

Peter Brett Associates LLP		Page 1
Caversham Bridge House	Green Park Village	
Waterman Place	East	
Reading RG1 8DN	Surface Water Network	
Date 01 July 2010	Designed By VH	
File EAST.SUM	Checked By	
Micro Drainage	Simulation W.11.4 net	

Global Variables

Region	FSR - England & Wales
Return Period (yrs)	100
M5-60 (mm)	18.800
Ratio R	0.400
Volumetric Runoff Coef	0.750
Profile Type	Summer
PIMP (%)	100
Areal Reduction Factor	1.000
Storm Duration (mins)	15
Hot Start (mins)	0
Hot Start Level (mm)	0
Manhole Headloss Coefficient	0.500
MADD Factor * 10m ³ /ha Storage	2.000
Foul Sewage/Hectare (l/s)	0.00
Additional Flow - % of Total Flow	0
Inlet Coefficient	0.800
Number of Input Hydrographs	0
Number of Time/Area Diagrams	0
Number of Bifurcations	0
Number of Overflows	0
Number of Off-Line Controls	3
Number of On-Line Controls	4

Starting Storm file name

J:\11321\2002\Windes\Networks june 2010\compatibility\East.ews

Surcharged Outfalls

Outfall			Outfall			C.Level			I.Level			D,L			B		
Pipe Number			MH/No			(m)			(m)			(mm)			(mm)		
90.010			O/F 1			40.200			38.200			1200			0		
Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
-120	38.709	0.059	-84	38.709	0.059	-48	38.709	0.059	-12	38.709	0.059	-12	38.709	0.059	-12	38.709	0.059
-119	38.709	0.059	-83	38.709	0.059	-47	38.709	0.059	-11	38.709	0.059	-11	38.709	0.059	-11	38.709	0.059
-118	38.709	0.059	-82	38.709	0.059	-46	38.709	0.059	-10	38.709	0.059	-10	38.709	0.059	-10	38.709	0.059
-117	38.709	0.059	-81	38.709	0.059	-45	38.709	0.059	-9	38.709	0.059	-9	38.709	0.059	-9	38.709	0.059
-116	38.709	0.059	-80	38.709	0.059	-44	38.709	0.059	-8	38.709	0.059	-8	38.709	0.059	-8	38.709	0.059
-115	38.709	0.059	-79	38.709	0.059	-43	38.709	0.059	-7	38.709	0.059	-7	38.709	0.059	-7	38.709	0.059
-114	38.709	0.059	-78	38.709	0.059	-42	38.709	0.059	-6	38.709	0.059	-6	38.709	0.059	-6	38.709	0.059
-113	38.709	0.059	-77	38.709	0.059	-41	38.709	0.059	-5	38.709	0.059	-5	38.709	0.059	-5	38.709	0.059
-112	38.709	0.059	-76	38.709	0.059	-40	38.709	0.059	-4	38.709	0.059	-4	38.709	0.059	-4	38.709	0.059
-111	38.709	0.059	-75	38.709	0.059	-39	38.709	0.059	-3	38.709	0.059	-3	38.709	0.059	-3	38.709	0.059
-110	38.709	0.059	-74	38.709	0.059	-38	38.709	0.059	-2	38.709	0.059	-2	38.709	0.059	-2	38.709	0.059
-109	38.709	0.059	-73	38.709	0.059	-37	38.709	0.059	-1	38.709	0.059	-1	38.709	0.059	-1	38.709	0.059
-108	38.709	0.059	-72	38.709	0.059	-36	38.709	0.059	0	38.709	0.059	0	38.709	0.059	0	38.709	0.059
-107	38.709	0.059	-71	38.709	0.059	-35	38.709	0.059	1	38.709	0.059	1	38.709	0.059	1	38.709	0.059
-106	38.709	0.059	-70	38.709	0.059	-34	38.709	0.059	2	38.709	0.059	2	38.709	0.059	2	38.709	0.059
-105	38.709	0.059	-69	38.709	0.059	-33	38.709	0.059	3	38.709	0.059	3	38.709	0.059	3	38.709	0.059
-104	38.709	0.059	-68	38.709	0.059	-32	38.709	0.059	4	38.709	0.059	4	38.709	0.059	4	38.709	0.059
-103	38.709	0.059	-67	38.709	0.059	-31	38.709	0.059	5	38.709	0.059	5	38.709	0.059	5	38.709	0.059
-102	38.709	0.059	-66	38.709	0.059	-30	38.709	0.059	6	38.709	0.059	6	38.709	0.059	6	38.709	0.059
-101	38.709	0.059	-65	38.709	0.059	-29	38.709	0.059	7	38.709	0.059	7	38.709	0.059	7	38.709	0.059
-100	38.709	0.059	-64	38.709	0.059	-28	38.709	0.059	8	38.709	0.059	8	38.709	0.059	8	38.709	0.059
-99	38.709	0.059	-63	38.709	0.059	-27	38.709	0.059	9	38.709	0.059	9	38.709	0.059	9	38.709	0.059
-98	38.709	0.059	-62	38.709	0.059	-26	38.709	0.059	10	38.709	0.059	10	38.709	0.059	10	38.709	0.059
-97	38.709	0.059	-61	38.709	0.059	-25	38.709	0.059	11	38.709	0.059	11	38.709	0.059	11	38.709	0.059
-96	38.709	0.059	-60	38.709	0.059	-24	38.709	0.059	12	38.709	0.059	12	38.709	0.059	12	38.709	0.059
-95	38.709	0.059	-59	38.709	0.059	-23	38.709	0.059	13	38.709	0.059	13	38.709	0.059	13	38.709	0.059
-94	38.709	0.059	-58	38.709	0.059	-22	38.709	0.059	14	38.709	0.059	14	38.709	0.059	14	38.709	0.059
-93	38.709	0.059	-57	38.709	0.059	-21	38.709	0.059	15	38.709	0.059	15	38.709	0.059	15	38.709	0.059
-92	38.709	0.059	-56	38.709	0.059	-20	38.709	0.059	16	38.709	0.059	16	38.709	0.059	16	38.709	0.059
-91	38.709	0.059	-55	38.709	0.059	-19	38.709	0.059	17	38.709	0.059	17	38.709	0.059	17	38.709	0.059
-90	38.709	0.059	-54	38.709	0.059	-18	38.709	0.059	18	38.709	0.059	18	38.709	0.059	18	38.709	0.059
-89	38.709	0.059	-53	38.709	0.059	-17	38.709	0.059	19	38.709	0.059	19	38.709	0.059	19	38.709	0.059
-88	38.709	0.059	-52	38.709	0.059	-16	38.709	0.059	20	38.709	0.059	20	38.709	0.059	20	38.709	0.059
-87	38.709	0.059	-51	38.709	0.059	-15	38.709	0.059	21	38.709	0.059	21	38.709	0.059	21	38.709	0.059
-86	38.709	0.059	-50	38.709	0.059	-14	38.709	0.059	22	38.709	0.059	22	38.709	0.059	22	38.709	0.059
-85	38.709	0.059	-49	38.709	0.059	-13	38.709	0.059	23	38.709	0.059	23	38.709	0.059	23	38.709	0.059

