1.016	413	15 Winter	30	+0%	30/15 Summer				109.316	1.017	414	15 Winter	30	+0%	30/15 Summer				109.011	5.000	423	15 Winter	30	+0%					119.033	5.001	424	15 Winter	30	+0%					118.386	6.000	442	15 Winter	30	+0%					118.635	6.001	443	15 Winter	30	+0%					118.301	5.002	425	15 Winter	30	+0%					118.218	5.003	455	15 Winter	30	+0%					116.277	5.004	426	15 Winter	30	+0%					114.856	5.005	427	15 Winter	30	+0%	30/15 Summer				114.445	5.006	428	15 Winter	30	+0%	30/15 Winter				114.242	5.007	429	15 Winter	30	+0%	30/15 Summer				113.975	5.008	430	15 Winter	30	+0%	30/15 Summer				113.693	7.000	480	15 Winter	30	+0%					117.038	7.001	481	15 Winter	30	+0%					113.857	5.009	431	15 Winter	30	+0%	30/15 Summer				113.540	5.010	432	15 Winter	30	+0%					113.087	5.011	433	15 Winter	30	+0%					112.492	5.012	435	15 Winter	30	+0%					111.956	5.013	436	15 Winter	30	+0%					111.339	5.014	437	15 Winter	30	+0%					110.807	5.015	439	15 Winter	30	+0%					109.553	5.016	440	2160 Winter	30	+0%	30/360 Winter				108.868	8.000	445	15 Winter	30	+0%	30/15 Winter				111.530	8.001	446	15 Winter	30	+0%					110.906	8.002	447	15 Winter	30	+0%					109.196	8.003	448	2160 Winter	30	+0%	2/1440 Winter				108.868	1.018	415	2160 Winter	30	+0%	1/180 Winter				108.868	1.019	49	2160 Winter	30	+0%	1/15 Summer				108.754
US/MH		Storm	Return Period	Climate Change	First (X) Surcharge	First (Y) Flood	First (Z) Overflow	Overflow Act.	Water Level																																																																																																																																																																																																																																																																																																																																																																	
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1.012	409	15 Winter	30	+0%	30/15 Summer				112.528																																																																																																																																																																																																																																																																																																																																																																	
1.013	410	15 Winter	30	+0%					111.711																																																																																																																																																																																																																																																																																																																																																																	
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1.015	412	15 Winter	30	+0%	30/15 Summer				109.612																																																																																																																																																																																																																																																																																																																																																																	
1.016	413	15 Winter	30	+0%	30/15 Summer				109.316																																																																																																																																																																																																																																																																																																																																																																	
1.017	414	15 Winter	30	+0%	30/15 Summer				109.011																																																																																																																																																																																																																																																																																																																																																																	
5.000	423	15 Winter	30	+0%					119.033																																																																																																																																																																																																																																																																																																																																																																	
5.001	424	15 Winter	30	+0%					118.386																																																																																																																																																																																																																																																																																																																																																																	
6.000	442	15 Winter	30	+0%					118.635																																																																																																																																																																																																																																																																																																																																																																	
6.001	443	15 Winter	30	+0%					118.301																																																																																																																																																																																																																																																																																																																																																																	
5.002	425	15 Winter	30	+0%					118.218																																																																																																																																																																																																																																																																																																																																																																	
5.003	455	15 Winter	30	+0%					116.277																																																																																																																																																																																																																																																																																																																																																																	
5.004	426	15 Winter	30	+0%					114.856																																																																																																																																																																																																																																																																																																																																																																	
5.005	427	15 Winter	30	+0%	30/15 Summer				114.445																																																																																																																																																																																																																																																																																																																																																																	
5.006	428	15 Winter	30	+0%	30/15 Winter				114.242																																																																																																																																																																																																																																																																																																																																																																	
5.007	429	15 Winter	30	+0%	30/15 Summer				113.975																																																																																																																																																																																																																																																																																																																																																																	
5.008	430	15 Winter	30	+0%	30/15 Summer				113.693																																																																																																																																																																																																																																																																																																																																																																	
7.000	480	15 Winter	30	+0%					117.038																																																																																																																																																																																																																																																																																																																																																																	
7.001	481	15 Winter	30	+0%					113.857																																																																																																																																																																																																																																																																																																																																																																	
5.009	431	15 Winter	30	+0%	30/15 Summer				113.540																																																																																																																																																																																																																																																																																																																																																																	