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Surcharged Outfalls

Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
24	38.709	0.059	97	38.709	0.059	170	38.709	0.059	243	38.709	0.059
25	38.709	0.059	98	38.709	0.059	171	38.709	0.059	244	38.709	0.059
26	38.709	0.059	99	38.709	0.059	172	38.709	0.059	245	38.709	0.059
27	38.709	0.059	100	38.709	0.059	173	38.709	0.059	246	38.709	0.059
28	38.709	0.059	101	38.709	0.059	174	38.709	0.059	247	38.709	0.059
29	38.709	0.059	102	38.709	0.059	175	38.709	0.059	248	38.709	0.059
30	38.709	0.059	103	38.709	0.059	176	38.709	0.059	249	38.709	0.059
31	38.709	0.059	104	38.709	0.059	177	38.709	0.059	250	38.709	0.059
32	38.709	0.059	105	38.709	0.059	178	38.709	0.059	251	38.709	0.059
33	38.709	0.059	106	38.709	0.059	179	38.709	0.059	252	38.709	0.059
34	38.709	0.059	107	38.709	0.059	180	38.709	0.059	253	38.709	0.059
35	38.709	0.059	108	38.709	0.059	181	38.709	0.059	254	38.709	0.059
36	38.709	0.059	109	38.709	0.059	182	38.709	0.059	255	38.709	0.059
37	38.709	0.059	110	38.709	0.059	183	38.709	0.059	256	38.709	0.059
38	38.709	0.059	111	38.709	0.059	184	38.709	0.059	257	38.709	0.059
39	38.709	0.059	112	38.709	0.059	185	38.709	0.059	258	38.709	0.059
40	38.709	0.059	113	38.709	0.059	186	38.709	0.059	259	38.709	0.059
41	38.709	0.059	114	38.709	0.059	187	38.709	0.059	260	38.709	0.059
42	38.709	0.059	115	38.709	0.059	188	38.709	0.059	261	38.709	0.059
43	38.709	0.059	116	38.709	0.059	189	38.709	0.059	262	38.709	0.059
44	38.709	0.059	117	38.709	0.059	190	38.709	0.059	263	38.709	0.059
45	38.709	0.059	118	38.709	0.059	191	38.709	0.059	264	38.709	0.059
46	38.709	0.059	119	38.709	0.059	192	38.709	0.059	265	38.709	0.059
47	38.709	0.059	120	38.709	0.059	193	38.709	0.059	266	38.709	0.059
48	38.709	0.059	121	38.709	0.059	194	38.709	0.059	267	38.709	0.059
49	38.709	0.059	122	38.709	0.059	195	38.709	0.059	268	38.709	0.059
50	38.709	0.059	123	38.709	0.059	196	38.709	0.059	269	38.709	0.059
51	38.709	0.059	124	38.709	0.059	197	38.709	0.059	270	38.709	0.059
52	38.709	0.059	125	38.709	0.059	198	38.709	0.059	271	38.709	0.059
53	38.709	0.059	126	38.709	0.059	199	38.709	0.059	272	38.709	0.059
54	38.709	0.059	127	38.709	0.059	200	38.709	0.059	273	38.709	0.059
55	38.709	0.059	128	38.709	0.059	201	38.709	0.059	274	38.709	0.059
56	38.709	0.059	129	38.709	0.059	202	38.709	0.059	275	38.709	0.059
57	38.709	0.059	130	38.709	0.059	203	38.709	0.059	276	38.709	0.059
58	38.709	0.059	131	38.709	0.059	204	38.709	0.059	277	38.709	0.059
59	38.709	0.059	132	38.709	0.059	205	38.709	0.059	278	38.709	0.059
60	38.709	0.059	133	38.709	0.059	206	38.709	0.059	279	38.709	0.059
61	38.709	0.059	134	38.709	0.059	207	38.709	0.059	280	38.709	0.059
62	38.709	0.059	135	38.709	0.059	208	38.709	0.059	281	38.709	0.059
63	38.709	0.059	136	38.709	0.059	209	38.709	0.059	282	38.709	0.059
64	38.709	0.059	137	38.709	0.059	210	38.709	0.059	283	38.709	0.059
65	38.709	0.059	138	38.709	0.059	211	38.709	0.059	284	38.709	0.059
66	38.709	0.059	139	38.709	0.059	212	38.709	0.059	285	38.709	0.059
67	38.709	0.059	140	38.709	0.059	213	38.709	0.059	286	38.709	0.059
68	38.709	0.059	141	38.709	0.059	214	38.709	0.059	287	38.709	0.059
69	38.709	0.059	142	38.709	0.059	215	38.709	0.059	288	38.709	0.059
70	38.709	0.059	143	38.709	0.059	216	38.709	0.059	289	38.709	0.059
71	38.709	0.059	144	38.709	0.059	217	38.709	0.059	290	38.709	0.059
72	38.709	0.059	145	38.709	0.059	218	38.709	0.059	291	38.709	0.059
73	38.709	0.059	146	38.709	0.059	219	38.709	0.059	292	38.709	0.059
74	38.709	0.059	147	38.709	0.059	220	38.709	0.059	293	38.709	0.059
75	38.709	0.059	148	38.709	0.059	221	38.709	0.059	294	38.709	0.059
76	38.709	0.059	149	38.709	0.059	222	38.709	0.059	295	38.709	0.059
77	38.709	0.059	150	38.709	0.059	223	38.709	0.059	296	38.709	0.059
78	38.709	0.059	151	38.709	0.059	224	38.709	0.059	297	38.709	0.059
79	38.709	0.059	152	38.709	0.059	225	38.709	0.059	298	38.709	0.059
80	38.709	0.059	153	38.709	0.059	226	38.709	0.059	299	38.709	0.059
81	38.709	0.059	154	38.709	0.059	227	38.709	0.059	300	38.709	0.059
82	38.709	0.059	155	38.709	0.059	228	38.709	0.059	301	38.709	0.059
83	38.709	0.059	156	38.709	0.059	229	38.709	0.059	302	38.709	0.059
84	38.709	0.059	157	38.709	0.059	230	38.709	0.059	303	38.709	0.059
85	38.709	0.059	158	38.709	0.059	231	38.709	0.059	304	38.709	0.059
86	38.709	0.059	159	38.709	0.059	232	38.709	0.059	305	38.709	0.059
87	38.709	0.059	160	38.709	0.059	233	38.709	0.059	306	38.709	0.059
88	38.709	0.059	161	38.709	0.059	234	38.709	0.059	307	38.709	0.059
89	38.709	0.059	162	38.709	0.059	235	38.709	0.059	308	38.709	0.059
90	38.709	0.059	163	38.709	0.059	236	38.709	0.059	309	38.709	0.059
91	38.709	0.059	164	38.709	0.059	237	38.709	0.059	310	38.709	0.059
92	38.709	0.059	165	38.709	0.059	238	38.709	0.059	311	38.709	0.059
93	38.709	0.059	166	38.709	0.059	239	38.709	0.059	312	38.709	0.059
94	38.709	0.059	167	38.709	0.059	240	38.709	0.059	313	38.709	0.059
95	38.709	0.059	168	38.709	0.059	241	38.709	0.059	314	38.709	0.059
96	38.709	0.059	169	38.709	0.059	242	38.709	0.059	315	38.709	0.059

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Surcharged Outfalls

Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
316	38.709	0.059	389	38.709	0.059	462	38.709	0.059	535	38.709	0.059
317	38.709	0.059	390	38.709	0.059	463	38.709	0.059	536	38.709	0.059
318	38.709	0.059	391	38.709	0.059	464	38.709	0.059	537	38.709	0.059
319	38.709	0.059	392	38.709	0.059	465	38.709	0.059	538	38.709	0.059
320	38.709	0.059	393	38.709	0.059	466	38.709	0.059	539	38.709	0.059
321	38.709	0.059	394	38.709	0.059	467	38.709	0.059	540	38.709	0.059
322	38.709	0.059	395	38.709	0.059	468	38.709	0.059	541	38.709	0.059
323	38.709	0.059	396	38.709	0.059	469	38.709	0.059	542	38.709	0.059
324	38.709	0.059	397	38.709	0.059	470	38.709	0.059	543	38.709	0.059
325	38.709	0.059	398	38.709	0.059	471	38.709	0.059	544	38.709	0.059
326	38.709	0.059	399	38.709	0.059	472	38.709	0.059	545	38.709	0.059
327	38.709	0.059	400	38.709	0.059	473	38.709	0.059	546	38.709	0.059
328	38.709	0.059	401	38.709	0.059	474	38.709	0.059	547	38.709	0.059
329	38.709	0.059	402	38.709	0.059	475	38.709	0.059	548	38.709	0.059
330	38.709	0.059	403	38.709	0.059	476	38.709	0.059	549	38.709	0.059
331	38.709	0.059	404	38.709	0.059	477	38.709	0.059	550	38.709	0.059
332	38.709	0.059	405	38.709	0.059	478	38.709	0.059	551	38.709	0.059
333	38.709	0.059	406	38.709	0.059	479	38.709	0.059	552	38.709	0.059
334	38.709	0.059	407	38.709	0.059	480	38.709	0.059	553	38.709	0.059
335	38.709	0.059	408	38.709	0.059	481	38.709	0.059	554	38.709	0.059
336	38.709	0.059	409	38.709	0.059	482	38.709	0.059	555	38.709	0.059
337	38.709	0.059	410	38.709	0.059	483	38.709	0.059	556	38.709	0.059
338	38.709	0.059	411	38.709	0.059	484	38.709	0.059	557	38.709	0.059
339	38.709	0.059	412	38.709	0.059	485	38.709	0.059	558	38.709	0.059
340	38.709	0.059	413	38.709	0.059	486	38.709	0.059	559	38.709	0.059
341	38.709	0.059	414	38.709	0.059	487	38.709	0.059	560	38.709	0.059
342	38.709	0.059	415	38.709	0.059	488	38.709	0.059	561	38.709	0.059
343	38.709	0.059	416	38.709	0.059	489	38.709	0.059	562	38.709	0.059
344	38.709	0.059	417	38.709	0.059	490	38.709	0.059	563	38.709	0.059
345	38.709	0.059	418	38.709	0.059	491	38.709	0.059	564	38.709	0.059
346	38.709	0.059	419	38.709	0.059	492	38.709	0.059	565	38.709	0.059
347	38.709	0.059	420	38.709	0.059	493	38.709	0.059	566	38.709	0.059
348	38.709	0.059	421	38.709	0.059	494	38.709	0.059	567	38.709	0.059
349	38.709	0.059	422	38.709	0.059	495	38.709	0.059	568	38.709	0.059
350	38.709	0.059	423	38.709	0.059	496	38.709	0.059	569	38.709	0.059
351	38.709	0.059	424	38.709	0.059	497	38.709	0.059	570	38.709	0.059
352	38.709	0.059	425	38.709	0.059	498	38.709	0.059	571	38.709	0.059
353	38.709	0.059	426	38.709	0.059	499	38.709	0.059	572	38.709	0.059
354	38.709	0.059	427	38.709	0.059	500	38.709	0.059	573	38.709	0.059
355	38.709	0.059	428	38.709	0.059	501	38.709	0.059	574	38.709	0.059
356	38.709	0.059	429	38.709	0.059	502	38.709	0.059	575	38.709	0.059
357	38.709	0.059	430	38.709	0.059	503	38.709	0.059	576	38.709	0.059
358	38.709	0.059	431	38.709	0.059	504	38.709	0.059	577	38.709	0.059
359	38.709	0.059	432	38.709	0.059	505	38.709	0.059	578	38.709	0.059
360	38.709	0.059	433	38.709	0.059	506	38.709	0.059	579	38.709	0.059
361	38.709	0.059	434	38.709	0.059	507	38.709	0.059	580	38.709	0.059
362	38.709	0.059	435	38.709	0.059	508	38.709	0.059	581	38.709	0.059
363	38.709	0.059	436	38.709	0.059	509	38.709	0.059	582	38.709	0.059
364	38.709	0.059	437	38.709	0.059	510	38.709	0.059	583	38.709	0.059
365	38.709	0.059	438	38.709	0.059	511	38.709	0.059	584	38.709	0.059
366	38.709	0.059	439	38.709	0.059	512	38.709	0.059	585	38.709	0.059
367	38.709	0.059	440	38.709	0.059	513	38.709	0.059	586	38.709	0.059
368	38.709	0.059	441	38.709	0.059	514	38.709	0.059	587	38.709	0.059
369	38.709	0.059	442	38.709	0.059	515	38.709	0.059	588	38.709	0.059
370	38.709	0.059	443	38.709	0.059	516	38.709	0.059	589	38.709	0.059
371	38.709	0.059	444	38.709	0.059	517	38.709	0.059	590	38.709	0.059
372	38.709	0.059	445	38.709	0.059	518	38.709	0.059	591	38.709	0.059
373	38.709	0.059	446	38.709	0.059	519	38.709	0.059	592	38.709	0.059
374	38.709	0.059	447	38.709	0.059	520	38.709	0.059	593	38.709	0.059
375	38.709	0.059	448	38.709	0.059	521	38.709	0.059	594	38.709	0.059
376	38.709	0.059	449	38.709	0.059	522	38.709	0.059	595	38.709	0.059
377	38.709	0.059	450	38.709	0.059	523	38.709	0.059	596	38.709	0.059
378	38.709	0.059	451	38.709	0.059	524	38.709	0.059	597	38.709	0.059
379	38.709	0.059	452	38.709	0.059	525	38.709	0.059	598	38.709	0.059
380	38.709	0.059	453	38.709	0.059	526	38.709	0.059	599	38.709	0.059
381	38.709	0.059	454	38.709	0.059	527	38.709	0.059	600	38.709	0.059
382	38.709	0.059	455	38.709	0.059	528	38.709	0.059	601	38.709	0.059
383	38.709	0.059	456	38.709	0.059	529	38.709	0.059	602	38.709	0.059
384	38.709	0.059	457	38.709	0.059	530	38.709	0.059	603	38.709	0.059
385	38.709	0.059	458	38.709	0.059	531	38.709	0.059	604	38.709	0.059
386	38.709	0.059	459	38.709	0.059	532	38.709	0.059	605	38.709	0.059
387	38.709	0.059	460	38.709	0.059	533	38.709	0.059	606	38.709	0.059
388	38.709	0.059	461	38.709	0.059	534	38.709	0.059	607	38.709	0.059