5.010	432	15 Winter	30	+0%					113.087																																																																																																																																																																																																																																																																																																																																																																	
5.011	433	15 Winter	30	+0%					112.492																																																																																																																																																																																																																																																																																																																																																																	
5.012	435	15 Winter	30	+0%					111.956																																																																																																																																																																																																																																																																																																																																																																	
5.013	436	15 Winter	30	+0%					111.339																																																																																																																																																																																																																																																																																																																																																																	
5.014	437	15 Winter	30	+0%					110.807																																																																																																																																																																																																																																																																																																																																																																	
5.015	439	15 Winter	30	+0%					109.553																																																																																																																																																																																																																																																																																																																																																																	
5.016	440	2160 Winter	30	+0%	30/360 Winter				108.868																																																																																																																																																																																																																																																																																																																																																																	
8.000	445	15 Winter	30	+0%	30/15 Winter				111.530																																																																																																																																																																																																																																																																																																																																																																	
8.001	446	15 Winter	30	+0%					110.906																																																																																																																																																																																																																																																																																																																																																																	
8.002	447	15 Winter	30	+0%					109.196																																																																																																																																																																																																																																																																																																																																																																	
8.003	448	2160 Winter	30	+0%	2/1440 Winter				108.868																																																																																																																																																																																																																																																																																																																																																																	
1.018	415	2160 Winter	30	+0%	1/180 Winter				108.868																																																																																																																																																																																																																																																																																																																																																																	
1.019	49	2160 Winter	30	+0%	1/15 Summer				108.754																																																																																																																																																																																																																																																																																																																																																																	
<table><tr><th colspan="4">Surcharged Flooded</th><th colspan="2">Pipe</th><th colspan="2"></th></tr><tr><th>US/MH</th><th>Depth</th><th>Volume</th><th>Flow / Overflow</th><th>Pipe Flow</th><th>Level</th><th colspan="2"></th></tr><tr><th>PN</th><th>Name</th><th>(m)</th><th>(m³)</th><th>Cap.</th><th>(l/s)</th><th>(l/s)</th><th>Status</th><th>Exceeded</th></tr><tr><td>4.000</td><td>453</td><td>0.276</td><td>0.000</td><td>0.31</td><td></td><td>47.1</td><td>SURCHARGED</td><td></td></tr><tr><td>1.012</td><td>409</td><td>0.403</td><td>0.000</td><td>1.68</td><td></td><td>800.5</td><td>SURCHARGED</td><td></td></tr><tr><td>1.013</td><td>410</td><td>-0.189</td><td>0.000</td><td>0.80</td><td></td><td>817.4</td><td>OK</td><td></td></tr><tr><td>1.014</td><td>411</td><td>-0.311</td><td>0.000</td><td>0.56</td><td></td><td>839.2</td><td>OK</td><td></td></tr></table>										Surcharged Flooded				Pipe				US/MH	Depth	Volume	Flow / Overflow	Pipe Flow	Level			PN	Name	(m)	(m³)	Cap.	(l/s)	(l/s)	Status	Exceeded	4.000	453	0.276	0.000	0.31		47.1	SURCHARGED		1.012	409	0.403	0.000	1.68		800.5	SURCHARGED		1.013	410	-0.189	0.000	0.80		817.4	OK		1.014	411	-0.311	0.000	0.56		839.2	OK																																																																																																																																																																																																																																																																																																					
Surcharged Flooded				Pipe																																																																																																																																																																																																																																																																																																																																																																						
US/MH	Depth	Volume	Flow / Overflow	Pipe Flow	Level																																																																																																																																																																																																																																																																																																																																																																					
PN	Name	(m)	(m³)	Cap.	(l/s)	(l/s)	Status	Exceeded																																																																																																																																																																																																																																																																																																																																																																		
4.000	453	0.276	0.000	0.31		47.1	SURCHARGED																																																																																																																																																																																																																																																																																																																																																																			
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1.013	410	-0.189	0.000	0.80		817.4	OK																																																																																																																																																																																																																																																																																																																																																																			
1.014	411	-0.311	0.000	0.56		839.2	OK																																																																																																																																																																																																																																																																																																																																																																			
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