Surcharged Outfalls

Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
608	38.709	0.059	681	38.709	0.059	754	38.709	0.059	827	38.709	0.059
609	38.709	0.059	682	38.709	0.059	755	38.709	0.059	828	38.709	0.059
610	38.709	0.059	683	38.709	0.059	756	38.709	0.059	829	38.709	0.059
611	38.709	0.059	684	38.709	0.059	757	38.709	0.059	830	38.709	0.059
612	38.709	0.059	685	38.709	0.059	758	38.709	0.059	831	38.709	0.059
613	38.709	0.059	686	38.709	0.059	759	38.709	0.059	832	38.709	0.059
614	38.709	0.059	687	38.709	0.059	760	38.709	0.059	833	38.709	0.059
615	38.709	0.059	688	38.709	0.059	761	38.709	0.059	834	38.709	0.059
616	38.709	0.059	689	38.709	0.059	762	38.709	0.059	835	38.709	0.059
617	38.709	0.059	690	38.709	0.059	763	38.709	0.059	836	38.709	0.059
618	38.709	0.059	691	38.709	0.059	764	38.709	0.059	837	38.709	0.059
619	38.709	0.059	692	38.709	0.059	765	38.709	0.059	838	38.709	0.059
620	38.709	0.059	693	38.709	0.059	766	38.709	0.059	839	38.709	0.059
621	38.709	0.059	694	38.709	0.059	767	38.709	0.059	840	38.709	0.059
622	38.709	0.059	695	38.709	0.059	768	38.709	0.059	841	38.709	0.059
623	38.709	0.059	696	38.709	0.059	769	38.709	0.059	842	38.709	0.059
624	38.709	0.059	697	38.709	0.059	770	38.709	0.059	843	38.709	0.059
625	38.709	0.059	698	38.709	0.059	771	38.709	0.059	844	38.709	0.059
626	38.709	0.059	699	38.709	0.059	772	38.709	0.059	845	38.709	0.059
627	38.709	0.059	700	38.709	0.059	773	38.709	0.059	846	38.709	0.059
628	38.709	0.059	701	38.709	0.059	774	38.709	0.059	847	38.709	0.059
629	38.709	0.059	702	38.709	0.059	775	38.709	0.059	848	38.709	0.059
630	38.709	0.059	703	38.709	0.059	776	38.709	0.059	849	38.709	0.059
631	38.709	0.059	704	38.709	0.059	777	38.709	0.059	850	38.709	0.059
632	38.709	0.059	705	38.709	0.059	778	38.709	0.059	851	38.709	0.059
633	38.709	0.059	706	38.709	0.059	779	38.709	0.059	852	38.709	0.059
634	38.709	0.059	707	38.709	0.059	780	38.709	0.059	853	38.709	0.059
635	38.709	0.059	708	38.709	0.059	781	38.709	0.059	854	38.709	0.059
636	38.709	0.059	709	38.709	0.059	782	38.709	0.059	855	38.709	0.059
637	38.709	0.059	710	38.709	0.059	783	38.709	0.059	856	38.709	0.059
638	38.709	0.059	711	38.709	0.059	784	38.709	0.059	857	38.709	0.059
639	38.709	0.059	712	38.709	0.059	785	38.709	0.059	858	38.709	0.059
640	38.709	0.059	713	38.709	0.059	786	38.709	0.059	859	38.709	0.059
641	38.709	0.059	714	38.709	0.059	787	38.709	0.059	860	38.709	0.059
642	38.709	0.059	715	38.709	0.059	788	38.709	0.059	861	38.709	0.059
643	38.709	0.059	716	38.709	0.059	789	38.709	0.059	862	38.709	0.059
644	38.709	0.059	717	38.709	0.059	790	38.709	0.059	863	38.709	0.059
645	38.709	0.059	718	38.709	0.059	791	38.709	0.059	864	38.709	0.059
646	38.709	0.059	719	38.709	0.059	792	38.709	0.059	865	38.709	0.059
647	38.709	0.059	720	38.709	0.059	793	38.709	0.059	866	38.709	0.059
648	38.709	0.059	721	38.709	0.059	794	38.709	0.059	867	38.709	0.059
649	38.709	0.059	722	38.709	0.059	795	38.709	0.059	868	38.709	0.059
650	38.709	0.059	723	38.709	0.059	796	38.709	0.059	869	38.709	0.059
651	38.709	0.059	724	38.709	0.059	797	38.709	0.059	870	38.709	0.059
652	38.709	0.059	725	38.709	0.059	798	38.709	0.059	871	38.709	0.059
653	38.709	0.059	726	38.709	0.059	799	38.709	0.059	872	38.709	0.059
654	38.709	0.059	727	38.709	0.059	800	38.709	0.059	873	38.709	0.059
655	38.709	0.059	728	38.709	0.059	801	38.709	0.059	874	38.709	0.059
656	38.709	0.059	729	38.709	0.059	802	38.709	0.059	875	38.709	0.059
657	38.709	0.059	730	38.709	0.059	803	38.709	0.059	876	38.709	0.059
658	38.709	0.059	731	38.709	0.059	804	38.709	0.059	877	38.709	0.059
659	38.709	0.059	732	38.709	0.059	805	38.709	0.059	878	38.709	0.059
660	38.709	0.059	733	38.709	0.059	806	38.709	0.059	879	38.709	0.059
661	38.709	0.059	734	38.709	0.059	807	38.709	0.059	880	38.709	0.059
662	38.709	0.059	735	38.709	0.059	808	38.709	0.059	881	38.709	0.059
663	38.709	0.059	736	38.709	0.059	809	38.709	0.059	882	38.709	0.059
664	38.709	0.059	737	38.709	0.059	810	38.709	0.059	883	38.709	0.059
665	38.709	0.059	738	38.709	0.059	811	38.709	0.059	884	38.709	0.059
666	38.709	0.059	739	38.709	0.059	812	38.709	0.059	885	38.709	0.059
667	38.709	0.059	740	38.709	0.059	813	38.709	0.059	886	38.709	0.059
668	38.709	0.059	741	38.709	0.059	814	38.709	0.059	887	38.709	0.059
669	38.709	0.059	742	38.709	0.059	815	38.709	0.059	888	38.709	0.059
670	38.709	0.059	743	38.709	0.059	816	38.709	0.059	889	38.709	0.059
671	38.709	0.059	744	38.709	0.059	817	38.709	0.059	890	38.709	0.059
672	38.709	0.059	745	38.709	0.059	818	38.709	0.059	891	38.709	0.059
673	38.709	0.059	746	38.709	0.059	819	38.709	0.059	892	38.709	0.059
674	38.709	0.059	747	38.709	0.059	820	38.709	0.059	893	38.709	0.059
675	38.709	0.059	748	38.709	0.059	821	38.709	0.059	894	38.709	0.059
676	38.709	0.059	749	38.709	0.059	822	38.709	0.059	895	38.709	0.059
677	38.709	0.059	750	38.709	0.059	823	38.709	0.059	896	38.709	0.059
678	38.709	0.059	751	38.709	0.059	824	38.709	0.059	897	38.709	0.059
679	38.709	0.059	752	38.709	0.059	825	38.709	0.059	898	38.709	0.059
680	38.709	0.059	753	38.709	0.059	826	38.709	0.059	899	38.709	0.059

Surcharged Outfalls

Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
900	38.709	0.059	973	38.709	0.059	1046	38.709	0.059	1119	38.709	0.059
901	38.709	0.059	974	38.709	0.059	1047	38.709	0.059	1120	38.709	0.059
902	38.709	0.059	975	38.709	0.059	1048	38.709	0.059	1121	38.709	0.059
903	38.709	0.059	976	38.709	0.059	1049	38.709	0.059	1122	38.709	0.059
904	38.709	0.059	977	38.709	0.059	1050	38.709	0.059	1123	38.709	0.059
905	38.709	0.059	978	38.709	0.059	1051	38.709	0.059	1124	38.709	0.059
906	38.709	0.059	979	38.709	0.059	1052	38.709	0.059	1125	38.709	0.059
907	38.709	0.059	980	38.709	0.059	1053	38.709	0.059	1126	38.709	0.059
908	38.709	0.059	981	38.709	0.059	1054	38.709	0.059	1127	38.709	0.059
909	38.709	0.059	982	38.709	0.059	1055	38.709	0.059	1128	38.709	0.059
910	38.709	0.059	983	38.709	0.059	1056	38.709	0.059	1129	38.709	0.059
911	38.709	0.059	984	38.709	0.059	1057	38.709	0.059	1130	38.709	0.059
912	38.709	0.059	985	38.709	0.059	1058	38.709	0.059	1131	38.709	0.059
913	38.709	0.059	986	38.709	0.059	1059	38.709	0.059	1132	38.709	0.059
914	38.709	0.059	987	38.709	0.059	1060	38.709	0.059	1133	38.709	0.059
915	38.709	0.059	988	38.709	0.059	1061	38.709	0.059	1134	38.709	0.059
916	38.709	0.059	989	38.709	0.059	1062	38.709	0.059	1135	38.709	0.059
917	38.709	0.059	990	38.709	0.059	1063	38.709	0.059	1136	38.709	0.059
918	38.709	0.059	991	38.709	0.059	1064	38.709	0.059	1137	38.709	0.059
919	38.709	0.059	992	38.709	0.059	1065	38.709	0.059	1138	38.709	0.059
920	38.709	0.059	993	38.709	0.059	1066	38.709	0.059	1139	38.709	0.059
921	38.709	0.059	994	38.709	0.059	1067	38.709	0.059	1140	38.709	0.059
922	38.709	0.059	995	38.709	0.059	1068	38.709	0.059	1141	38.709	0.059
923	38.709	0.059	996	38.709	0.059	1069	38.709	0.059	1142	38.709	0.059
924	38.709	0.059	997	38.709	0.059	1070	38.709	0.059	1143	38.709	0.059
925	38.709	0.059	998	38.709	0.059	1071	38.709	0.059	1144	38.709	0.059
926	38.709	0.059	999	38.709	0.059	1072	38.709	0.059	1145	38.709	0.059
927	38.709	0.059	1000	38.709	0.059	1073	38.709	0.059	1146	38.709	0.059
928	38.709	0.059	1001	38.709	0.059	1074	38.709	0.059	1147	38.709	0.059
929	38.709	0.059	1002	38.709	0.059	1075	38.709	0.059	1148	38.709	0.059
930	38.709	0.059	1003	38.709	0.059	1076	38.709	0.059	1149	38.709	0.059
931	38.709	0.059	1004	38.709	0.059	1077	38.709	0.059	1150	38.709	0.059
932	38.709	0.059	1005	38.709	0.059	1078	38.709	0.059	1151	38.709	0.059
933	38.709	0.059	1006	38.709	0.059	1079	38.709	0.059	1152	38.709	0.059
934	38.709	0.059	1007	38.709	0.059	1080	38.709	0.059	1153	38.709	0.059
935	38.709	0.059	1008	38.709	0.059	1081	38.709	0.059	1154	38.709	0.059
936	38.709	0.059	1009	38.709	0.059	1082	38.709	0.059	1155	38.709	0.059
937	38.709	0.059	1010	38.709	0.059	1083	38.709	0.059	1156	38.709	0.059
938	38.709	0.059	1011	38.709	0.059	1084	38.709	0.059	1157	38.709	0.059
939	38.709	0.059	1012	38.709	0.059	1085	38.709	0.059	1158	38.709	0.059
940	38.709	0.059	1013	38.709	0.059	1086	38.709	0.059	1159	38.709	0.059
941	38.709	0.059	1014	38.709	0.059	1087	38.709	0.059	1160	38.709	0.059
942	38.709	0.059	1015	38.709	0.059	1088	38.709	0.059	1161	38.709	0.059
943	38.709	0.059	1016	38.709	0.059	1089	38.709	0.059	1162	38.709	0.059
944	38.709	0.059	1017	38.709	0.059	1090	38.709	0.059	1163	38.709	0.059
945	38.709	0.059	1018	38.709	0.059	1091	38.709	0.059	1164	38.709	0.059
946	38.709	0.059	1019	38.709	0.059	1092	38.709	0.059	1165	38.709	0.059
947	38.709	0.059	1020	38.709	0.059	1093	38.709	0.059	1166	38.709	0.059
948	38.709	0.059	1021	38.709	0.059	1094	38.709	0.059	1167	38.709	0.059
949	38.709	0.059	1022	38.709	0.059	1095	38.709	0.059	1168	38.709	0.059
950	38.709	0.059	1023	38.709	0.059	1096	38.709	0.059	1169	38.709	0.059
951	38.709	0.059	1024	38.709	0.059	1097	38.709	0.059	1170	38.709	0.059
952	38.709	0.059	1025	38.709	0.059	1098	38.709	0.059	1171	38.709	0.059
953	38.709	0.059	1026	38.709	0.059	1099	38.709	0.059	1172	38.709	0.059
954	38.709	0.059	1027	38.709	0.059	1100	38.709	0.059	1173	38.709	0.059
955	38.709	0.059	1028	38.709	0.059	1101	38.709	0.059	1174	38.709	0.059
956	38.709	0.059	1029	38.709	0.059	1102	38.709	0.059	1175	38.709	0.059
957	38.709	0.059	1030	38.709	0.059	1103	38.709	0.059	1176	38.709	0.059
958	38.709	0.059	1031	38.709	0.059	1104	38.709	0.059	1177	38.709	0.059
959	38.709	0.059	1032	38.709	0.059	1105	38.709	0.059	1178	38.709	0.059
960	38.709	0.059	1033	38.709	0.059	1106	38.709	0.059	1179	38.709	0.059
961	38.709	0.059	1034	38.709	0.059	1107	38.709	0.059	1180	38.709	0.059
962	38.709	0.059	1035	38.709	0.059	1108	38.709	0.059	1181	38.709	0.059
963	38.709	0.059	1036	38.709	0.059	1109	38.709	0.059	1182	38.709	0.059
964	38.709	0.059	1037	38.709	0.059	1110	38.709	0.059	1183	38.709	0.059
965	38.709	0.059	1038	38.709	0.059	1111	38.709	0.059	1184	38.709	0.059
966	38.709	0.059	1039	38.709	0.059	1112	38.709	0.059	1185	38.709	0.059
967	38.709	0.059	1040	38.709	0.059	1113	38.709	0.059	1186	38.709	0.059
968	38.709	0.059	1041	38.709	0.059	1114	38.709	0.059	1187	38.709	0.059
969	38.709	0.059	1042	38.709	0.059	1115	38.709	0.059	1188	38.709	0.059
970	38.709	0.059	1043	38.709	0.059	1116	38.709	0.059	1189	38.709	0.059
971	38.709	0.059	1044	38.709	0.059	1117	38.709	0.059	1190	38.709	0.059
972	38.709	0.059	1045	38.709	0.059	1118	38.709	0.059	1191	38.709	0.059

Surcharged Outfalls

Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)	Time (mins)	Level (m)	Depth (m)
1192	38.709	0.059	1255	38.709	0.059	1318	38.709	0.059	1381	38.709	0.059
1193	38.709	0.059	1256	38.709	0.059	1319	38.709	0.059	1382	38.709	0.059
1194	38.709	0.059	1257	38.709	0.059	1320	38.709	0.059	1383	38.709	0.059
1195	38.709	0.059	1258	38.709	0.059	1321	38.709	0.059	1384	38.709	0.059
1196	38.709	0.059	1259	38.709	0.059	1322	38.709	0.059	1385	38.709	0.059
1197	38.709	0.059	1260	38.709	0.059	1323	38.709	0.059	1386	38.709	0.059
1198	38.709	0.059	1261	38.709	0.059	1324	38.709	0.059	1387	38.709	0.059
1199	38.709	0.059	1262	38.709	0.059	1325	38.709	0.059	1388	38.709	0.059
1200	38.709	0.059	1263	38.709	0.059	1326	38.709	0.059	1389	38.709	0.059
1201	38.709	0.059	1264	38.709	0.059	1327	38.709	0.059	1390	38.709	0.059
1202	38.709	0.059	1265	38.709	0.059	1328	38.709	0.059	1391	38.709	0.059
1203	38.709	0.059	1266	38.709	0.059	1329	38.709	0.059	1392	38.709	0.059
1204	38.709	0.059	1267	38.709	0.059	1330	38.709	0.059	1393	38.709	0.059
1205	38.709	0.059	1268	38.709	0.059	1331	38.709	0.059	1394	38.709	0.059
1206	38.709	0.059	1269	38.709	0.059	1332	38.709	0.059	1395	38.709	0.059
1207	38.709	0.059	1270	38.709	0.059	1333	38.709	0.059	1396	38.709	0.059
1208	38.709	0.059	1271	38.709	0.059	1334	38.709	0.059	1397	38.709	0.059
1209	38.709	0.059	1272	38.709	0.059	1335	38.709	0.059	1398	38.709	0.059
1210	38.709	0.059	1273	38.709	0.059	1336	38.709	0.059	1399	38.709	0.059
1211	38.709	0.059	1274	38.709	0.059	1337	38.709	0.059	1400	38.709	0.059
1212	38.709	0.059	1275	38.709	0.059	1338	38.709	0.059	1401	38.709	0.059
1213	38.709	0.059	1276	38.709	0.059	1339	38.709	0.059	1402	38.709	0.059
1214	38.709	0.059	1277	38.709	0.059	1340	38.709	0.059	1403	38.709	0.059
1215	38.709	0.059	1278	38.709	0.059	1341	38.709	0.059	1404	38.709	0.059
1216	38.709	0.059	1279	38.709	0.059	1342	38.709	0.059	1405	38.709	0.059
1217	38.709	0.059	1280	38.709	0.059	1343	38.709	0.059	1406	38.709	0.059
1218	38.709	0.059	1281	38.709	0.059	1344	38.709	0.059	1407	38.709	0.059
1219	38.709	0.059	1282	38.709	0.059	1345	38.709	0.059	1408	38.709	0.059
1220	38.709	0.059	1283	38.709	0.059	1346	38.709	0.059	1409	38.709	0.059
1221	38.709	0.059	1284	38.709	0.059	1347	38.709	0.059	1410	38.709	0.059
1222	38.709	0.059	1285	38.709	0.059	1348	38.709	0.059	1411	38.709	0.059
1223	38.709	0.059	1286	38.709	0.059	1349	38.709	0.059	1412	38.709	0.059
1224	38.709	0.059	1287	38.709	0.059	1350	38.709	0.059	1413	38.709	0.059
1225	38.709	0.059	1288	38.709	0.059	1351	38.709	0.059	1414	38.709	0.059
1226	38.709	0.059	1289	38.709	0.059	1352	38.709	0.059	1415	38.709	0.059
1227	38.709	0.059	1290	38.709	0.059	1353	38.709	0.059	1416	38.709	0.059
1228	38.709	0.059	1291	38.709	0.059	1354	38.709	0.059	1417	38.709	0.059
1229	38.709	0.059	1292	38.709	0.059	1355	38.709	0.059	1418	38.709	0.059
1230	38.709	0.059	1293	38.709	0.059	1356	38.709	0.059	1419	38.709	0.059
1231	38.709	0.059	1294	38.709	0.059	1357	38.709	0.059	1420	38.709	0.059
1232	38.709	0.059	1295	38.709	0.059	1358	38.709	0.059	1421	38.709	0.059
1233	38.709	0.059	1296	38.709	0.059	1359	38.709	0.059	1422	38.709	0.059
1234	38.709	0.059	1297	38.709	0.059	1360	38.709	0.059	1423	38.709	0.059
1235	38.709	0.059	1298	38.709	0.059	1361	38.709	0.059	1424	38.709	0.059
1236	38.709	0.059	1299	38.709	0.059	1362	38.709	0.059	1425	38.709	0.059
1237	38.709	0.059	1300	38.709	0.059	1363	38.709	0.059	1426	38.709	0.059
1238	38.709	0.059	1301	38.709	0.059	1364	38.709	0.059	1427	38.709	0.059
1239	38.709	0.059	1302	38.709	0.059	1365	38.709	0.059	1428	38.709	0.059
1240	38.709	0.059	1303	38.709	0.059	1366	38.709	0.059	1429	38.709	0.059
1241	38.709	0.059	1304	38.709	0.059	1367	38.709	0.059	1430	38.709	0.059
1242	38.709	0.059	1305	38.709	0.059	1368	38.709	0.059	1431	38.709	0.059
1243	38.709	0.059	1306	38.709	0.059	1369	38.709	0.059	1432	38.709	0.059
1244	38.709	0.059	1307	38.709	0.059	1370	38.709	0.059	1433	38.709	0.059
1245	38.709	0.059	1308	38.709	0.059	1371	38.709	0.059	1434	38.709	0.059
1246	38.709	0.059	1309	38.709	0.059	1372	38.709	0.059	1435	38.709	0.059
1247	38.709	0.059	1310	38.709	0.059	1373	38.709	0.059	1436	38.709	0.059
1248	38.709	0.059	1311	38.709	0.059	1374	38.709	0.059	1437	38.709	0.059
1249	38.709	0.059	1312	38.709	0.059	1375	38.709	0.059	1438	38.709	0.059
1250	38.709	0.059	1313	38.709	0.059	1376	38.709	0.059	1439	38.709	0.059
1251	38.709	0.059	1314	38.709	0.059	1377	38.709	0.059	1440	38.709	0.059
1252	38.709	0.059	1315	38.709	0.059	1378	38.709	0.059			
1253	38.709	0.059	1316	38.709	0.059	1379	38.709	0.059			
1254	38.709	0.059	1317	38.709	0.059	1380	38.709	0.059			

Summary Wizard of "CRITICAL BY RETURN PERIOD"(Rank 1 by Max Level)
Results for Design Storms

Margin for Flood Risk warning (mm)	300
DTS Status	ON
DVD Status	ON
Inertia Status	OFF
Analysis Time Step	2.5 second increment (extended)

Profile(s)	Summer and Winter
Duration(s) (mins)	15, 30, 60, 120, 240, 360, 480, 960, 1440
Return Period(s) (years)	100
Climate Change (%)	30

PN	Storm	Return Period	Climate Change	Rank	First X Surchage	First Y Flood	First Z Overflow	O/F Act
90.000	960 Winter	100	30%	1	100/15 Summer			
91.000	960 Winter	100	30%	1	100/960 Summer			
90.001	960 Winter	100	30%	1	100/15 Summer			
90.002	960 Winter	100	30%	1	100/15 Summer			
90.003	960 Winter	100	30%	1	100/15 Summer			
90.004	960 Winter	100	30%	1	100/15 Summer			
92.000	960 Winter	100	30%	1	100/15 Summer			
90.005	960 Winter	100	30%	1	100/15 Summer			
93.000	960 Winter	100	30%	1	100/15 Summer			
93.001	960 Winter	100	30%	1	100/15 Summer			
93.002	960 Winter	100	30%	1	100/15 Summer			
90.006	960 Winter	100	30%	1	100/15 Summer			
94.000	960 Winter	100	30%	1	100/15 Summer			
90.007	960 Winter	100	30%	1	100/15 Summer			
95.000	960 Winter	100	30%	1	100/240 Summer			
95.001	960 Winter	100	30%	1	100/15 Summer			
95.002	960 Winter	100	30%	1	100/15 Summer			
96.000	960 Winter	100	30%	1	100/15 Summer			
95.003	960 Winter	100	30%	1	100/60 Summer			
95.004	960 Winter	100	30%	1	100/30 Summer			
95.005	960 Winter	100	30%	1	100/30 Summer			
97.000	960 Winter	100	30%	1	100/15 Summer			0
90.008	960 Winter	100	30%	1	100/15 Summer		100/15 Summer	18
90.009	480 Winter	100	30%	1	100/15 Summer			
90.010	360 Winter	100	30%	1	100/15 Summer			

Lvl Ex.	PN	Water Lvl. (m)	Surcharged Depth (m)	Flooded Vol (m³)	Flow/ Capacity	Overflow (l/s)	Pipe Flow (l/s)	Status
	90.000	40.179	0.690	0.000	0.03	0.0	1.9	FLD RISK
	91.000	40.178	0.658	0.000	0.01	0.0	0.2	FLD RISK
	90.001	40.178	0.757	0.000	0.04	0.0	2.5	FLD RISK
	90.002	40.177	0.884	0.000	0.08	0.0	5.4	FLD RISK
	90.003	40.176	1.044	0.000	0.05	0.0	7.5	FLD RISK
	90.004	40.176	1.139	0.000	0.06	0.0	9.1	FLD RISK
	92.000	40.176	1.123	0.000	0.04	0.0	2.4	FLD RISK
	90.005	40.176	1.251	0.000	0.10	0.0	12.9	FLD RISK
	93.000	40.177	0.922	0.000	0.02	0.0	1.3	FLD RISK
	93.001	40.177	1.083	0.000	0.09	0.0	5.7	FLD RISK
	93.002	40.177	1.215	0.000	0.12	0.0	7.8	FLD RISK
	90.006	40.174	1.307	0.000	0.16	0.0	20.7	FLD RISK
	94.000	40.173	1.163	0.000	0.04	0.0	1.5	FLD RISK
	90.007	40.172	1.362	0.000	0.17	0.0	23.1	FLD RISK
	95.000	40.173	0.846	0.000	0.04	0.0	2.6	FLD RISK
	95.001	40.173	0.938	0.000	0.06	0.0	3.8	FLD RISK
	95.002	40.173	1.048	0.000	0.09	0.0	4.9	FLD RISK
	96.000	40.172	0.908	0.000	0.07	0.0	1.2	FLD RISK
	95.003	40.173	1.094	0.000	0.05	0.0	6.6	FLD RISK
	95.004	40.172	1.215	0.000	0.06	0.0	7.9	FLD RISK
	95.005	40.170	1.318	0.000	0.07	0.0	8.8	FLD RISK
	97.000	40.170	1.568	0.000	0.20	0.0	9.3	FLD RISK
	90.008	40.169	1.422	0.000	0.08	17.6	9.6	FLD RISK
	90.009	38.713	0.027	0.000	0.09	0.0	9.2	SURCH'ED
	90.010	38.710	0.058	0.000	0.07	0.0	8.7	SURCH'ED